

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
 Data File : BN004243.D
 Acq On : 27 Dec 2018 16:31
 Operator : JU/SJ
 Sample : J6541-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F71

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-BN121218MA.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	5.481	421	424	429	rVB	10434	13128	1.10%	0.089%
2	5.828	478	483	488	rBB	20391	26948	2.26%	0.183%
3	6.987	675	680	691	rVB2	89938	178293	14.92%	1.210%
4	7.157	703	709	714	rBV	98918	152799	12.79%	1.037%
5	7.352	736	742	750	rBB	124776	189372	15.85%	1.286%
6	7.457	755	760	765	rBB	26212	37124	3.11%	0.252%
7	7.822	816	822	828	rBV	122119	196238	16.43%	1.332%
8	7.922	834	839	844	rVB	24243	34403	2.88%	0.234%
9	8.181	879	883	888	rBB	8312	12081	1.01%	0.082%
10	8.528	934	942	951	rVB	147217	229106	19.18%	1.555%
11	8.834	990	994	1000	rVB	15018	23901	2.00%	0.162%
12	8.904	1000	1006	1014	rVB2	14942	31038	2.60%	0.211%
13	8.993	1014	1021	1030	rBV	153608	249852	20.92%	1.696%
14	9.240	1057	1063	1070	rBV	172739	270076	22.61%	1.833%
15	9.487	1101	1105	1113	rBB	10901	18974	1.59%	0.129%
16	9.704	1136	1142	1150	rBV	108103	181059	15.16%	1.229%
17	9.787	1150	1156	1164	rBV	243404	392815	32.88%	2.667%
18	10.004	1186	1193	1199	rVB2	20439	33908	2.84%	0.230%
19	10.098	1204	1209	1215	rVB	31117	48466	4.06%	0.329%
20	10.240	1227	1233	1241	rBV	196125	318334	26.65%	2.161%
21	10.440	1261	1267	1271	rBV	35089	58341	4.88%	0.396%
22	10.487	1271	1275	1279	rVB3	27465	44665	3.74%	0.303%
23	10.616	1287	1297	1302	rBV	218102	359678	30.11%	2.442%
24	10.663	1302	1305	1311	rVB	23575	35303	2.96%	0.240%
25	10.763	1311	1322	1328	rBV2	178958	321310	26.90%	2.181%
26	10.881	1338	1342	1349	rVB	13999	22787	1.91%	0.155%
27	10.975	1349	1358	1364	rBV	57374	90651	7.59%	0.615%
28	11.145	1381	1387	1393	rBV	241897	383931	32.14%	2.606%
29	11.198	1393	1396	1402	rVV2	17589	29053	2.43%	0.197%
30	11.310	1406	1415	1423	rVB5	7584	18592	1.56%	0.126%
31	11.440	1430	1437	1442	rBV	105591	173490	14.52%	1.178%
32	11.487	1442	1445	1453	rVB2	26775	46833	3.92%	0.318%
33	11.592	1453	1463	1466	rBV2	13385	25202	2.11%	0.171%
34	11.634	1466	1470	1476	rVV	52039	79581	6.66%	0.540%

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35	11.693	1476	1480	1482	rVV	12791	19060	1.60%	0.129%
36	11.728	1482	1486	1493	rVB	86342	143550	12.02%	0.975%
37	11.957	1515	1525	1531	rBV	67941	116576	9.76%	0.791%
38	12.016	1531	1535	1541	rVB	8957	17225	1.44%	0.117%
39	12.128	1549	1554	1557	rBV2	13777	21877	1.83%	0.149%
40	12.169	1557	1561	1565	rVV3	15744	30395	2.54%	0.206%
41	12.216	1565	1569	1576	rVB2	35310	61084	5.11%	0.415%
42	12.322	1582	1587	1591	rBV	21319	32493	2.72%	0.221%
43	12.381	1592	1597	1600	rVV3	19820	34424	2.88%	0.234%
44	12.416	1600	1603	1608	rVB	10480	15656	1.31%	0.106%
45	12.498	1608	1617	1622	rBV8	16583	34044	2.85%	0.231%
46	12.598	1630	1634	1638	rBV2	13608	17409	1.46%	0.118%
47	12.645	1638	1642	1647	rBV5	8670	19298	1.62%	0.131%
48	12.740	1655	1658	1663	rVB3	9276	13539	1.13%	0.092%
49	12.875	1676	1681	1688	rBV5	8943	21175	1.77%	0.144%
50	12.957	1688	1695	1704	rVB3	15670	36128	3.02%	0.245%
51	13.139	1717	1726	1731	rBV6	6351	19484	1.63%	0.132%
52	13.239	1733	1743	1753	rVV8	13604	45697	3.83%	0.310%
53	13.634	1802	1810	1814	rBV4	9159	18246	1.53%	0.124%
54	13.775	1829	1834	1839	rBV2	18762	31125	2.61%	0.211%
55	13.863	1844	1849	1854	rVV	323788	462984	38.76%	3.143%
56	13.910	1854	1857	1862	rVB	128705	165526	13.86%	1.124%
57	14.157	1893	1899	1910	rVB	404428	603535	50.52%	4.097%
58	14.298	1913	1923	1929	rBV	19080	38284	3.20%	0.260%
59	14.457	1942	1950	1960	rVB2	306849	499047	41.78%	3.388%
60	14.539	1960	1964	1969	rBV4	6994	12618	1.06%	0.086%
61	14.686	1984	1989	2008	rVB2	86415	197807	16.56%	1.343%
62	14.828	2008	2013	2015	rBV5	8691	15239	1.28%	0.103%
63	14.934	2026	2031	2039	rBV6	9879	24923	2.09%	0.169%
64	15.075	2050	2055	2059	rBV5	7781	13939	1.17%	0.095%
65	15.333	2093	2099	2104	rBV7	6884	15029	1.26%	0.102%
66	15.451	2114	2119	2125	rBV	466901	676497	56.63%	4.592%
67	15.592	2137	2143	2151	rVB	148669	213095	17.84%	1.447%
68	15.675	2151	2157	2161	rBV3	18764	32001	2.68%	0.217%
69	16.157	2232	2239	2243	rBV	26812	41186	3.45%	0.280%
70	16.975	2374	2378	2381	rVB3	15471	21251	1.78%	0.144%
71	17.204	2412	2417	2425	rBV2	347796	504616	42.24%	3.426%

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72	17.304	2429	2434	2440	rVB	505294	717131	60.03%	4.868%
73	18.075	2561	2565	2571	rBV	76179	117311	9.82%	0.796%
74	18.163	2577	2580	2584	rVB5	10974	14203	1.19%	0.096%
75	18.533	2640	2643	2650	rBV4	26730	44402	3.72%	0.301%
76	19.357	2780	2783	2789	rBV	30042	40059	3.35%	0.272%
77	19.604	2817	2825	2838	rVB	648166	872666	73.05%	5.924%
78	19.786	2852	2856	2860	rBV5	11117	17506	1.47%	0.119%
79	20.104	2908	2910	2915	rVB3	15685	18248	1.53%	0.124%
80	20.210	2924	2928	2933	rVV	24044	30010	2.51%	0.204%
81	20.280	2937	2940	2950	rVB5	26114	43848	3.67%	0.298%
82	20.421	2961	2964	2968	rBV	15912	25017	2.09%	0.170%
83	20.545	2982	2985	2992	rVB6	13708	22856	1.91%	0.155%
84	20.604	2992	2995	2998	rBV	24172	28486	2.38%	0.193%
85	21.074	3071	3075	3083	rVB2	66133	95440	7.99%	0.648%
86	21.398	3125	3130	3136	rBV	543114	677711	56.73%	4.601%
87	21.510	3145	3149	3153	rVB	74705	86427	7.23%	0.587%
88	21.951	3220	3224	3229	rVB	84119	98771	8.27%	0.671%
89	22.421	3300	3304	3310	rVB	99463	133842	11.20%	0.909%
90	22.498	3315	3317	3320	rBV4	9443	12048	1.01%	0.082%
91	22.557	3324	3327	3335	rVB2	40351	67958	5.69%	0.461%
92	22.751	3359	3360	3364	rBV4	10450	14059	1.18%	0.095%
93	22.945	3388	3393	3398	rVB	122381	186542	15.62%	1.266%
94	23.521	3486	3491	3494	rBV	129154	215990	18.08%	1.466%
95	23.574	3494	3500	3510	rVB2	621262	1194606	100.00%	8.110%
96	23.645	3510	3512	3516	rBV4	9573	16048	1.34%	0.109%
97	23.721	3518	3525	3536	rVB2	450693	887673	74.31%	6.026%
98	24.186	3598	3604	3612	rVB	90616	181314	15.18%	1.231%
99	24.951	3728	3734	3741	rBV	73852	148475	12.43%	1.008%
100	25.845	3880	3886	3900	rVB	41758	108536	9.09%	0.737%

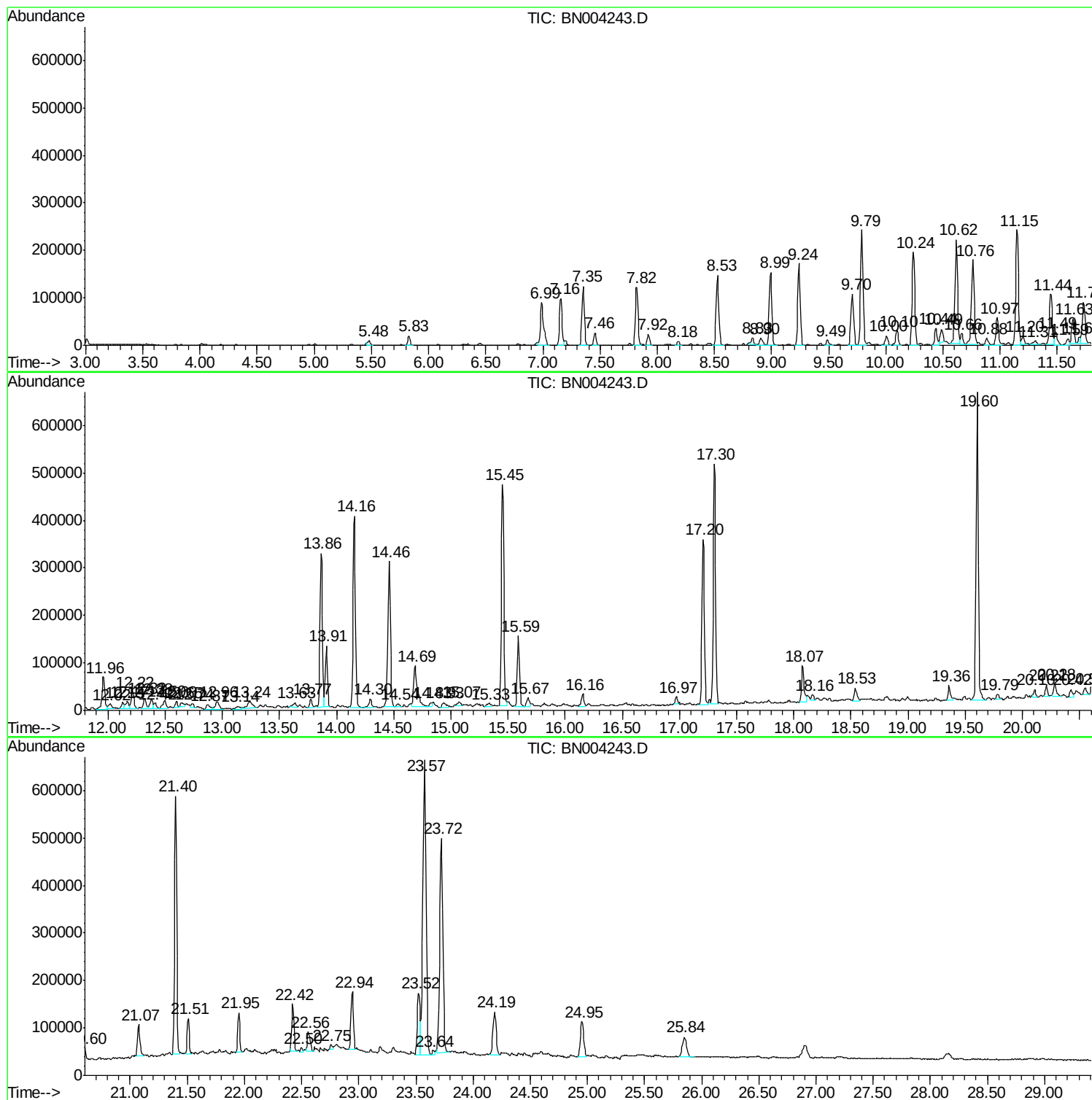
Sum of corrected areas: 14730577

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

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



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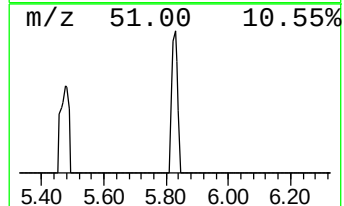
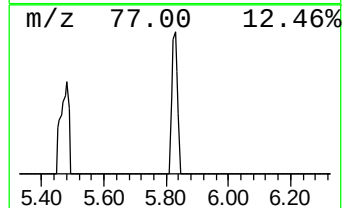
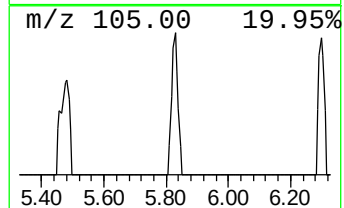
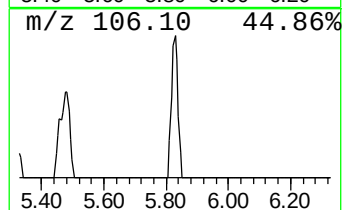
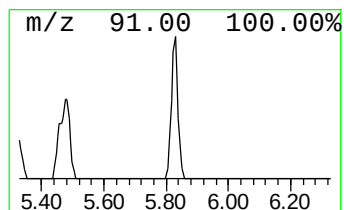
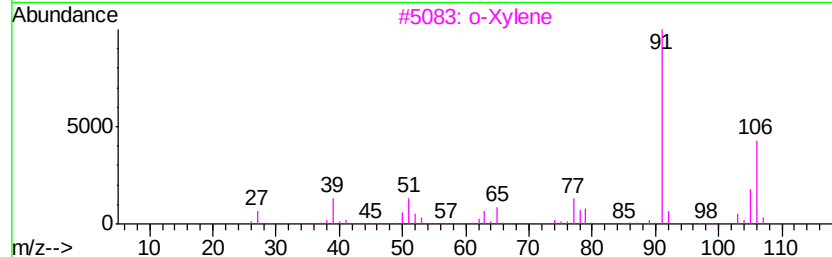
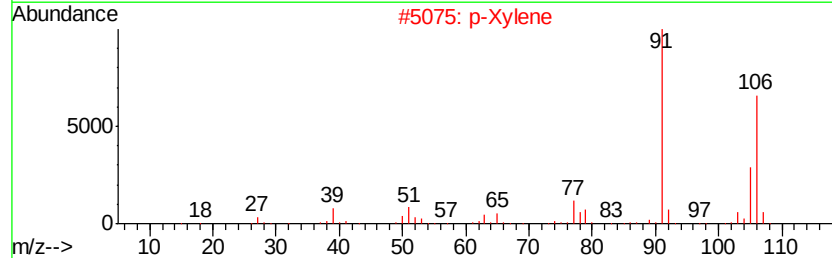
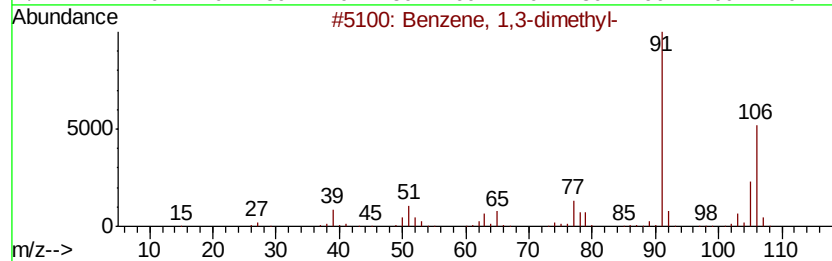
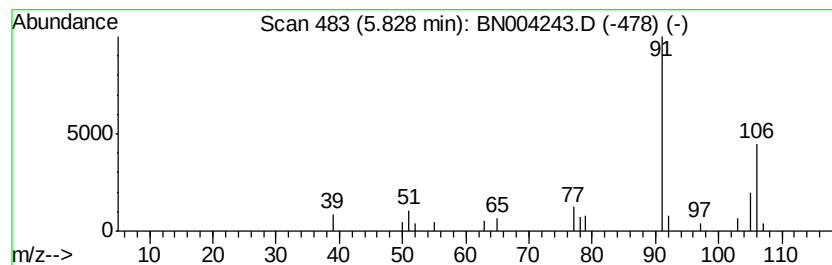
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.83	2.75 ng/ul	26948	1,4-Dichlorobenzene-d4	7.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	91
2			p-Xylene	106	C8H10	000106-42-3	91
3			o-Xylene	106	C8H10	000095-47-6	91
4			Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	91
5			p-Xylene	106	C8H10	000106-42-3	91



