

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
 Data File : BN007802.D
 Acq On : 23 Sep 2019 15:13
 Operator : HP/JU
 Sample : K4982-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AW2

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 0.1 % 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-BN091619MA.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	5.058	347	352	357	rVB	168394	243170	0.44%	0.087%
2	5.246	379	384	393	rVB	556976	791758	1.43%	0.283%
3	5.375	400	406	416	rVB	1512052	2544672	4.58%	0.908%
4	5.740	462	468	477	rVB	555851	840547	1.51%	0.300%
5	6.863	652	659	668	rBV	1662810	2740817	4.94%	0.979%
6	7.028	680	687	703	rBV	1189961	2093980	3.77%	0.748%
7	7.228	713	721	734	rVB	1727286	2789718	5.03%	0.996%
8	7.340	734	740	746	rVV2	179544	288114	0.52%	0.103%
9	7.581	774	781	789	rBV	2192198	3329493	6.00%	1.189%
10	7.687	793	799	802	rBV	1915021	3131036	5.64%	1.118%
11	7.722	802	805	809	rVV	3163053	4846770	8.73%	1.730%
12	7.757	809	811	819	rVB	1174252	1595946	2.88%	0.570%
13	8.040	852	859	869	rVB	5931807	9473682	17.07%	3.382%
14	8.387	911	918	925	rBV	2074801	3241267	5.84%	1.157%
15	8.457	925	930	937	rVB4	56659	122321	0.22%	0.044%
16	8.828	980	993	1001	rBV	1497685	2595596	4.68%	0.927%
17	8.928	1005	1010	1013	rVV	131067	215656	0.39%	0.077%
18	9.304	1064	1074	1078	rBV2	67547	124376	0.22%	0.044%
19	9.546	1105	1115	1124	rBV	1120089	1931654	3.48%	0.690%
20	9.651	1129	1133	1144	rVB7	73102	202578	0.36%	0.072%
21	9.916	1170	1178	1180	rBV5	66246	153758	0.28%	0.055%
22	9.946	1180	1183	1188	rVB	118319	163827	0.30%	0.058%
23	10.081	1199	1206	1218	rBV	2121339	3560236	6.41%	1.271%
24	10.328	1241	1248	1255	rBV2	666871	1152723	2.08%	0.412%
25	10.457	1261	1270	1282	rBV	2736844	4626521	8.34%	1.652%
26	10.593	1282	1293	1299	rBV	2056205	3543768	6.38%	1.265%
27	10.651	1299	1303	1308	rVB3	105844	163511	0.29%	0.058%
28	10.816	1327	1331	1332	rVV2	74106	96232	0.17%	0.034%
29	10.840	1333	1335	1340	rVB	118546	157607	0.28%	0.056%
30	11.004	1358	1363	1368	rVB3	111008	181316	0.33%	0.065%
31	11.081	1371	1376	1381	rVB2	163213	252134	0.45%	0.090%
32	11.287	1405	1411	1424	rVB2	1110645	2033729	3.66%	0.726%
33	11.487	1440	1445	1446	rBV	120125	162661	0.29%	0.058%
34	11.516	1446	1450	1451	rVV2	283138	427622	0.77%	0.153%

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35	11.540	1451	1454	1458	rVV	359232	678150	1.22%	0.242%
36	11.575	1458	1460	1469	rVB2	265152	476052	0.86%	0.170%
37	11.910	1509	1517	1523	rBV2	279386	568806	1.02%	0.203%
38	12.051	1538	1541	1545	rBV5	84193	125537	0.23%	0.045%
39	12.210	1563	1568	1575	rBV6	141988	292068	0.53%	0.104%
40	12.275	1575	1579	1582	rBV2	108381	154800	0.28%	0.055%
41	12.351	1588	1592	1597	rBV6	97581	181171	0.33%	0.065%
42	12.610	1633	1636	1643	rVB3	112615	198351	0.36%	0.071%
43	12.681	1643	1648	1653	rBV7	100252	198959	0.36%	0.071%
44	12.757	1653	1661	1668	rVB3	231834	594396	1.07%	0.212%
45	12.828	1668	1673	1677	rBV5	139825	247984	0.45%	0.089%
46	12.875	1677	1681	1685	rBV	353096	454210	0.82%	0.162%
47	12.922	1685	1689	1694	rVB5	171737	289822	0.52%	0.103%
48	13.110	1717	1721	1724	rBV2	252850	347697	0.63%	0.124%
49	13.257	1743	1746	1751	rBV4	125774	232316	0.42%	0.083%
50	13.728	1821	1826	1832	rBV	3928081	6173184	11.12%	2.204%
51	13.828	1838	1843	1847	rBV2	515651	697260	1.26%	0.249%
52	13.869	1847	1850	1859	rVB4	271217	563650	1.02%	0.201%
53	13.945	1860	1863	1866	rBV5	75849	92562	0.17%	0.033%
54	14.004	1867	1873	1880	rBV2	4388666	6682036	12.04%	2.386%
55	14.069	1881	1884	1888	rBV3	192171	252454	0.45%	0.090%
56	14.157	1895	1899	1908	rVB	906582	1485018	2.68%	0.530%
57	14.239	1908	1913	1917	rBV3	270347	487954	0.88%	0.174%
58	14.316	1918	1926	1931	rVV	4172020	6695742	12.06%	2.391%
59	14.363	1931	1934	1939	rVB	525223	682384	1.23%	0.244%
60	14.422	1940	1944	1949	rBV4	177074	323067	0.58%	0.115%
61	14.510	1954	1959	1964	rBV	1366447	2150851	3.87%	0.768%
62	14.586	1969	1972	1980	rVB2	331070	530677	0.96%	0.189%
63	14.651	1980	1983	1987	rBV2	134901	240647	0.43%	0.086%
64	14.869	2016	2020	2026	rBV6	365687	583820	1.05%	0.208%
65	14.986	2038	2040	2045	rVB3	369484	487158	0.88%	0.174%
66	15.051	2048	2051	2056	rVV4	267003	461330	0.83%	0.165%
67	15.122	2058	2063	2069	rVB2	786483	1280993	2.31%	0.457%
68	15.310	2090	2095	2101	rVB	5455794	8123057	14.63%	2.900%
69	15.428	2110	2115	2121	rVB2	1129083	1652933	2.98%	0.590%
70	16.051	2217	2221	2224	rBV	982164	1337704	2.41%	0.478%
71	16.086	2224	2227	2234	rVB	800151	1120728	2.02%	0.400%

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72	17.063	2388	2393	2398	rBV2	4790568	6479469	11.67%	2.313%
73	17.157	2404	2409	2416	rVB	6155606	8757576	15.78%	3.127%
74	17.980	2545	2549	2554	rBV4	717847	1311236	2.36%	0.468%
75	18.092	2565	2568	2573	rBV	538672	1045560	1.88%	0.373%
76	18.139	2573	2576	2580	rVV2	627526	958671	1.73%	0.342%
77	18.433	2623	2626	2630	rBV	640029	922051	1.66%	0.329%
78	19.457	2795	2800	2810	rVB2	7878668	11036683	19.88%	3.940%
79	19.710	2839	2843	2851	rVB	1145954	1392430	2.51%	0.497%
80	20.004	2889	2893	2896	rBV	362411	475961	0.86%	0.170%
81	20.121	2908	2913	2917	rVV	2697623	3348378	6.03%	1.195%
82	20.174	2917	2922	2929	rVB	12805351	15479333	27.89%	5.526%
83	20.345	2947	2951	2955	rBV	601851	704344	1.27%	0.251%
84	20.563	2981	2988	2993	rVB	43935131	55507075	100.00%	19.817%
85	20.998	3057	3062	3075	rBV3	1282202	2370824	4.27%	0.846%
86	21.192	3092	3095	3099	rVB	429535	472245	0.85%	0.169%
87	21.257	3101	3106	3114	rVB	6876914	8487614	15.29%	3.030%
88	21.433	3133	3136	3141	rVB2	311025	371767	0.67%	0.133%
89	21.686	3176	3179	3183	rBV2	119438	115431	0.21%	0.041%
90	21.780	3188	3195	3206	rVB3	1841567	3467087	6.25%	1.238%
91	21.874	3207	3211	3215	rBV2	431771	606998	1.09%	0.217%
92	22.180	3260	3263	3267	rBV5	164101	243338	0.44%	0.087%
93	22.333	3284	3289	3301	rBV	18162858	25322418	45.62%	9.041%
94	22.745	3356	3359	3364	rVB3	180587	260646	0.47%	0.093%
95	22.833	3370	3374	3386	rVB3	621545	1115719	2.01%	0.398%
96	23.333	3452	3459	3466	rBV	6487512	11310702	20.38%	4.038%
97	23.398	3466	3470	3476	rVV3	532251	1117296	2.01%	0.399%
98	23.474	3476	3483	3496	rVB2	4718835	9089850	16.38%	3.245%
99	24.033	3573	3578	3585	rBV	436026	783880	1.41%	0.280%
100	24.774	3699	3704	3711	rVB	287505	577521	1.04%	0.206%

