

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
 Data File : BN002676.D
 Acq On : 13 Sep 2018 15:31
 Operator : JU/SJ
 Sample : J4837-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C08H5

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.205	31	37	45	rBV	1691466	3002504	47.65%	5.001%
2	3.264	45	47	51	rVV	176004	255386	4.05%	0.425%
3	3.299	51	53	63	rVB	66445	112743	1.79%	0.188%
4	3.940	158	162	171	rVB	112309	168832	2.68%	0.281%
5	5.216	373	379	386	rVB	418878	619407	9.83%	1.032%
6	5.346	394	401	419	rVB	1000591	1961321	31.13%	3.267%
7	5.705	455	462	471	rBV	551853	856096	13.59%	1.426%
8	6.169	536	541	550	rBV	46803	88892	1.41%	0.148%
9	6.358	564	573	581	rVB	133081	215980	3.43%	0.360%
10	6.846	647	656	658	rBV2	83849	176429	2.80%	0.294%
11	6.881	658	662	676	rVB	132493	252255	4.00%	0.420%
12	7.005	676	683	689	rBV	218059	348084	5.52%	0.580%
13	7.205	711	717	726	rVB	226389	375530	5.96%	0.626%
14	7.599	779	784	788	rBV	59012	89395	1.42%	0.149%
15	7.657	788	794	801	rVB	627926	1006498	15.97%	1.676%
16	7.793	809	817	824	rVB	166032	271117	4.30%	0.452%
17	8.028	851	857	864	rBV	74709	124176	1.97%	0.207%
18	8.110	864	871	879	rVV	643986	1053289	16.72%	1.754%
19	8.375	908	916	920	rBV	185662	312305	4.96%	0.520%
20	8.434	920	926	940	rVB	257182	541879	8.60%	0.903%
21	8.810	984	990	997	rVV	261047	471595	7.48%	0.786%
22	8.881	997	1002	1009	rVB	601967	975715	15.48%	1.625%
23	9.075	1030	1035	1040	rBV2	57899	100068	1.59%	0.167%
24	9.134	1040	1045	1050	rVB3	63324	108844	1.73%	0.181%
25	9.416	1088	1093	1103	rVB5	62670	159883	2.54%	0.266%
26	9.522	1103	1111	1118	rBV	205710	383175	6.08%	0.638%
27	9.628	1123	1129	1132	rBV	412819	734565	11.66%	1.224%
28	9.657	1132	1134	1141	rVV2	290661	483293	7.67%	0.805%
29	9.722	1141	1145	1150	rVV3	76298	158254	2.51%	0.264%
30	9.804	1150	1159	1161	rVV	210868	468662	7.44%	0.781%
31	9.846	1161	1166	1171	rVV	1074246	2004132	31.81%	3.338%
32	9.893	1171	1174	1178	rVV	428878	790599	12.55%	1.317%
33	9.934	1178	1181	1185	rVV	205504	349127	5.54%	0.582%
34	9.975	1185	1188	1194	rVV	130828	218501	3.47%	0.364%

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Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
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35	10.069	1194	1204	1213	rVB3	454418	977348	15.51%	1.628%
36	10.216	1222	1229	1234	rBV4	34579	85094	1.35%	0.142%
37	10.299	1234	1243	1252	rVV2	456506	861873	13.68%	1.436%
38	10.428	1259	1265	1269	rBV	889286	1565649	24.85%	2.608%
39	10.487	1269	1275	1283	rVV2	3349450	6301139	100.00%	10.496%
40	10.581	1283	1291	1302	rVB4	375018	931560	14.78%	1.552%
41	10.716	1302	1314	1321	rBV	93969	197096	3.13%	0.328%
42	10.804	1321	1329	1339	rBV2	134575	314099	4.98%	0.523%
43	10.893	1339	1344	1352	rVB	90413	162667	2.58%	0.271%
44	10.987	1352	1360	1369	rBV4	149488	452634	7.18%	0.754%
45	11.193	1389	1395	1400	rBV	171488	325817	5.17%	0.543%
46	11.263	1400	1407	1416	rVB4	463942	993519	15.77%	1.655%
47	11.463	1436	1441	1445	rBV	57660	88211	1.40%	0.147%
48	11.522	1445	1451	1456	rVV2	60818	147523	2.34%	0.246%
49	12.093	1543	1548	1555	rVB	417398	684450	10.86%	1.140%
50	12.175	1555	1562	1566	rBV2	166516	310581	4.93%	0.517%
51	12.269	1572	1578	1582	rBV2	207793	361591	5.74%	0.602%
52	12.316	1582	1586	1591	rVB	266642	413241	6.56%	0.688%
53	13.122	1719	1723	1735	rVB2	108542	289928	4.60%	0.483%
54	13.340	1753	1760	1765	rVB3	42426	86176	1.37%	0.144%
55	13.445	1772	1778	1781	rBV4	59884	127453	2.02%	0.212%
56	13.616	1802	1807	1811	rBV2	63684	111839	1.77%	0.186%
57	13.704	1817	1822	1827	rVB	609374	813474	12.91%	1.355%
58	13.851	1842	1847	1850	rBV2	59847	98433	1.56%	0.164%
59	13.981	1863	1869	1879	rBV	688958	1082216	17.17%	1.803%
60	14.292	1913	1922	1928	rBV2	1340365	2104062	33.39%	3.505%
61	14.357	1928	1933	1941	rVB	726079	1065090	16.90%	1.774%
62	14.428	1941	1945	1952	rVB	105954	166165	2.64%	0.277%
63	14.575	1962	1970	1972	rBV4	62269	128861	2.05%	0.215%
64	14.692	1985	1990	1995	rBV	297765	457148	7.26%	0.761%
65	14.822	2008	2012	2020	rVB	57380	95531	1.52%	0.159%
66	14.916	2022	2028	2035	rVB5	57959	122405	1.94%	0.204%
67	15.292	2086	2092	2096	rBV	842556	1214928	19.28%	2.024%
68	15.345	2096	2101	2106	rVB	449949	646012	10.25%	1.076%
69	15.434	2112	2116	2118	rBV3	73701	104403	1.66%	0.174%
70	15.463	2118	2121	2126	rVV2	196008	285943	4.54%	0.476%
71	15.510	2126	2129	2134	rVB7	45862	84395	1.34%	0.141%

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72	15.792	2173	2177	2184	rVB6	42794	98445	1.56%	0.164%
73	16.133	2231	2235	2239	rBV5	56273	89574	1.42%	0.149%
74	16.328	2261	2268	2276	rBV5	75202	177055	2.81%	0.295%
75	16.628	2315	2319	2324	rVB5	61953	86348	1.37%	0.144%
76	16.863	2355	2359	2366	rVB	62471	105944	1.68%	0.176%
77	16.969	2372	2377	2381	rVB5	57814	85777	1.36%	0.143%
78	17.039	2381	2389	2394	rBV2	1438185	2233713	35.45%	3.721%
79	17.086	2394	2397	2401	rVV	421509	573345	9.10%	0.955%
80	17.139	2401	2406	2415	rVV	920265	1375933	21.84%	2.292%
81	17.233	2418	2422	2429	rVB2	185803	295494	4.69%	0.492%
82	17.451	2454	2459	2464	rVB	162186	223722	3.55%	0.373%
83	17.822	2518	2522	2530	rVB3	71117	115292	1.83%	0.192%
84	17.951	2539	2544	2553	rBV2	322041	556848	8.84%	0.928%
85	18.745	2675	2679	2686	rVB	138739	209987	3.33%	0.350%
86	19.110	2737	2741	2747	rBV	55185	85922	1.36%	0.143%
87	19.327	2774	2778	2783	rVV3	66858	91730	1.46%	0.153%
88	19.445	2792	2798	2805	rBV	833619	1224586	19.43%	2.040%
89	19.886	2870	2873	2878	rBV2	72315	106026	1.68%	0.177%
90	20.139	2913	2916	2920	rVB3	65690	83784	1.33%	0.140%
91	20.974	3055	3058	3064	rBV3	85697	150584	2.39%	0.251%
92	21.245	3099	3104	3110	rBV	1405766	1815757	28.82%	3.024%
93	21.833	3201	3204	3208	rVB	105930	115734	1.84%	0.193%
94	22.286	3278	3281	3288	rVB	194435	264666	4.20%	0.441%
95	22.416	3298	3303	3311	rVB	1300497	1718529	27.27%	2.863%
96	22.786	3362	3366	3371	rVB	261632	364171	5.78%	0.607%
97	23.327	3452	3458	3467	rVB2	622434	1505274	23.89%	2.507%
98	23.462	3475	3481	3489	rVB	930961	1752915	27.82%	2.920%
99	23.974	3563	3568	3576	rVB	317599	592408	9.40%	0.987%
100	24.704	3687	3692	3699	rVB	216616	439113	6.97%	0.731%

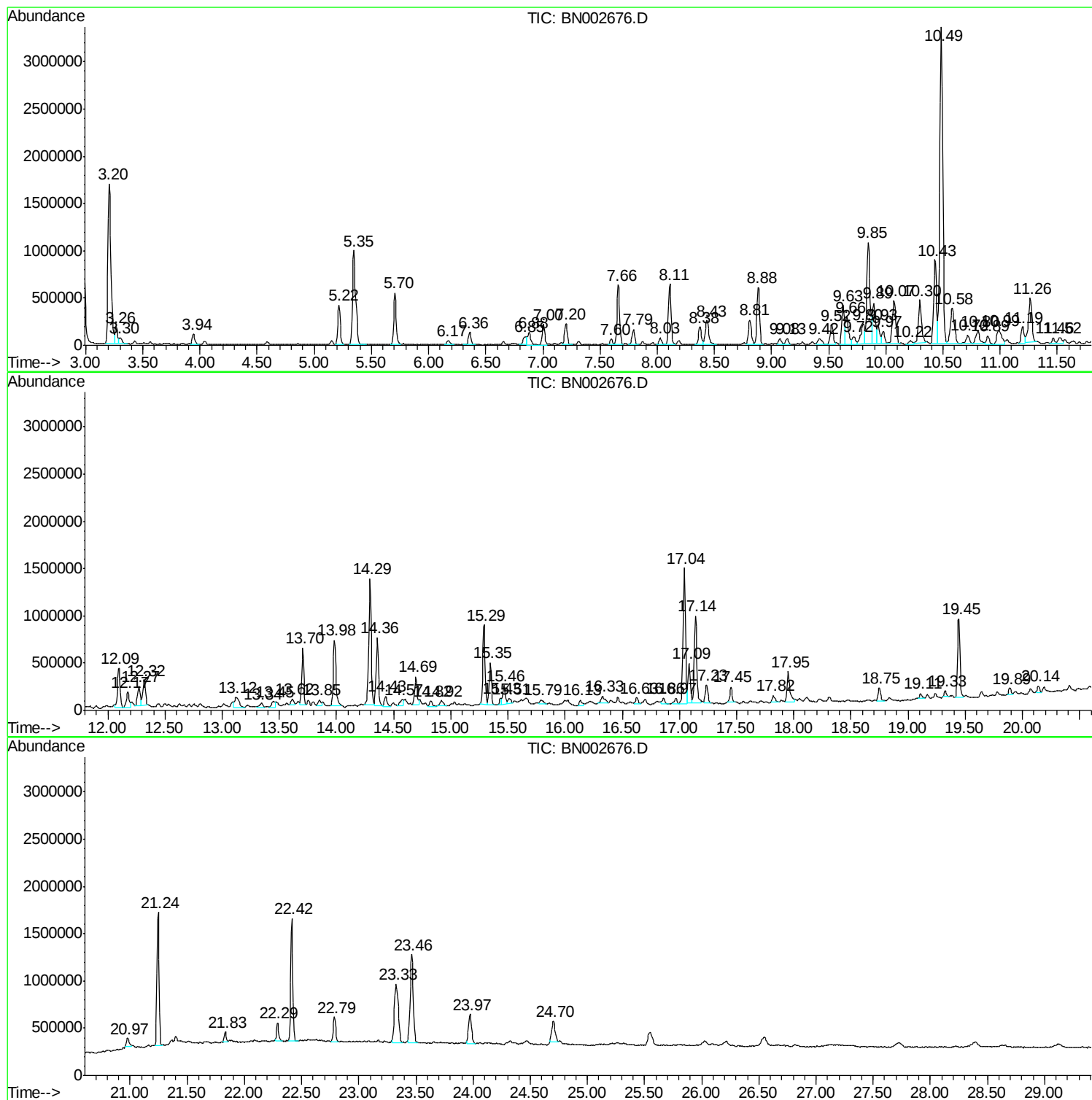
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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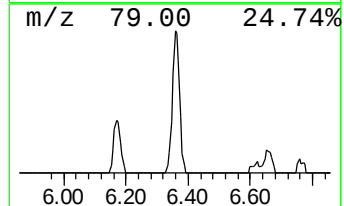
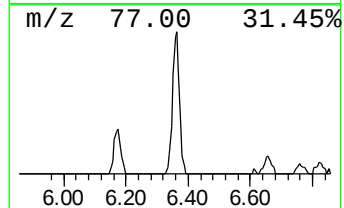
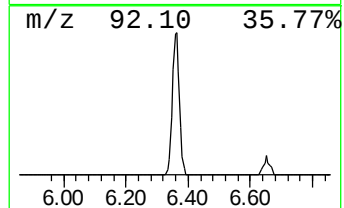
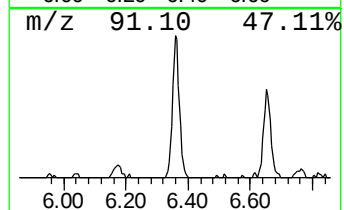
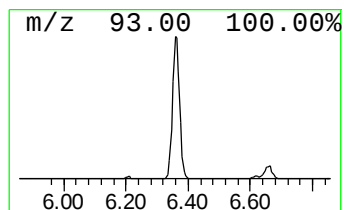
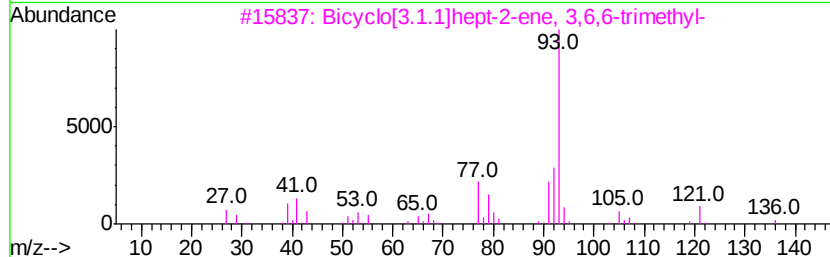
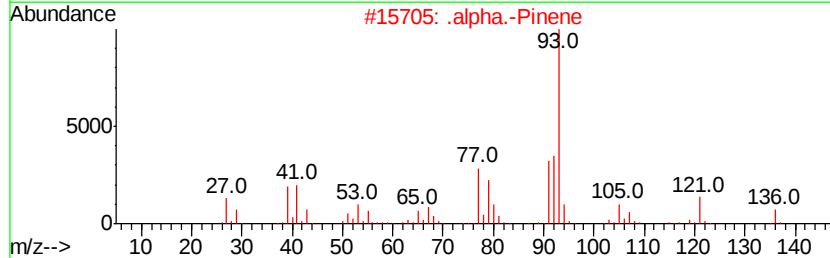
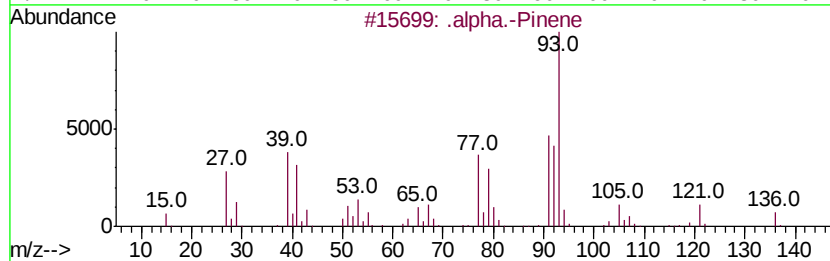
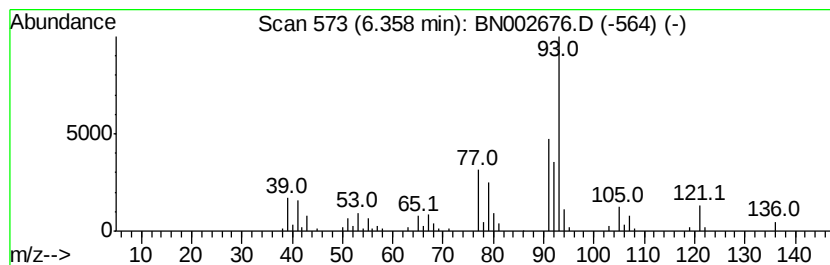
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 .alpha.-Pinene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	4.29 ng/ul	215980	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.alpha.-Pinene	136	C10H16	000080-56-8	94
2		.alpha.-Pinene	136	C10H16	000080-56-8	94
3		Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
4		.alpha.-Pinene	136	C10H16	000080-56-8	91
5		.alpha.-Pinene	136	C10H16	000080-56-8	91