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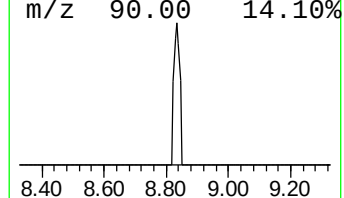
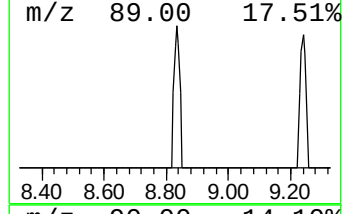
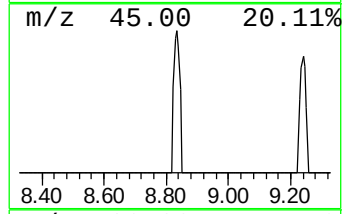
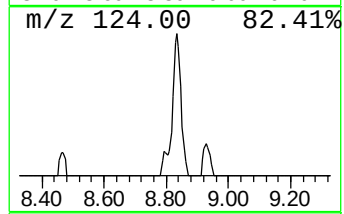
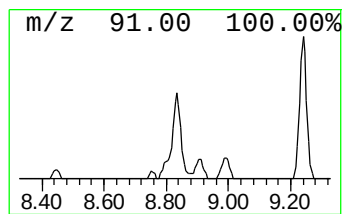
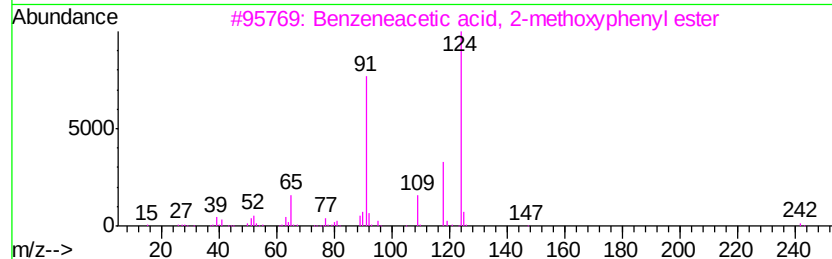
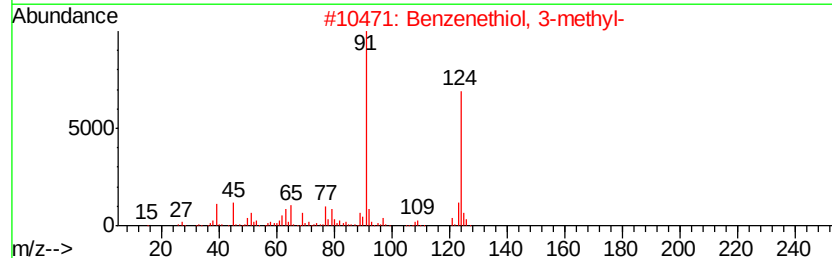
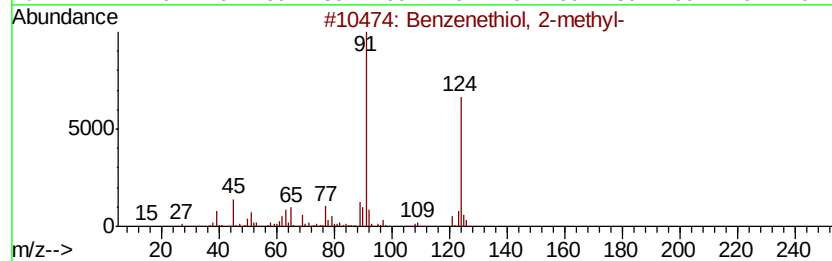
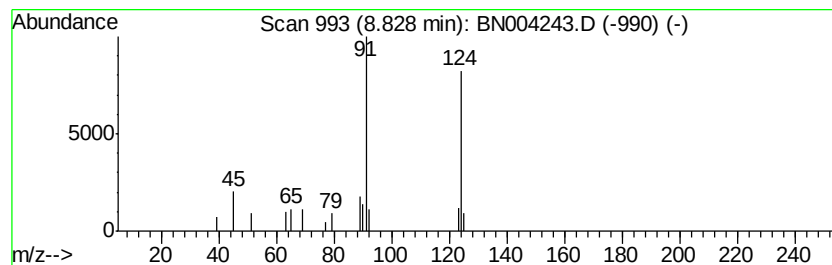
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzenethiol, 2-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	2.44 ng/ul	23901	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenethiol, 2-methyl-	124	C7H8S	000137-06-4	87
2		Benzenethiol, 3-methyl-	124	C7H8S	000108-40-7	64
3		Benzeneacetic acid, 2-methoxyphe...	242	C15H14O3	004112-89-4	59
4		m-Guaiacol	124	C7H8O2	000150-19-6	43
5		2-Amino-4-methyl-3-pyridinol	124	C6H8N2O	020348-18-9	38



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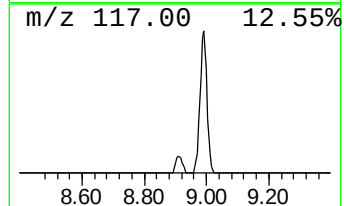
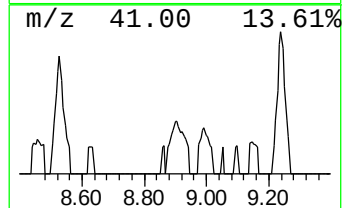
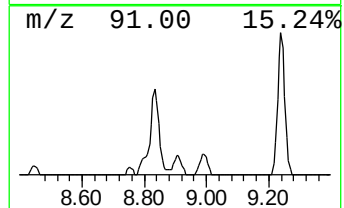
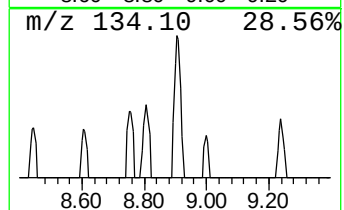
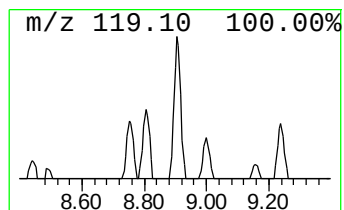
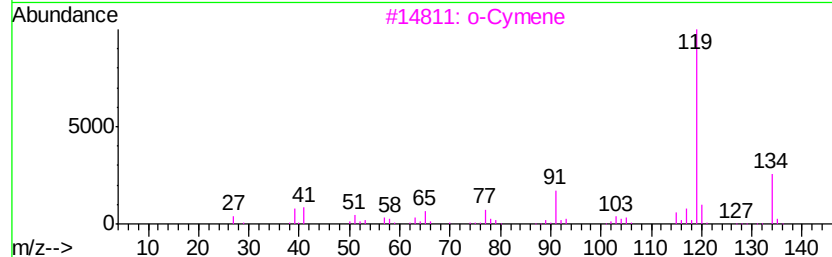
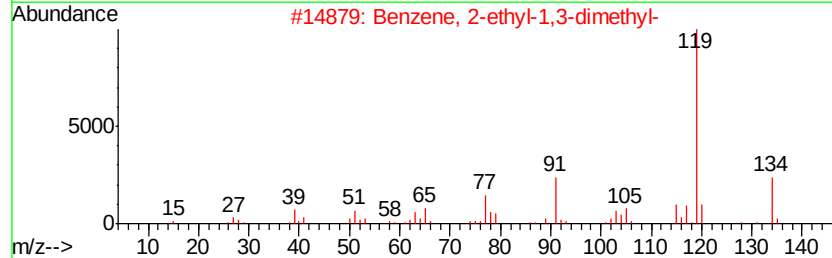
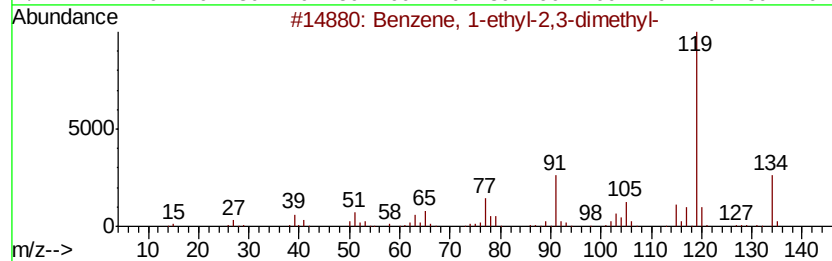
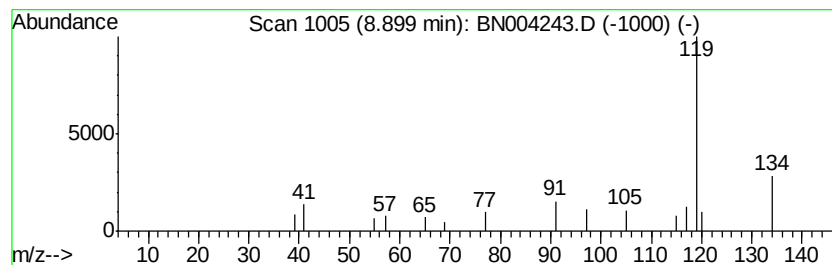
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	3.16 ng/ul	31038	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90
3		o-Cymene	134	C10H14	000527-84-4	86
4		1,3,8-p-Menthatriene	134	C10H14	018368-95-1	86
5		o-Cymene	134	C10H14	000527-84-4	86