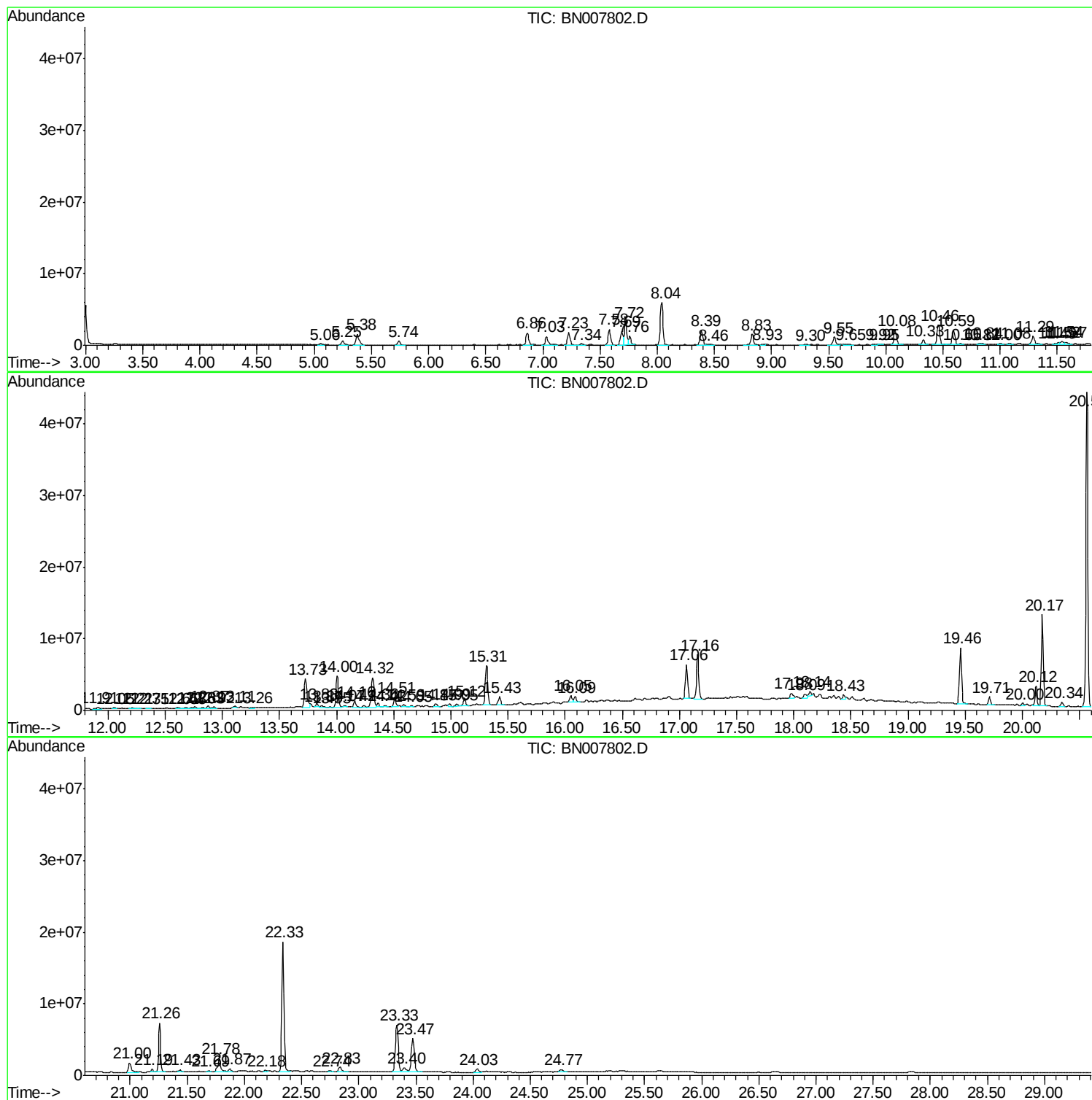
Sum of corrected areas: 280096427

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

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



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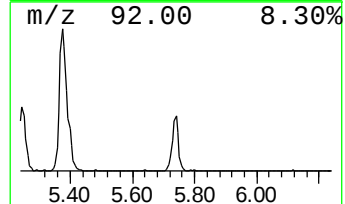
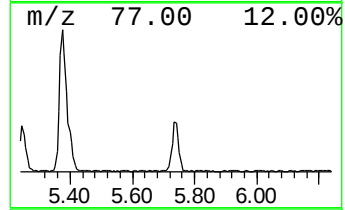
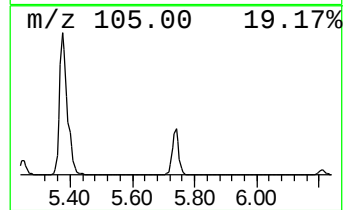
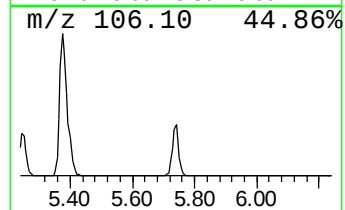
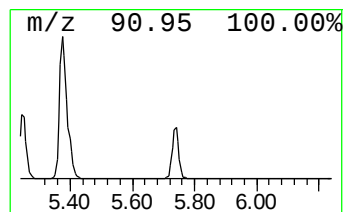
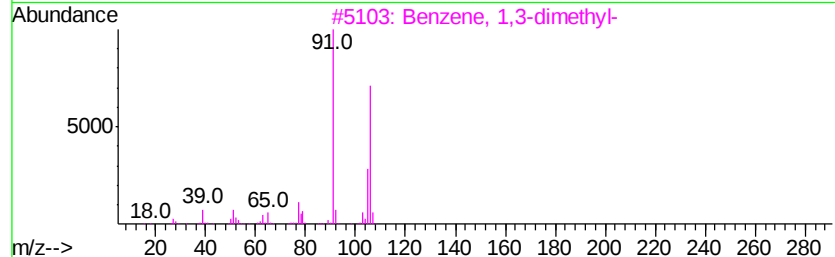
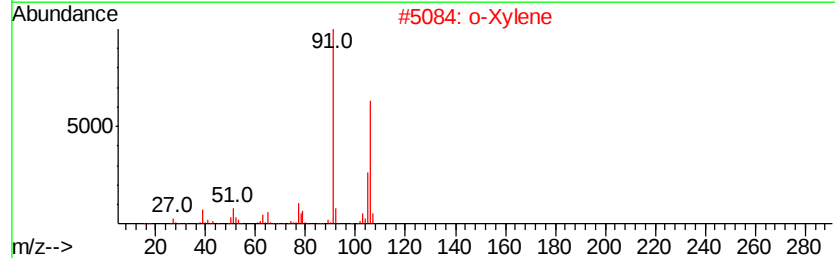
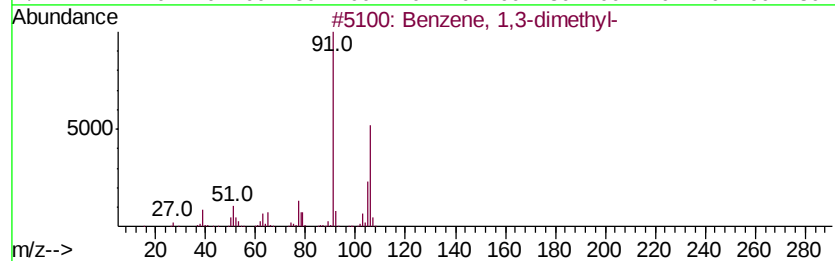
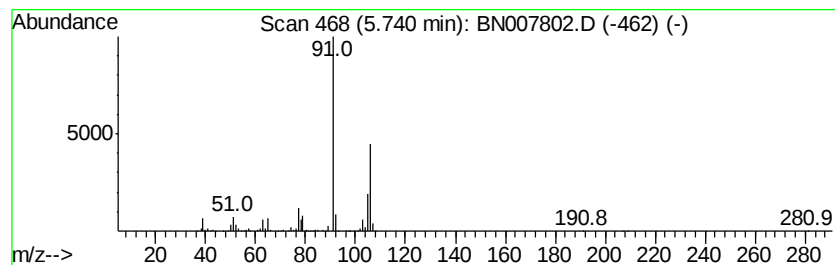
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.74	5.37 ng/ul	840547	1,4-Dichlorobenzene-d4	7.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2		o-Xylene	106	C8H10	000095-47-6	95
3		Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
4		p-Xylene	106	C8H10	000106-42-3	95
5		p-Xylene	106	C8H10	000106-42-3	95



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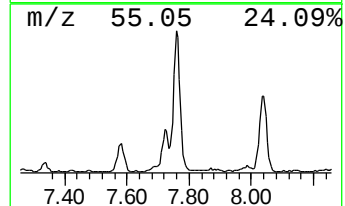
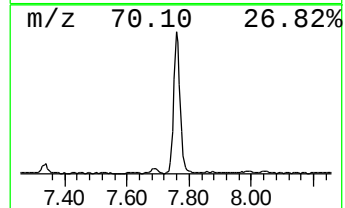
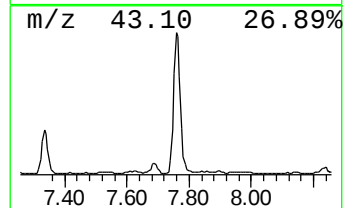
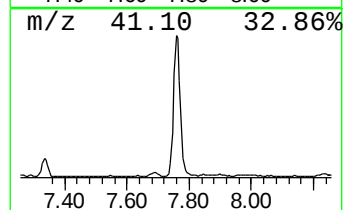
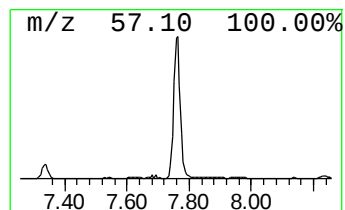
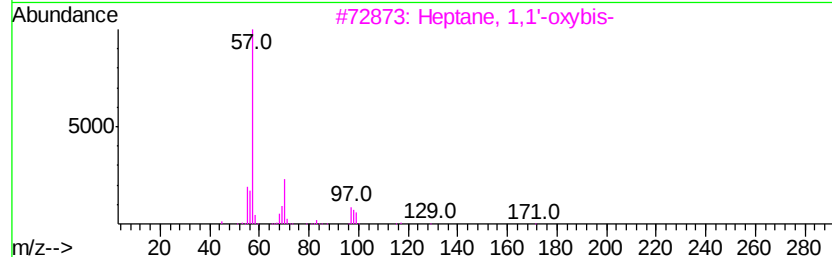
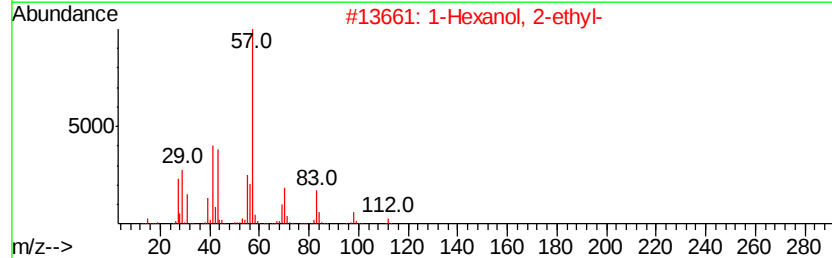
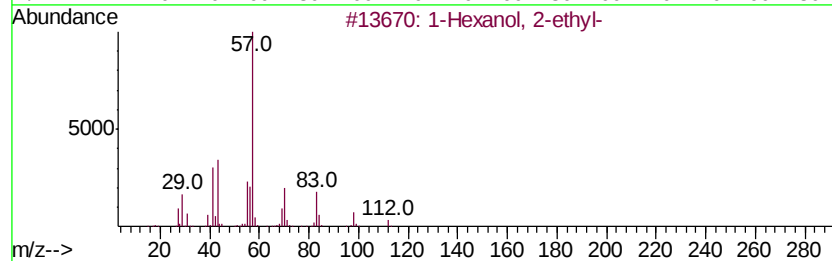
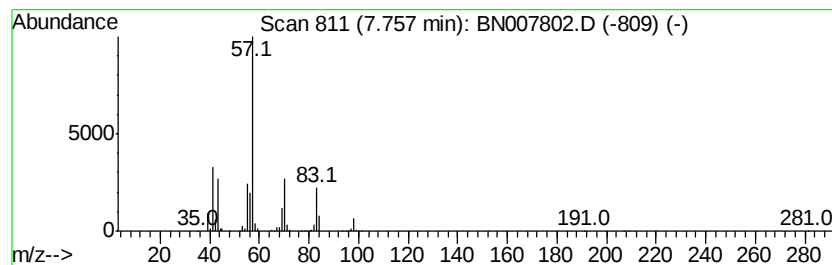
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	10.19 ng/ul	1595950	1,4-Dichlorobenzene-d4	7.69

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-		130	C8H18O	000104-76-7	59
2	1-Hexanol, 2-ethyl-		130	C8H18O	000104-76-7	59
3	Heptane, 1,1'-oxybis-		214	C14H30O	000629-64-1	53
4	1-Hexanol, 2-ethyl-		130	C8H18O	000104-76-7	50
5	2-Propyl-1-pentanol		130	C8H18O	058175-57-8	47



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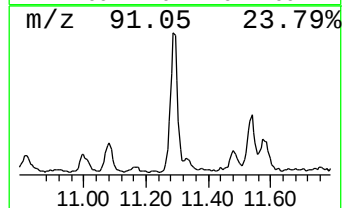
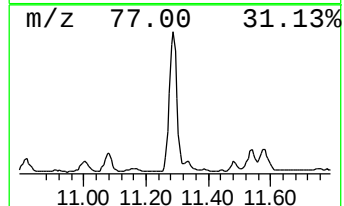
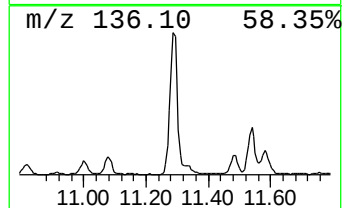
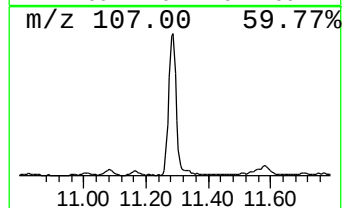
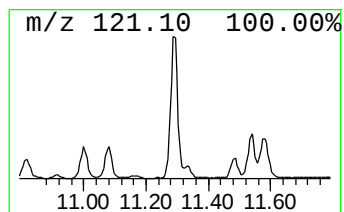
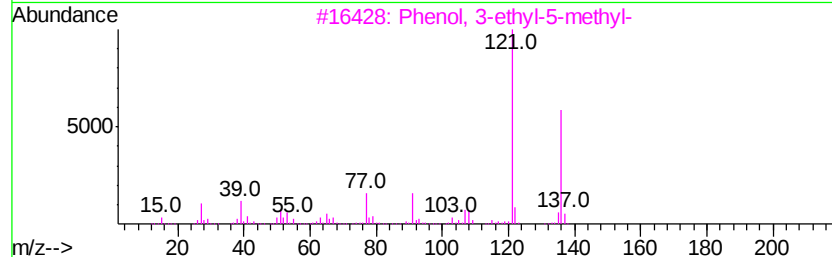
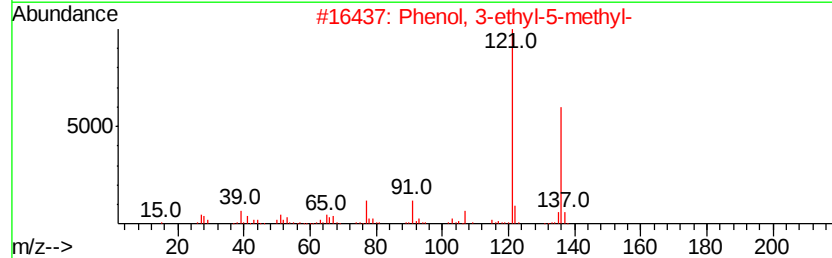
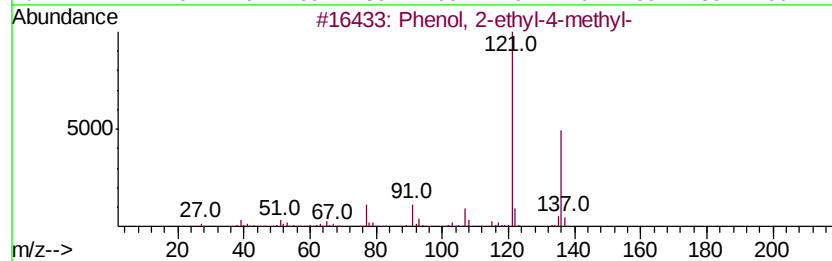
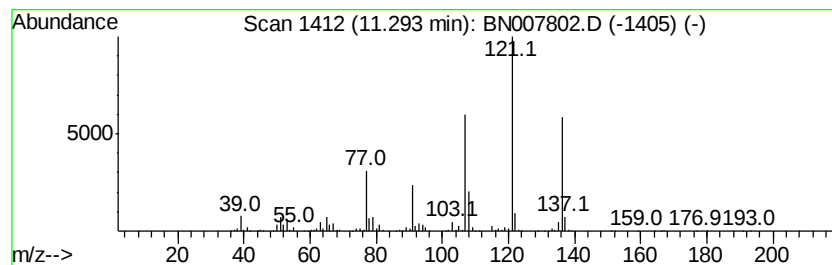
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Phenol, 2-ethyl-4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	8.79 ng/ul	2033730	Napthalene-d8	10.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Phenol, 2-ethyl-4-methyl-	136 C9H12O	003855-26-3	64
2	Phenol, 3-ethyl-5-methyl-	136 C9H12O	000698-71-5	60
3	Phenol, 3-ethyl-5-methyl-	136 C9H12O	000698-71-5	58
4	Phenol, 2,4,6-trimethyl-	136 C9H12O	000527-60-6	55
5	Phenol, 2-(1-methylethyl)-	136 C9H12O	000088-69-7	53