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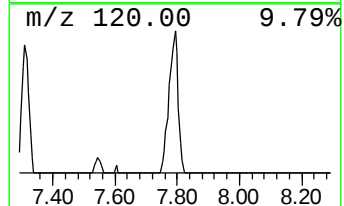
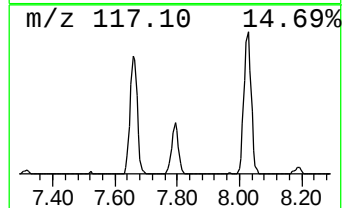
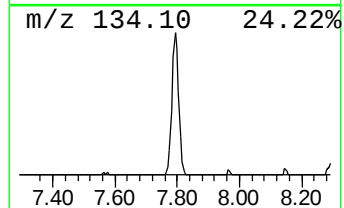
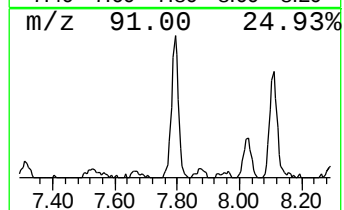
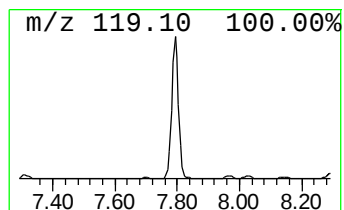
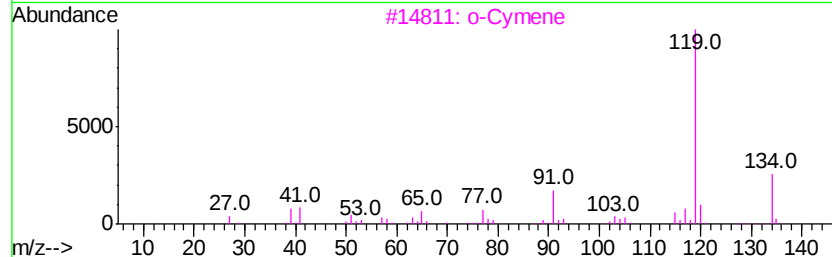
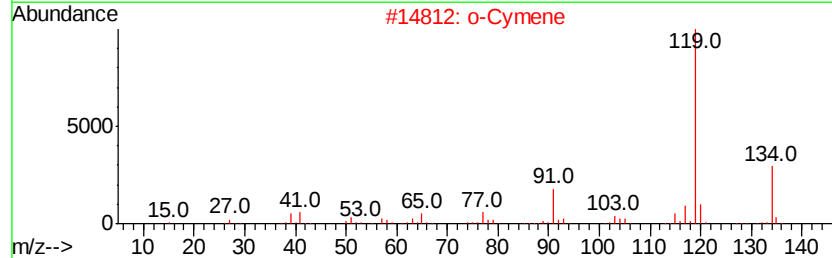
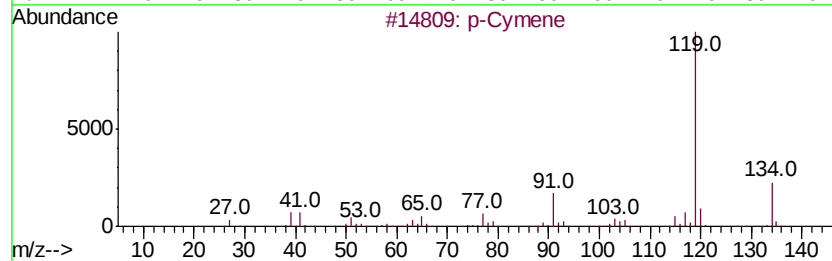
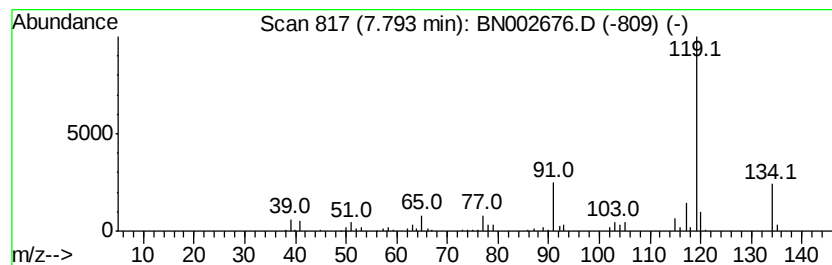
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 p-Cymene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	5.39 ng/ul	271117	1,4-Dichlorobenzene-d4	7.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	97
2			o-Cymene	134	C10H14	000527-84-4	95
3			o-Cymene	134	C10H14	000527-84-4	94
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5			o-Cymene	134	C10H14	000527-84-4	94



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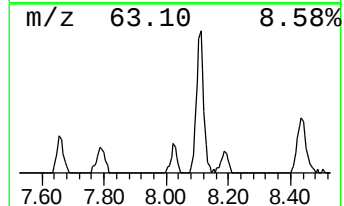
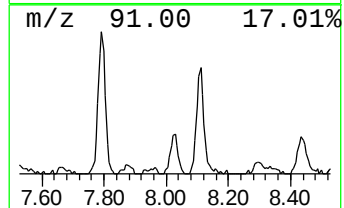
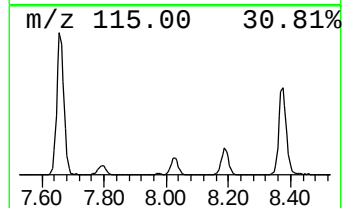
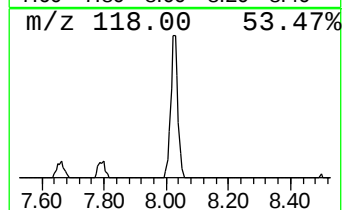
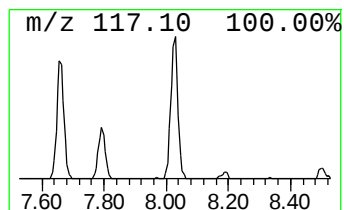
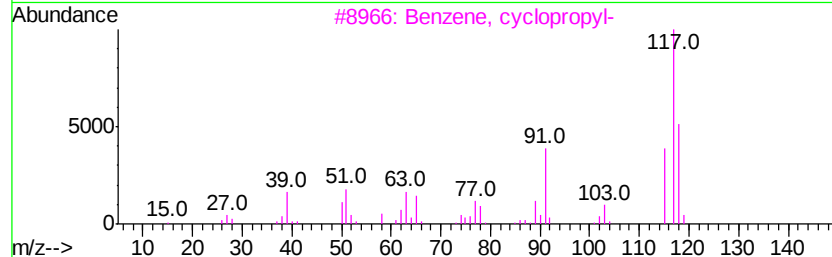
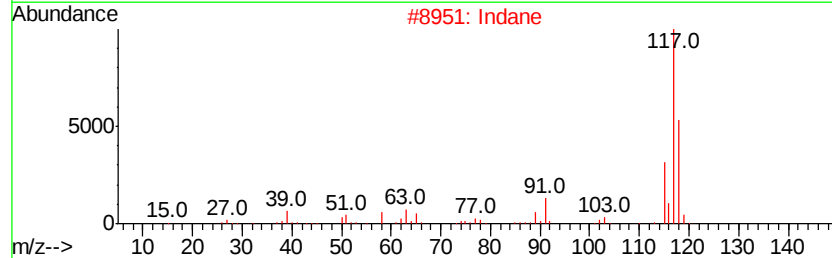
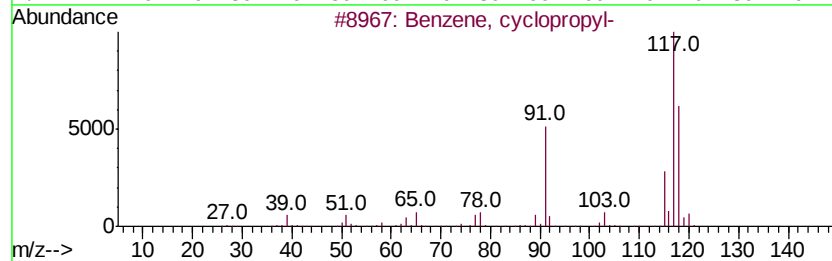
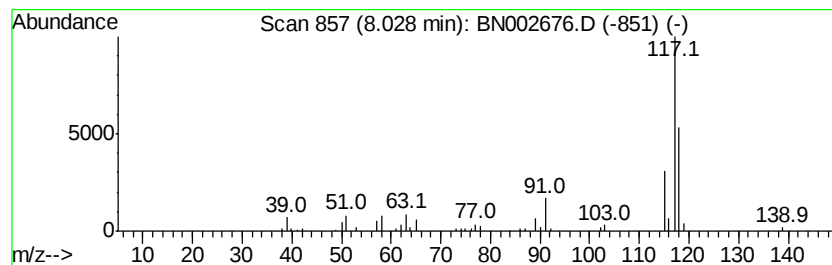
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, cyclopropyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	2.47 ng/ul	124176	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, cvclopropyl-	118	C9H10	000873-49-4	83
2		Indane	118	C9H10	000496-11-7	81
3		Benzene, cvclopropyl-	118	C9H10	000873-49-4	81
4		Tetracyclo[3.3.1.0(2,8).0(4,6)]-	118	C9H10	1000191-13-7	80
5		(Z)-1-Phenylpropene	118	C9H10	000766-90-5	64