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Operator : JU/SJ
Sample : J6541-08
Misc :
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Instrument :
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ClientSampleId :
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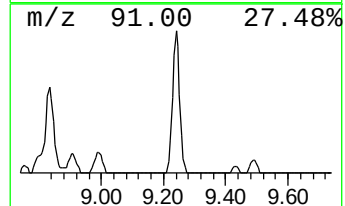
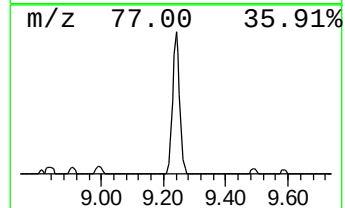
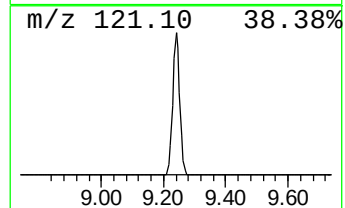
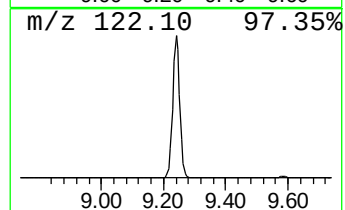
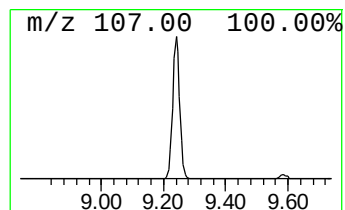
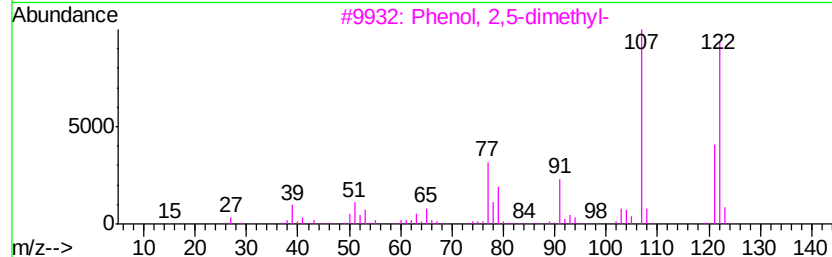
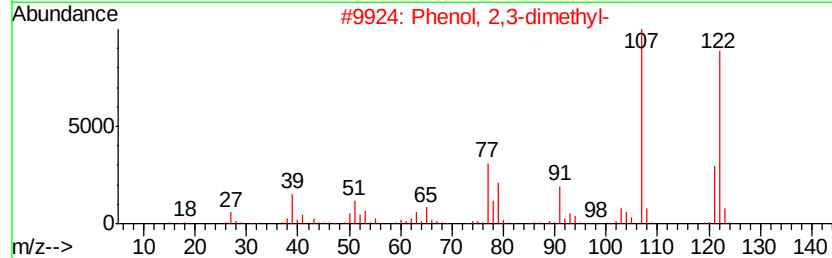
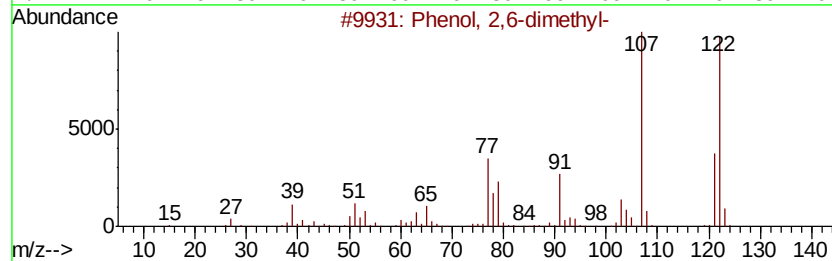
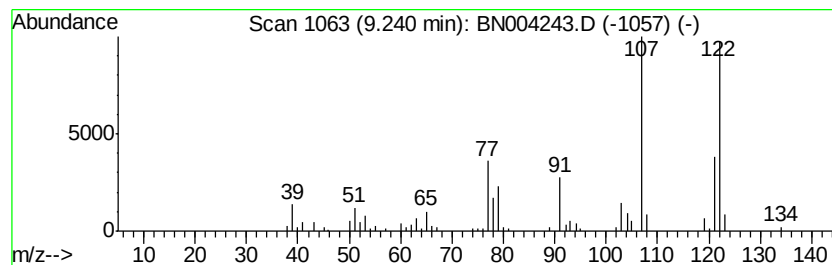
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Phenol, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	15.02 ng/ul	270076	Napthalene-d8	10.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	97
2		Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	96
3		Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	96
4		Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	95
5		Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122718\
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Sample : J6541-08
Misc :
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Instrument :
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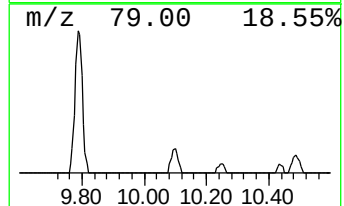
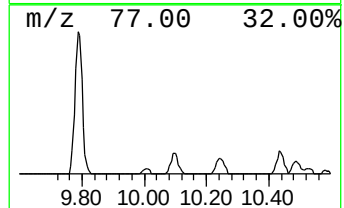
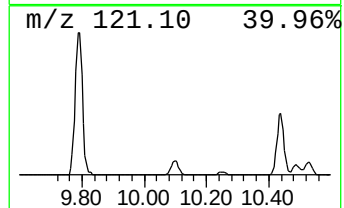
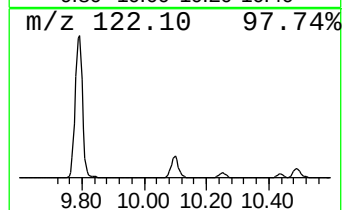
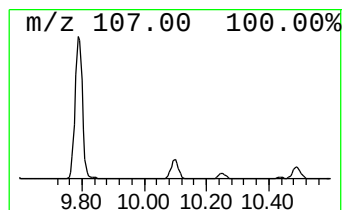
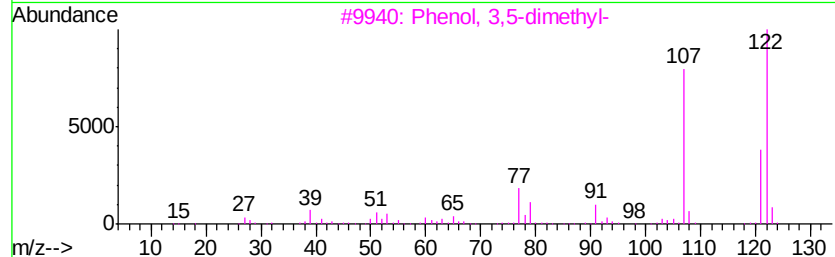
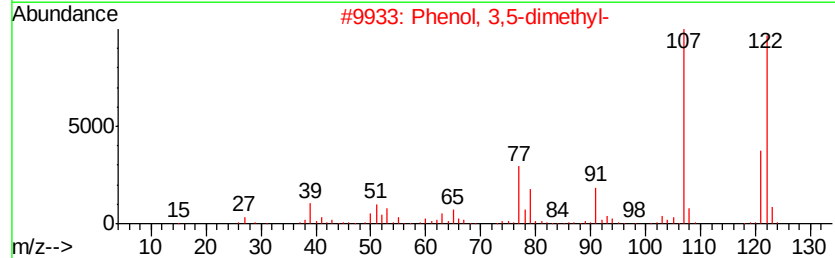
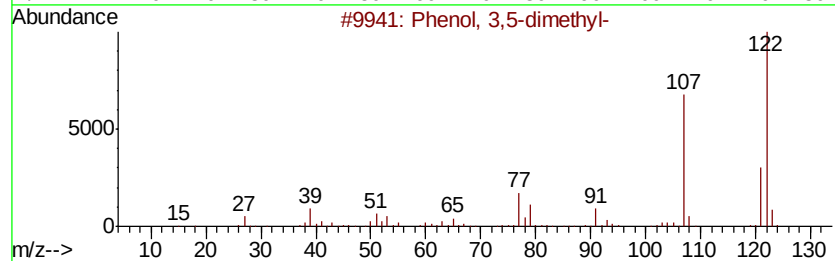
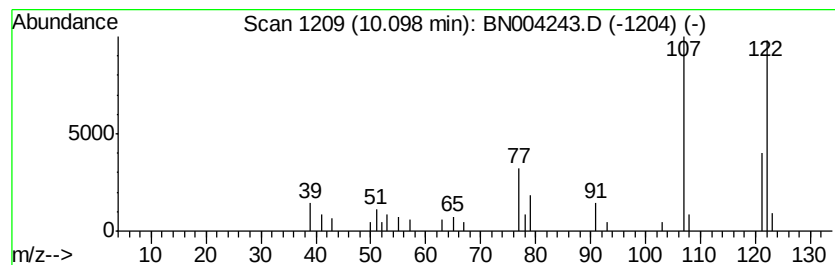
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Phenol, 3,5-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	2.69 ng/ul	48466	Napthalene-d8	10.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91
2		Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91
3		Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91
4		Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	91
5		Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004243.D
Acq On : 27 Dec 2018 16:31
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Sample : J6541-08
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Instrument :
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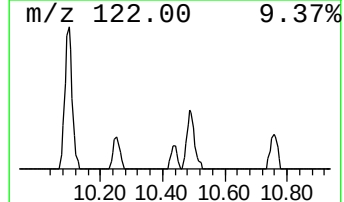
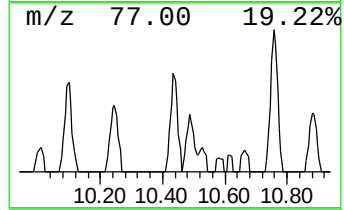
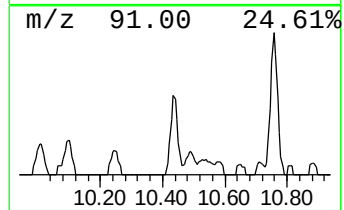
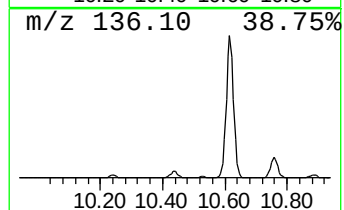
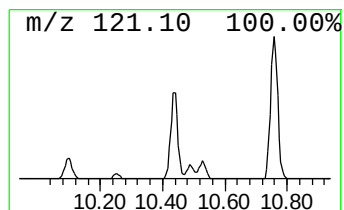
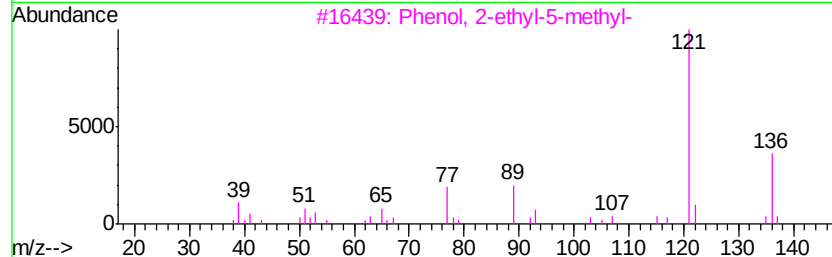
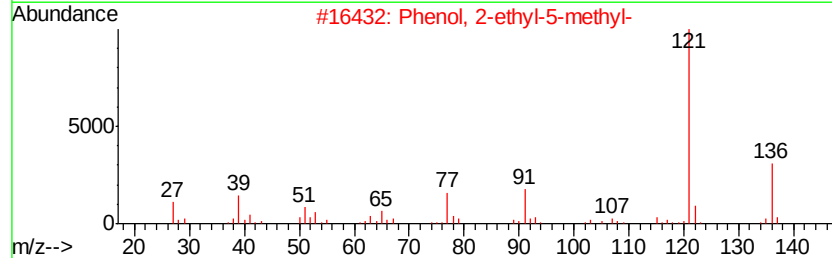
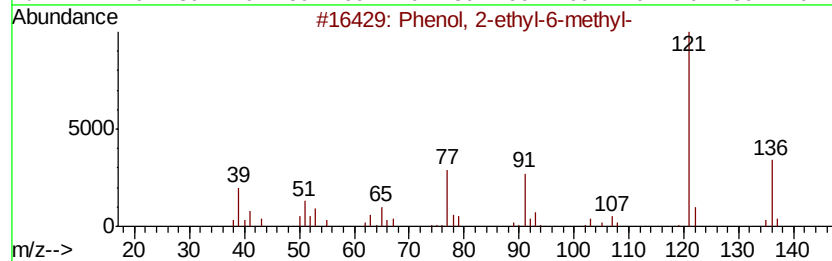
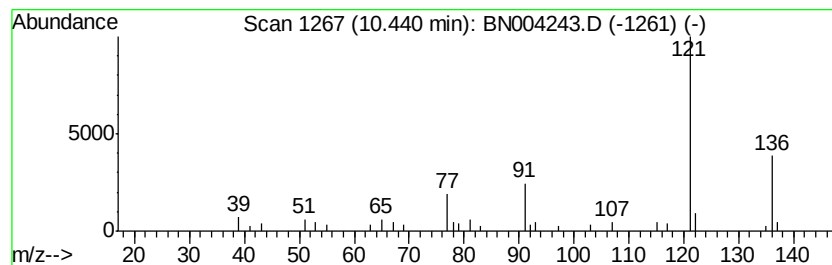
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Phenol, 2-ethyl-6-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	3.24 ng/ul	58341	Naphthalene-d8	10.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	91
2		Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	91
3		Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	87
4		Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	87
5		Bicyclo[3.1.0]hex-2-ene, 4,4,6,6...	136	C10H16	019487-09-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
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Sample : J6541-08
Misc :
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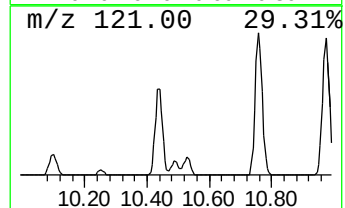
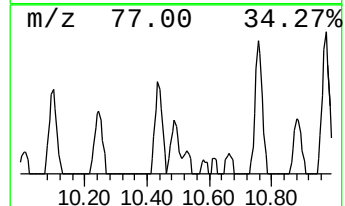
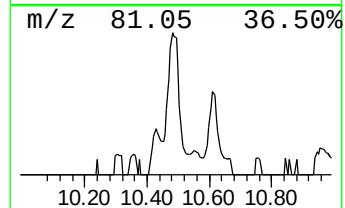
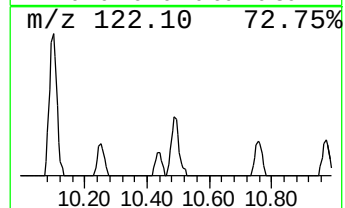
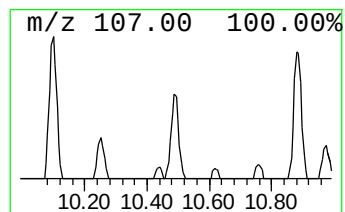
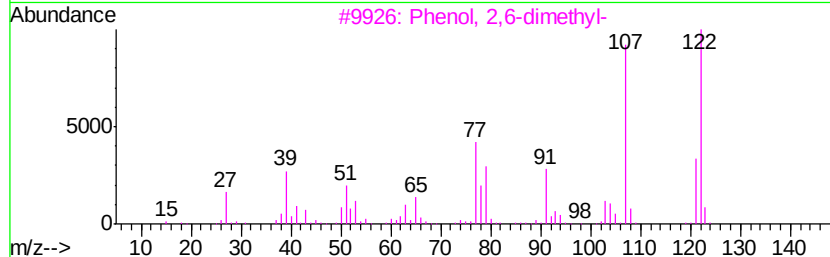
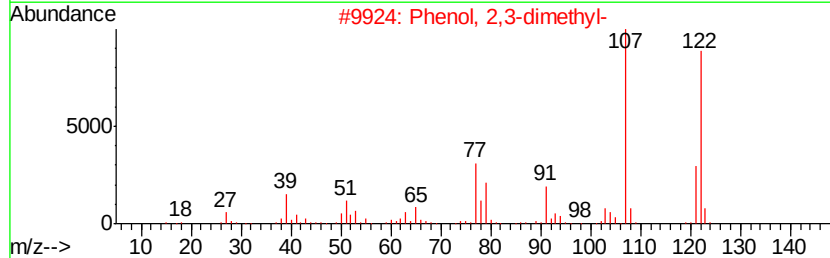
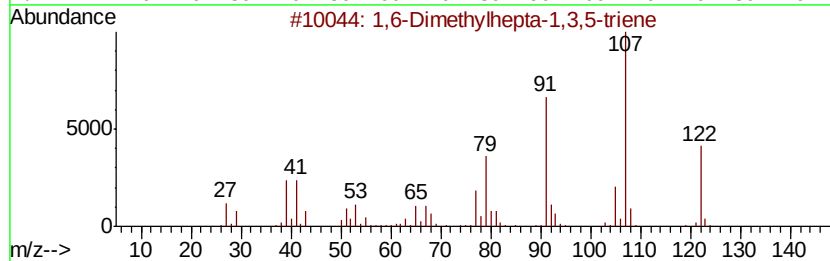
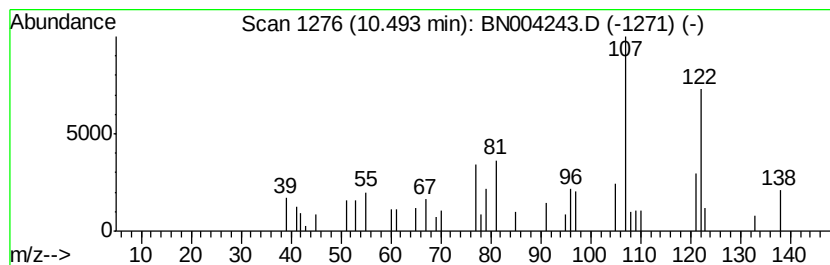
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 1,6-Dimethylhepta-1,3,5-triene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	2.48 ng/ul	44665	Naphthalene-d8	10.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,6-Dimethylhepta-1,3,5-triene	122 C9H14	1000196-61-0	64
2	Phenol, 2,3-dimethyl-	122 C8H10O	000526-75-0	60
3	Phenol, 2,6-dimethyl-	122 C8H10O	000576-26-1	60
4	Phenol, 3,5-dimethyl-	122 C8H10O	000108-68-9	60
5	Phenol, 3,5-dimethyl-	122 C8H10O	000108-68-9	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122718\
Data File : BN004243.D
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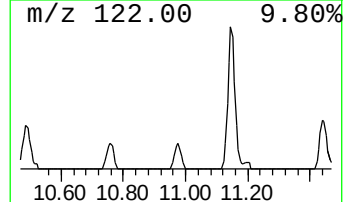
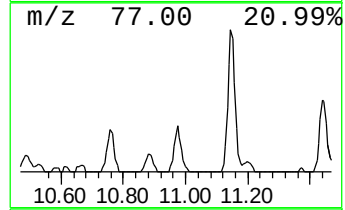
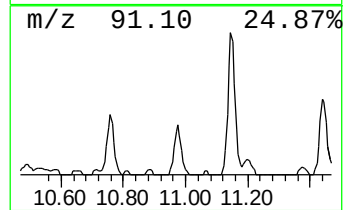
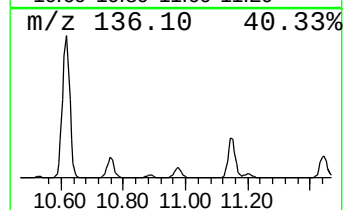
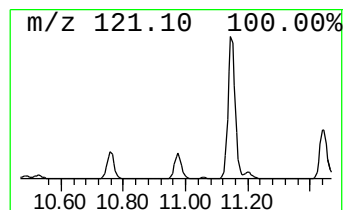
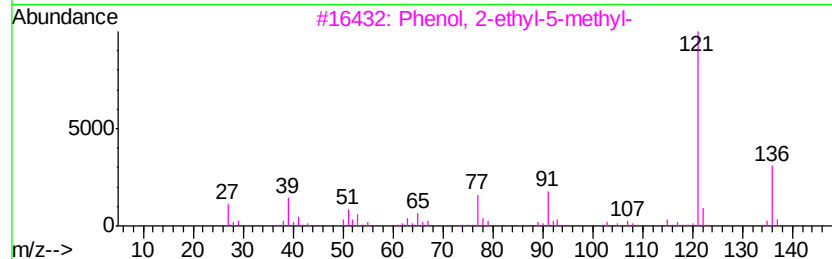
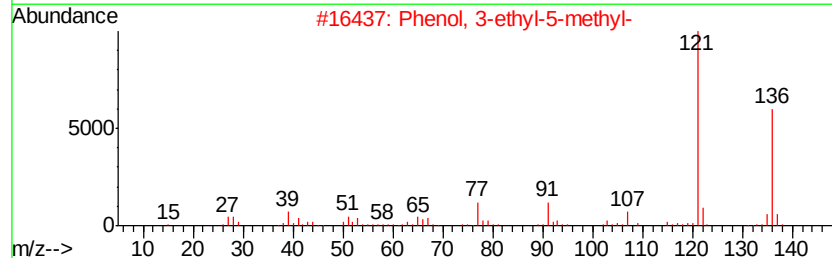
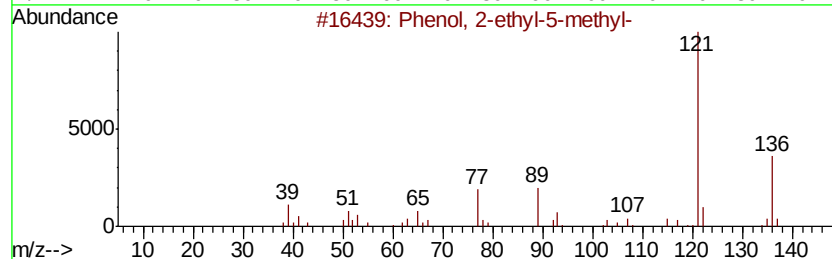
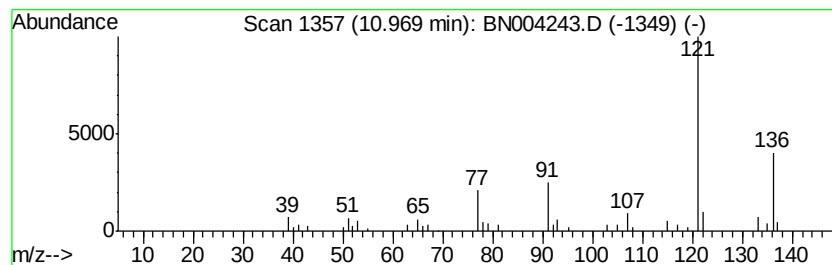
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Phenol, 2-ethyl-5-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	5.04 ng/ul	90651	Napthalene-d8	10.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol,	2-ethyl-5-methyl-		136	C9H12O	001687-61-2	94
2	Phenol,	3-ethyl-5-methyl-		136	C9H12O	000698-71-5	91
3	Phenol,	2-ethyl-5-methyl-		136	C9H12O	001687-61-2	91
4	Phenol,	2-ethyl-6-methyl-		136	C9H12O	001687-64-5	91
5	Phenol,	2-ethyl-4-methyl-		136	C9H12O	003855-26-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
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Acq On : 27 Dec 2018 16:31
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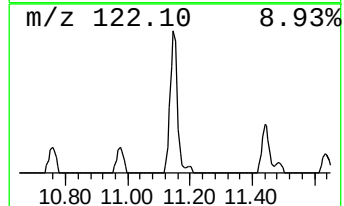
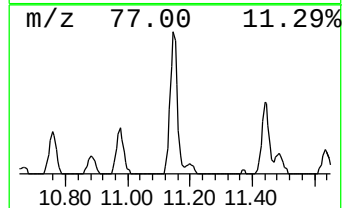
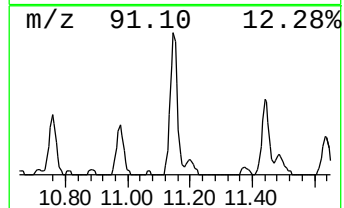
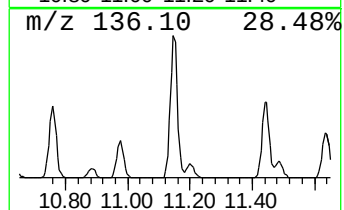
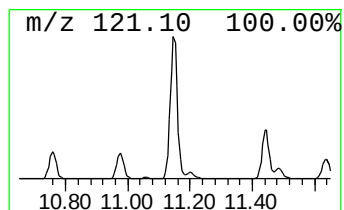
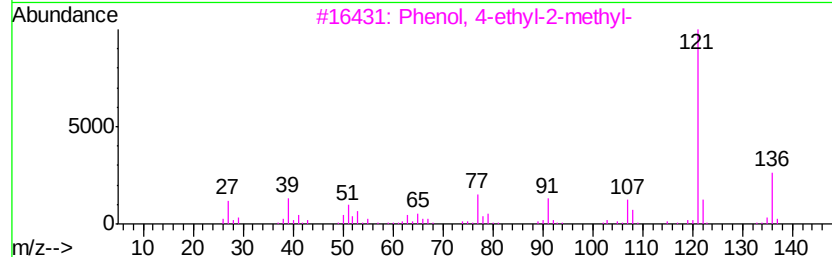
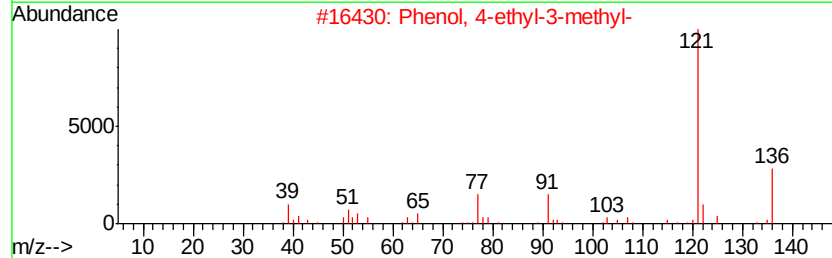
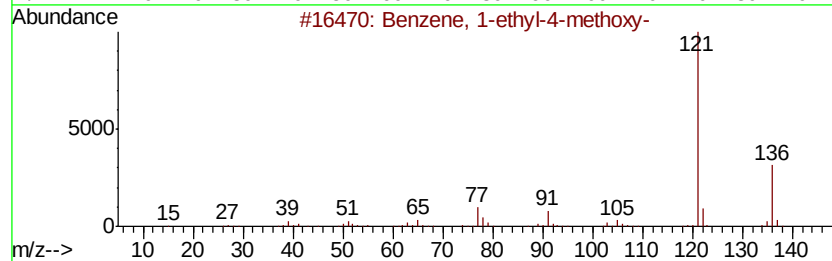
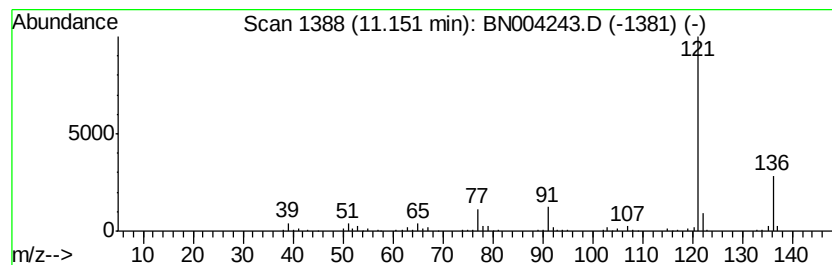
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Benzene, 1-ethyl-4-methoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	21.35 ng/ul	383931	Naphthalene-d8	10.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	91
2		Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	91
3		Phenol, 4-ethyl-2-methyl-	136	C9H12O	002219-73-0	91
4		Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	91
5		Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004243.D
Acq On : 27 Dec 2018 16:31
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ALS Vial : 10 Sample Multiplier: 1