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Data File : BN007802.D
Acq On : 23 Sep 2019 15:13
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Sample : K4982-05
Misc :
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Instrument :
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ClientSampleId :
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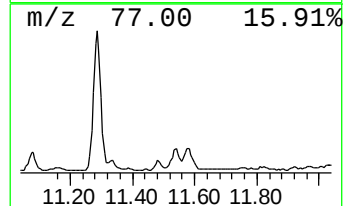
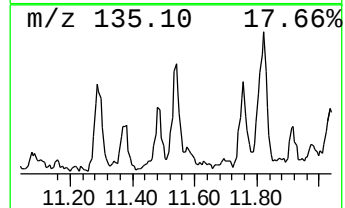
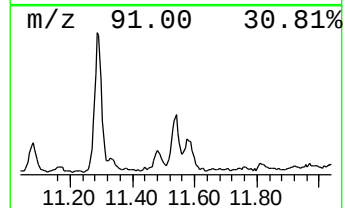
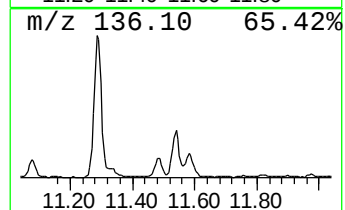
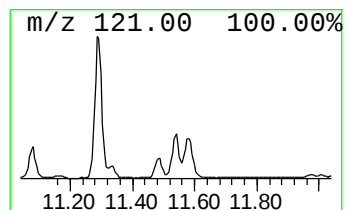
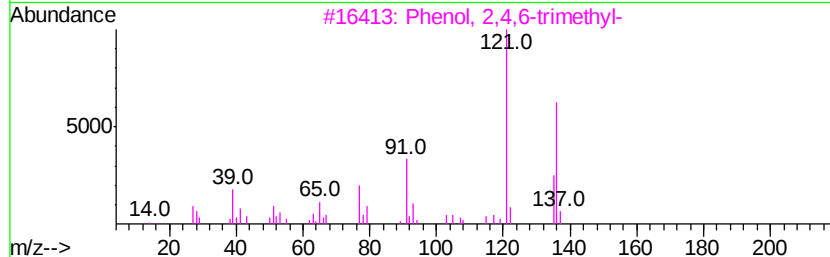
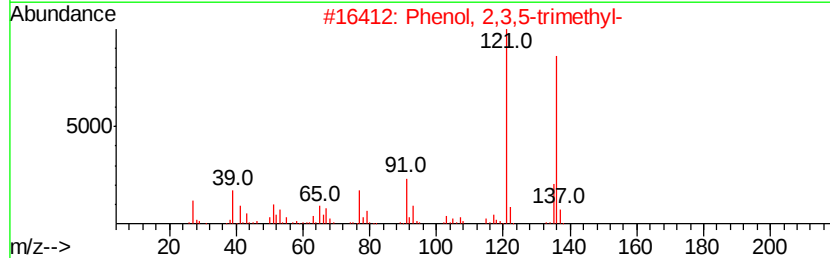
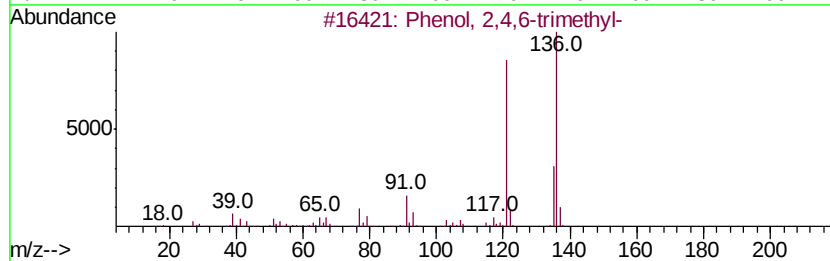
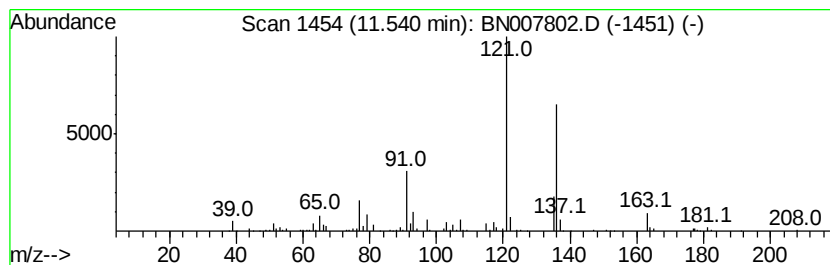
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Phenol, 2,4,6-trimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	2.93 ng/ul	678150	Napthalene-d8	10.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	94
2		Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	91
3		Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	90
4		Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	90
5		Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007802.D
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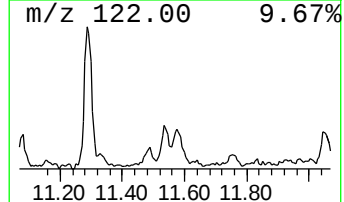
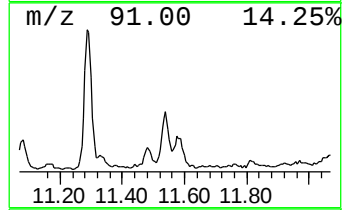
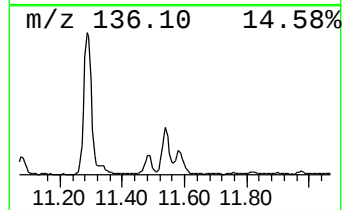
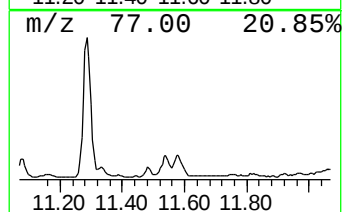
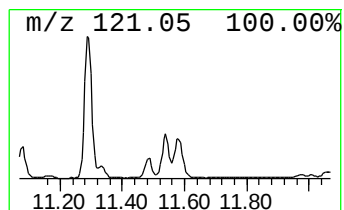
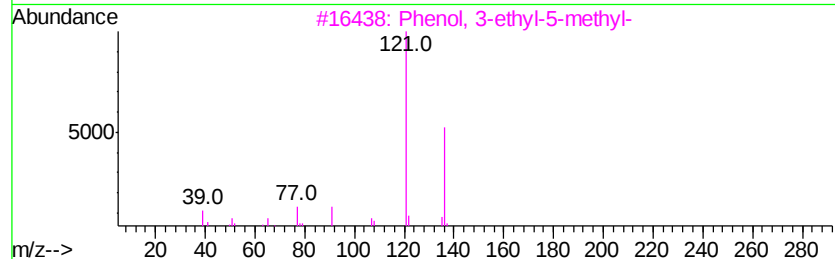
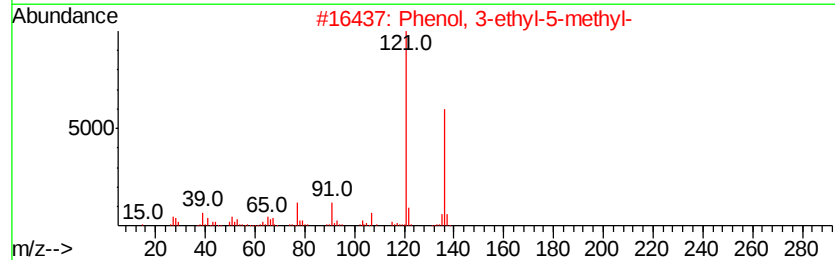
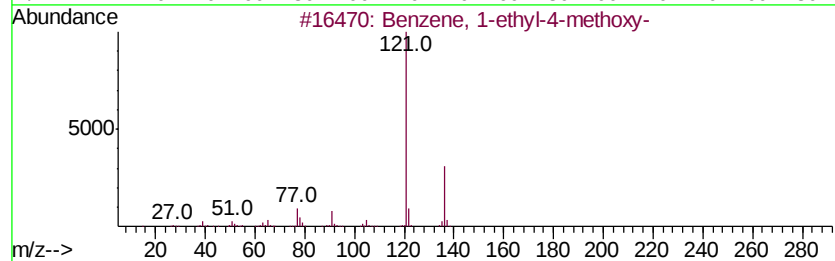
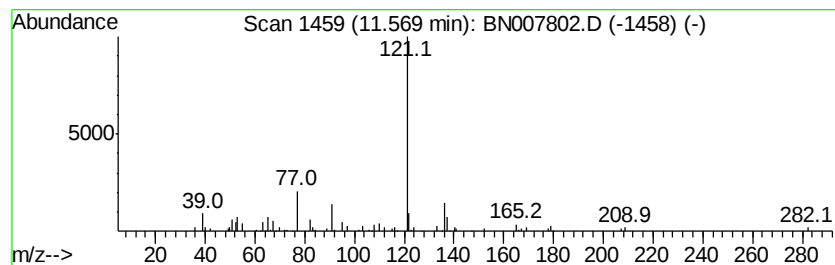
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Benzene, 1-ethyl-4-methoxy- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	2.06 ng/ul	476052	Naphthalene-d8	10.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	86
2			Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	83
3			Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	83
4			Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	78
5			Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007802.D
Acq On : 23 Sep 2019 15:13
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Sample : K4982-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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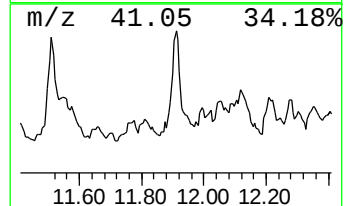
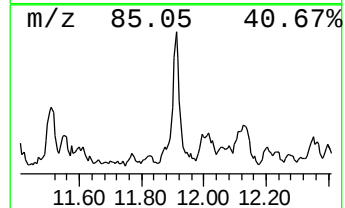
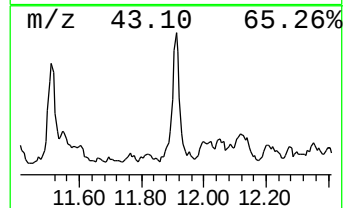
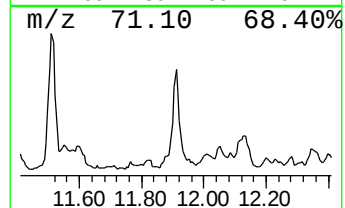
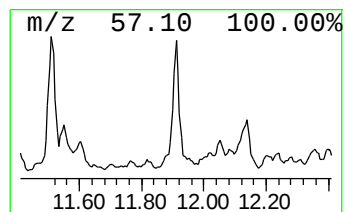
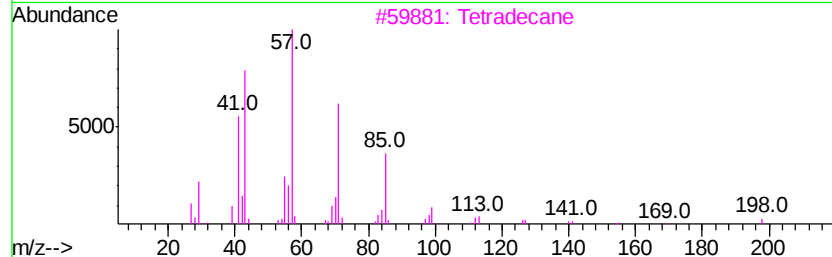
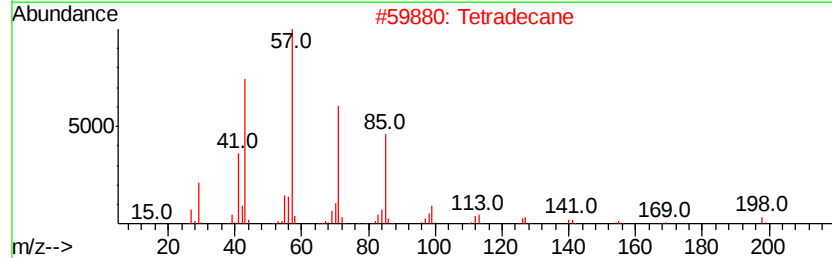
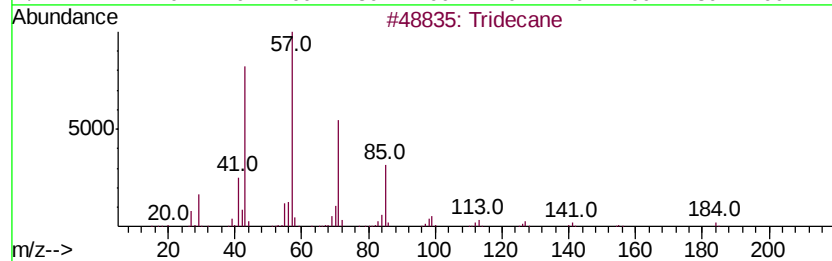