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Data File : BN002676.D
Acq On : 13 Sep 2018 15:31
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Sample : J4837-02
Misc :
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ClientSampleId :
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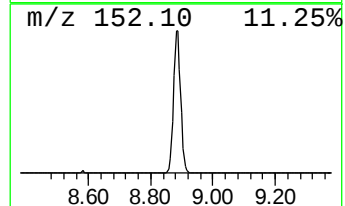
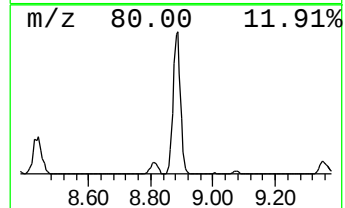
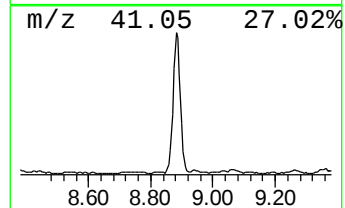
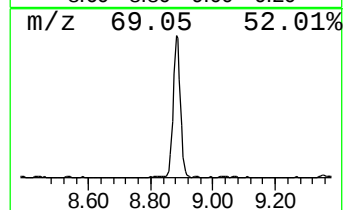
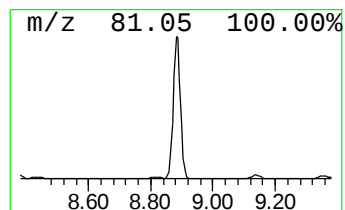
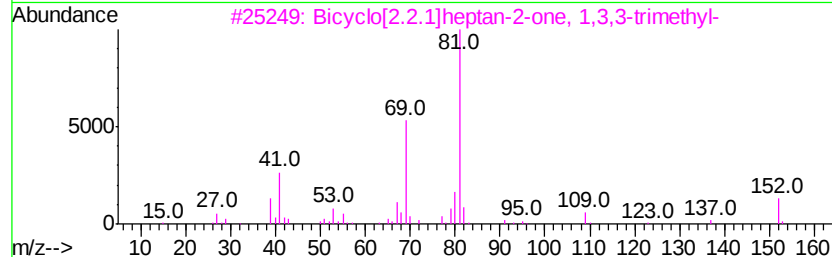
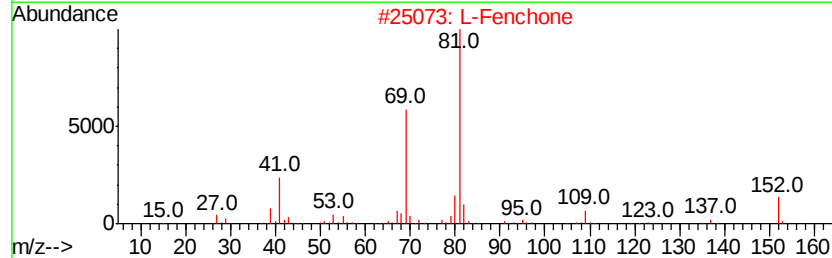
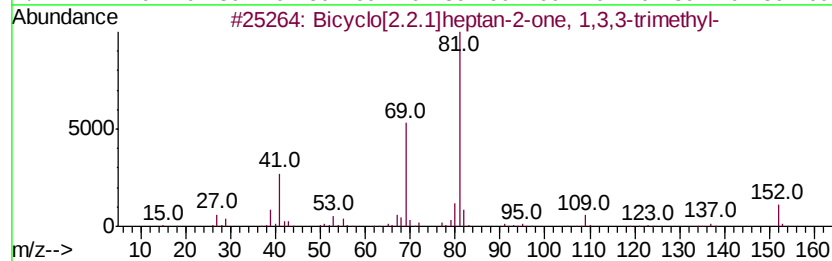
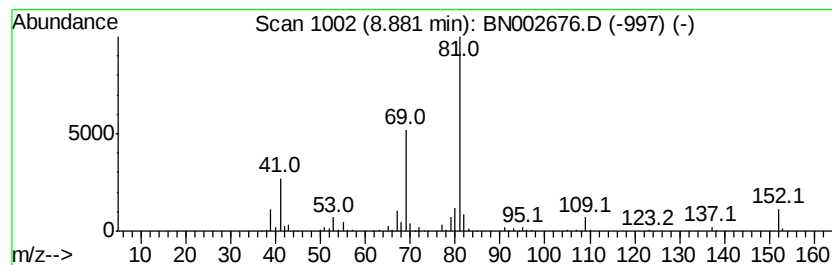
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	19.39 ng/ul	975715	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	95
2		L-Fenchone	152	C10H16O	007787-20-4	94
3		Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	94
4		L-Fenchone	152	C10H16O	007787-20-4	94
5		D-Fenchone	152	C10H16O	004695-62-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
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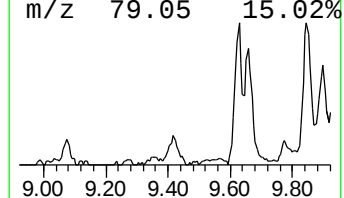
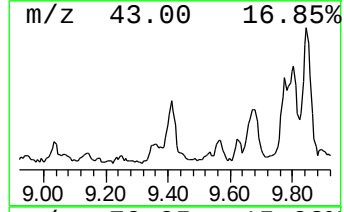
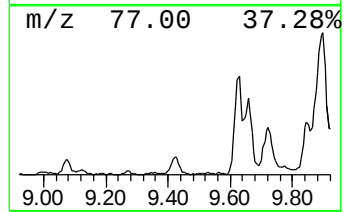
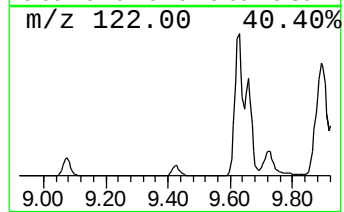
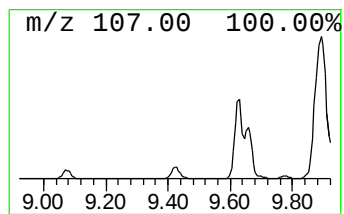
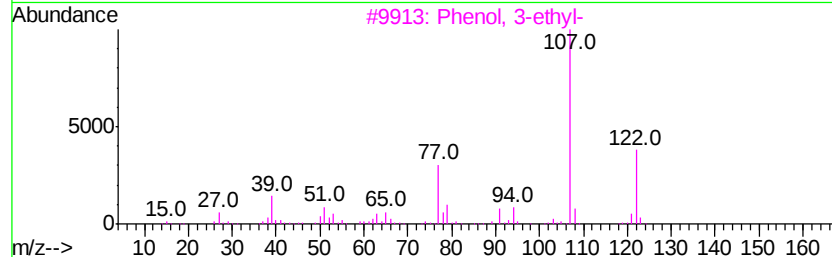
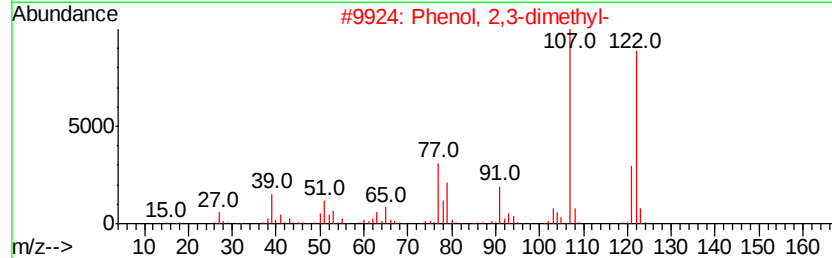
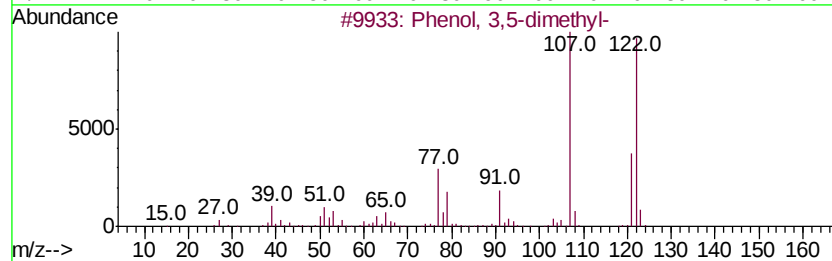
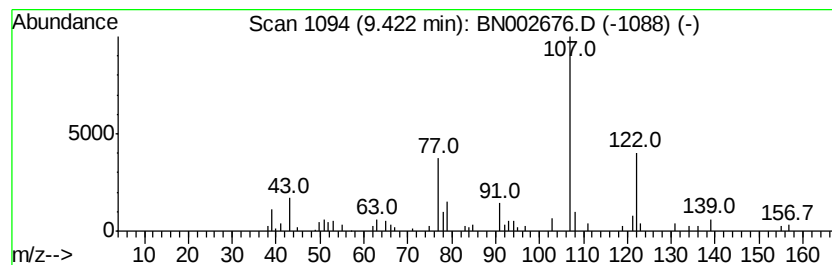
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Phenol, 3,5-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	2.04 ng/ul	159883	Napthalene-d8	10.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	83
2		Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	83
3		Phenol, 3-ethyl-	122	C8H10O	000620-17-7	81
4		Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	80
5		Phenol, 2-ethyl-	122	C8H10O	000090-00-6	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
Data File : BN002676.D
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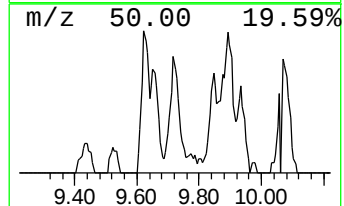
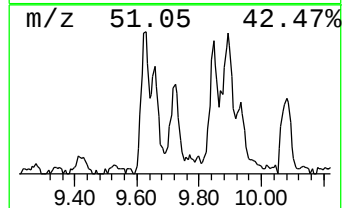
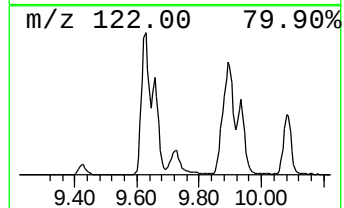
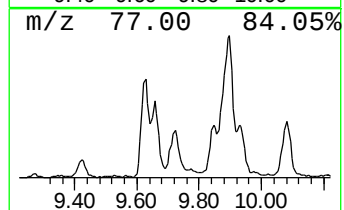
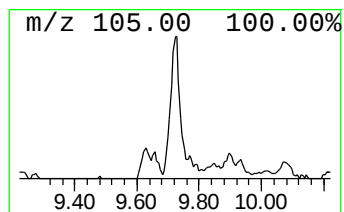
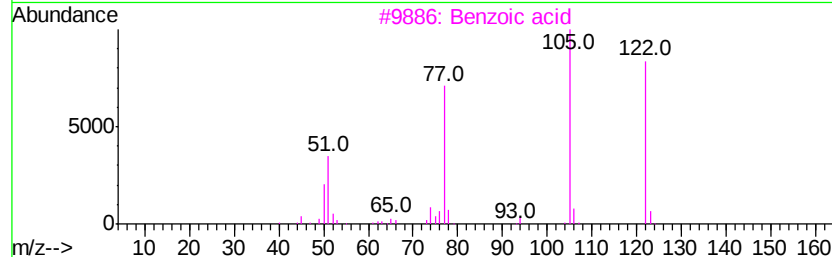
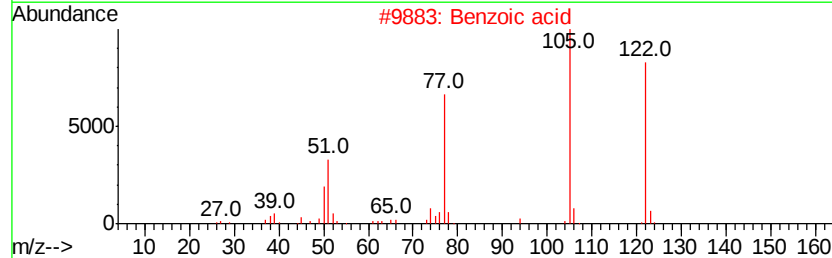
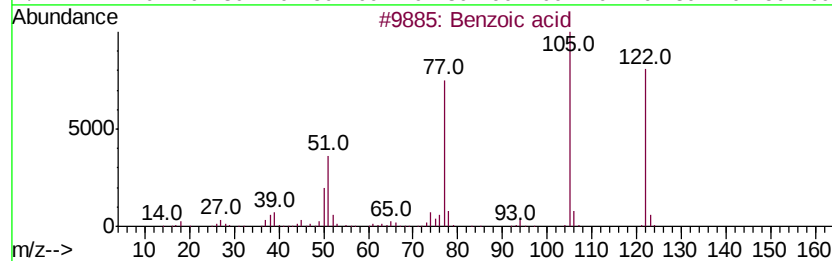
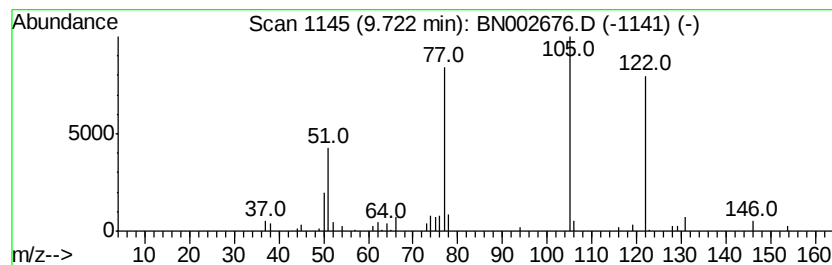
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzoic acid Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	2.02 ng/ul	158254	Naphthalene-d8	10.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid	122	C7H6O2	000065-85-0	90
2		Benzoic acid	122	C7H6O2	000065-85-0	87
3		Benzoic acid	122	C7H6O2	000065-85-0	87
4		Heptanediamide, N,N'-di-benzoyloxv-	398	C21H22N2O6	1000253-26-4	78
5		Benzoic acid	122	C7H6O2	000065-85-0	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
Data File : BN002676.D
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Sample : J4837-02
Misc :
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Instrument :
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ClientSampleId :
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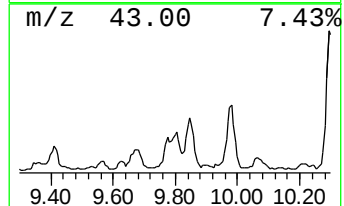
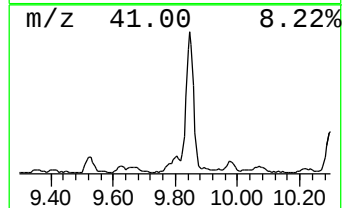
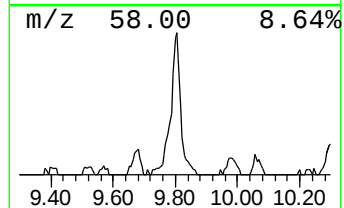
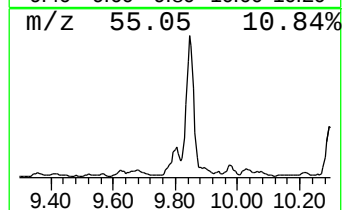
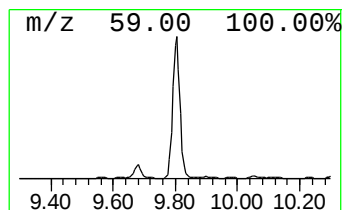
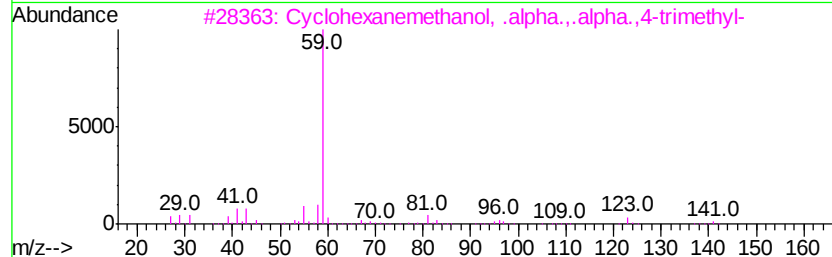
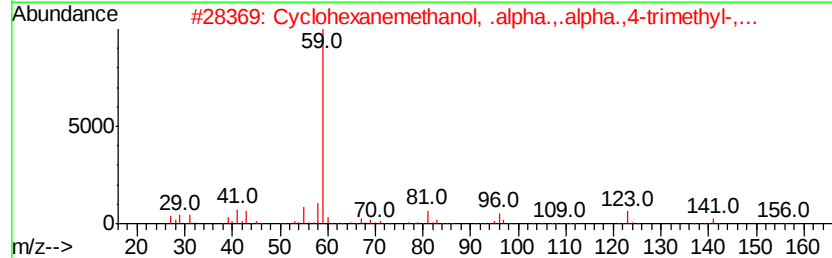
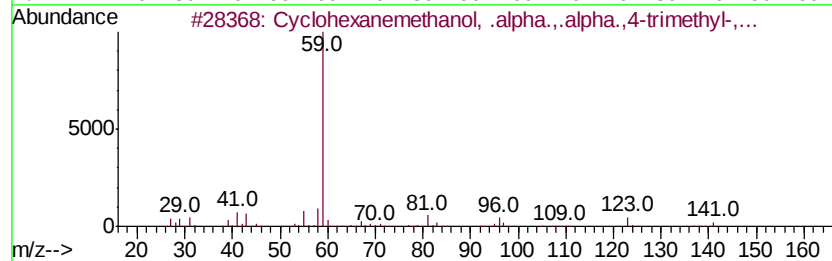
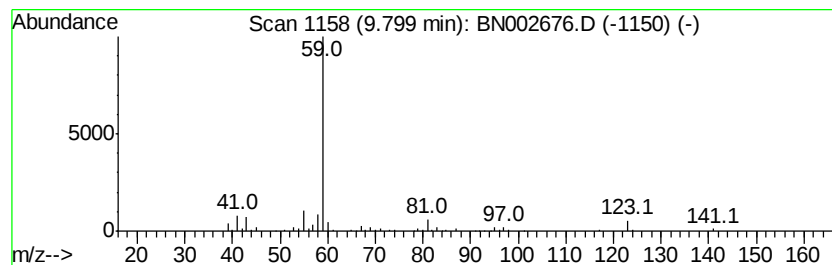
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Cyclohexanemethanol, .alpha... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	5.99 ng/ul	468662	Naphthalene-d8	10.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanemethanol, .alpha...al...	156	C10H20O	007322-63-6	83
2		Cyclohexanemethanol, .alpha...al...	156	C10H20O	005114-00-1	83
3		Cyclohexanemethanol, .alpha...al...	156	C10H20O	000498-81-7	83
4		3-Pentanol	88	C5H12O	000584-02-1	50
5		o-Menthan-8-ol	156	C10H20O	343855-44-7	40



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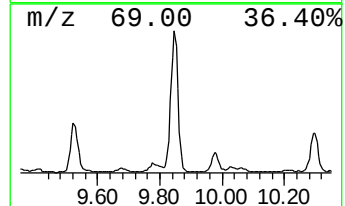
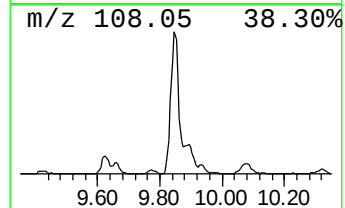
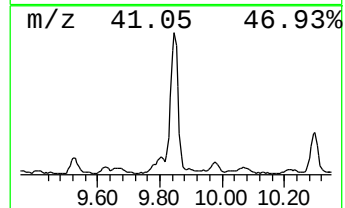
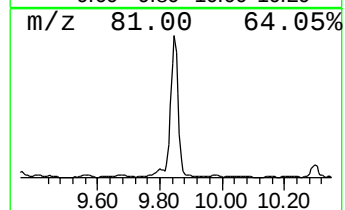
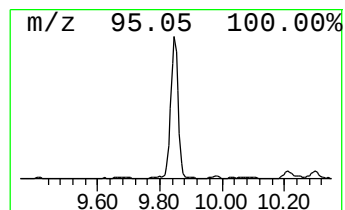
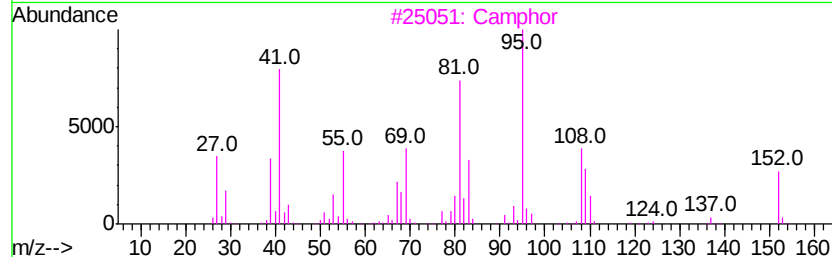
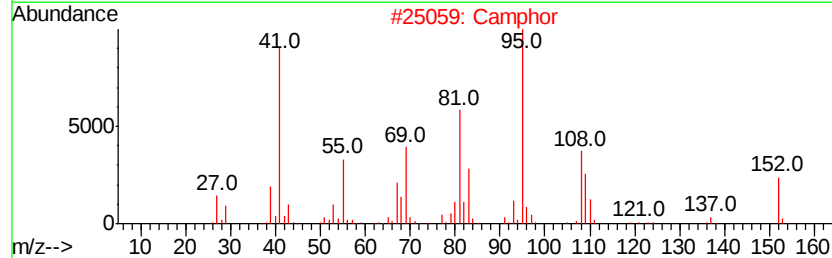
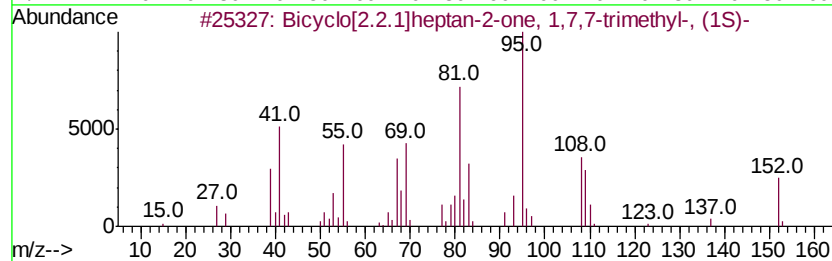
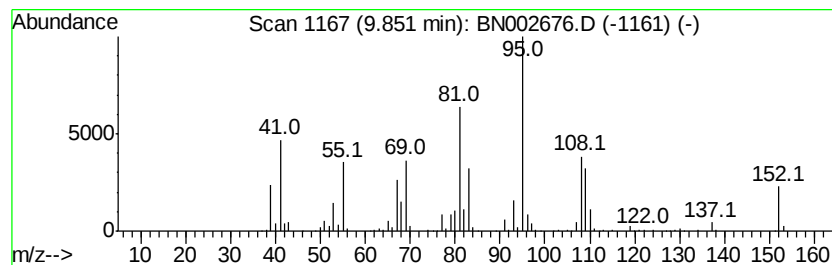
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	25.60 ng/ul	2004130	Naphthalene-d8	10.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	97
2		Camphor	152	C10H16O	000076-22-2	97
3		Camphor	152	C10H16O	000076-22-2	96
4		(+)-2-Bornanone	152	C10H16O	000464-49-3	96
5		(+)-2-Bornanone	152	C10H16O	000464-49-3	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
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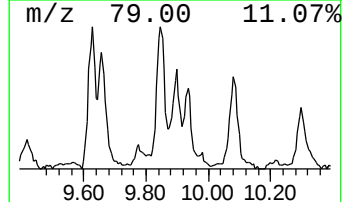
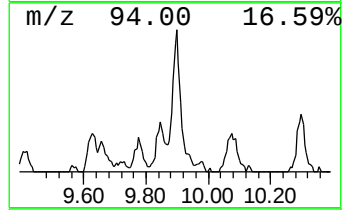
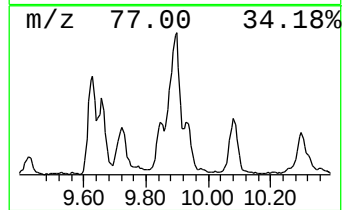
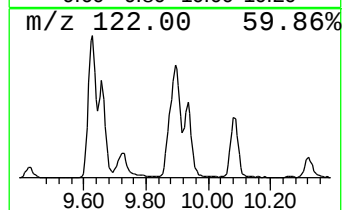
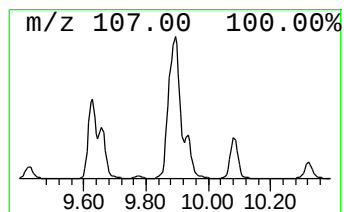
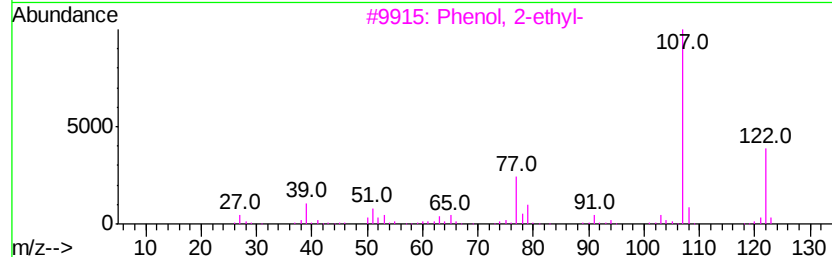
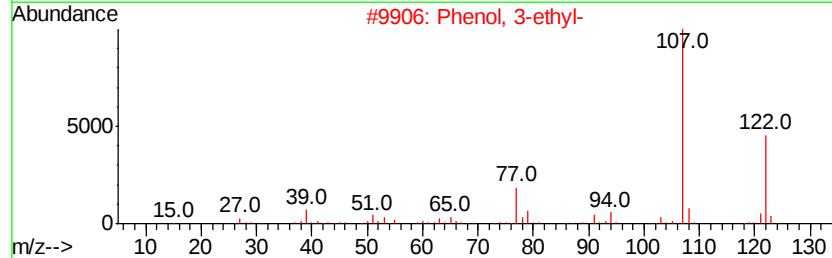
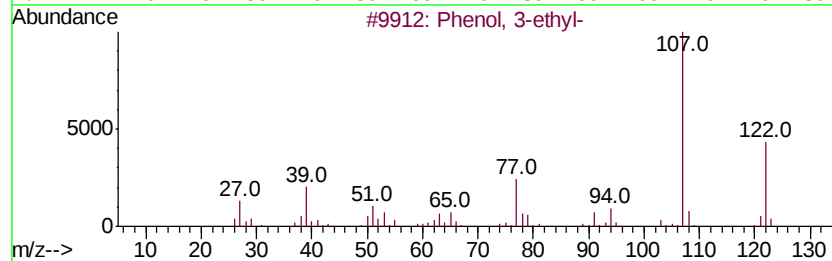
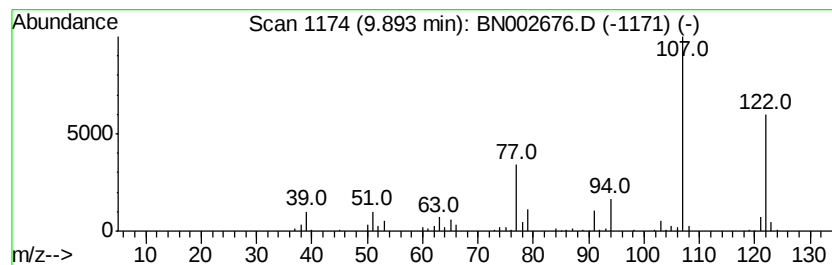
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Phenol, 3-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	10.10 ng/ul	790599	Naphthalene-d8	10.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
2		Phenol, 3-ethyl-	122	C8H10O	000620-17-7	86
3		Phenol, 2-ethyl-	122	C8H10O	000090-00-6	80
4		Phenol, 2-ethyl-	122	C8H10O	000090-00-6	80
5		Phenol, 3-ethyl-	122	C8H10O	000620-17-7	72