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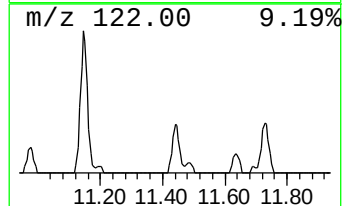
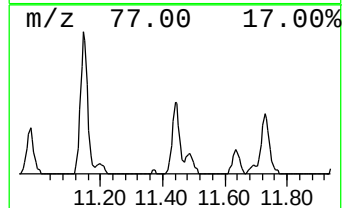
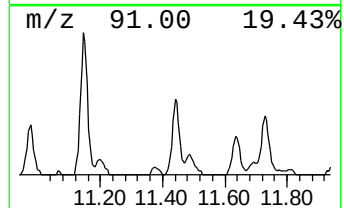
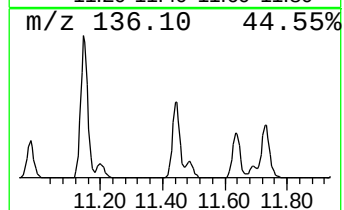
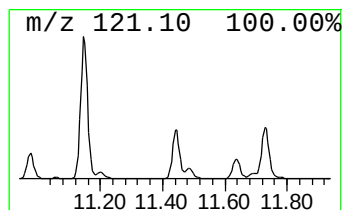
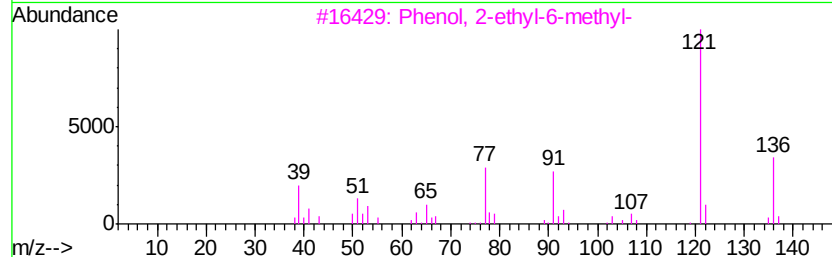
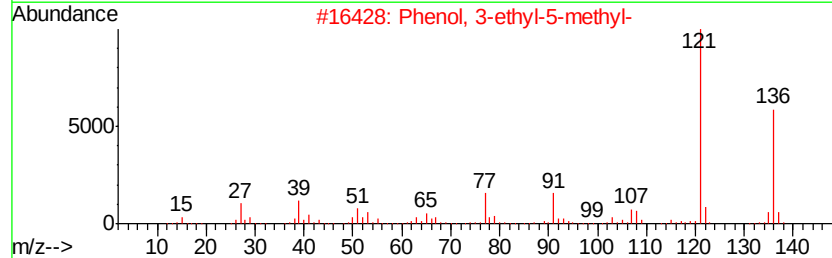
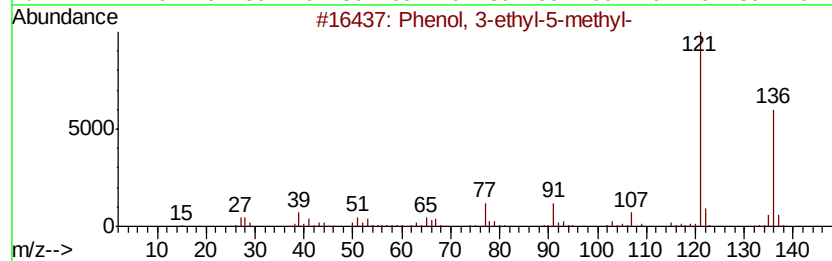
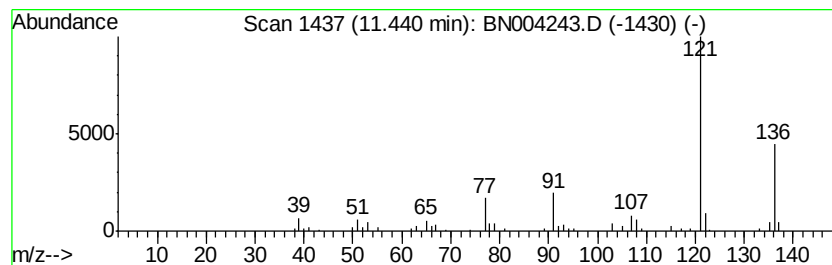
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Phenol, 3-ethyl-5-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	9.65 ng/ul	173490	Naphthalene-d8	10.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol,	3-ethyl-5-methyl-		136	C9H12O	000698-71-5	94
2	Phenol,	3-ethyl-5-methyl-		136	C9H12O	000698-71-5	91
3	Phenol,	2-ethyl-6-methyl-		136	C9H12O	001687-64-5	91
4	Phenol,	2-ethyl-5-methyl-		136	C9H12O	001687-61-2	91
5	Phenol,	2-ethyl-4-methyl-		136	C9H12O	003855-26-3	91



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Data File : BN004243.D
Acq On : 27 Dec 2018 16:31
Operator : JU/SJ
Sample : J6541-08
Misc :
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Instrument :
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ClientSampleId :
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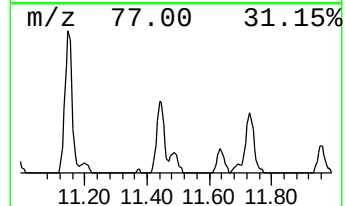
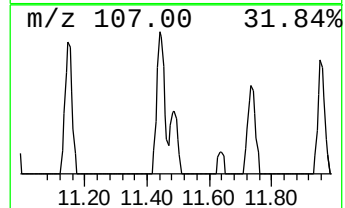
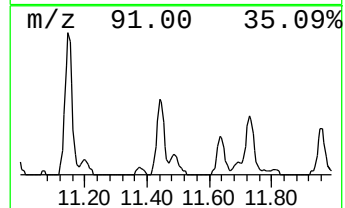
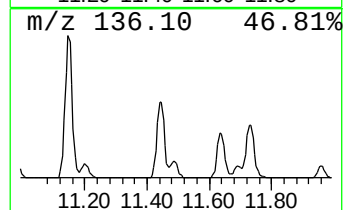
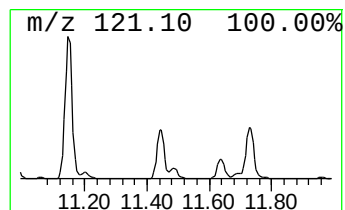
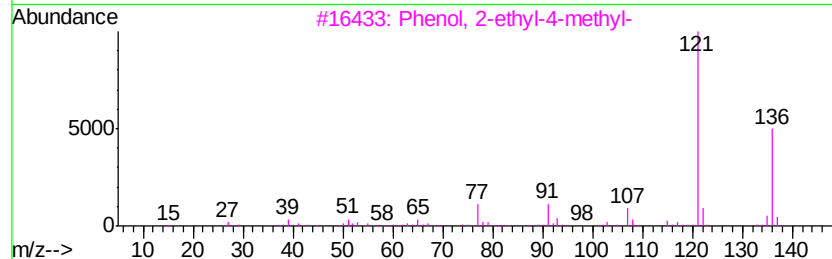
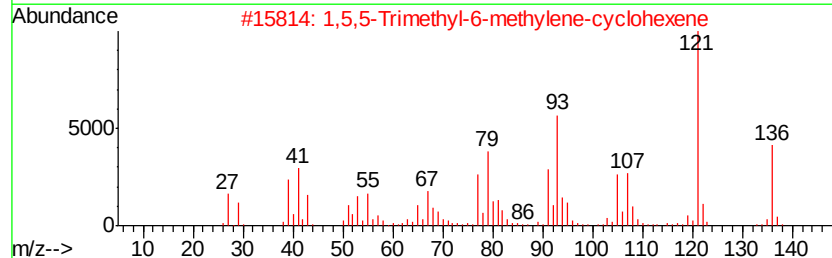
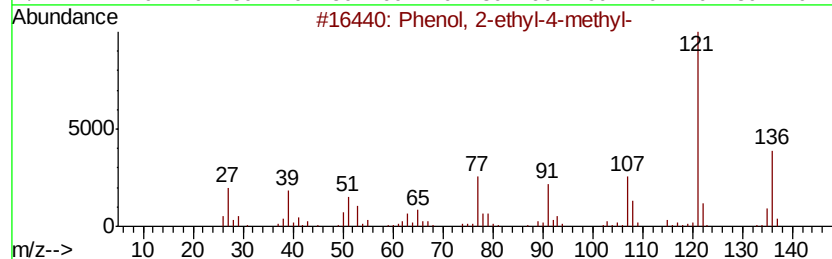
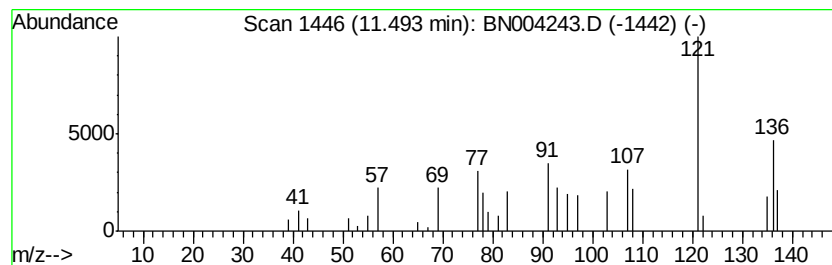
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Phenol, 2-ethyl-4-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	2.60 ng/ul	46833	Napthalene-d8	10.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	64
2		1,5,5-Trimethyl-6-methylene-cycl...	136	C10H16	000514-95-4	64
3		Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	59
4		Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	59
5		Cyclohexene, 1,5,5-trimethyl-3-m...	136	C10H16	016609-28-2	59