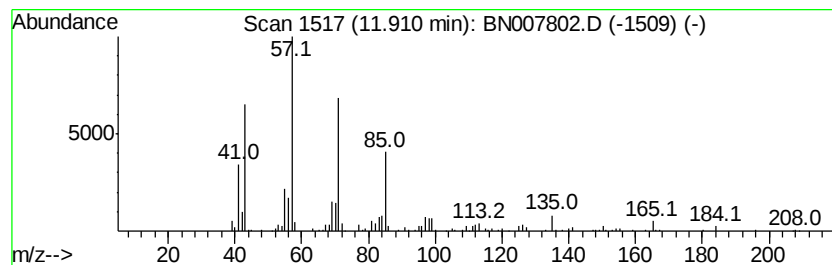
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	2.46 ng/ul	568806	Napthalene-d8	10.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	90
2		Tetradecane	198	C14H30	000629-59-4	86
3		Tetradecane	198	C14H30	000629-59-4	80
4		Dodecane	170	C12H26	000112-40-3	80
5		Tridecane	184	C13H28	000629-50-5	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007802.D
Acq On : 23 Sep 2019 15:13
Operator : HP/JU
Sample : K4982-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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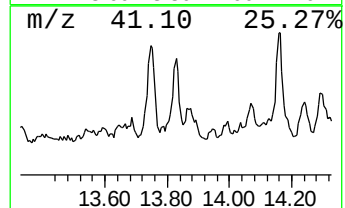
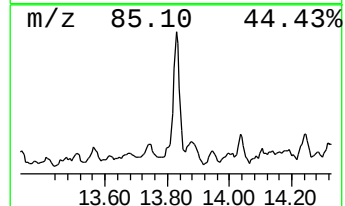
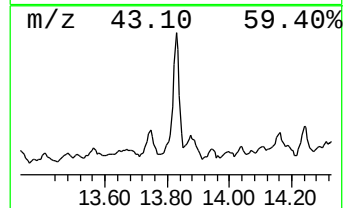
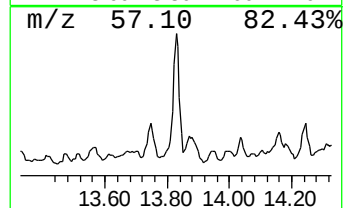
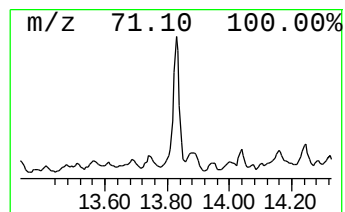
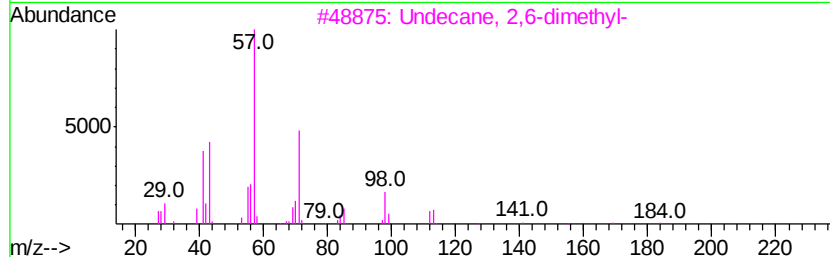
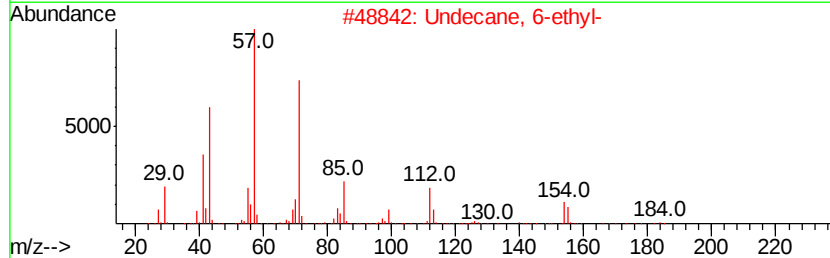
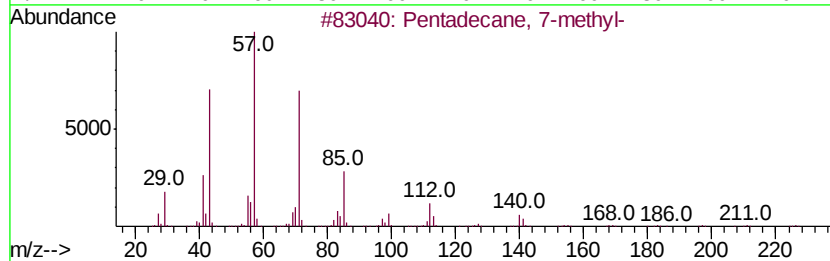
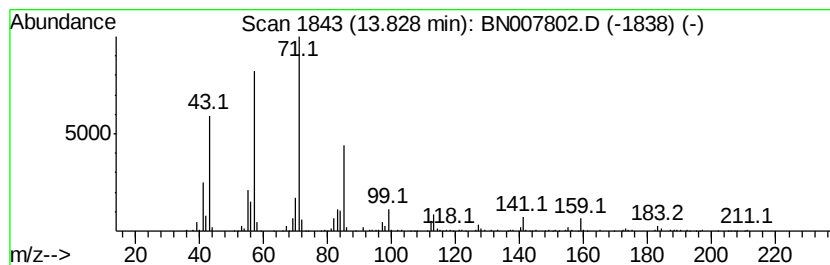
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	2.08 ng/ul	697260	Acenaphthene-d10	14.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72
2		Undecane, 6-ethyl-	184	C13H28	017312-60-6	62
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	58
5		Tetradecane	198	C14H30	000629-59-4	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007802.D
Acq On : 23 Sep 2019 15:13
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Misc :
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Instrument :
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ClientSampleId :
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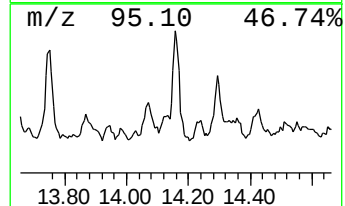
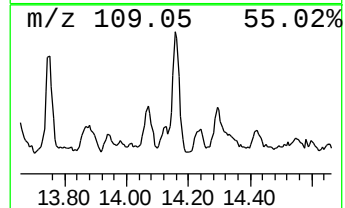
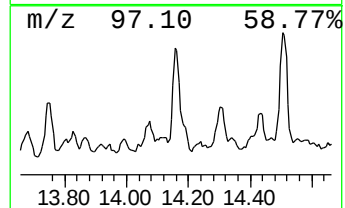
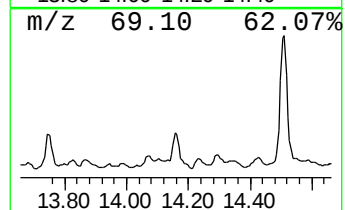
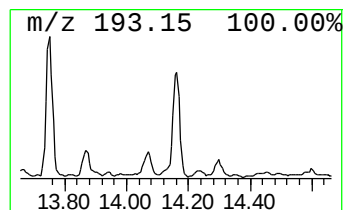
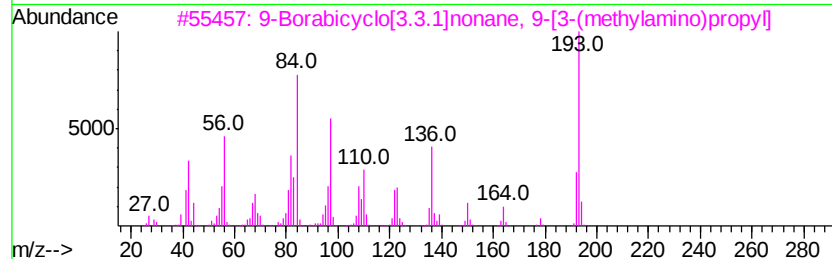
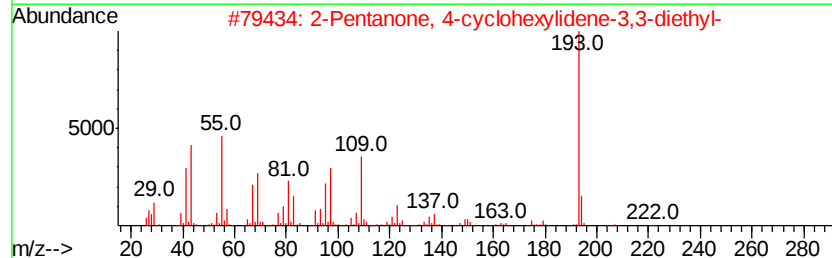
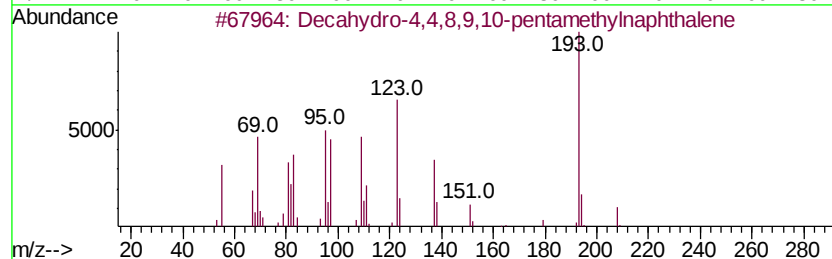
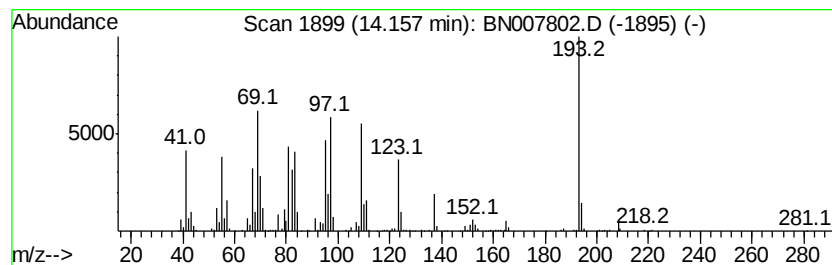
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	4.44 ng/ul	1485020	Acenaphthene-d10	14.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	46
2		2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	42
3		9-Borabicyclo[3.3.1]nonane, 9-[3...	193	C12H24BN	1000162-56-0	38
4		2-Phenylindolizine	193	C14H11N	025379-20-8	35
5		6-Methylphenanthridine	193	C14H11N	003955-65-5	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
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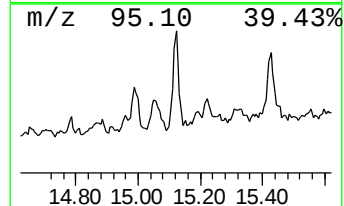
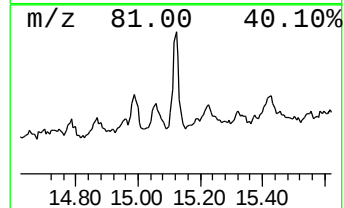
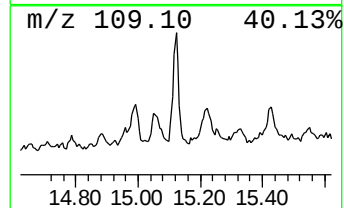
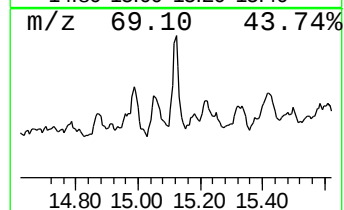