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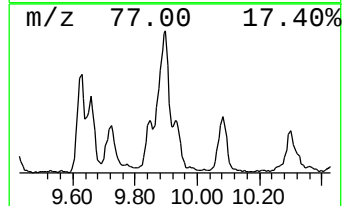
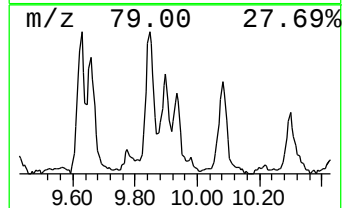
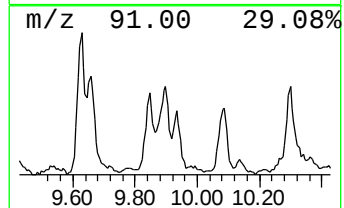
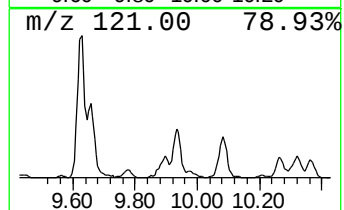
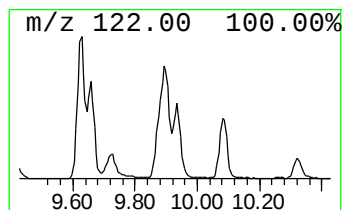
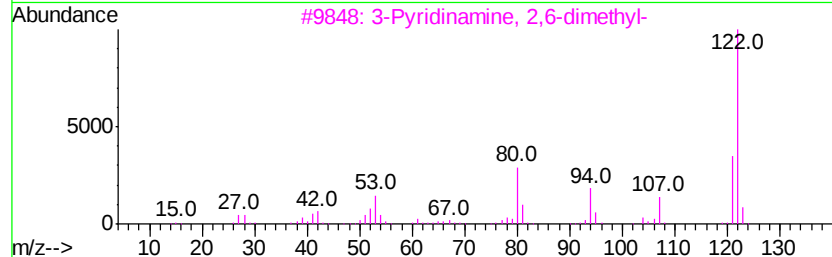
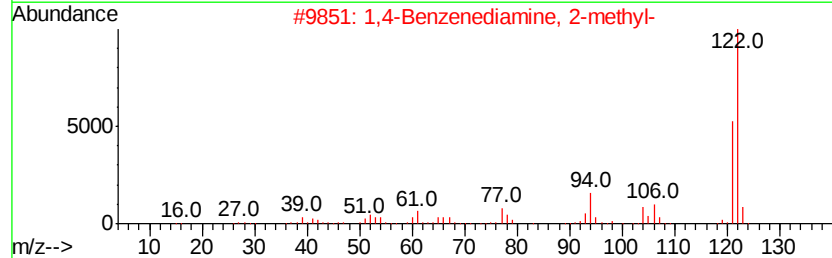
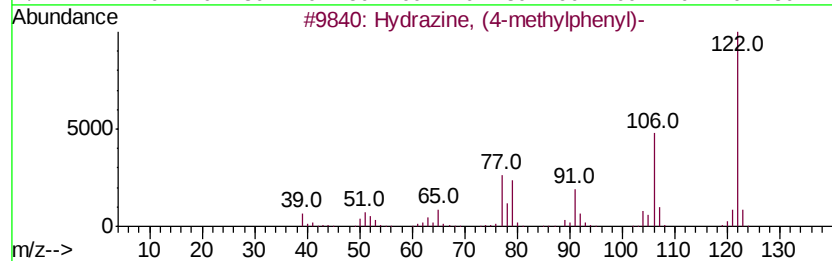
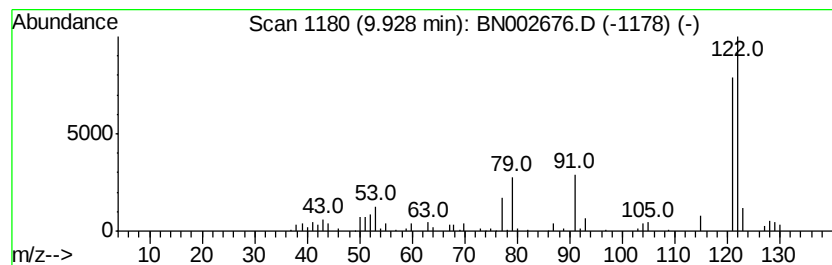
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Hydrazine, (4-methylphenyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	4.46 ng/ul	349127	Naphthalene-d8	10.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hydrazine, (4-methylphenyl)-	122	C7H10N2	000539-44-6	59
2		1,4-Benzenediamine, 2-methyl-	122	C7H10N2	000095-70-5	53
3		3-Pyridinamine, 2,6-dimethyl-	122	C7H10N2	003430-33-9	52
4		1,2-Benzenediamine, 4-methyl-	122	C7H10N2	000496-72-0	52
5		Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091318\
Data File : BN002676.D
Acq On : 13 Sep 2018 15:31
Operator : JU/SJ
Sample : J4837-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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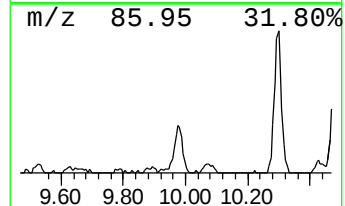
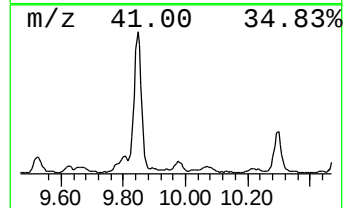
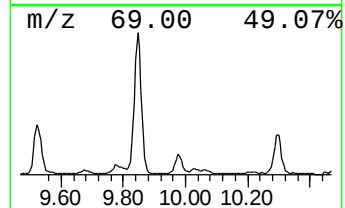
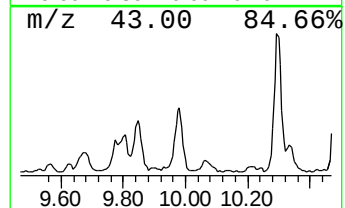
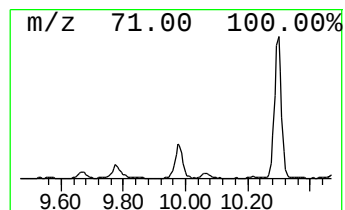
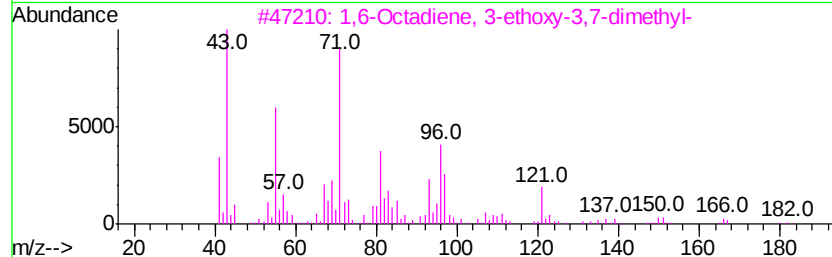
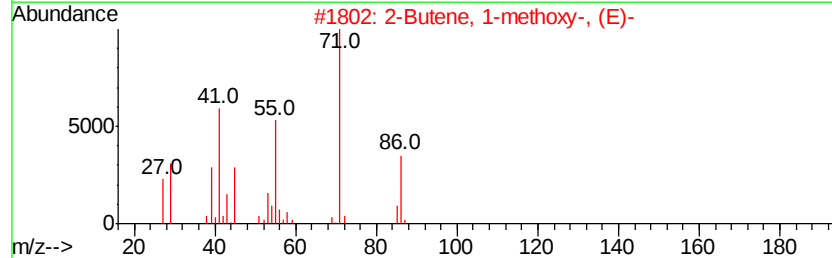
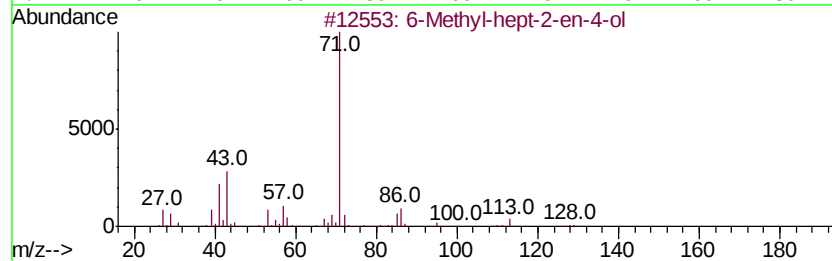
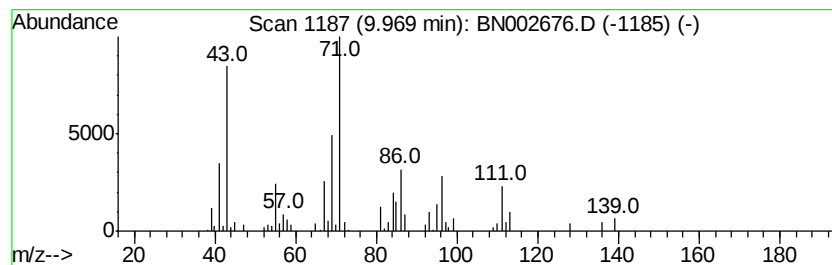
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 unknown-01 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	2.79 ng/ul	218501	Naphthalene-d8	10.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Methyl-hept-2-en-4-ol	128	C8H16O	083212-30-0	47
2		2-Butene, 1-methoxy-, (E)-	86	C5H10O	010034-14-7	43
3		1,6-Octadiene, 3-ethoxy-3,7-dime...	182	C12H22O	072845-33-1	42
4		2-Buten-1-ol, 3-methyl-	86	C5H10O	000556-82-1	40
5		Ether, 1-hexadecenyl methyl	254	C17H34O	015519-14-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
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Sample : J4837-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampled :
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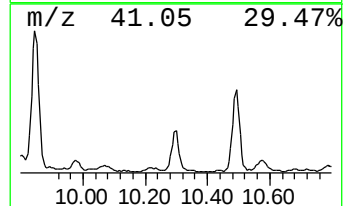
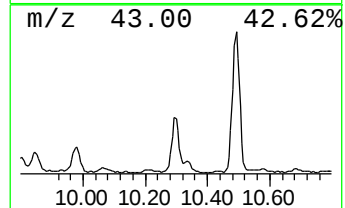
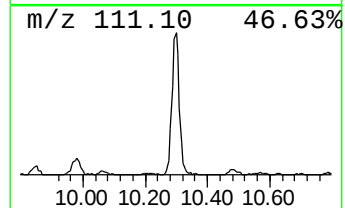
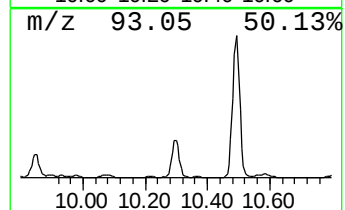
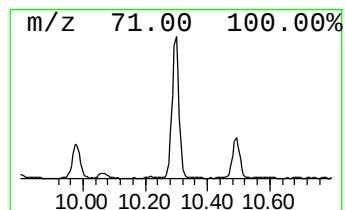
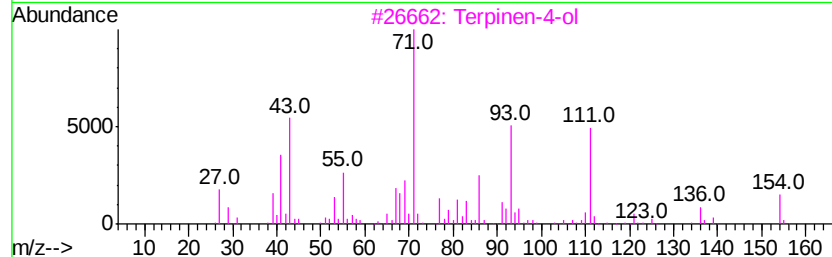
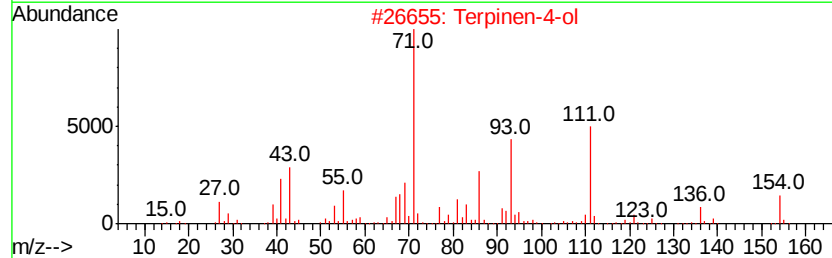
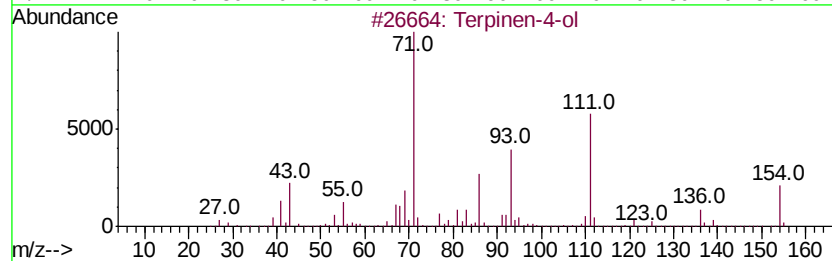
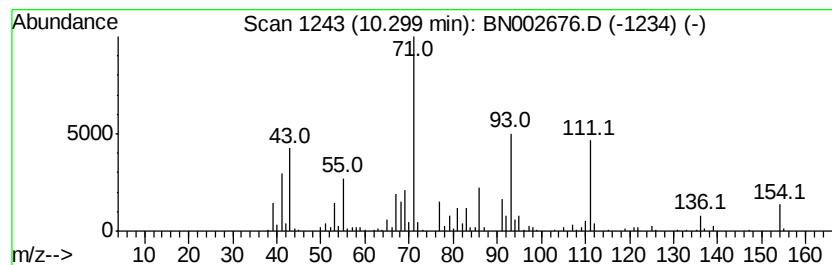
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Terpinen-4-ol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	11.01 ng/ul	861873	Naphthalene-d8	10.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Terpinen-4-ol	154	C10H18O	000562-74-3	95
2			Terpinen-4-ol	154	C10H18O	000562-74-3	93
3			Terpinen-4-ol	154	C10H18O	000562-74-3	93
4			3-Cyclohexen-1-ol, 4-methyl-1-(1...	154	C10H18O	020126-76-5	93
5			Terpinen-4-ol	154	C10H18O	000562-74-3	93