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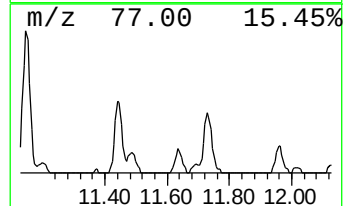
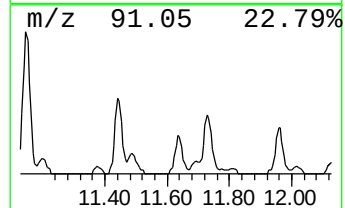
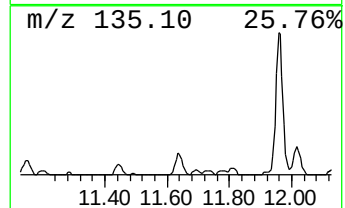
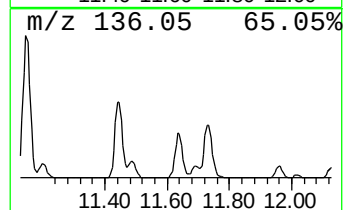
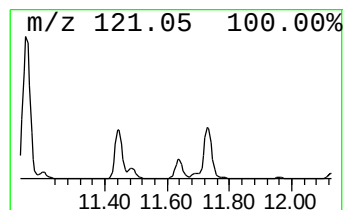
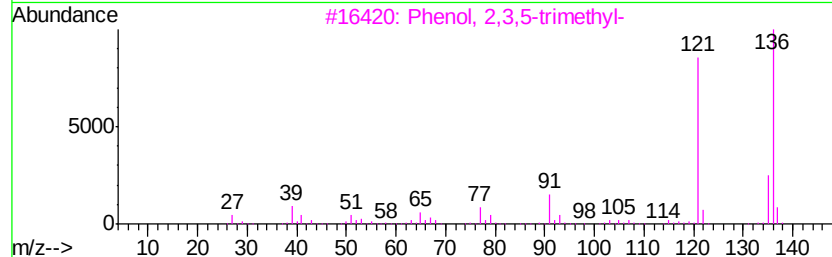
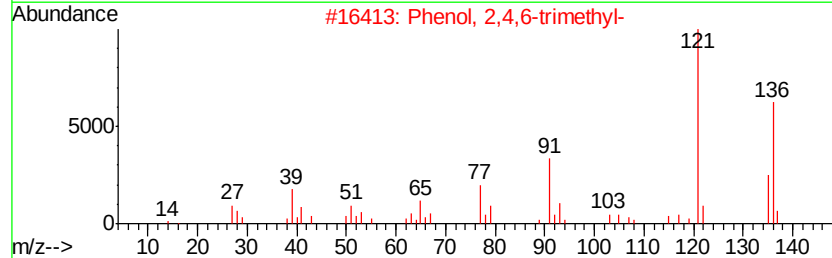
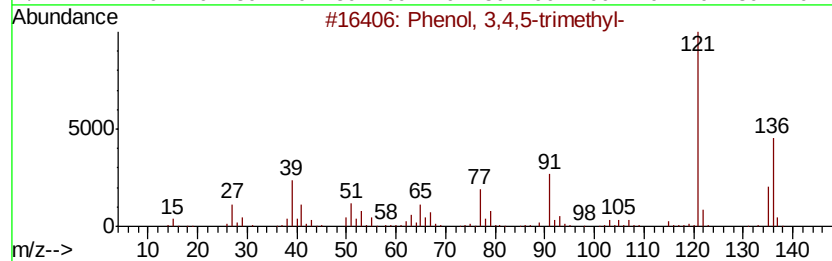
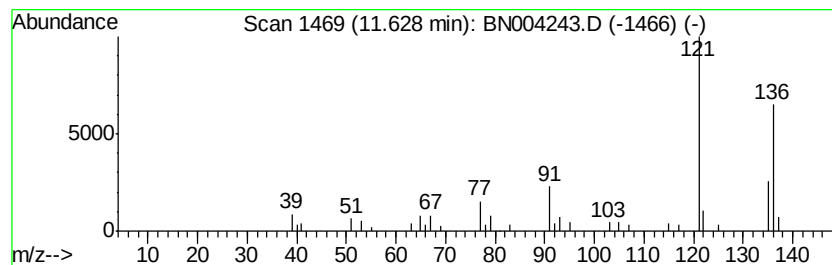
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Phenol, 3,4,5-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	4.43 ng/ul	79581	Naphthalene-d8	10.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	91
2			Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	91
3			Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	90
4			Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	90
5			Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
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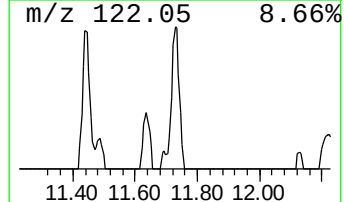
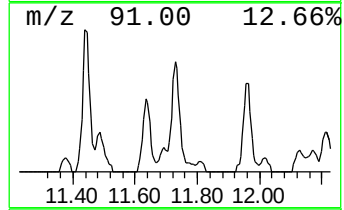
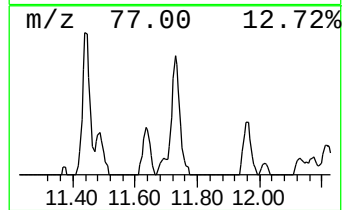
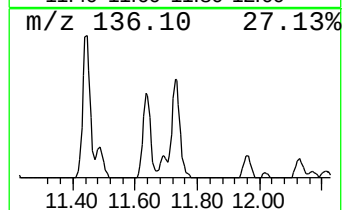
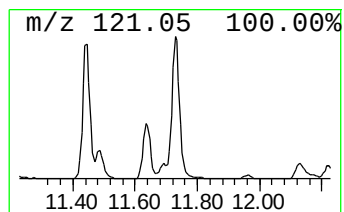
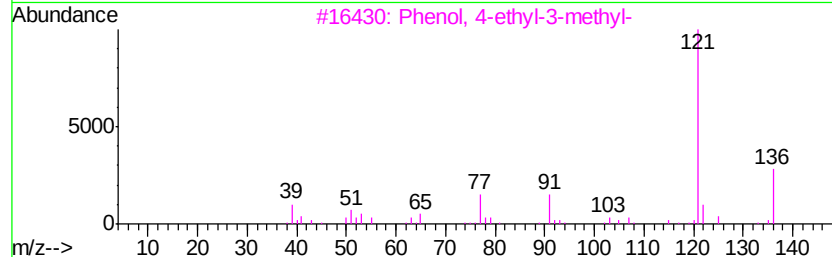
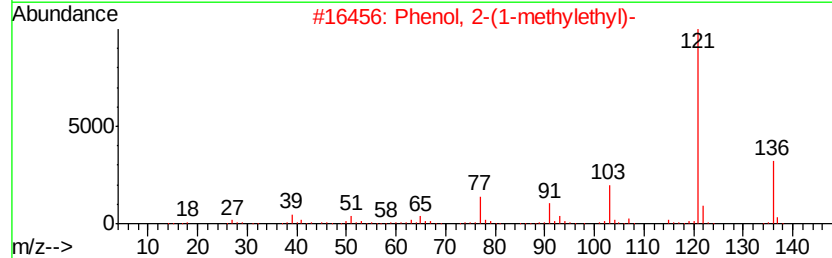
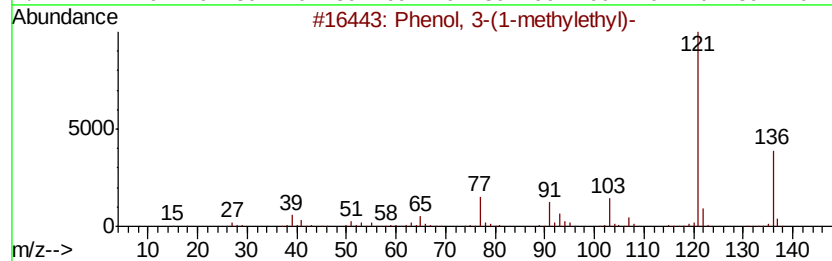
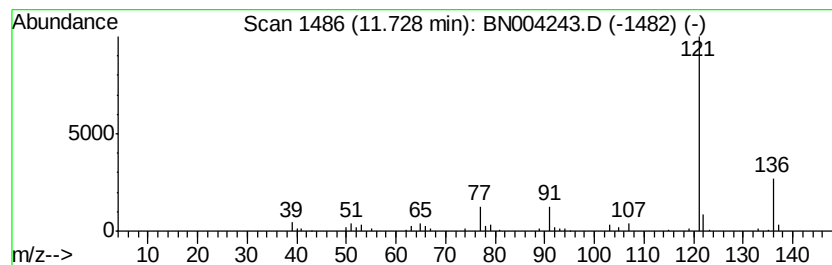
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Phenol, 3-(1-methylethyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	7.98 ng/ul	143550	Napthalene-d8	10.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	91
2		Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	91
3		Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	90
4		Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	90
5		Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	86



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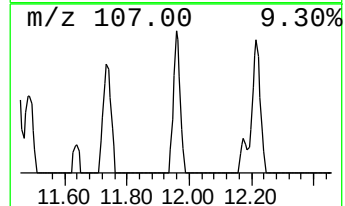
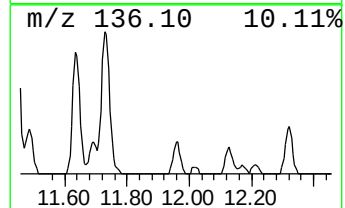
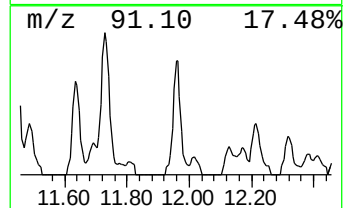
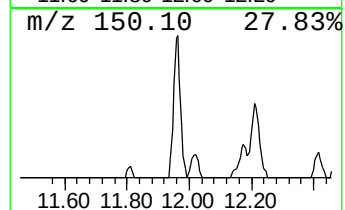
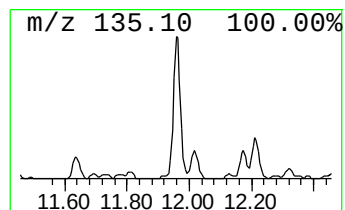
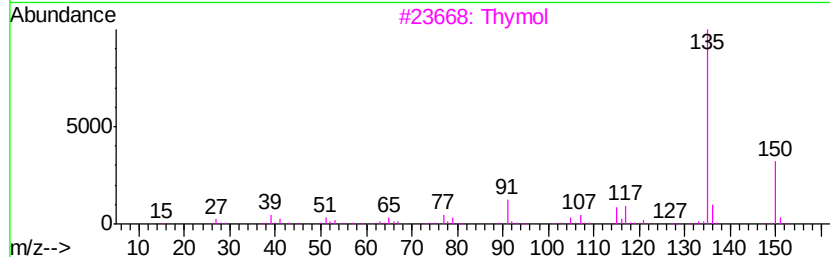
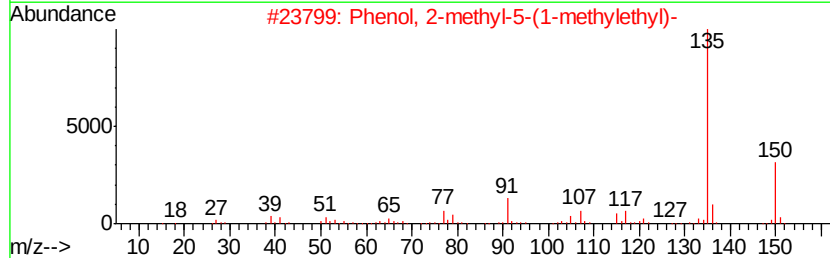
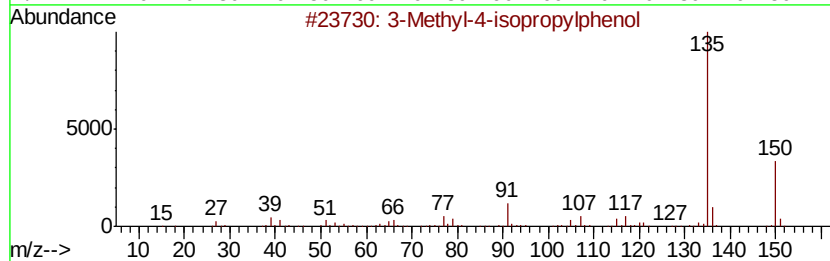
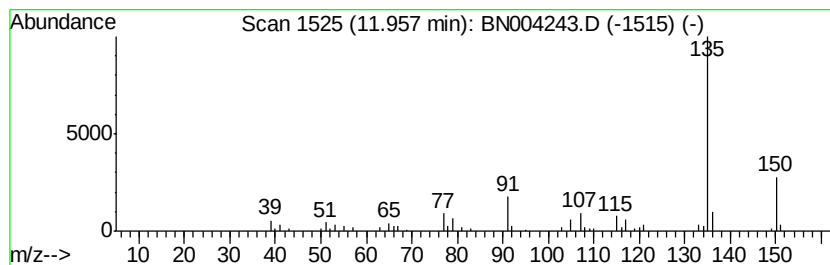
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 3-Methyl-4-isopropylphenol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	6.48 ng/ul	116576	Napthalene-d8	10.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Methyl-4-isopropylphenol	150	C10H14O	003228-02-2	95
2		Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	93
3		Thymol	150	C10H14O	000089-83-8	91
4		Thymol	150	C10H14O	000089-83-8	90
5		Thymol	150	C10H14O	000089-83-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
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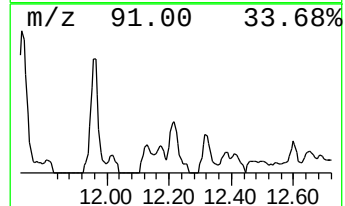
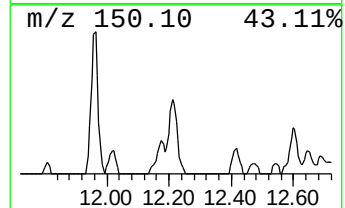
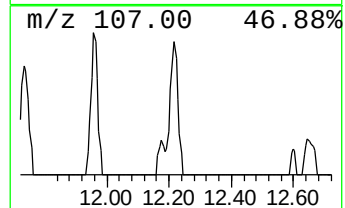
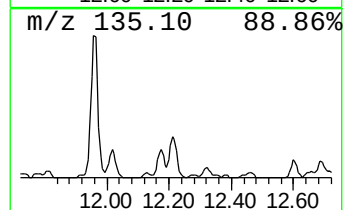
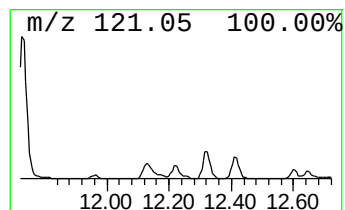
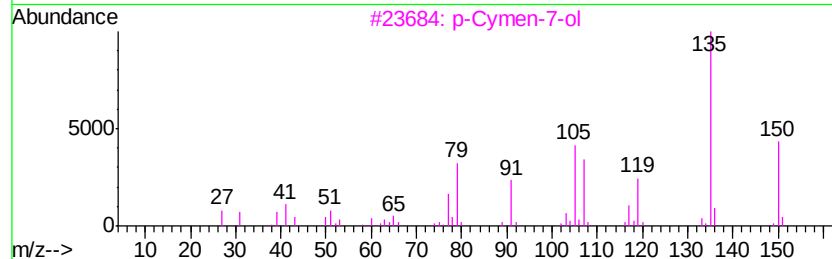
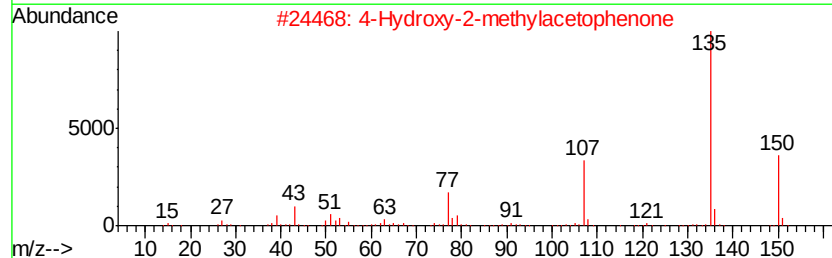
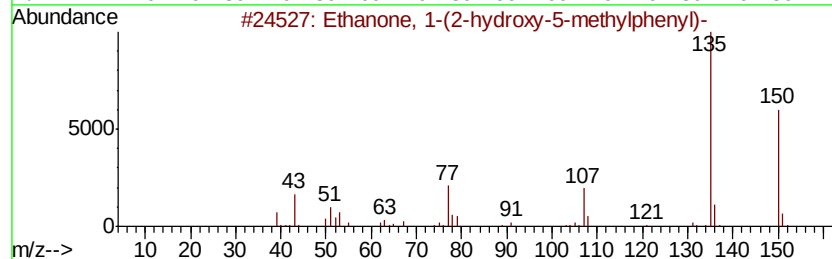
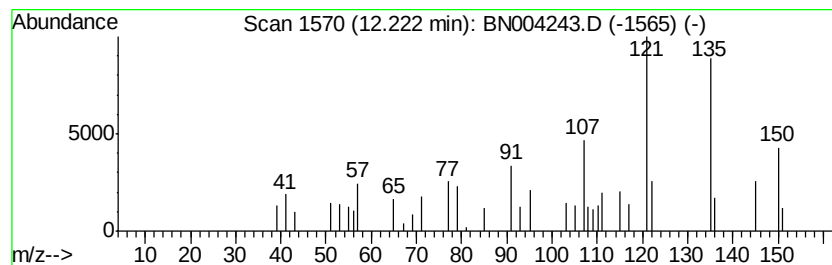
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Ethanone, 1-(2-hydroxy-5-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	3.40 ng/ul	61084	Napthalene-d8	10.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	68
2		4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	64
3		p-Cymen-7-ol	150	C10H14O	000536-60-7	64
4		Thymol	150	C10H14O	000089-83-8	64
5		2-Methyladamantane	150	C11H18	000700-56-1	64



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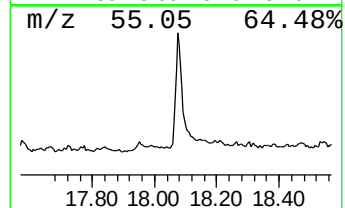
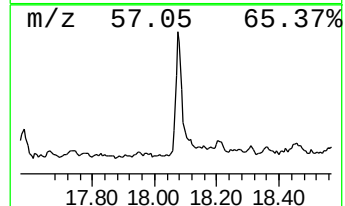
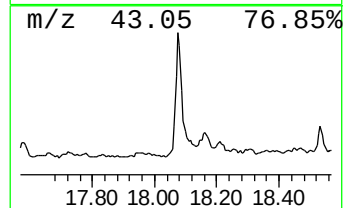
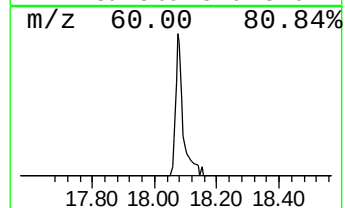
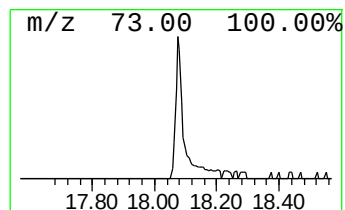
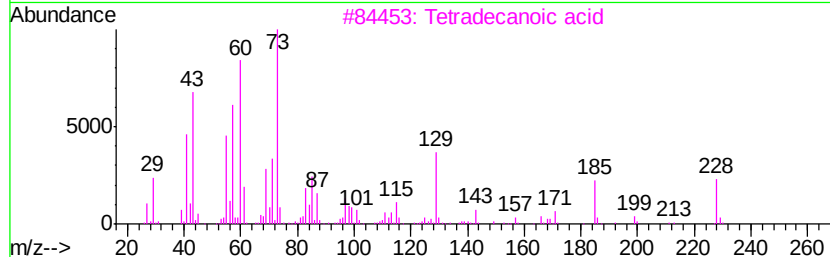
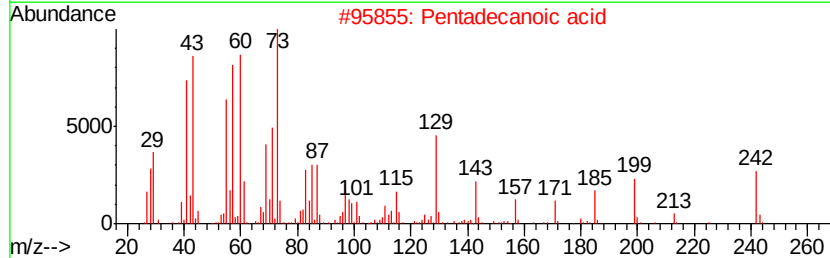
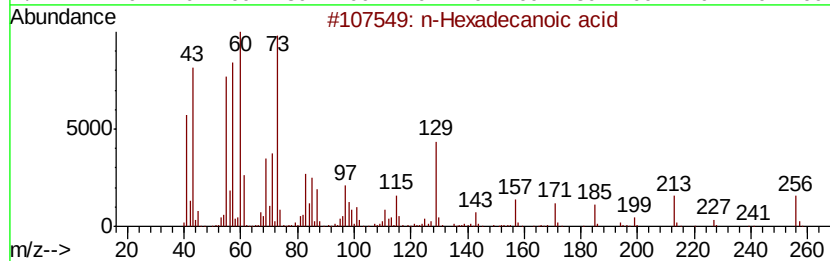
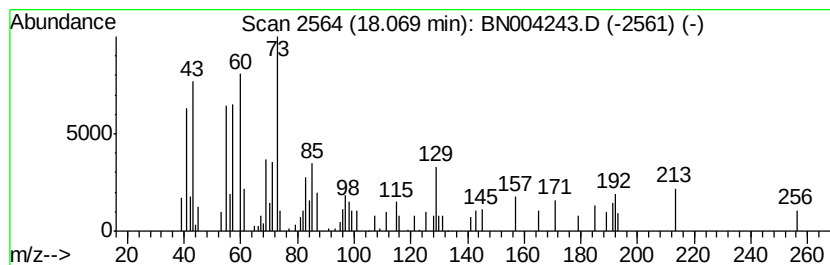
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	4.65 ng/ul	117311	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	59
4		Tridecanoic acid	214	C13H26O2	000638-53-9	58
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
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ALS Vial : 10 Sample Multiplier: 1