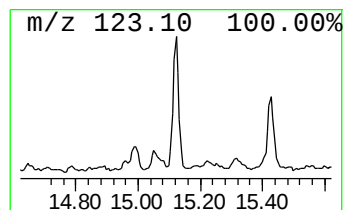
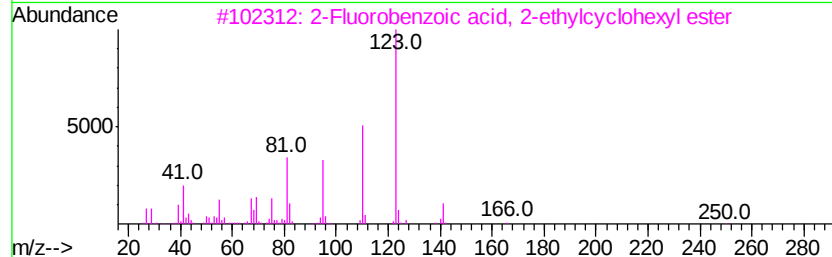
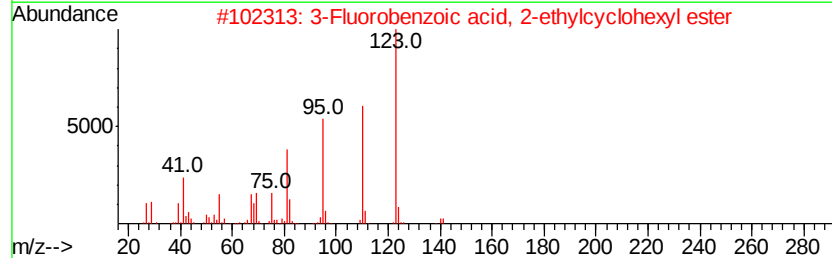
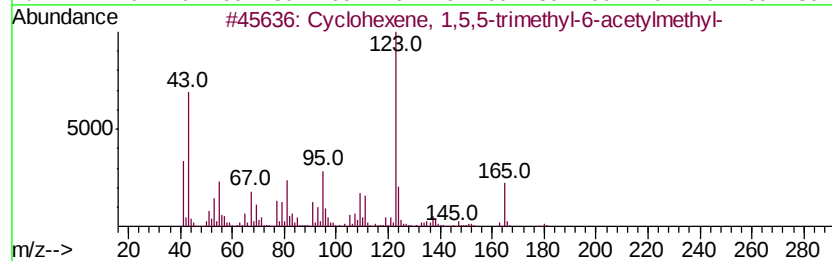
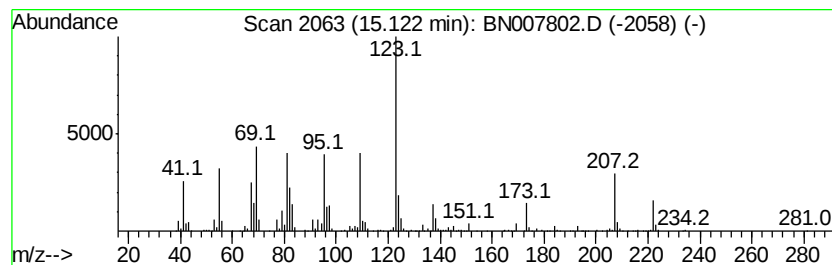
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 unknown-02 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	3.83 ng/ul	1280990	Acenaphthene-d10	14.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexene, 1,5,5-trimethyl-6-a...	180 C12H200	211563-96-1 47
2		3-Fluorobenzoic acid, 2-ethylcyc...	250 C15H19F02	1000279-04-9 43
3		2-Fluorobenzoic acid, 2-ethylcyc...	250 C15H19F02	1000278-98-1 43
4		4-Fluorobenzoic acid, 2-pentadec...	350 C22H35F02	1000280-68-3 43
5		4-Fluorobenzoic acid, 2-pentyl e...	210 C12H15F02	1000279-07-2 43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092319\
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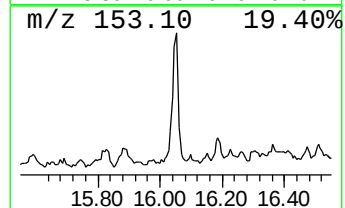
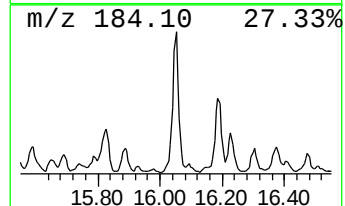
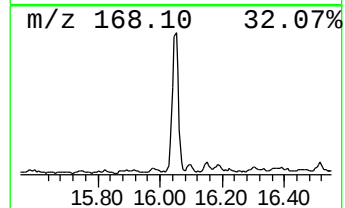
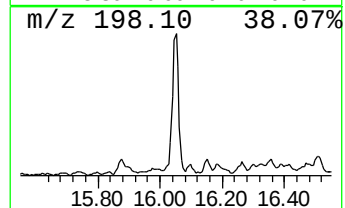
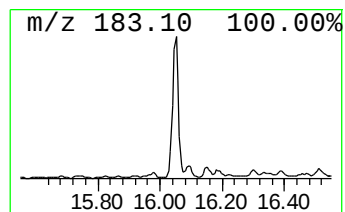
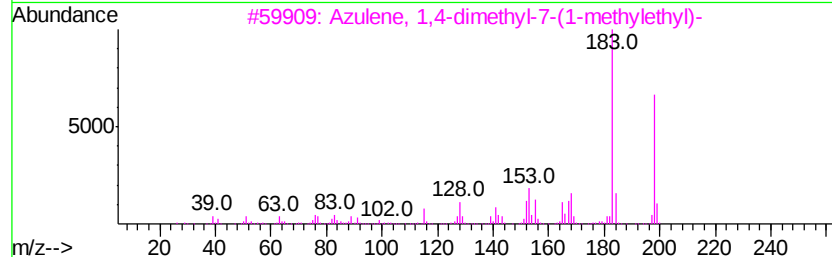
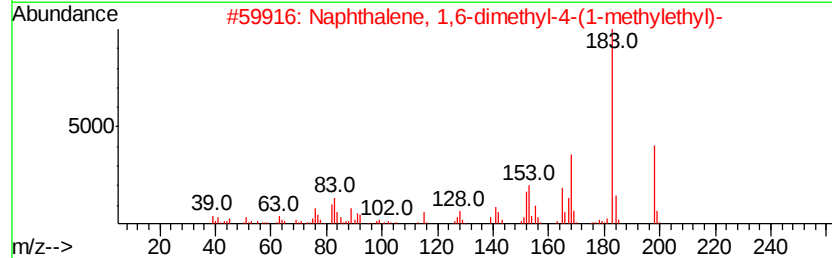
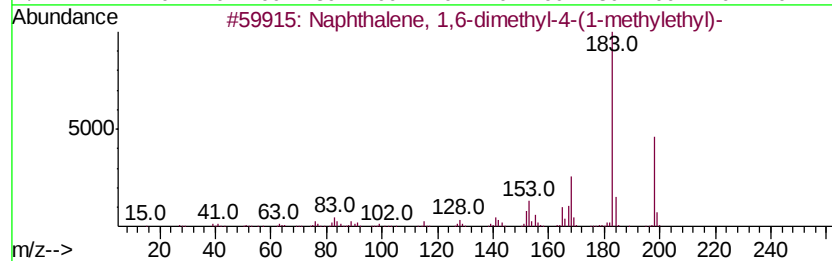
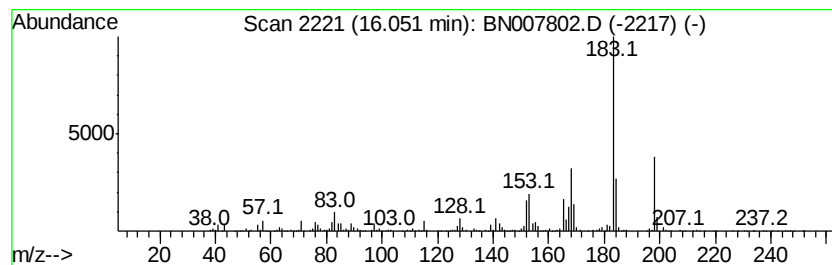
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Naphthalene, 1,6-dimethyl-4... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	4.13 ng/ul	1337700	Phenanthrene-d10	17.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	95
2		Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	93
3		Azulene, 1,4-dimethyl-7-(1-methv...	198	C15H18	000489-84-9	91
4		Azulene, 1,4-dimethyl-7-(1-methv...	198	C15H18	000489-84-9	87
5		6-Isopropyl-1,4-dimethylnaphthalene	198	C15H18	000489-77-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007802.D
Acq On : 23 Sep 2019 15:13
Operator : HP/JU
Sample : K4982-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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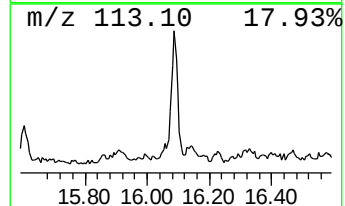
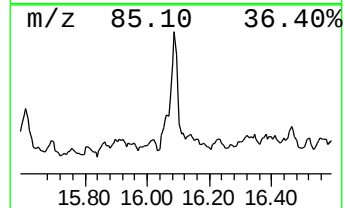
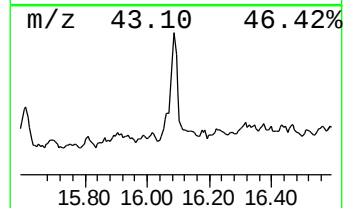
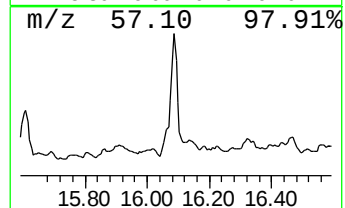
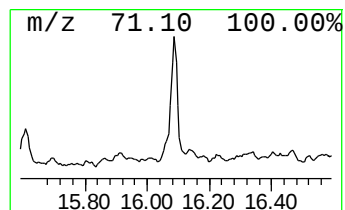
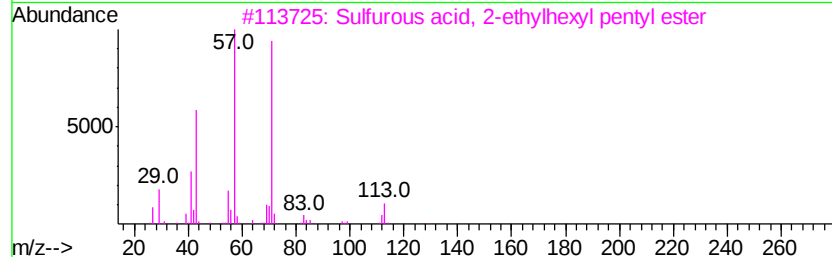
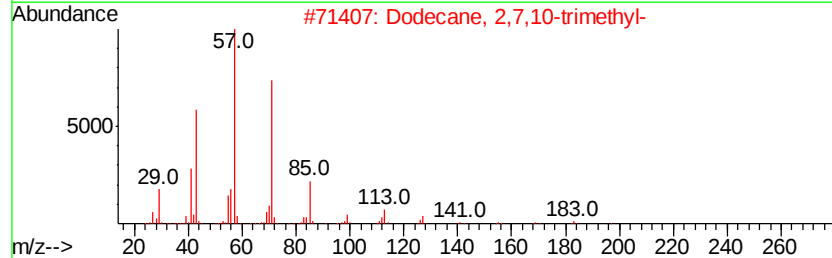
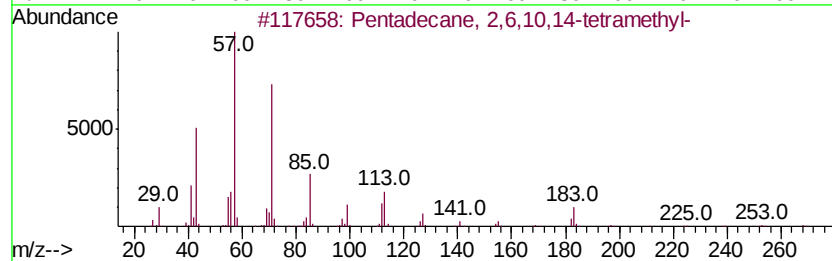
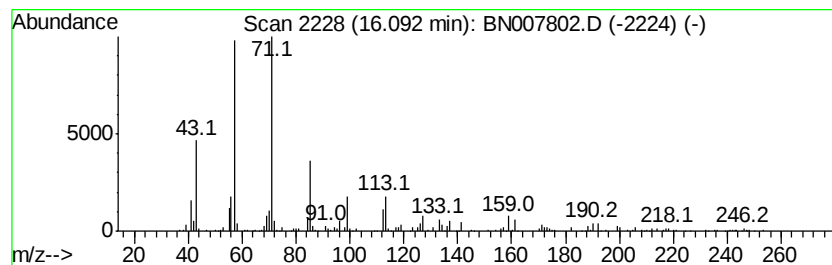
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	3.46 ng/ul	1120730	Phenanthrene-d10	17.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
3		Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	64
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	60
5		Octadecane	254	C18H38	000593-45-3	59