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Misc :
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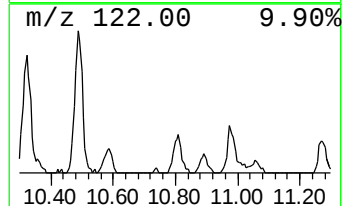
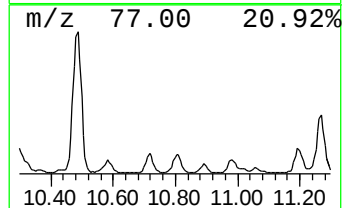
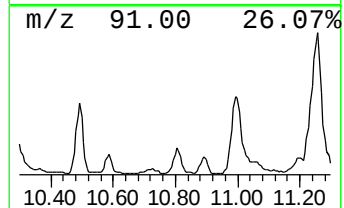
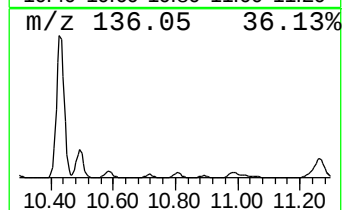
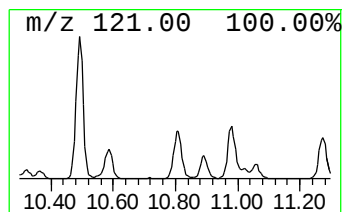
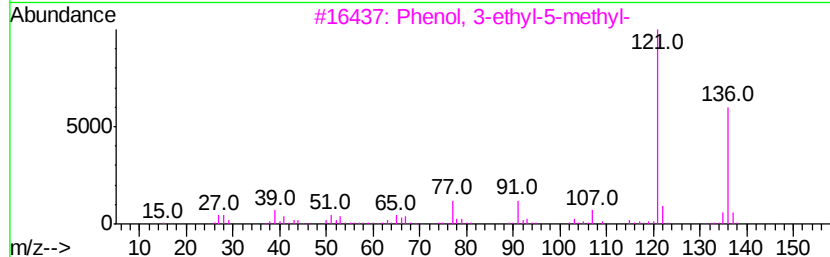
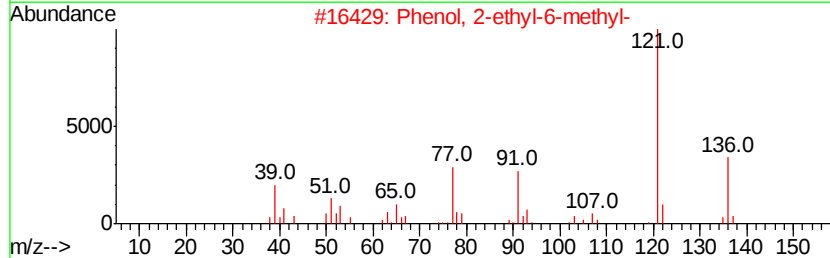
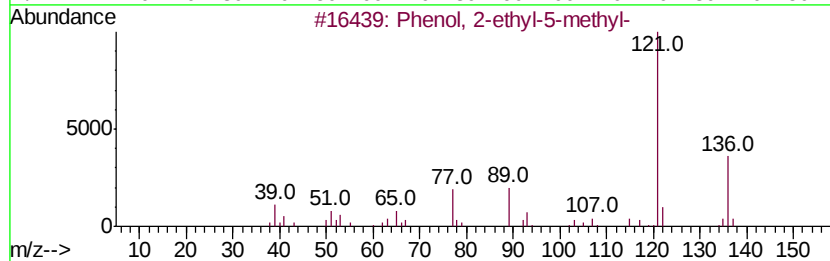
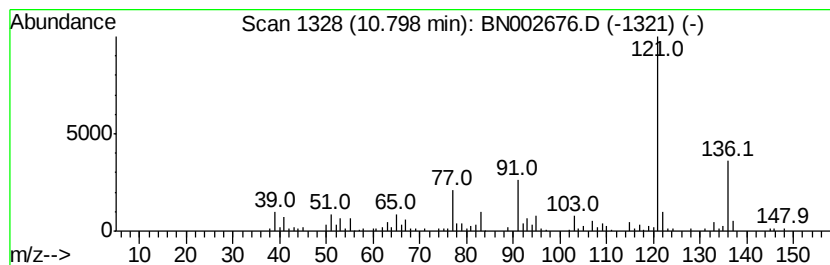
Instrument :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Phenol, 2-ethyl-5-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	4.01 ng/ul	314099	Napthalene-d8	10.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Phenol, 2-ethyl-5-methyl-	136 C9H12O	001687-61-2	94
2	Phenol, 2-ethyl-6-methyl-	136 C9H12O	001687-64-5	94
3	Phenol, 3-ethyl-5-methyl-	136 C9H12O	000698-71-5	91
4	Phenol, 3-ethyl-5-methyl-	136 C9H12O	000698-71-5	91
5	Phenol, 2-ethyl-5-methyl-	136 C9H12O	001687-61-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091318\
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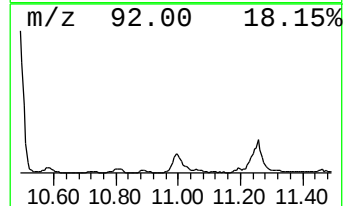
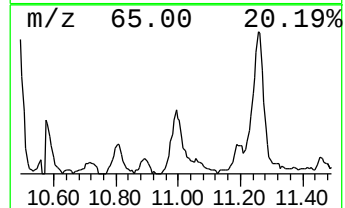
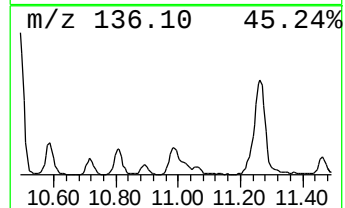
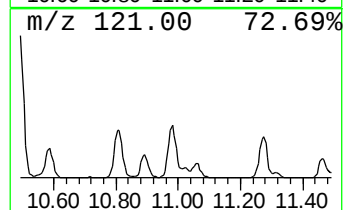
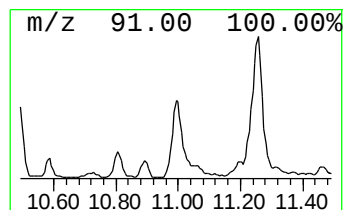
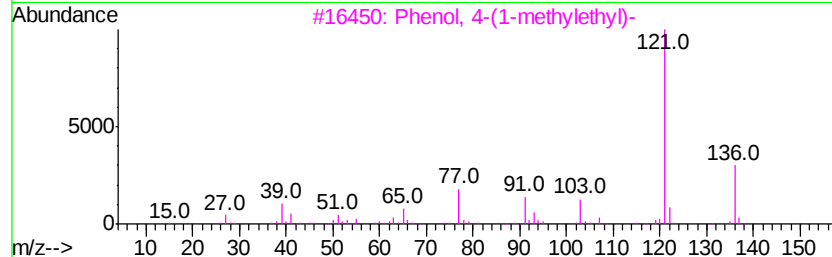
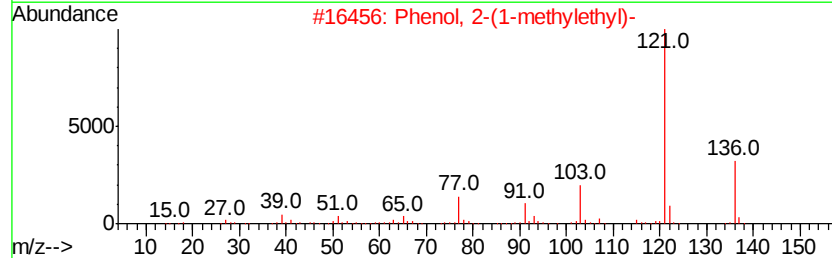
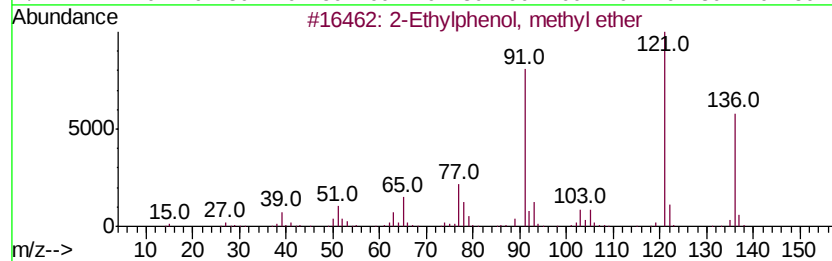
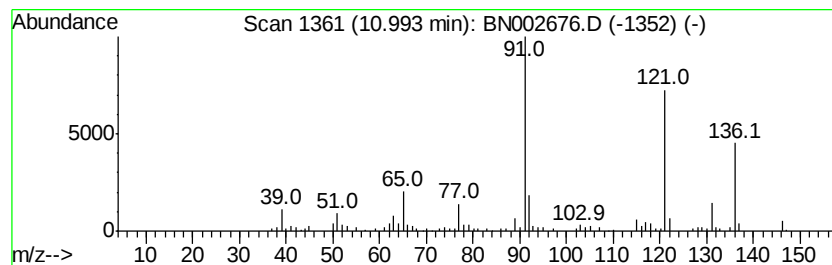
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 2-Ethylphenol, methyl ether Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	5.78 ng/ul	452634	Napthalene-d8	10.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Ethylphenol, methyl ether	136 C9H12O	1000333-44-2	90
2	Phenol, 2-(1-methylethyl)-	136 C9H12O	000088-69-7	81
3	Phenol, 4-(1-methylethyl)-	136 C9H12O	000099-89-8	76
4	Phenol, 2,4,6-trimethyl-	136 C9H12O	000527-60-6	74
5	Phenol, 3-(1-methylethyl)-	136 C9H12O	000618-45-1	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
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Sample : J4837-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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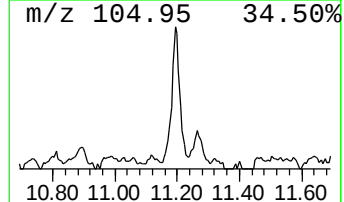
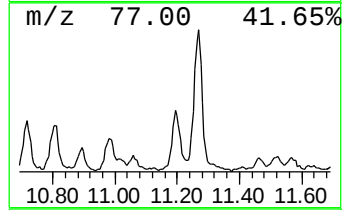
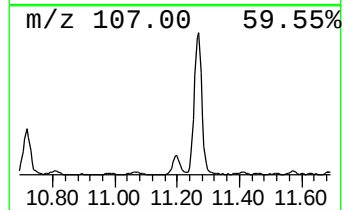
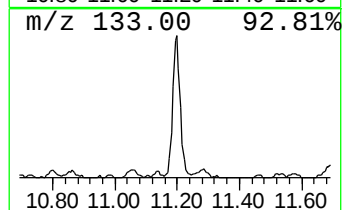
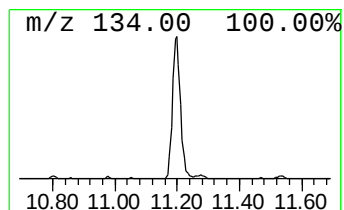
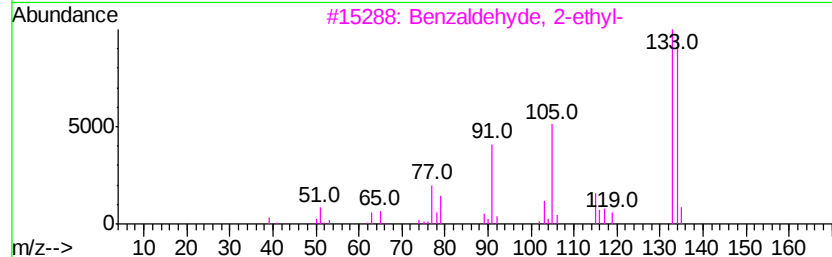
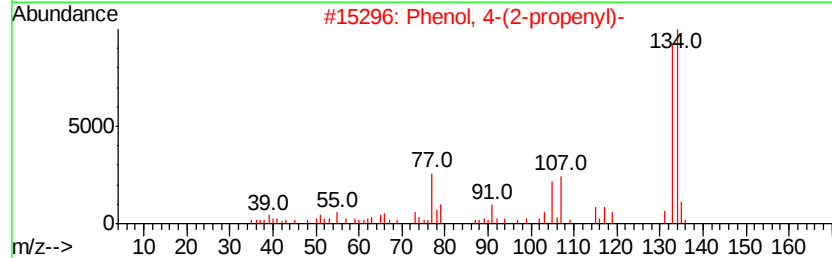
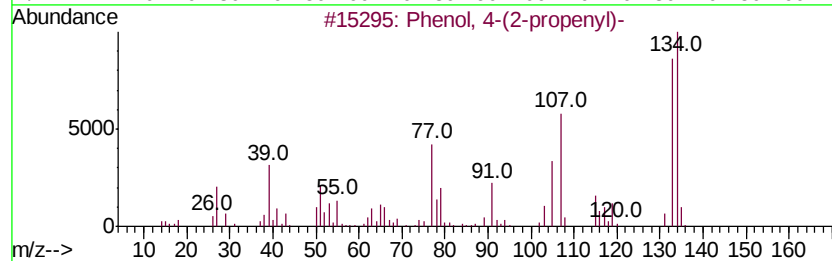
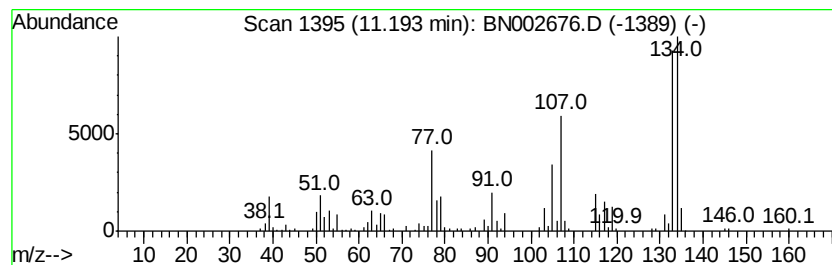
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 Phenol, 4-(2-propenyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	4.16 ng/ul	325817	Napthalene-d8	10.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4-(2-propenyl)-	134	C9H10O	000501-92-8	98
2		Phenol, 4-(2-propenyl)-	134	C9H10O	000501-92-8	91
3		Benzaldehyde, 2-ethyl-	134	C9H10O	022927-13-5	70
4		Benzaldehyde, 3-ethyl-	134	C9H10O	034246-54-3	64
5		Benzaldehyde, 4-ethyl-	134	C9H10O	004748-78-1	64



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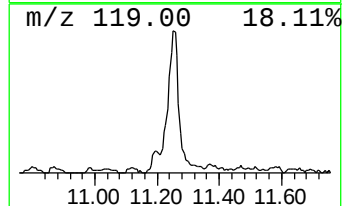
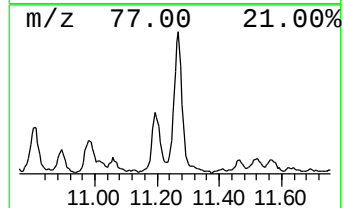
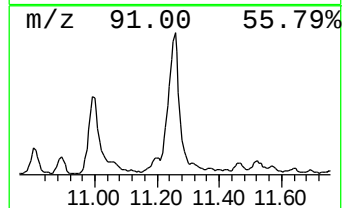
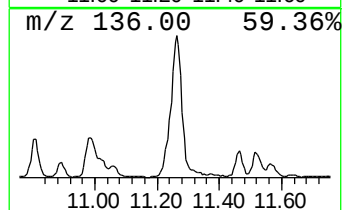
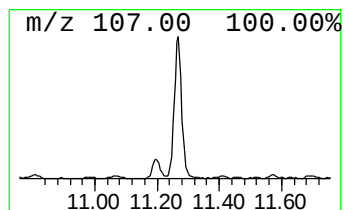
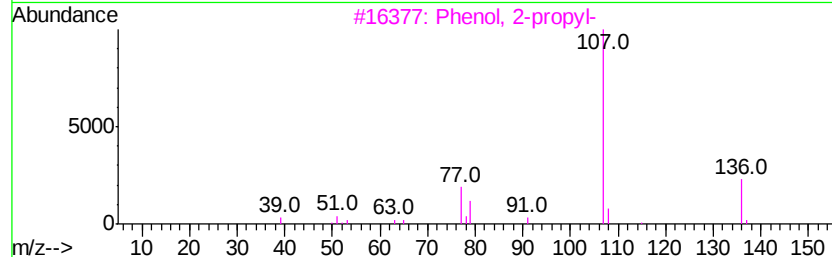
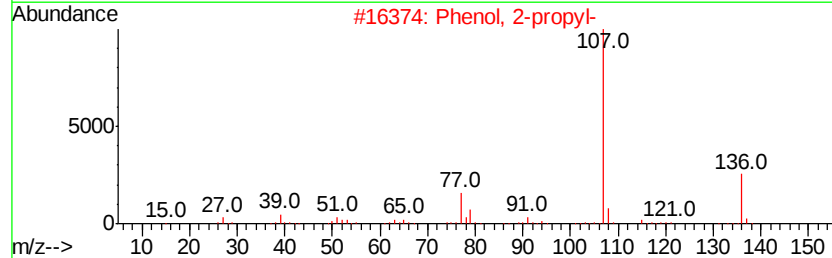
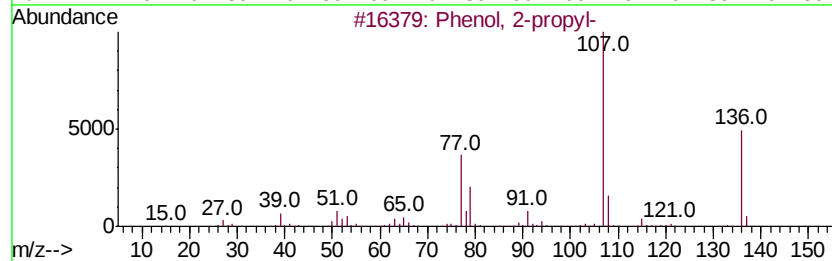
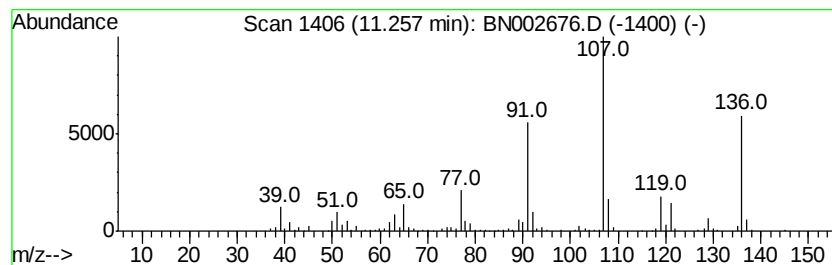
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 Phenol, 2-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	12.69 ng/ul	993519	Naphthalene-d8	10.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2-propyl-	136	C9H12O	000644-35-9	78
2		Phenol, 2-propyl-	136	C9H12O	000644-35-9	64
3		Phenol, 2-propyl-	136	C9H12O	000644-35-9	64
4		Phenol, 2-propyl-	136	C9H12O	000644-35-9	64
5		Phenol, 3-propyl-	136	C9H12O	000621-27-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
Data File : BN002676.D
Acq On : 13 Sep 2018 15:31
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Sample : J4837-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C08H5