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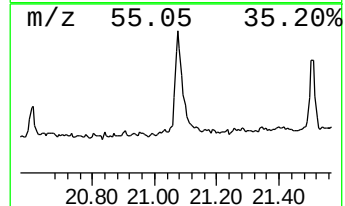
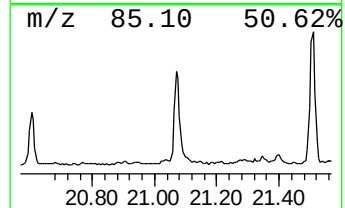
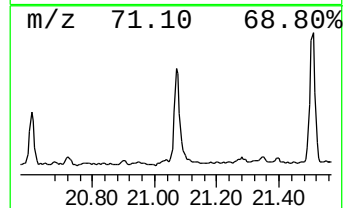
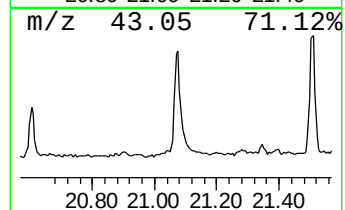
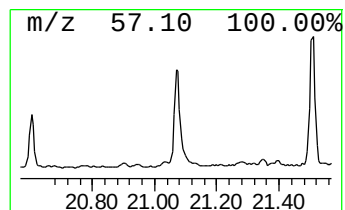
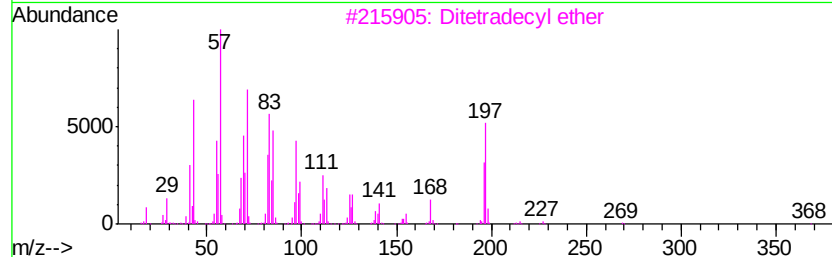
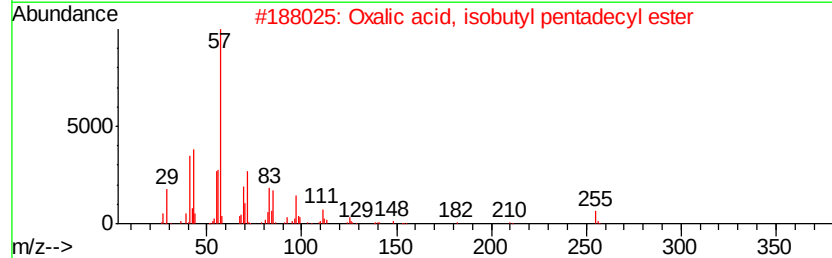
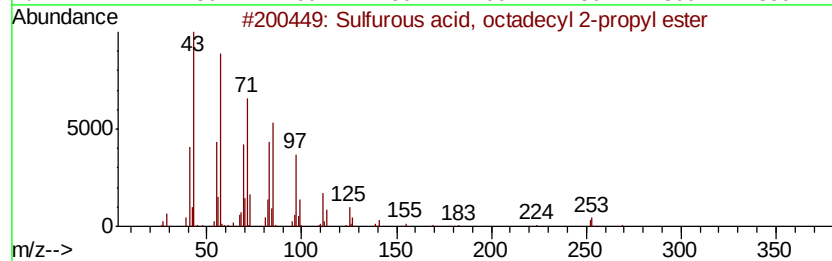
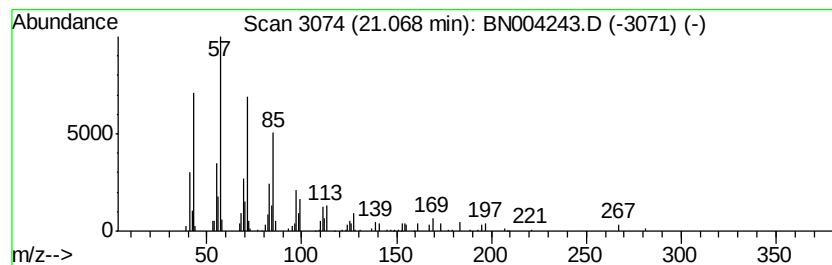
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Sulfurous acid, octadecyl 2... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	2.82 ng/ul	95440	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	91
2		Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	91
3		Ditetradecyl ether	410	C28H58O	005412-98-6	91
4		Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	90
5		1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004243.D
Acq On : 27 Dec 2018 16:31
Operator : JU/SJ
Sample : J6541-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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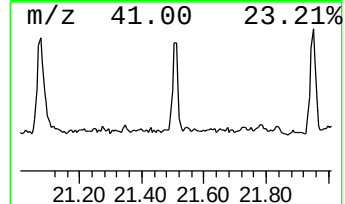
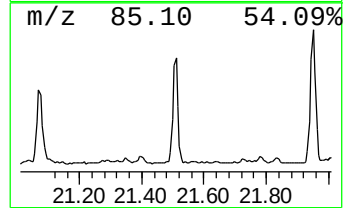
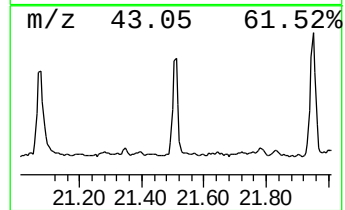
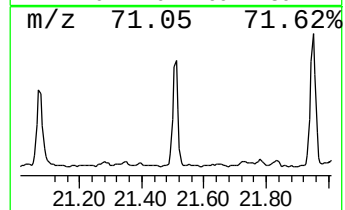
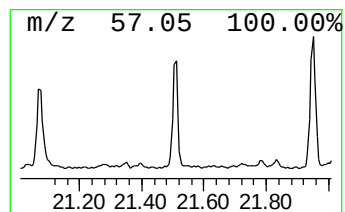
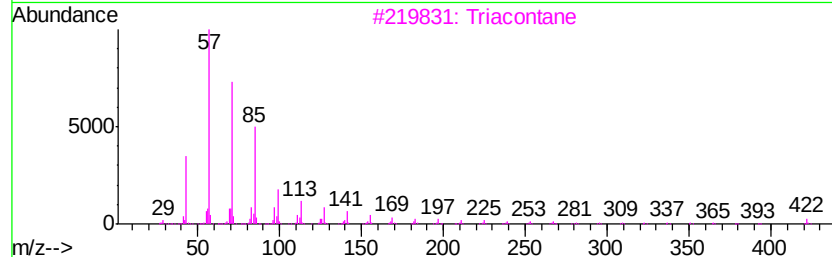
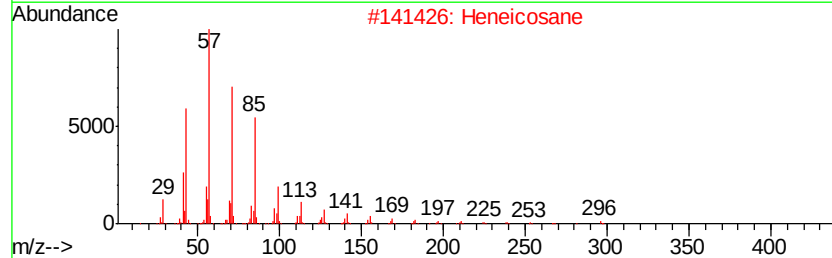
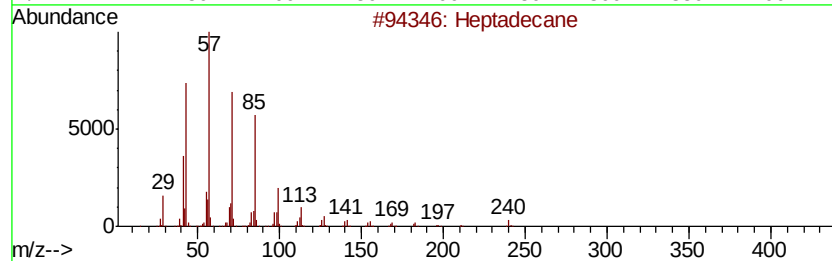
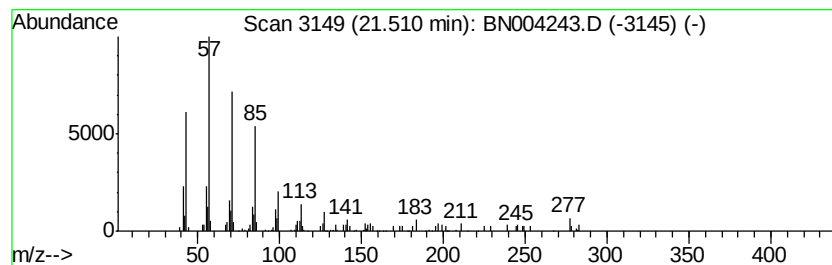
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.51	2.55 ng/ul	86427	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Triacontane	422	C30H62	000638-68-6	87
4		Hexacosane	366	C26H54	000630-01-3	87
5		2-methyloctacosane	408	C29H60	1000376-72-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004243.D
Acq On : 27 Dec 2018 16:31
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Sample : J6541-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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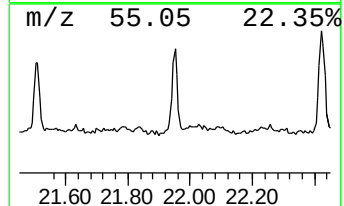
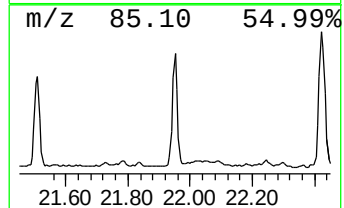
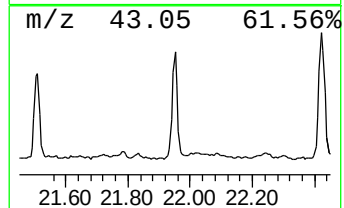
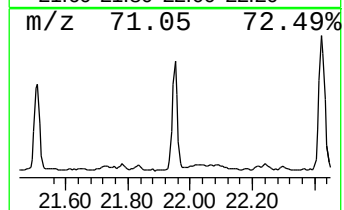
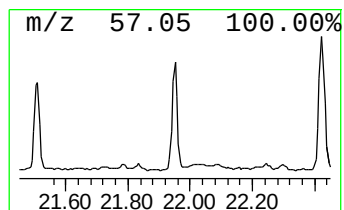
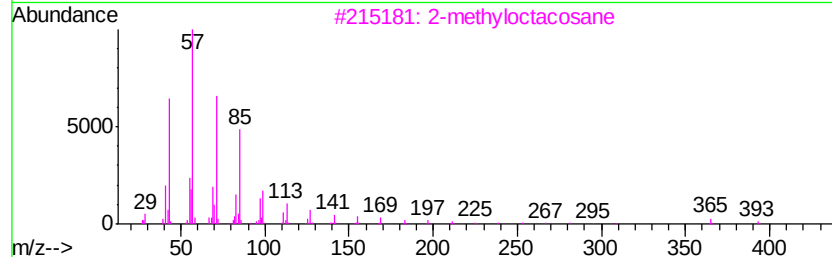
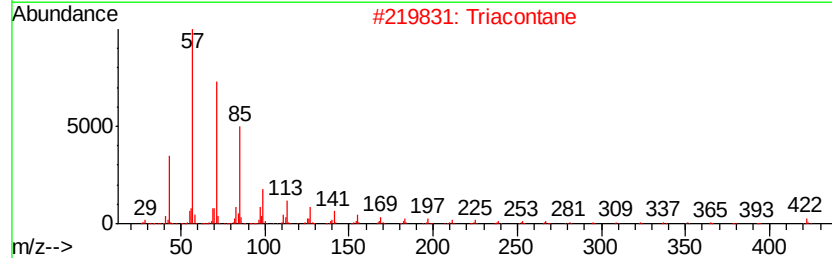
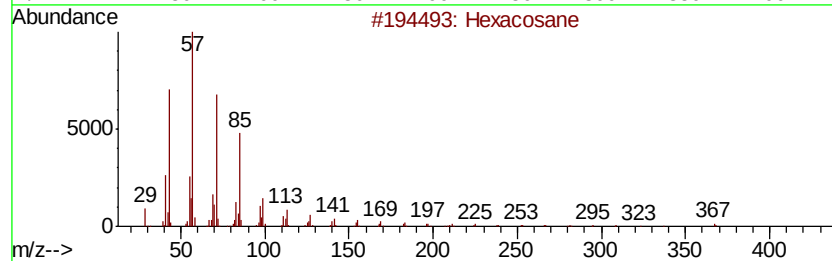
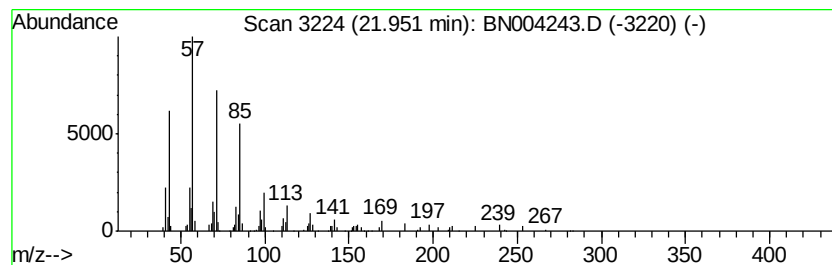
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.95	2.91 ng/ul	98771	Chrysene-d12	21.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	91
2			triacontane	422	C30H62	000638-68-6	91
3			2-methyloctacosane	408	C29H60	1000376-72-8	91
4			heptadecane	240	C17H36	000629-78-7	90
5			octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004243.D
Acq On : 27 Dec 2018 16:31
Operator : JU/SJ
Sample : J6541-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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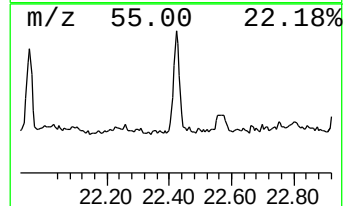
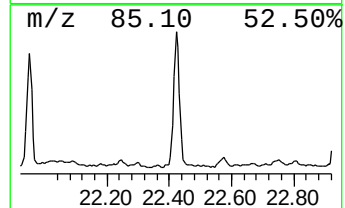
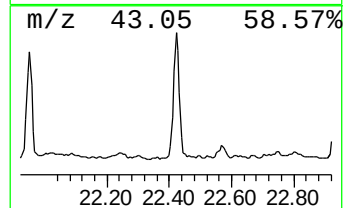
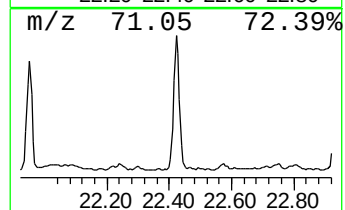
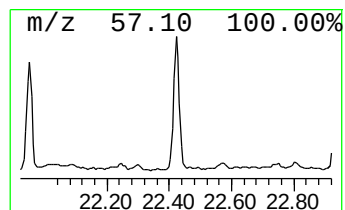
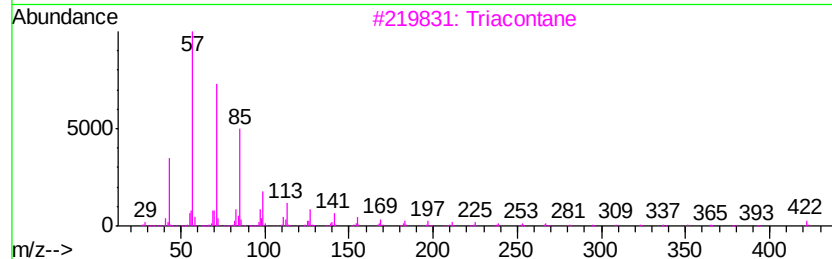
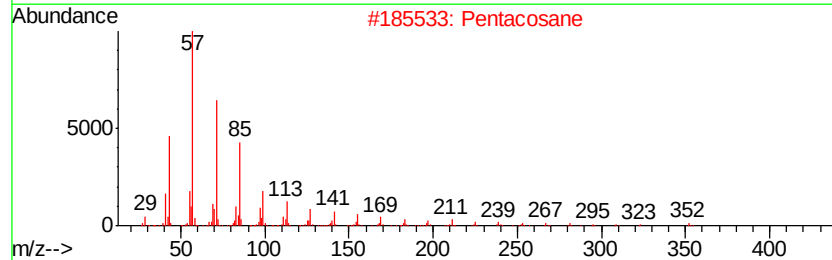
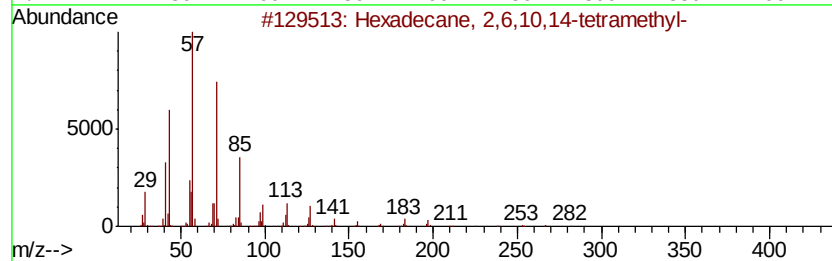
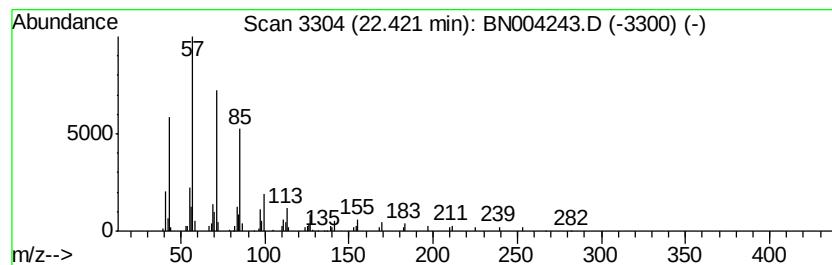
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.42	3.95 ng/ul	133842	Chrysene-d12	21.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	96
2			Pentacosane	352	C25H52	000629-99-2	91
3			triacontane	422	C30H62	000638-68-6	91
4			Octacosane	394	C28H58	000630-02-4	91
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004243.D
Acq On : 27 Dec 2018 16:31
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Sample : J6541-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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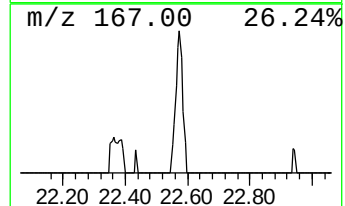
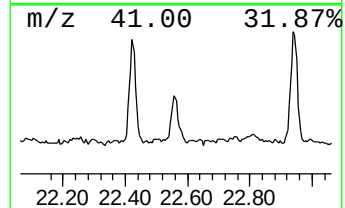
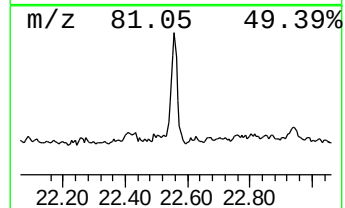
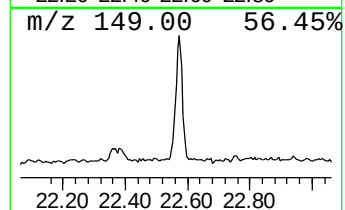
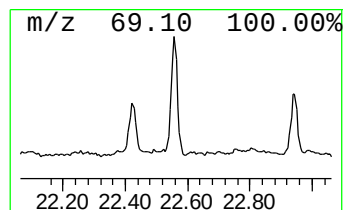
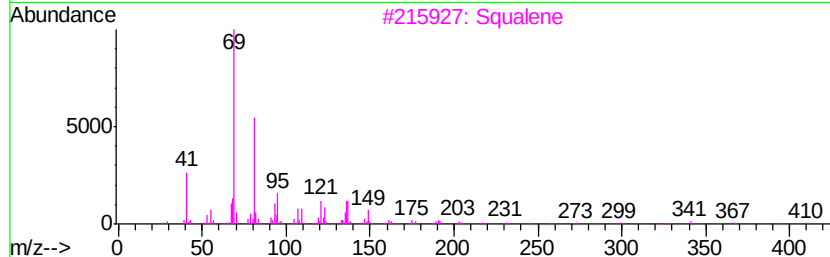
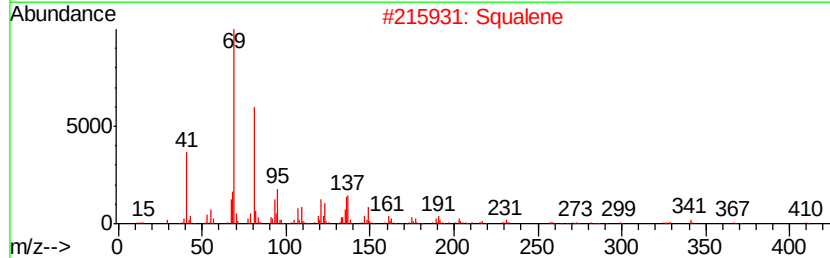
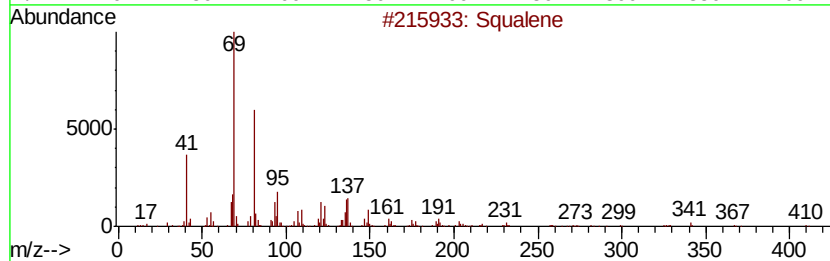
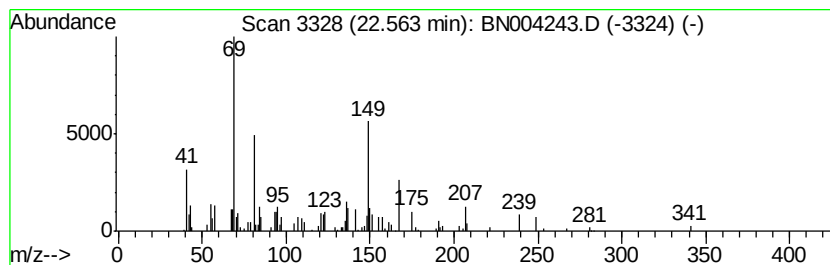
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Squalene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.56	2.01 ng/ul	67958	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	70
2		Squalene	410	C30H50	000111-02-4	70
3		Squalene	410	C30H50	000111-02-4	62
4		Squalene	410	C30H50	000111-02-4	62
5		Squalene	410	C30H50	000111-02-4	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004243.D
Acq On : 27 Dec 2018 16:31
Operator : JU/SJ
Sample : J6541-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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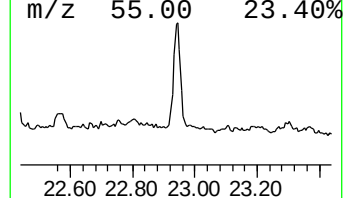
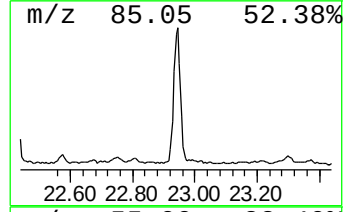
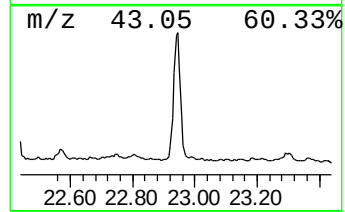
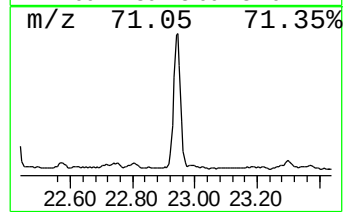
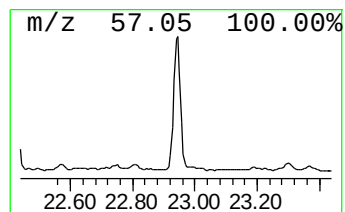
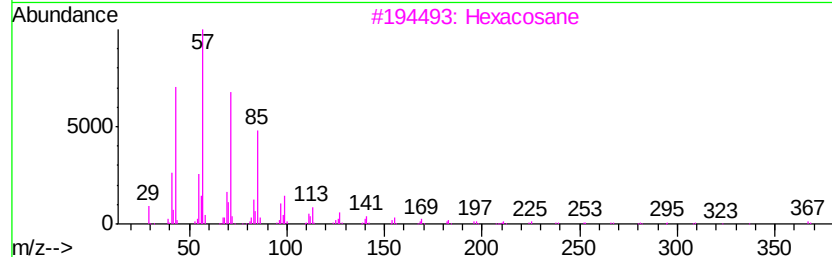
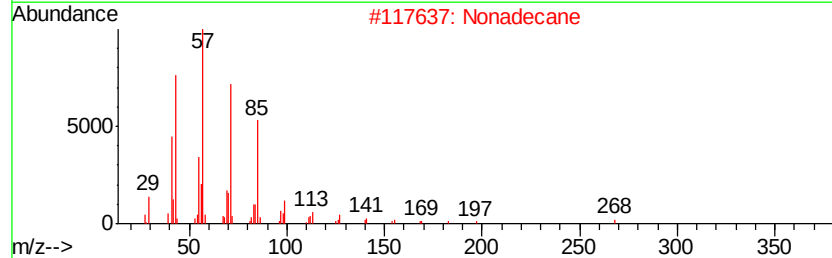
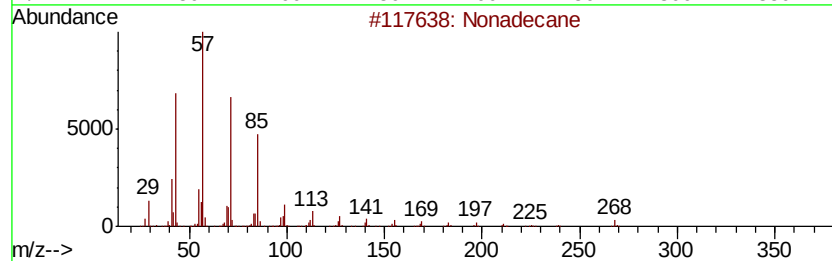
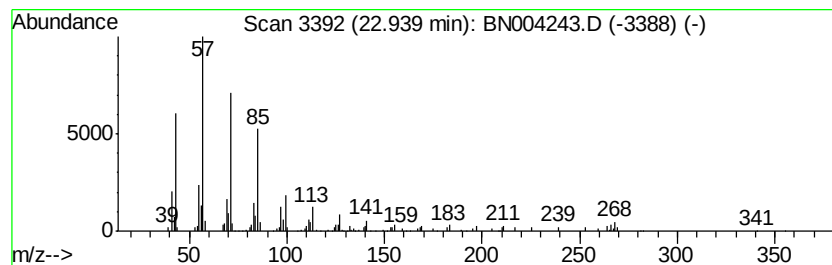
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.94	4.20 ng/ul	186542	Perylene-d12	23.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	96
2		Nonadecane	268	C19H40	000629-92-5	93
3		Hexacosane	366	C26H54	000630-01-3	87
4		2-methyloctacosane	408	C29H60	1000376-72-8	87
5		Triacontane	422	C30H62	000638-68-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
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Acq On : 27 Dec 2018 16:31
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Misc :
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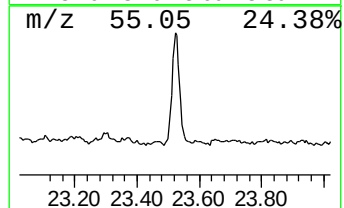
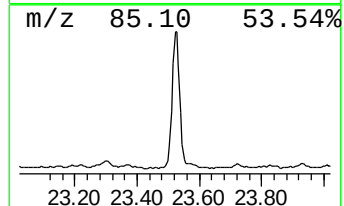
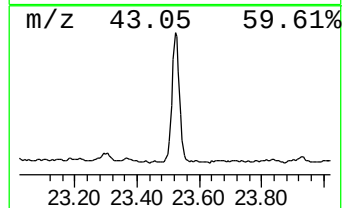
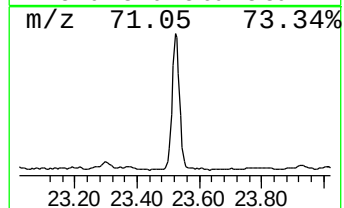
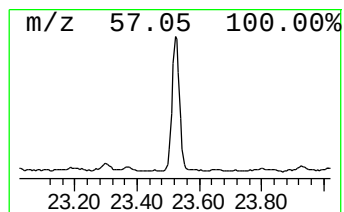
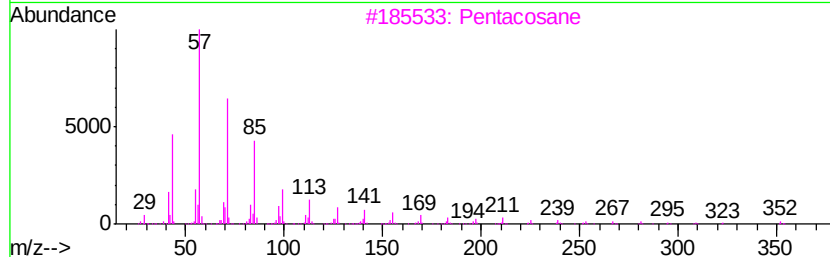
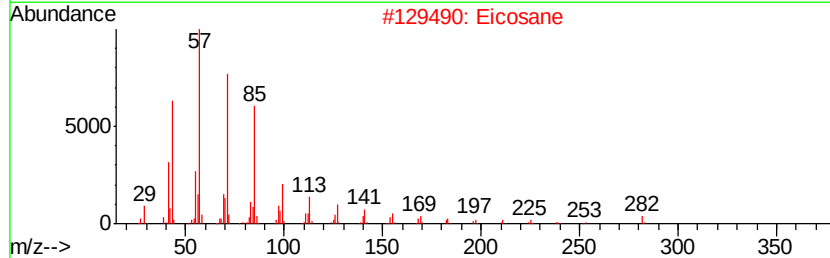
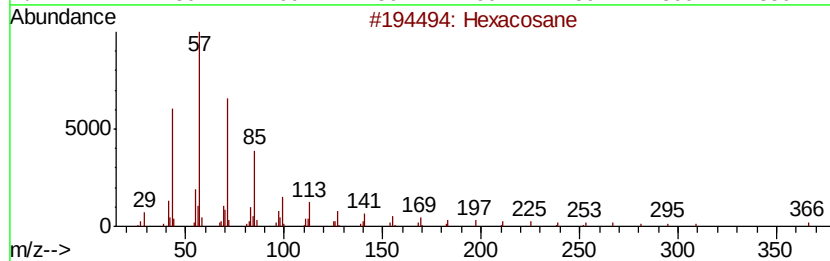
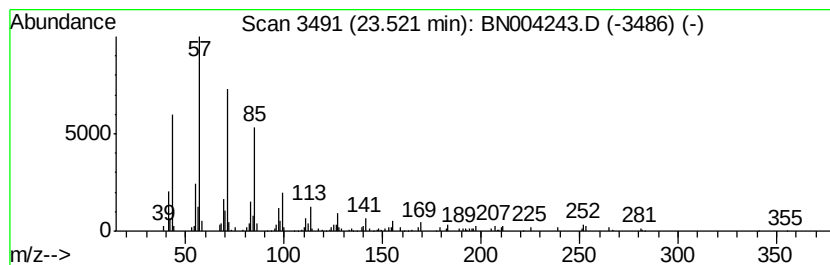
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.52	4.87 ng/ul	215990	Perylene-d12	23.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	91
2			Eicosane	282	C20H42	000112-95-8	91
3			Pentacosane	352	C25H52	000629-99-2	91
4			triacontane	422	C30H62	000638-68-6	91
5			Heptadecane	240	C17H36	000629-78-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004243.D
Acq On : 27 Dec 2018 16:31
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Sample : J6541-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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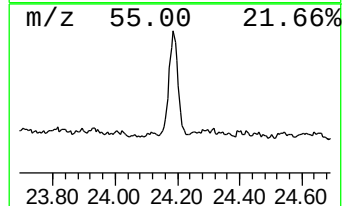
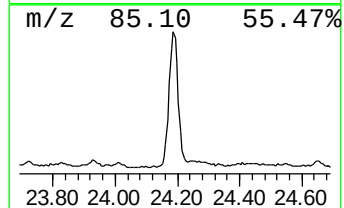
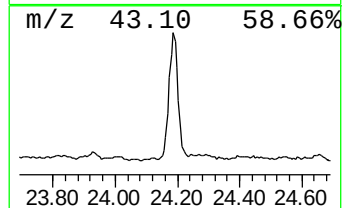
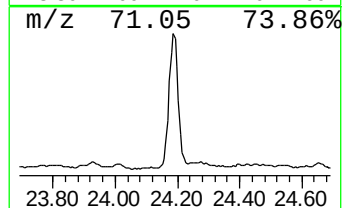
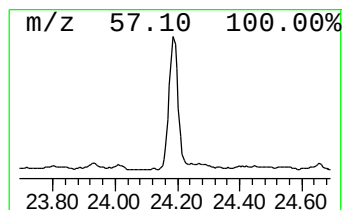
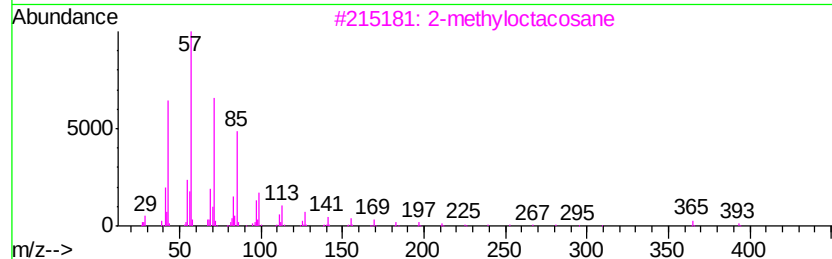
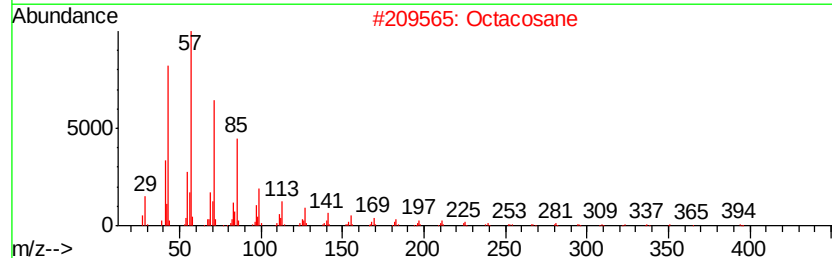
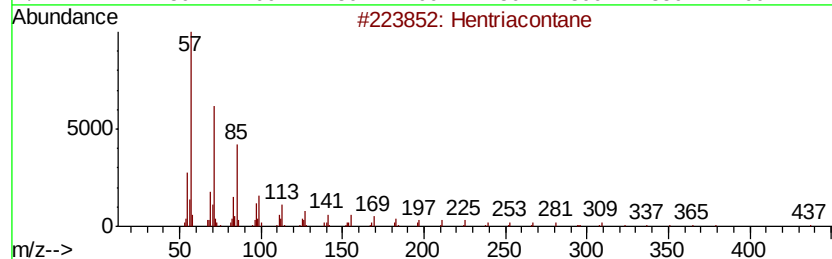
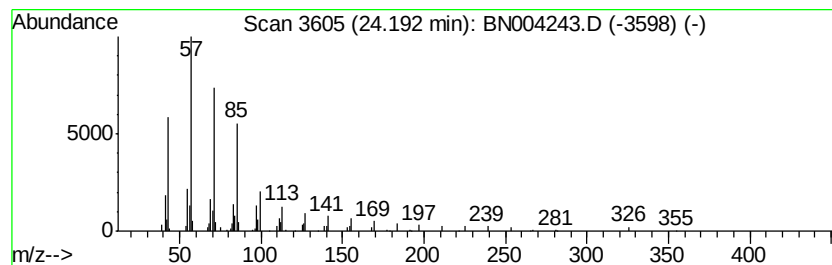
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.19	4.09 ng/ul	181314	Perylene-d12	23.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	94
2		Octacosane	394	C28H58	000630-02-4	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Eicosane	282	C20H42	000112-95-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004243.D
Acq On : 27 Dec 2018 16:31
Operator : JU/SJ
Sample : J6541-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F71