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Sample : K4982-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

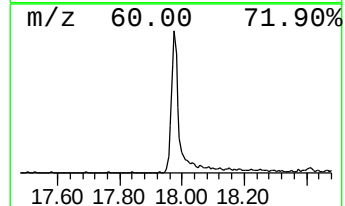
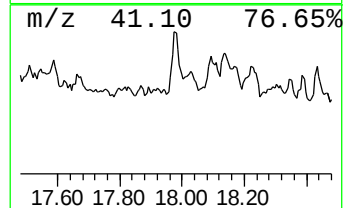
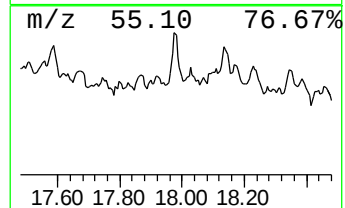
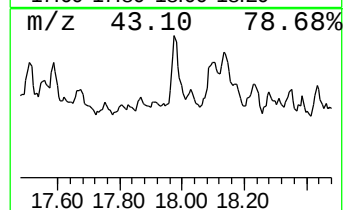
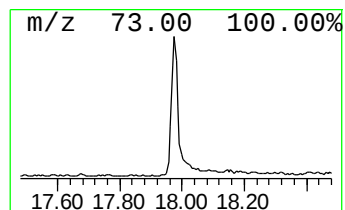
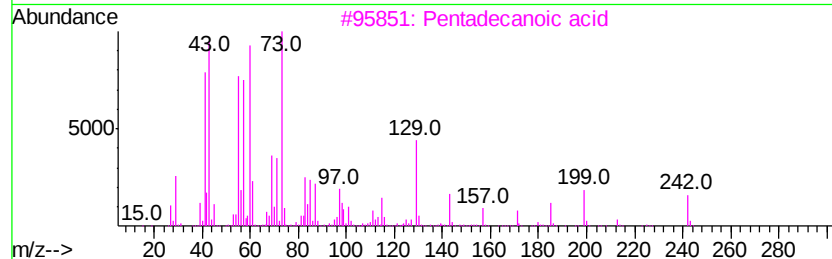
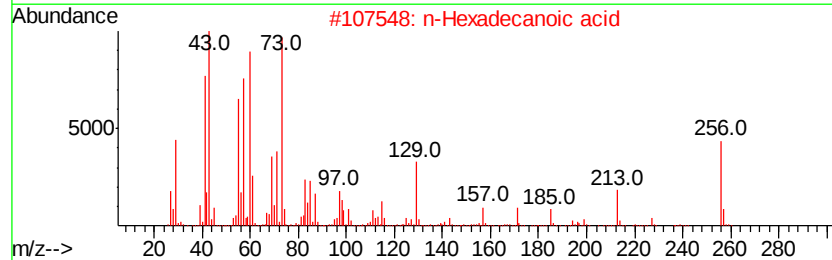
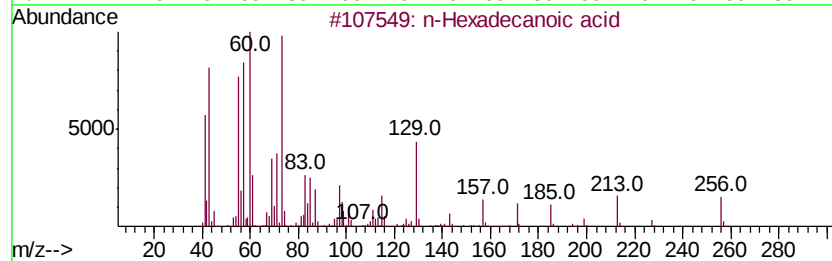
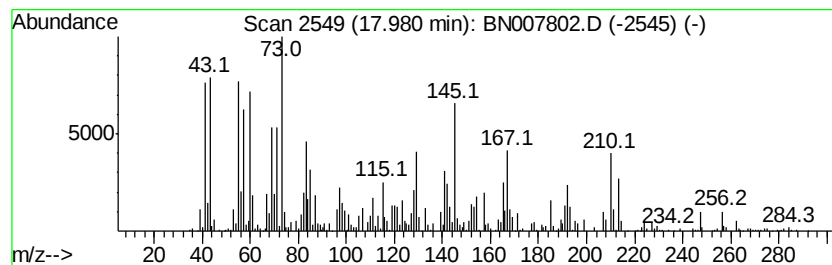
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 n-Hexadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	4.05 ng/ul	1311240	Phenanthrene-d10	17.06
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	74
2	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	70
3	Pentadecanoic acid	242 C15H30O2	001002-84-2	20
4	Pentadecanoic acid	242 C15H30O2	001002-84-2	14
5	Dodecanoic acid	200 C12H24O2	000143-07-7	12