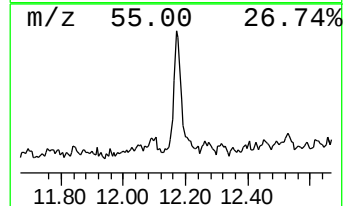
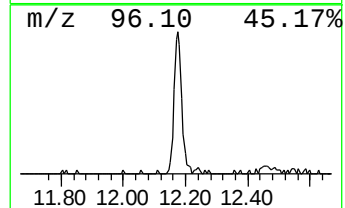
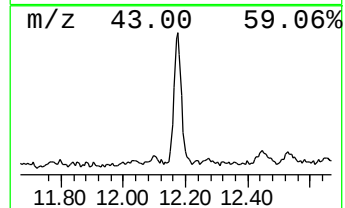
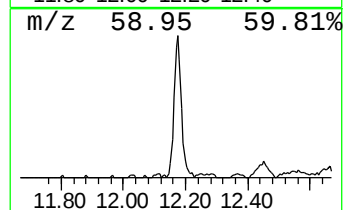
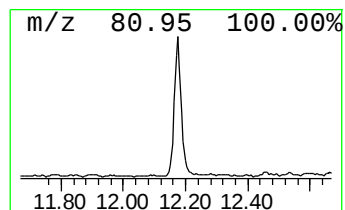
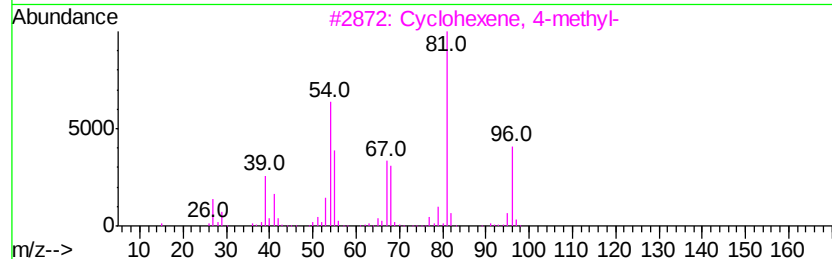
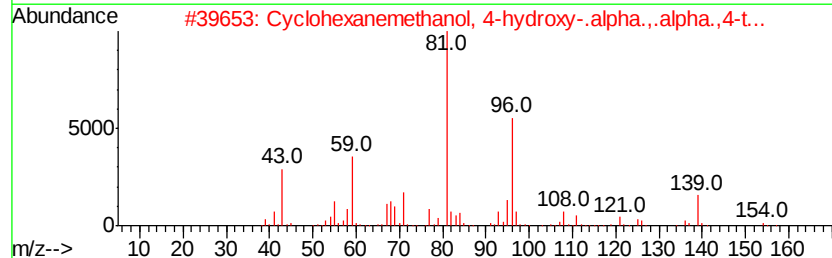
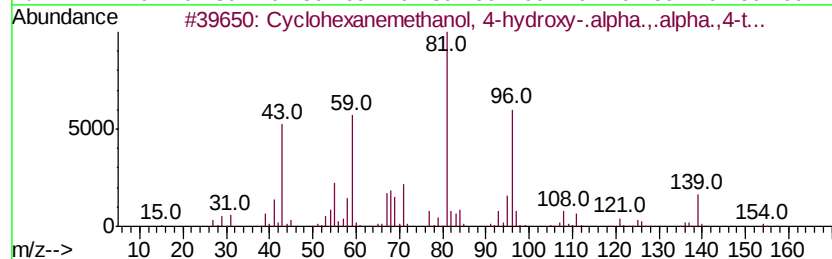
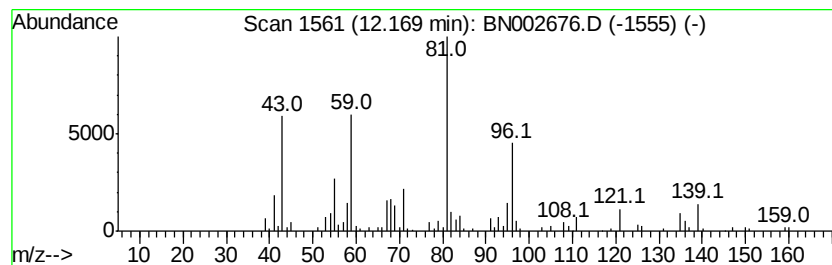
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 Cyclohexanemethanol, 4-hydr... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	3.97 ng/ul	310581	Naphthalene-d8	10.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanemethanol, 4-hydroxy-....	172	C10H20O2	000080-53-5	91
2			Cyclohexanemethanol, 4-hydroxy-....	172	C10H20O2	000080-53-5	64
3			Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	46
4			2-Butenenitrile, 2-amino-3-methyl-	96	C5H8N2	1000196-28-0	43
5			Cyclopentane, 1-methyl-2-methylene-	96	C7H12	041158-41-2	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
Data File : BN002676.D
Acq On : 13 Sep 2018 15:31
Operator : JU/SJ
Sample : J4837-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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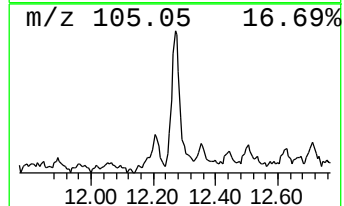
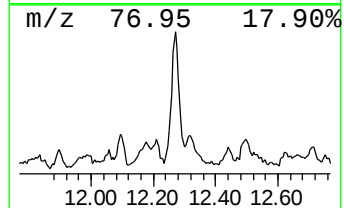
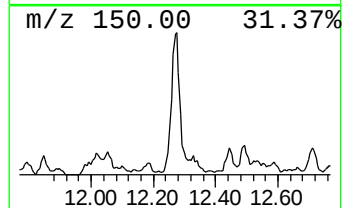
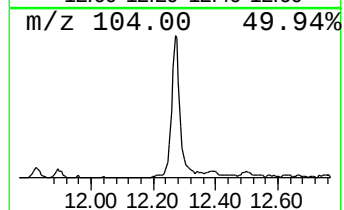
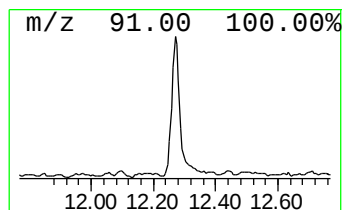
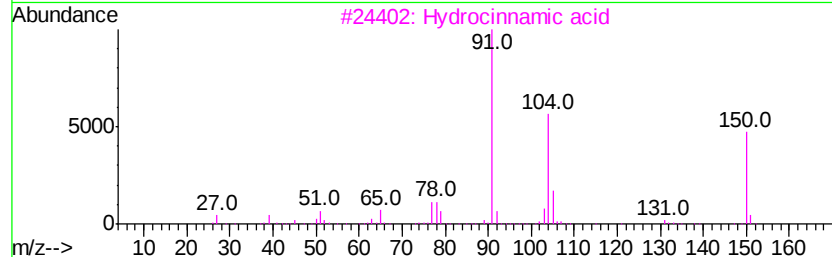
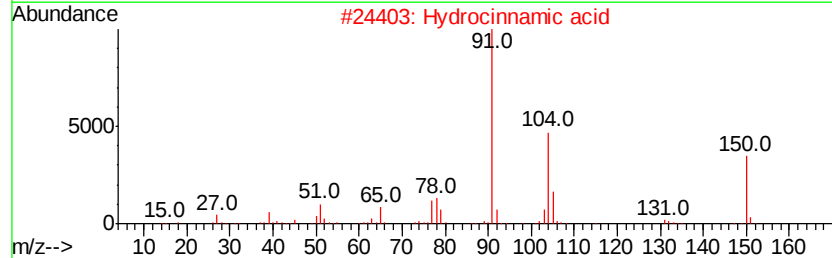
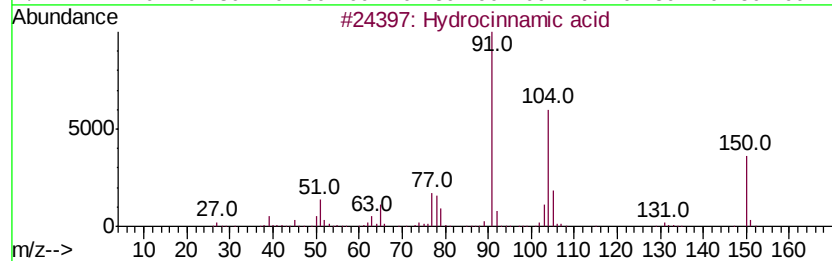
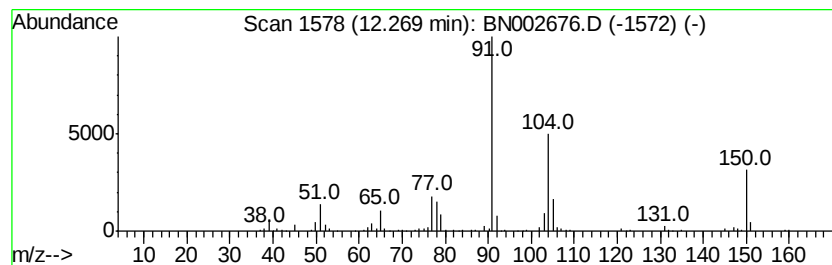
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 Hydrocinnamic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	4.62 ng/ul	361591	Napthalene-d8	10.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hydrocinnamic acid	150	C9H10O2	000501-52-0	96
2		Hydrocinnamic acid	150	C9H10O2	000501-52-0	93
3		Hydrocinnamic acid	150	C9H10O2	000501-52-0	93
4		4-Nitrosophenyl-.beta.-phenylpro...	255	C15H13NO3	1000129-40-0	78
5		Hydrocinnamic acid	150	C9H10O2	000501-52-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
Data File : BN002676.D
Acq On : 13 Sep 2018 15:31
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Sample : J4837-02
Misc :
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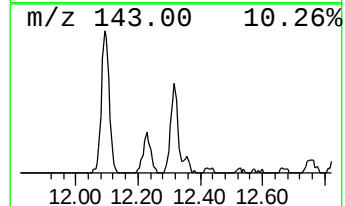
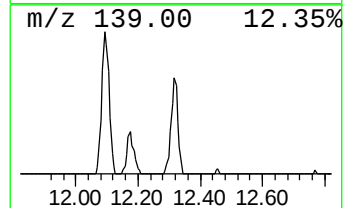
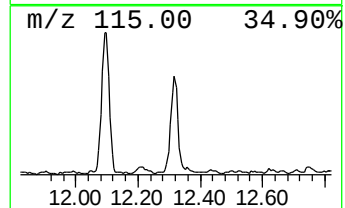
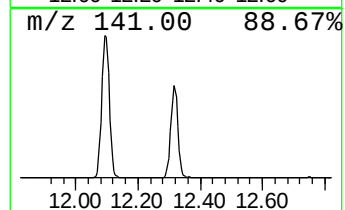
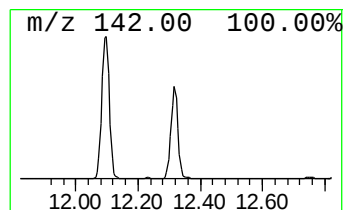
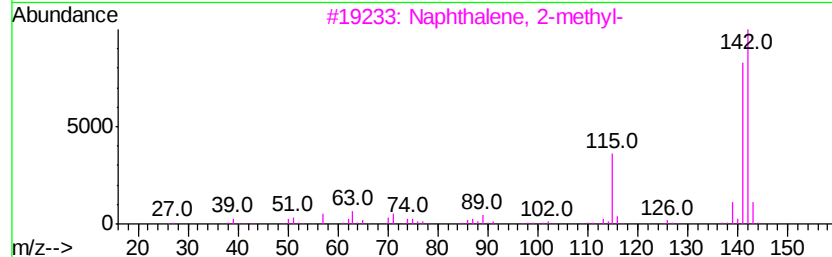
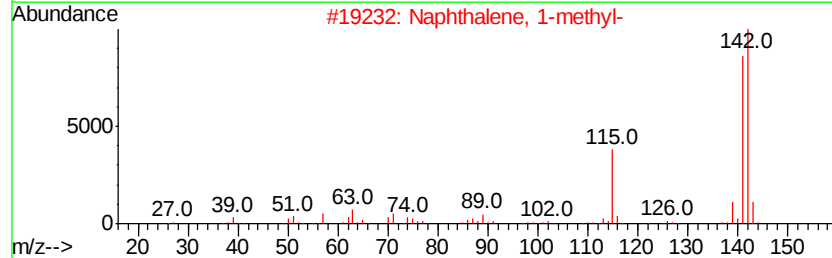
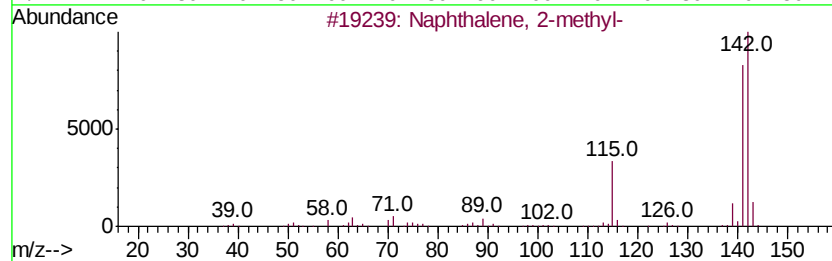
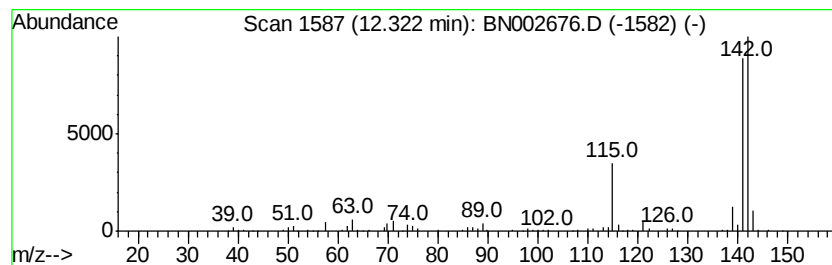
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 Naphthalene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	5.28 ng/ul	413241	Naphthalene-d8	10.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 96
2		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 96
3		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 96
4		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 94
5		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
Data File : BN002676.D
Acq On : 13 Sep 2018 15:31
Operator : JU/SJ
Sample : J4837-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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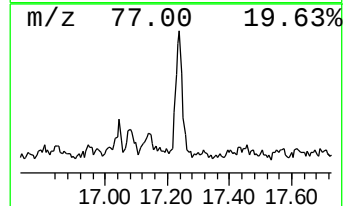
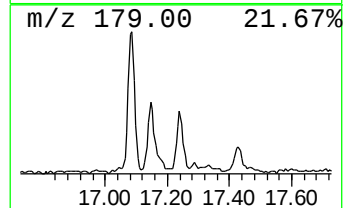
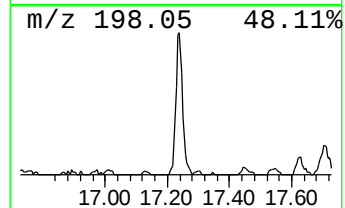
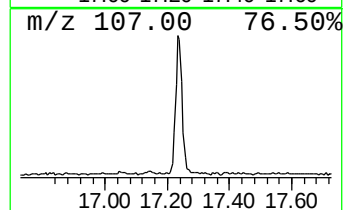
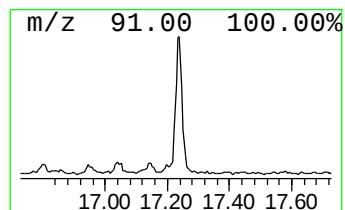
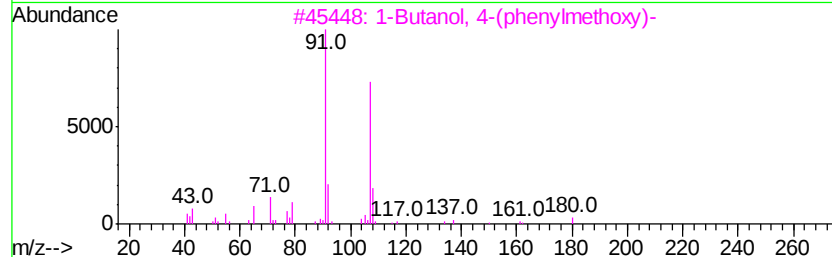
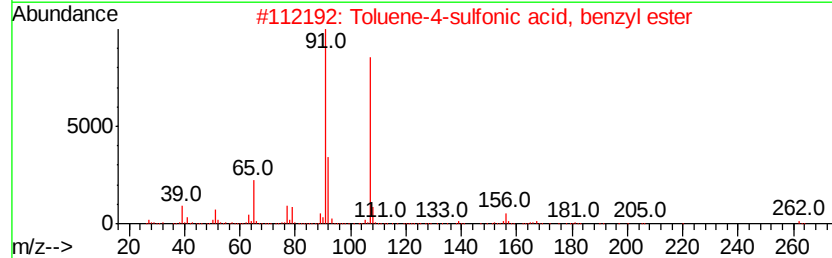
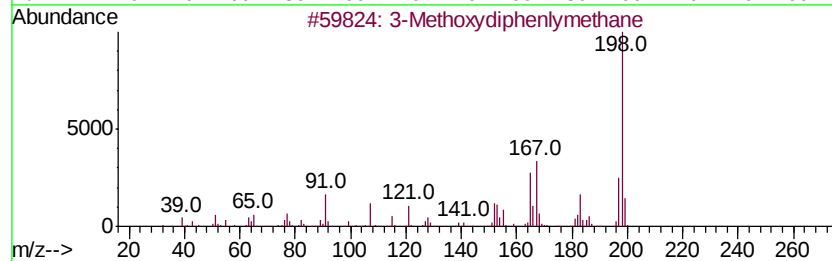
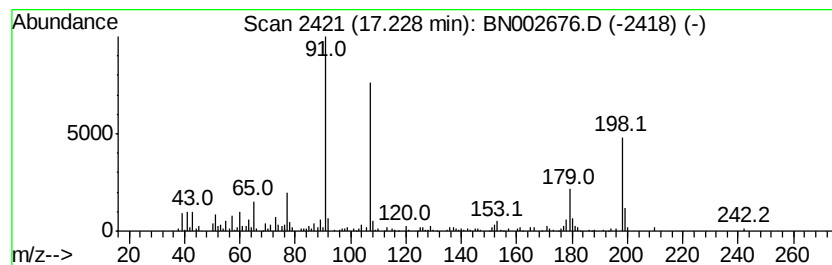
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 3-Methoxydiphenylmethane Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	2.65 ng/ul	295494	Phenanthrene-d10	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Methoxydiphenylmethane	198	C14H14O	023450-27-3	53
2		Toluene-4-sulfonic acid, benzyl ...	262	C14H14O3S	001024-41-5	38
3		1-Butanol, 4-(phenylmethoxy)-	180	C11H16O2	004541-14-4	38
4		Benzenepropanoic acid, 4-hydroxy...	256	C16H16O3	1000337-79-0	35
5		4-(2-Methoxyethyl)phenol	152	C9H12O2	056718-71-9	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
Data File : BN002676.D
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Sample : J4837-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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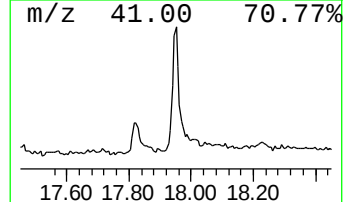
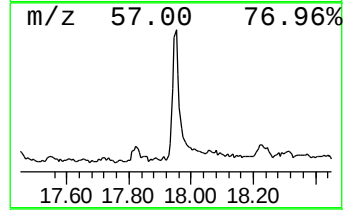
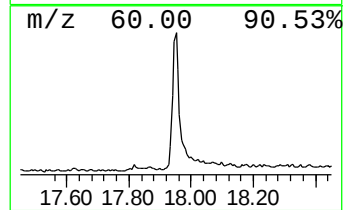
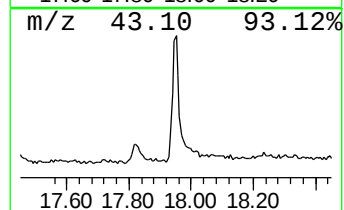
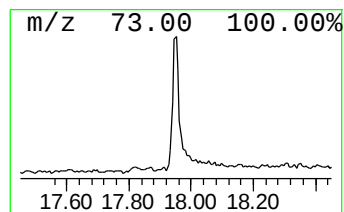
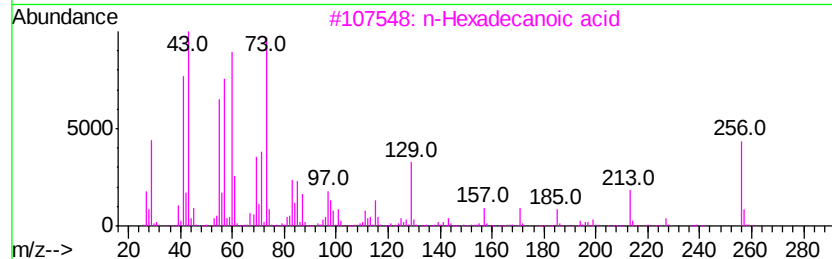
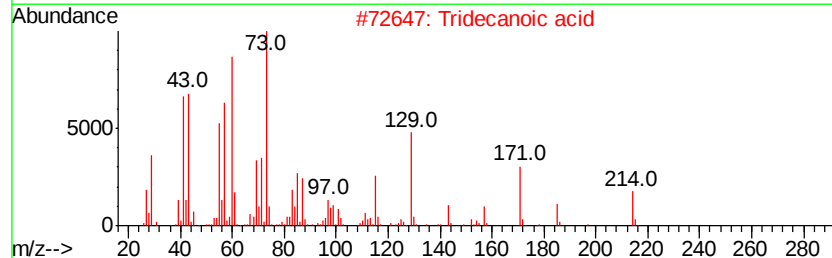
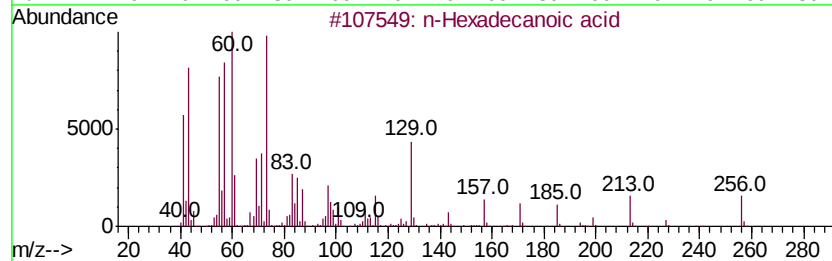
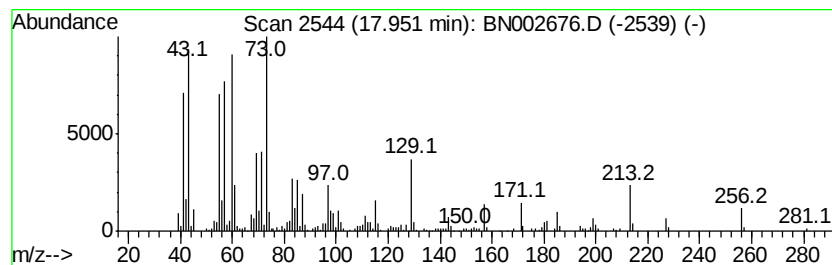
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	4.99 ng/ul	556848	Phenanthrene-d10	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
5		Tridecanoic acid	214	C13H26O2	000638-53-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
Data File : BN002676.D
Acq On : 13 Sep 2018 15:31
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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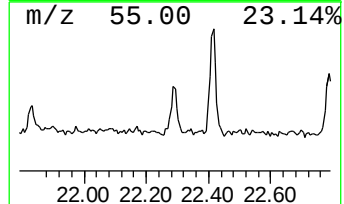
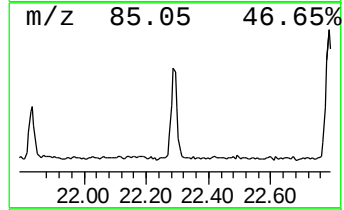
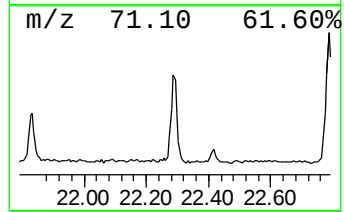
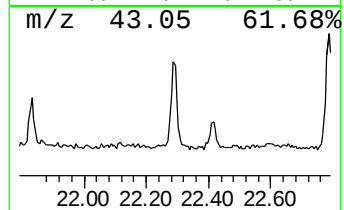
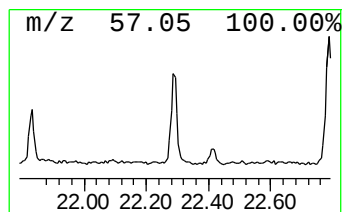
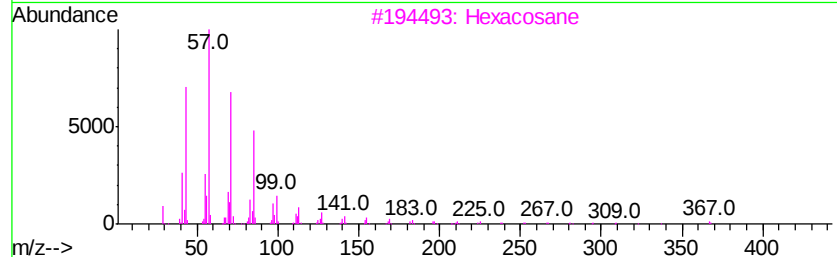
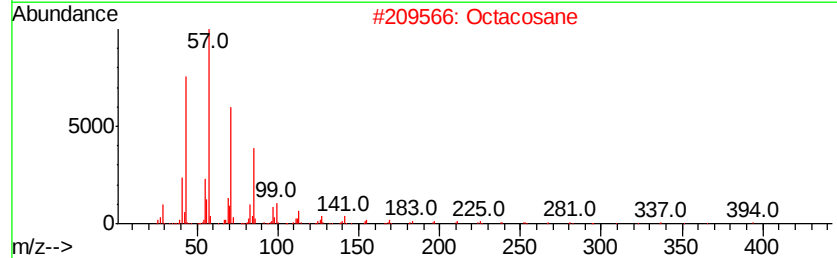
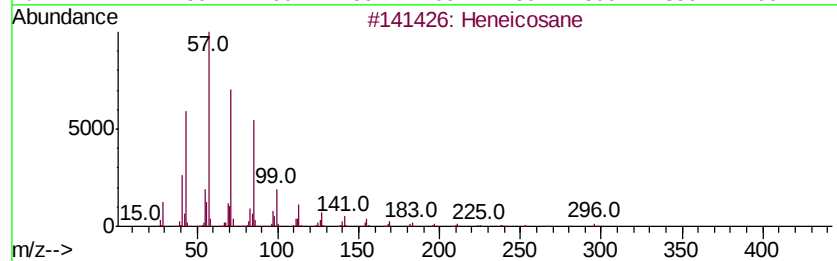
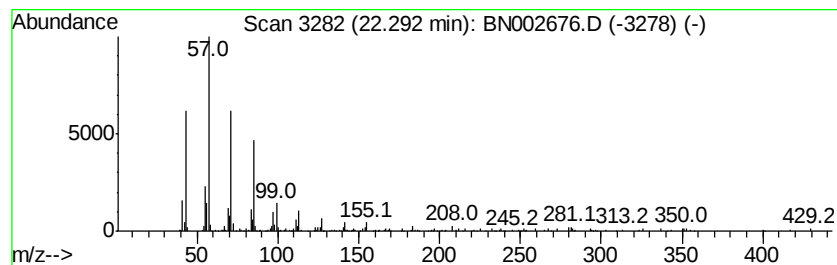
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	2.92 ng/ul	264666	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Octacosane	394	C28H58	000630-02-4	90
3		Hexacosane	366	C26H54	000630-01-3	86
4		Docosane	310	C22H46	000629-97-0	83
5		Heptacosane	380	C27H56	000593-49-7	83