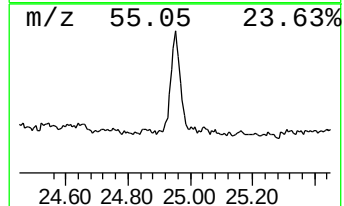
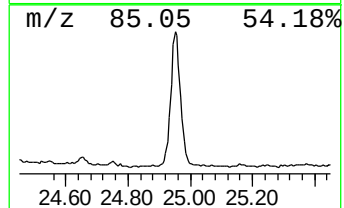
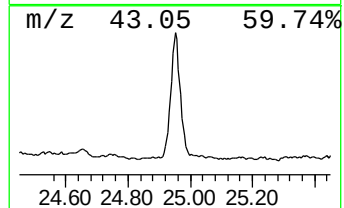
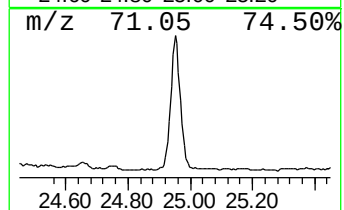
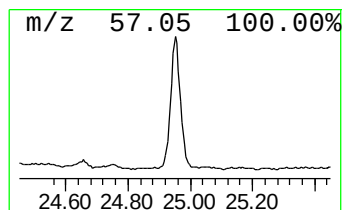
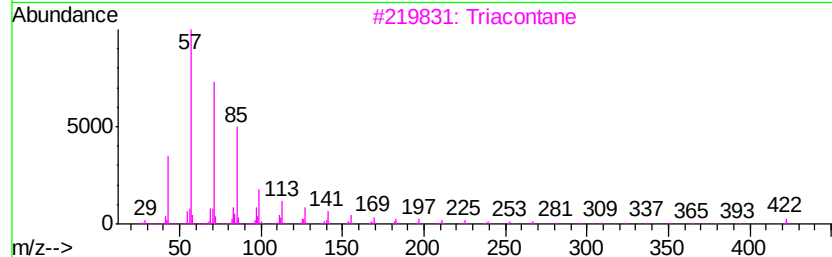
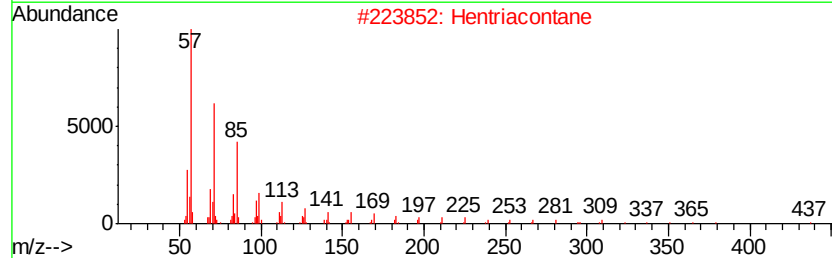
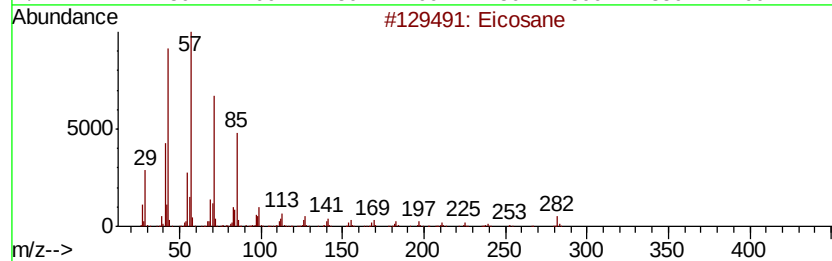
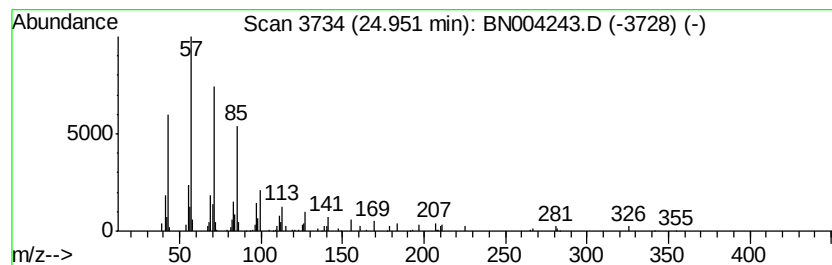
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.95	3.35 ng/ul	148475	Perylene-d12	23.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Hentriacontane	437	C31H64	000630-04-6	95
3		Triacontane	422	C30H62	000638-68-6	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Pentacosane	352	C25H52	000629-99-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004243.D
Acq On : 27 Dec 2018 16:31
Operator : JU/SJ
Sample : J6541-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F71