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007802.D
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Operator : HP/JU
Sample : K4982-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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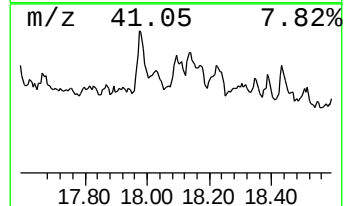
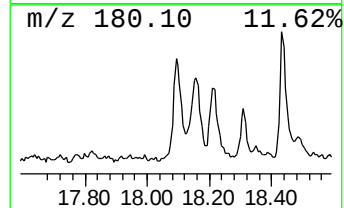
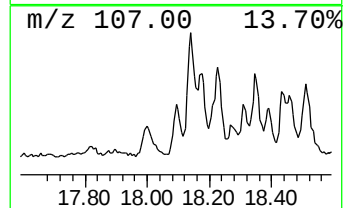
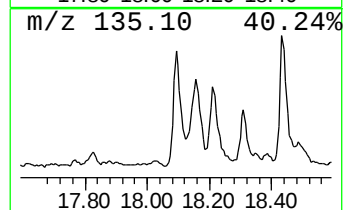
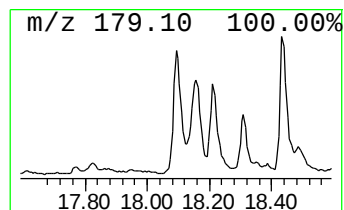
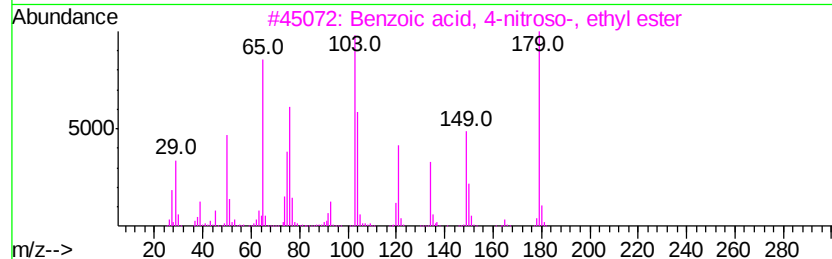
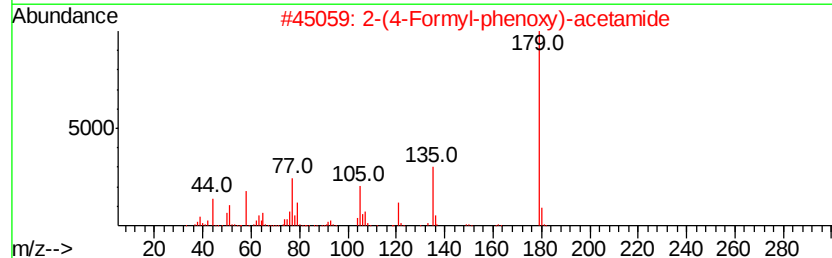
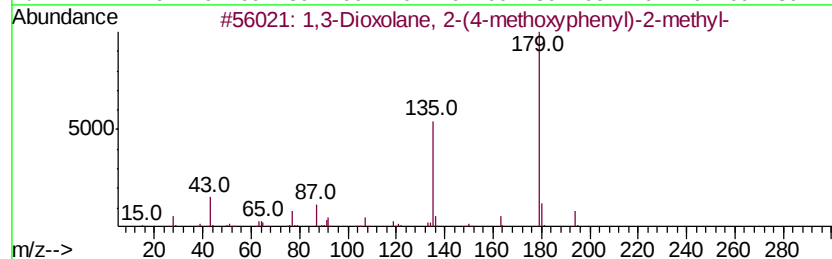
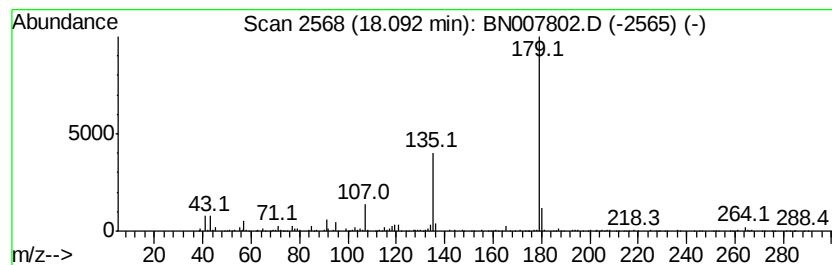
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 1,3-Dioxolane, 2-(4-methoxy... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	3.23 ng/ul	1045560	Phenanthrene-d10	17.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Dioxolane, 2-(4-methoxyphenyl)-2-methyl-	194	C11H14O3	036881-00-2	72
2		2-(4-Formyl-phenoxy)-acetamide	179	C9H9NO3	135857-20-4	72
3		Benzoic acid, 4-nitroso-, ethyl ...	179	C9H9NO3	007476-79-1	43
4		Ethanol, 2-[4-(1,1-dimethylpropyl)-2-methoxyphenyl]-	208	C13H20O2	006382-07-6	43
5		Ethanol, 2-[4-(1,1-dimethylethyl)-2-methoxyphenyl]-	194	C12H18O2	000713-46-2	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007802.D
Acq On : 23 Sep 2019 15:13
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Sample : K4982-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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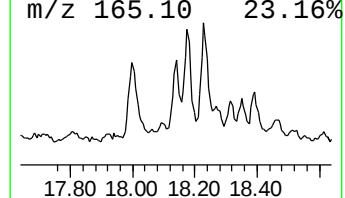
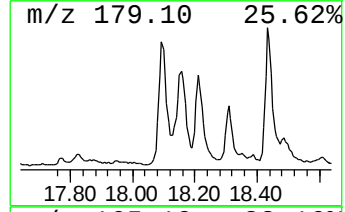
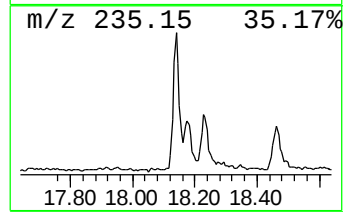
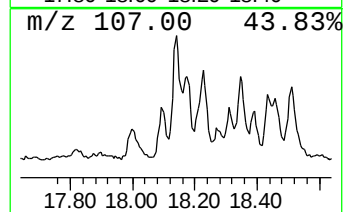
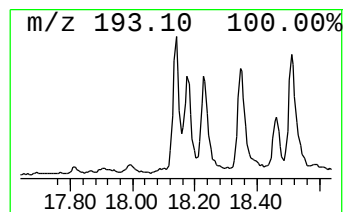
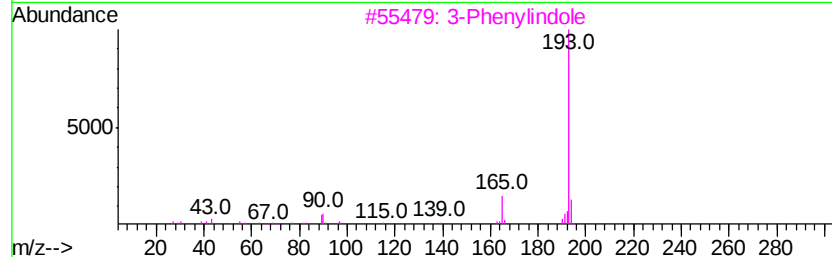
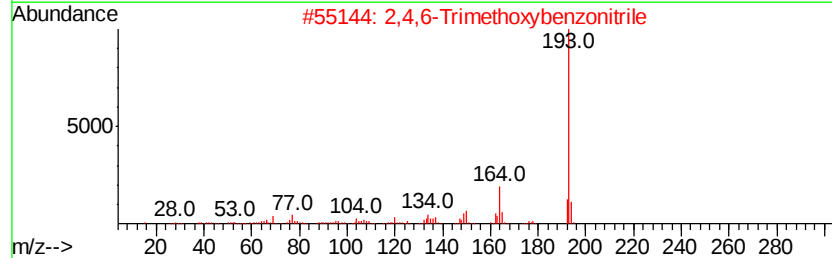
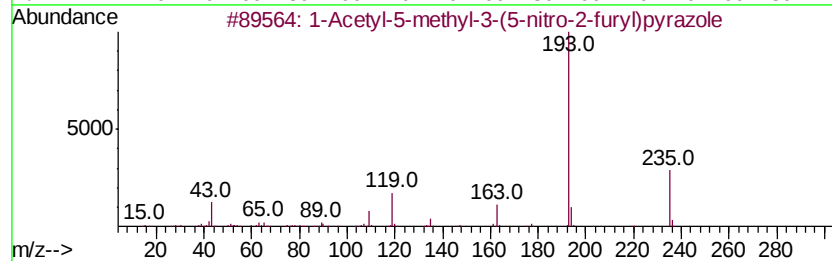
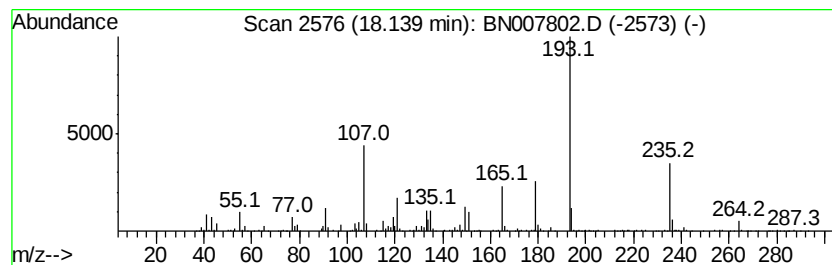
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 unknown-03 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	2.96 ng/ul	958671	Phenanthrene-d10	17.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Acetyl-5-methyl-3-(5-nitro-2-f...	235	C10H9N3O4	016239-91-1	43
2		2,4,6-Trimethoxybenzonitrile	193	C10H11NO3	002571-54-2	38
3		3-Phenylindole	193	C14H11N	001504-16-1	32
4		Acetamide, N-9-phenanthrenyl-	235	C16H13NO	004235-09-0	30
5		2-Adamantylamine, N-acetyl-	193	C12H19NO	052917-72-3	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007802.D
Acq On : 23 Sep 2019 15:13
Operator : HP/JU
Sample : K4982-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