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Misc :
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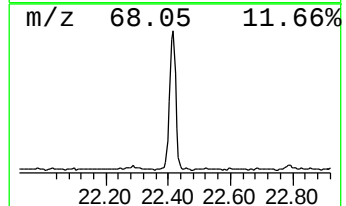
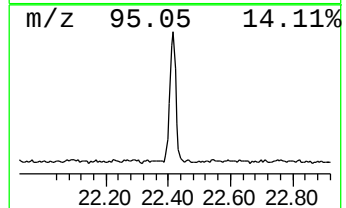
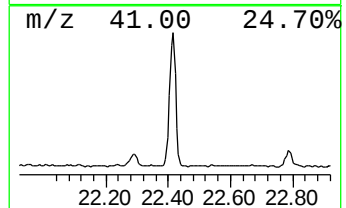
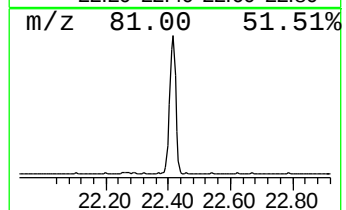
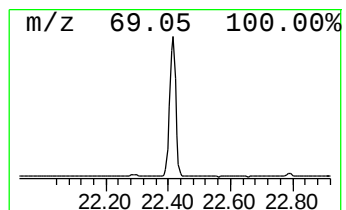
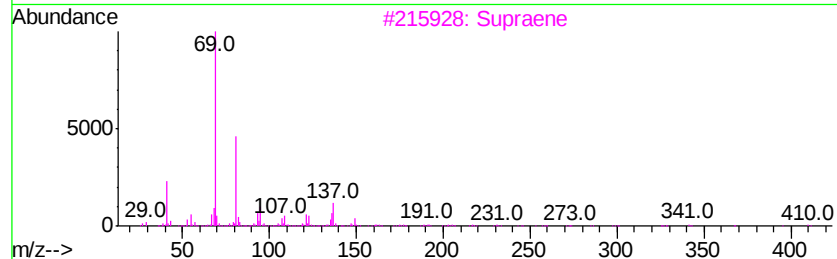
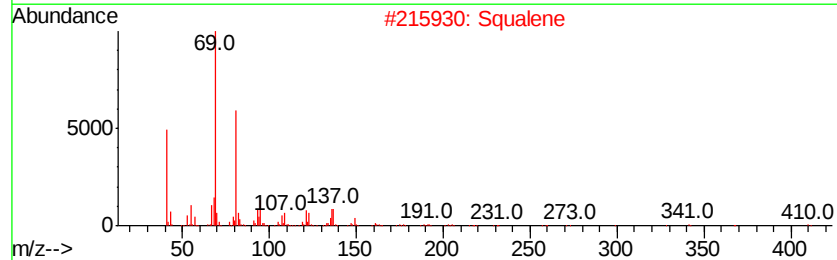
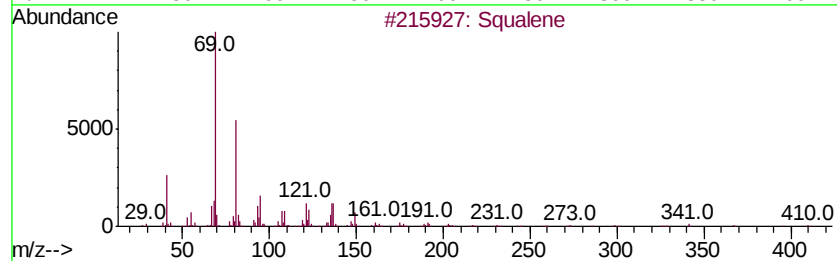
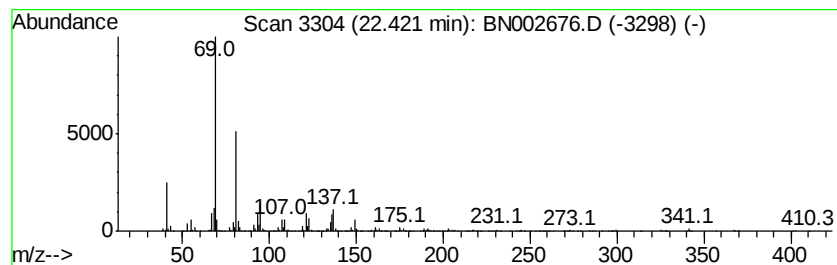
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.42	19.61 ng/ul	1718530	Perylene-d12	23.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene	410 C30H50	000111-02-4	95
2	Squalene	410 C30H50	000111-02-4	91
3	Supraene	410 C30H50	007683-64-9	91
4	Squalene	410 C30H50	000111-02-4	90
5	7,11-Dimethyldodeca-2,6,10-trien...	208 C14H240	125529-10-4	72