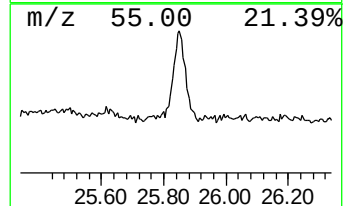
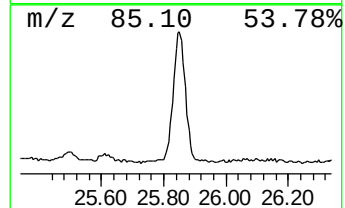
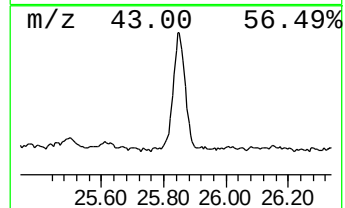
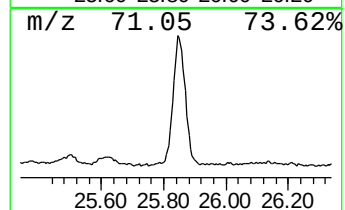
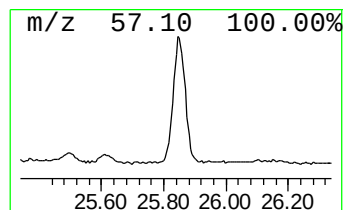
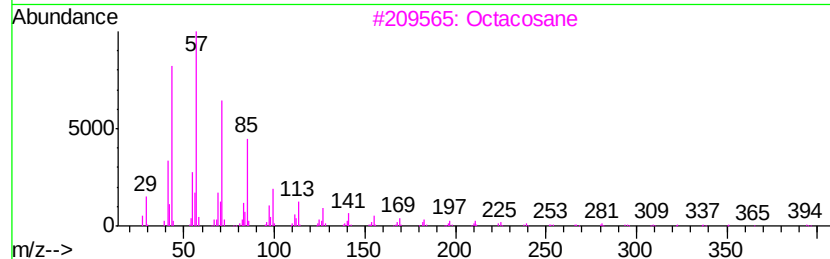
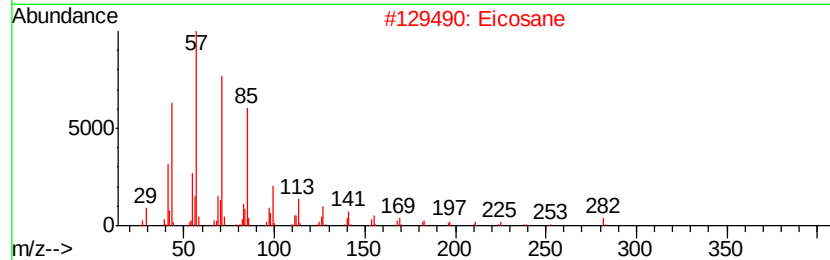
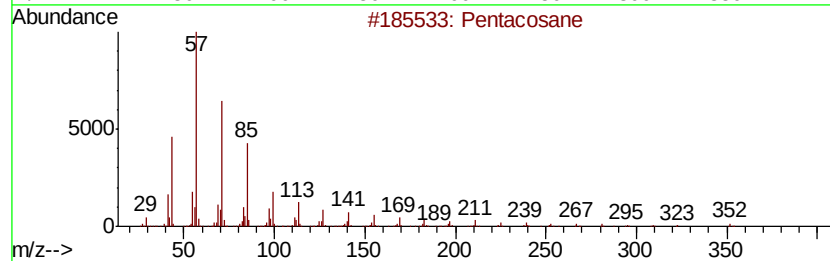
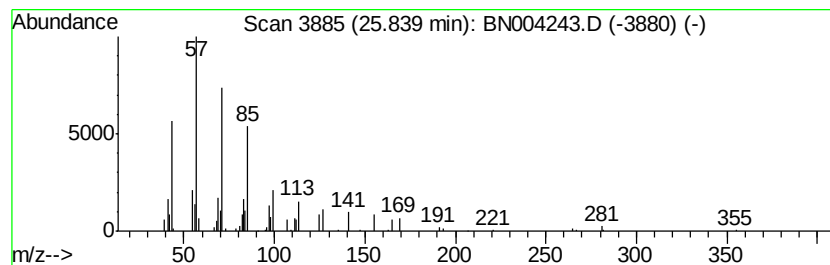
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.84	2.45 ng/ul	108536	Perylene-d12	23.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	91
2		Eicosane	282	C20H42	000112-95-8	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Docosane	310	C22H46	000629-97-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122718\
 Data File : BN004243.D
 Acq On : 27 Dec 2018 16:31
 Operator : JU/SJ
 Sample : J6541-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F71

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.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
Benzene, 1,3-dime...	5.83	2.8	ng/ul	26948	1	7.82	196238	20.0
Benzenethiol, 2-m...	8.83	2.4	ng/ul	23901	1	7.82	196238	20.0
Benzene, 1-ethyl-...	8.90	3.2	ng/ul	31038	1	7.82	196238	20.0
Phenol, 2,6-dimet...	9.24	15.0	ng/ul	270076	2	10.62	359678	20.0
Phenol, 3,5-dimet...	10.10	2.7	ng/ul	48466	2	10.62	359678	20.0
Phenol, 2-ethyl-6...	10.44	3.2	ng/ul	58341	2	10.62	359678	20.0
1,6-Dimethylhepta...	10.49	2.5	ng/ul	44665	2	10.62	359678	20.0
Phenol, 2-ethyl-5...	10.97	5.0	ng/ul	90651	2	10.62	359678	20.0
Benzene, 1-ethyl-...	11.15	21.4	ng/ul	383931	2	10.62	359678	20.0
Phenol, 3-ethyl-5...	11.44	9.7	ng/ul	173490	2	10.62	359678	20.0
Phenol, 2-ethyl-4...	11.49	2.6	ng/ul	46833	2	10.62	359678	20.0
Phenol, 3,4,5-tri...	11.63	4.4	ng/ul	79581	2	10.62	359678	20.0
Phenol, 3-(1-meth...	11.73	8.0	ng/ul	143550	2	10.62	359678	20.0
3-Methyl-4-isopro...	11.96	6.5	ng/ul	116576	2	10.62	359678	20.0
Ethanone, 1-(2-hy...	12.22	3.4	ng/ul	61084	2	10.62	359678	20.0
n-Hexadecanoic acid	18.07	4.7	ng/ul	117311	4	17.20	504616	20.0
Sulfurous acid, o...	21.07	2.8	ng/ul	95440	5	21.40	677711	20.0
(DEL) Alkane: Str...	21.51	2.5	ng/ul	86427	5	21.40	677711	20.0
(DEL) Alkane: Str...	21.95	2.9	ng/ul	98771	5	21.40	677711	20.0
(DEL) Alkane: Str...	22.42	4.0	ng/ul	133842	5	21.40	677711	20.0
Squalene	22.56	2.0	ng/ul	67958	5	21.40	677711	20.0
(DEL) Alkane: Str...	22.94	4.2	ng/ul	186542	6	23.72	887673	20.0
(DEL) Alkane: Str...	23.52	4.9	ng/ul	215990	6	23.72	887673	20.0
(DEL) Alkane: Str...	24.19	4.1	ng/ul	181314	6	23.72	887673	20.0
(DEL) Alkane: Str...	24.95	3.4	ng/ul	148475	6	23.72	887673	20.0
(DEL) Alkane: Str...	25.84	2.5	ng/ul	108536	6	23.72	887673	20.0