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Data File : BN002676.D
Acq On : 13 Sep 2018 15:31
Operator : JU/SJ
Sample : J4837-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C08H5

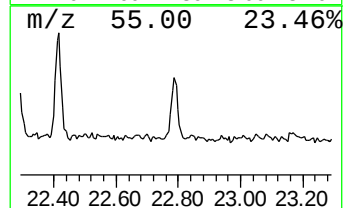
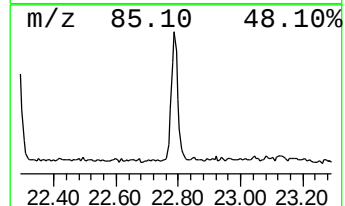
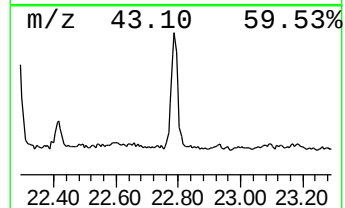
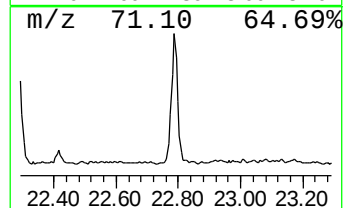
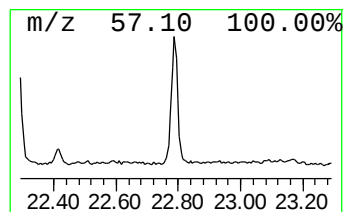
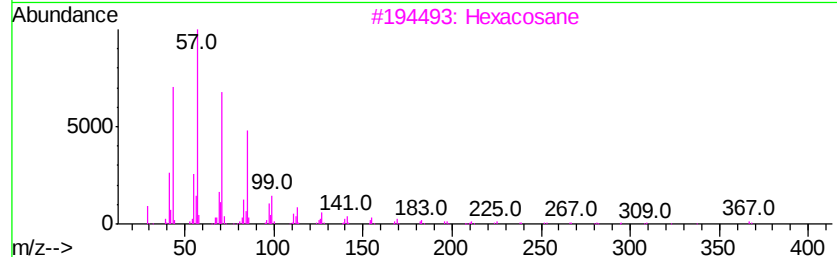
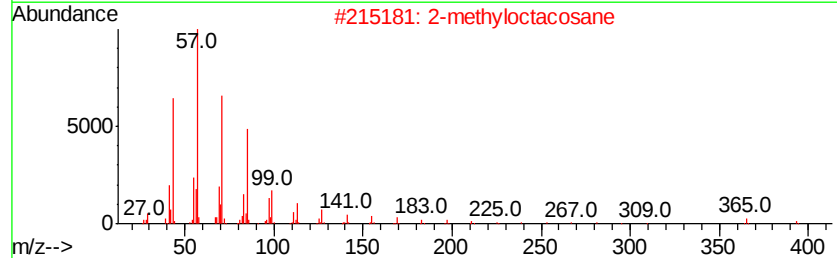
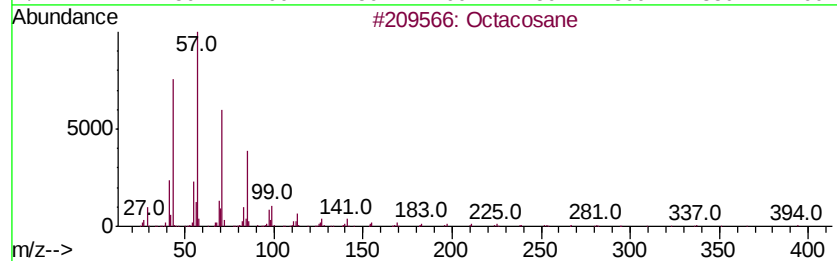
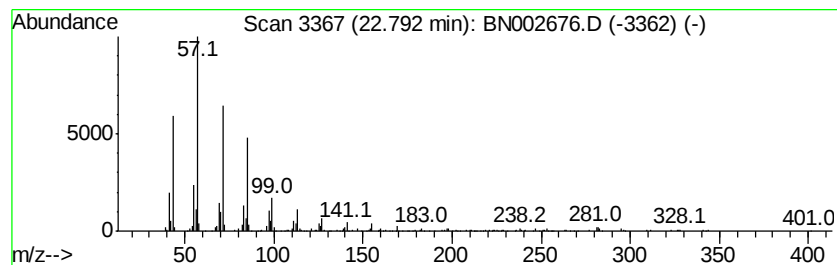
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.79	4.16 ng/ul	364171	Perylene-d12	23.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	90
2			2-methyloctacosane	408	C29H60	1000376-72-8	90
3			Hexacosane	366	C26H54	000630-01-3	90
4			Heneicosane	296	C21H44	000629-94-7	90
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
Data File : BN002676.D
Acq On : 13 Sep 2018 15:31
Operator : JU/SJ
Sample : J4837-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C08H5

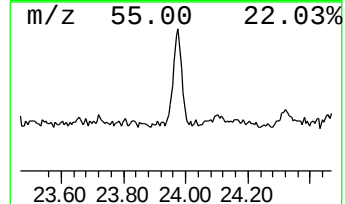
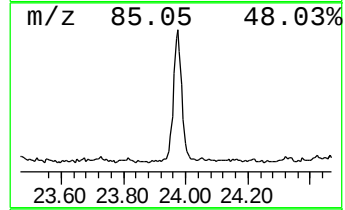
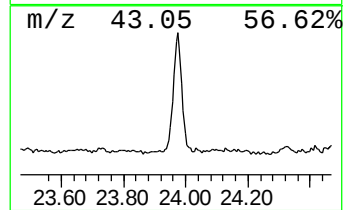
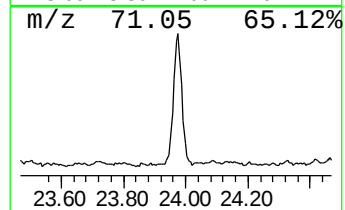
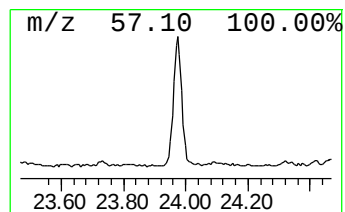
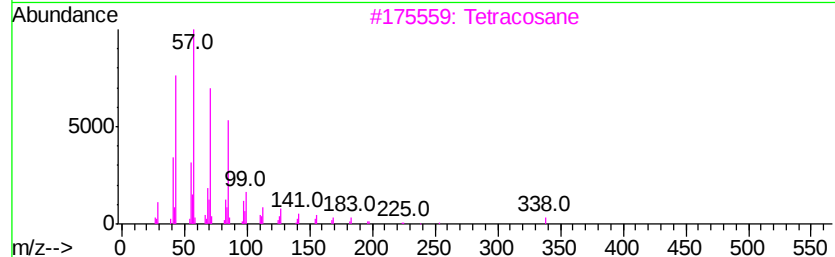
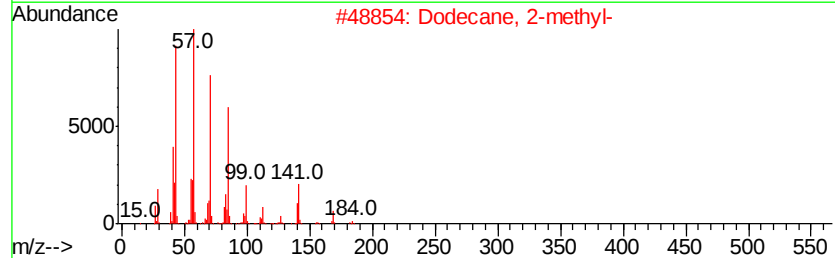
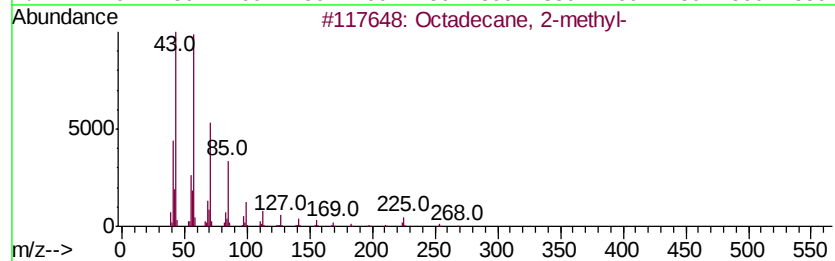
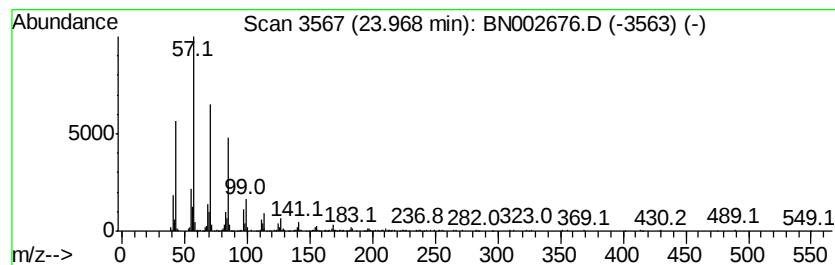
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	6.76 ng/ul	592408	Perylene-d12	23.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2			Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
3			Tetracosane	338	C24H50	000646-31-1	87
4			Hentriacontane	437	C31H64	000630-04-6	87
5			Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
Data File : BN002676.D
Acq On : 13 Sep 2018 15:31
Operator : JU/SJ
Sample : J4837-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C08H5

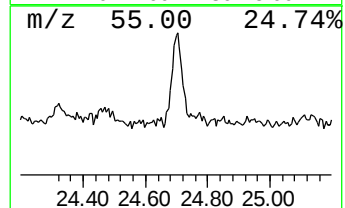
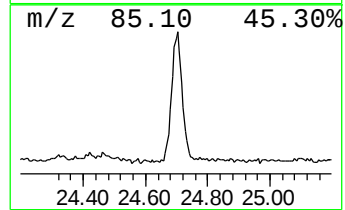
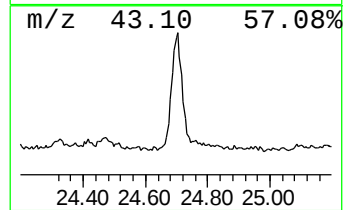
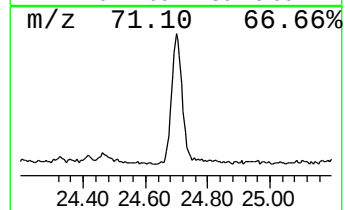
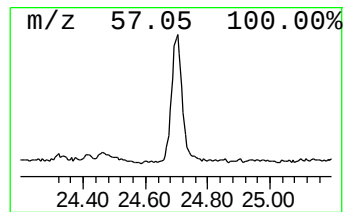
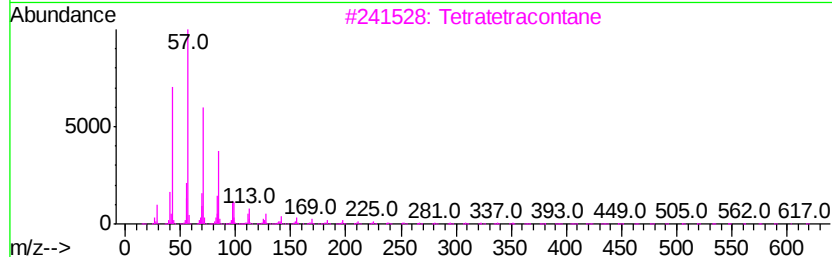
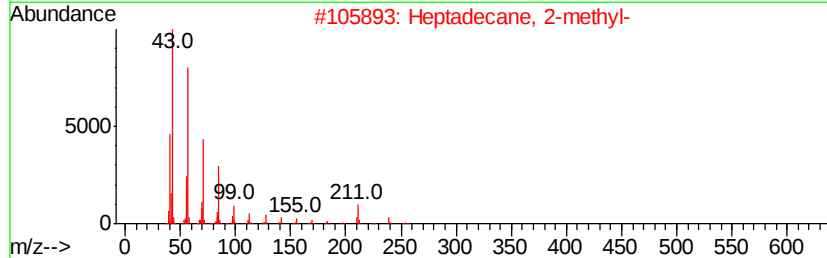
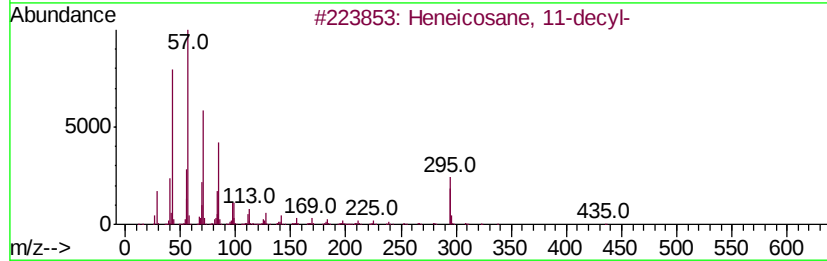
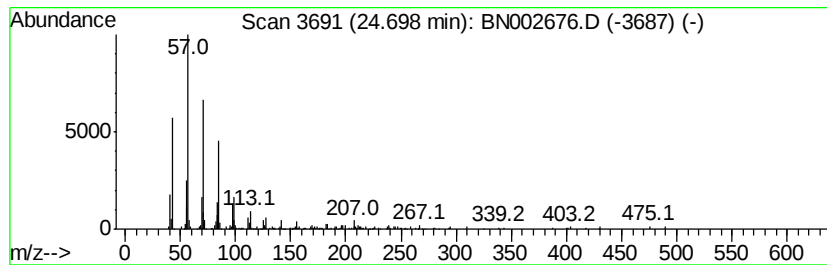
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.70	5.01 ng/ul	439113	Perylene-d12	23.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
2			Heptadecane, 2-methyl-	254	C18H38	001560-89-0	90
3			Tetratetracontane	619	C44H90	007098-22-8	90
4			Docosane	310	C22H46	000629-97-0	87
5			Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091318\
 Data File : BN002676.D
 Acq On : 13 Sep 2018 15:31
 Operator : JU/SJ
 Sample : J4837-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C08H5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.alpha.-Pinene	6.36	4.3	ng/ul	215980	1	7.66	1006500	20.0
p-Cymene	7.79	5.4	ng/ul	271117	1	7.66	1006500	20.0
Benzene, cyclopro...	8.03	2.5	ng/ul	124176	1	7.66	1006500	20.0
Bicyclo[2.2.1]hep...	8.88	19.4	ng/ul	975715	1	7.66	1006500	20.0
Phenol, 3,5-dimet...	9.42	2.0	ng/ul	159883	2	10.43	1565650	20.0
Benzoic acid	9.72	2.0	ng/ul	158254	2	10.43	1565650	20.0
Cyclohexanemethan...	9.80	6.0	ng/ul	468662	2	10.43	1565650	20.0
Bicyclo[2.2.1]hep...	9.85	25.6	ng/ul	2004130	2	10.43	1565650	20.0
Phenol, 3-ethyl-	9.89	10.1	ng/ul	790599	2	10.43	1565650	20.0
Hydrazine, (4-met...	9.93	4.5	ng/ul	349127	2	10.43	1565650	20.0
unknown-01	9.97	2.8	ng/ul	218501	2	10.43	1565650	20.0
Terpinen-4-ol	10.30	11.0	ng/ul	861873	2	10.43	1565650	20.0
Phenol, 2-ethyl-5...	10.80	4.0	ng/ul	314099	2	10.43	1565650	20.0
2-Ethylphenol, me...	10.99	5.8	ng/ul	452634	2	10.43	1565650	20.0
Phenol, 4-(2-prop...	11.19	4.2	ng/ul	325817	2	10.43	1565650	20.0
Phenol, 2-propyl-	11.26	12.7	ng/ul	993519	2	10.43	1565650	20.0
Cyclohexanemethan...	12.17	4.0	ng/ul	310581	2	10.43	1565650	20.0
Hydrocinnamic acid	12.27	4.6	ng/ul	361591	2	10.43	1565650	20.0
Naphthalene, 1-me...	12.32	5.3	ng/ul	413241	2	10.43	1565650	20.0
3-Methoxydiphenly...	17.23	2.6	ng/ul	295494	4	17.04	2233710	20.0
n-Hexadecanoic acid	17.95	5.0	ng/ul	556848	4	17.04	2233710	20.0
(DEL) Alkane: Str...	22.29	2.9	ng/ul	264666	5	21.25	1815760	20.0
Squalene	22.42	19.6	ng/ul	1718530	6	23.46	1752920	20.0
(DEL) Alkane: Str...	22.79	4.2	ng/ul	364171	6	23.46	1752920	20.0
(DEL) Alkane: Str...	23.97	6.8	ng/ul	592408	6	23.46	1752920	20.0
(DEL) Alkane: Str...	24.70	5.0	ng/ul	439113	6	23.46	1752920	20.0