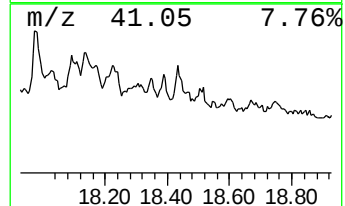
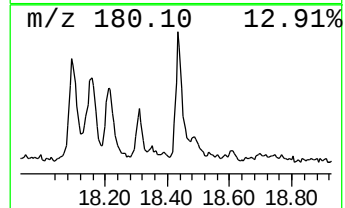
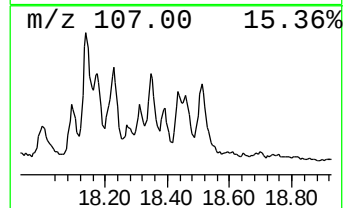
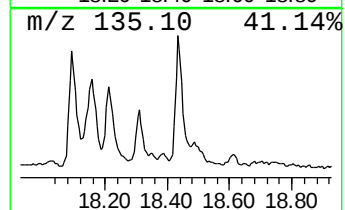
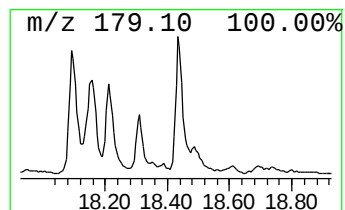
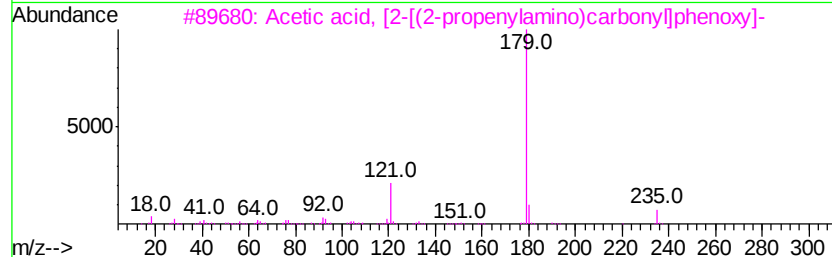
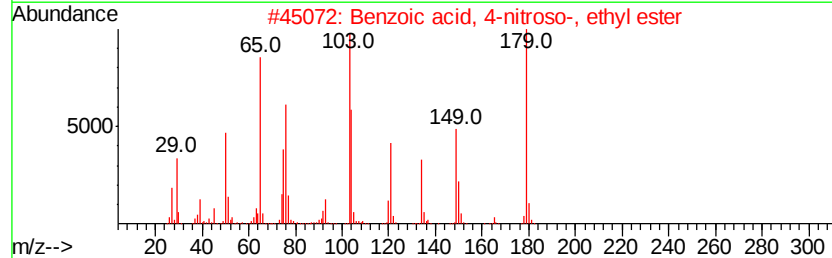
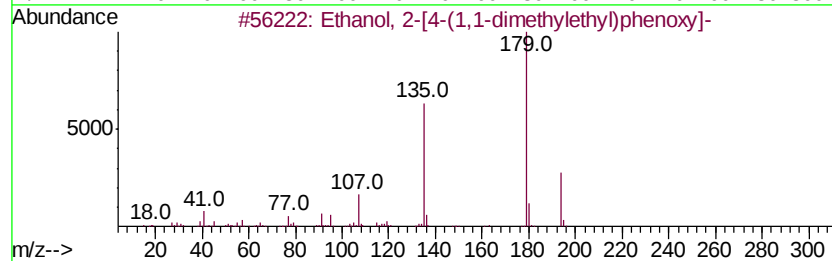
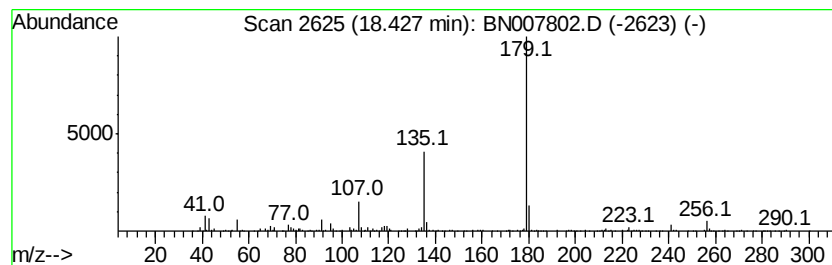
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Ethanol, 2-[4-(1,1-dimethyl... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.43	2.85 ng/ul	922051	Phenanthrene-d10		17.06	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[4-(1,1-dimethylethyl...	194	C12H18O2	000713-46-2	53	
2	Benzoic acid, 4-nitroso-, ethyl ...	179	C9H9NO3	007476-79-1	43	
3	Acetic acid, [2-[2-propenylamin...	235	C12H13NO4	000119-45-9	25	
4	4-tert-Butyl-2-nitroacetanilide	236	C12H16N2O3	040655-37-6	25	
5	Ethanol, 2-[4-(1,1-dimethylpropy...	208	C13H20O2	006382-07-6	16	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092319\
Data File : BN007802.D
Acq On : 23 Sep 2019 15:13
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Sample : K4982-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampled :
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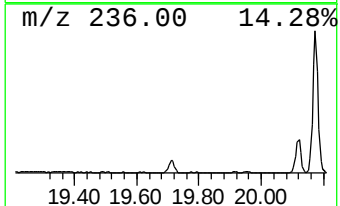
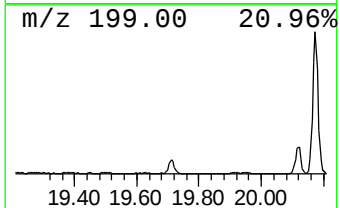
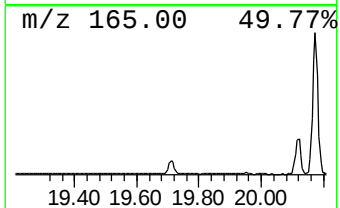
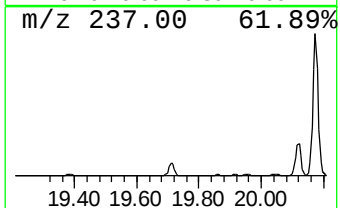
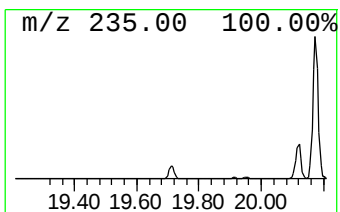
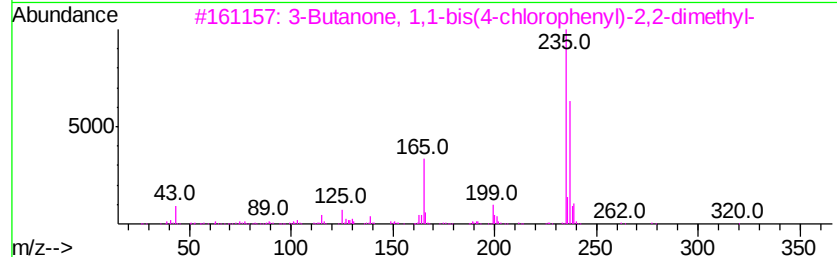
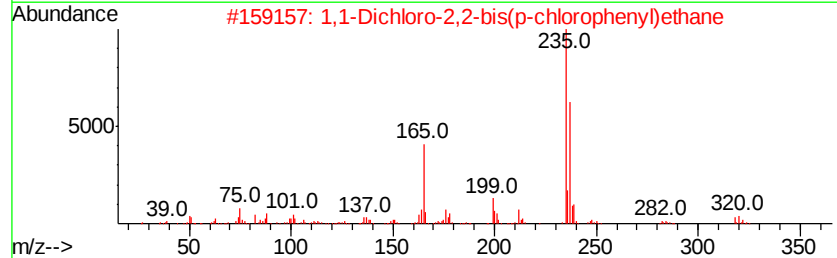
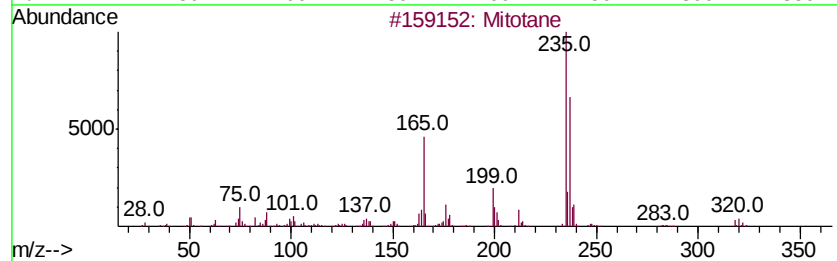
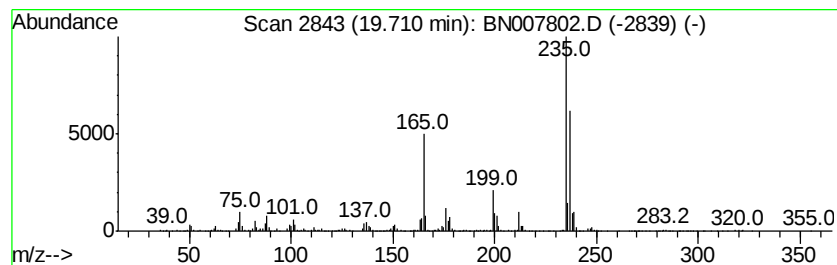
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Mitotane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.71	3.28 ng/ul	1392430	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Mitotane	318	C14H10Cl4	000053-19-0	99
2		1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	91
3		3-Butanone, 1,1-bis(4-chlorophen...	320	C18H18Cl2O	1000158-20-4	90
4		m,p'-DDD	318	C14H10Cl4	004329-12-8	90
5		Mitotane	318	C14H10Cl4	000053-19-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007802.D
Acq On : 23 Sep 2019 15:13
Operator : HP/JU
Sample : K4982-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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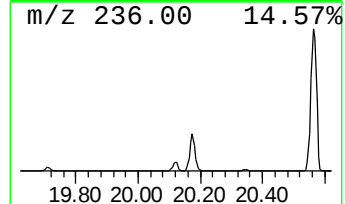
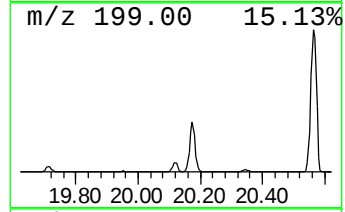
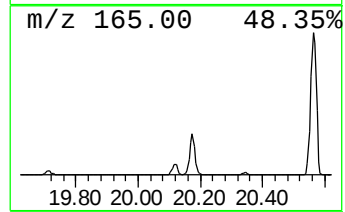
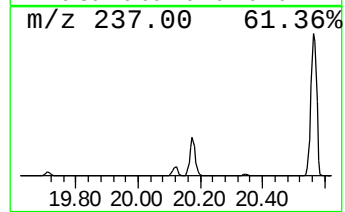
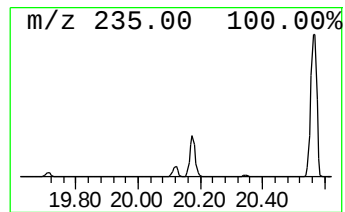
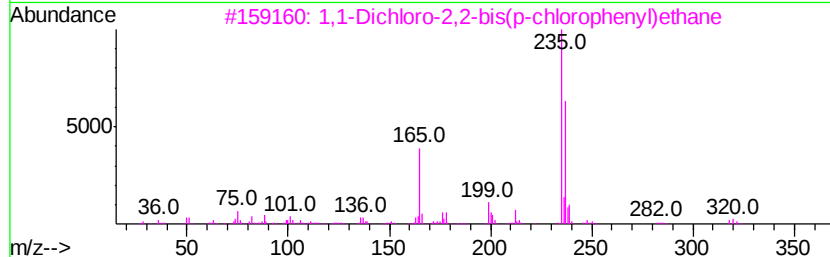
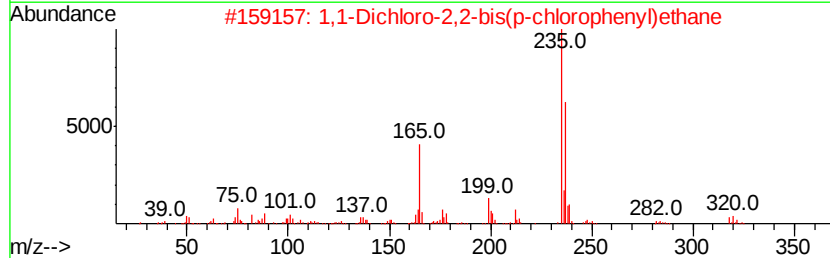
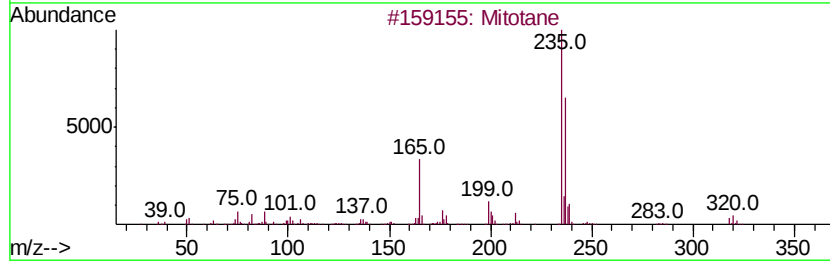
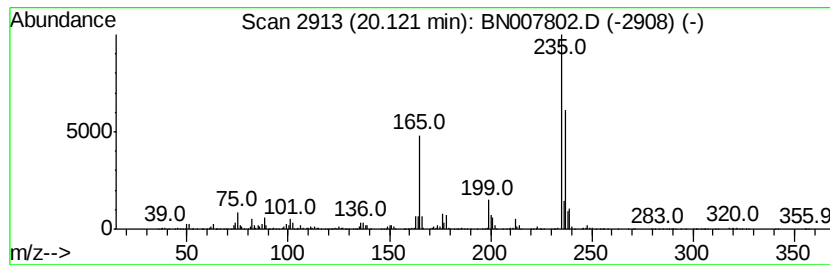
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 1,1-Dichloro-2,2-bis(p-chlo... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.12	7.89 ng/ul	3348380	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Mitotane	318	C14H10Cl4	000053-19-0	99
2		1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	95
3		1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	95
4		m,p'-DDD	318	C14H10Cl4	004329-12-8	91
5		2,2-Bis(p-chlorophenyl)ethanol	266	C14H12Cl2O	002642-82-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007802.D
Acq On : 23 Sep 2019 15:13
Operator : HP/JU
Sample : K4982-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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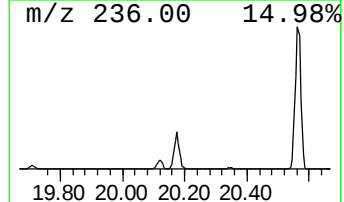
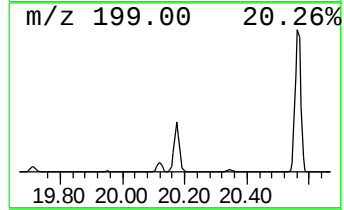
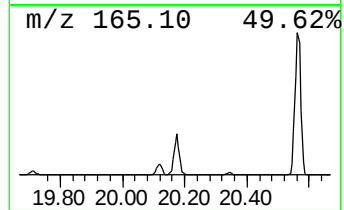
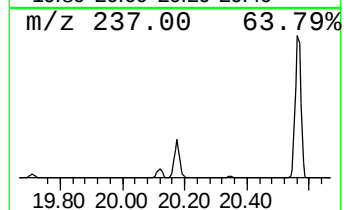
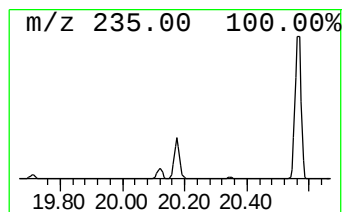
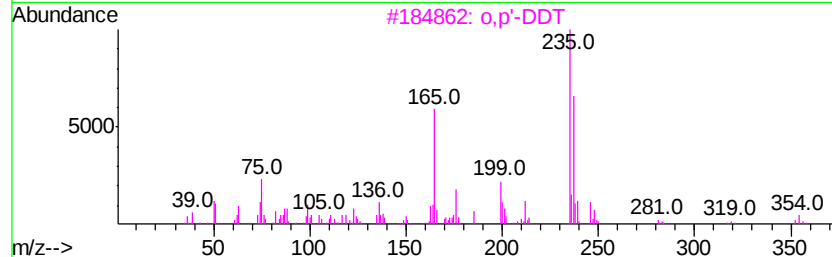
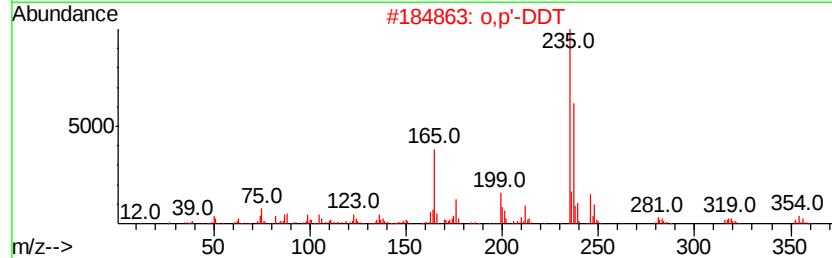
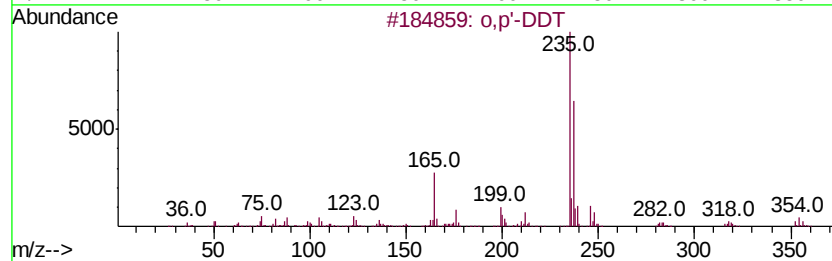
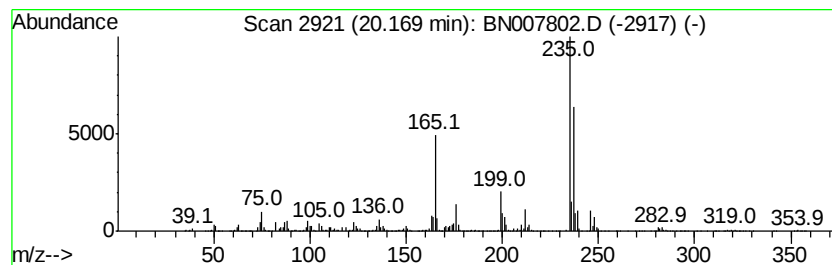
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 o,p'-DDT Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.17	36.48 ng/ul	15479300	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o,p'-DDT	352	C14H9Cl5	000789-02-6	95
2		o,p'-DDT	352	C14H9Cl5	000789-02-6	91
3		o,p'-DDT	352	C14H9Cl5	000789-02-6	91
4		Mitotane	318	C14H10Cl4	000053-19-0	90
5		Mitotane	318	C14H10Cl4	000053-19-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007802.D
Acq On : 23 Sep 2019 15:13
Operator : HP/JU
Sample : K4982-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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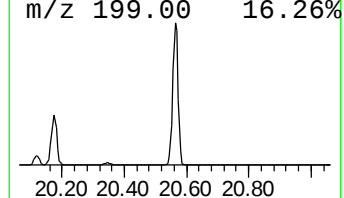
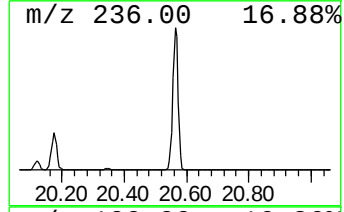
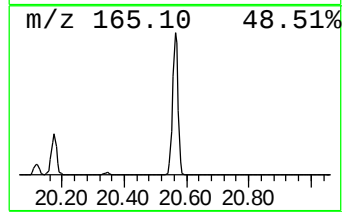
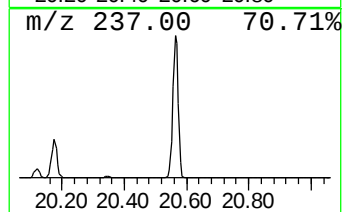
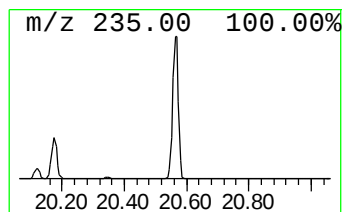
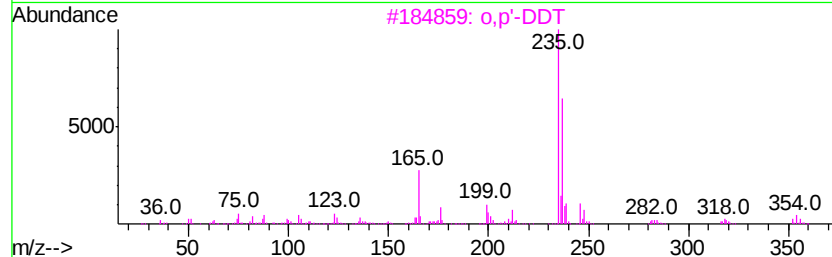
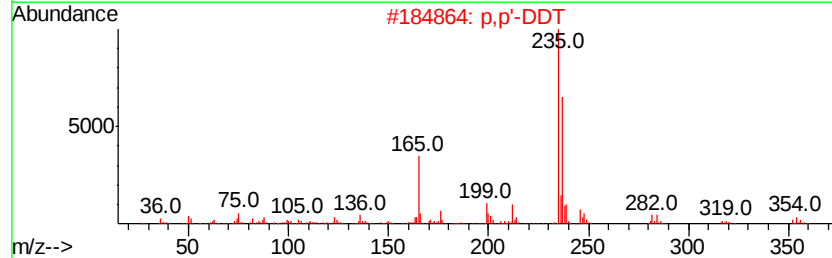
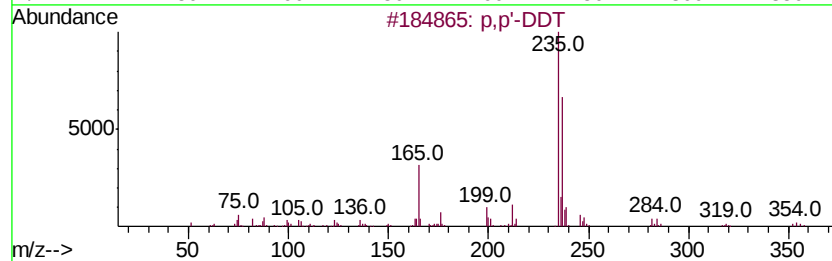
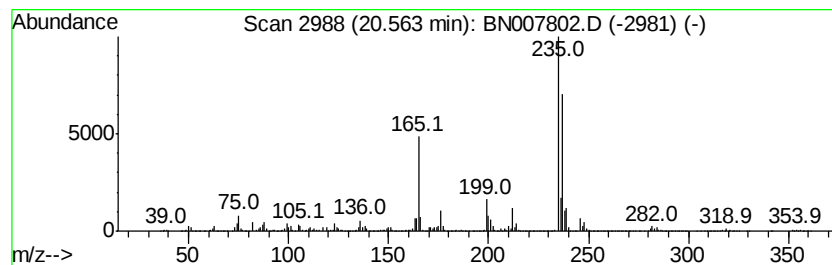
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 p,p'-DDT Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.56	130.80 ng/ul	55507100	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p,p'-DDT	352	C14H9Cl5	000050-29-3	97
2		p,p'-DDT	352	C14H9Cl5	000050-29-3	96
3		o,p'-DDT	352	C14H9Cl5	000789-02-6	95
4		1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	94
5		3-Butanone, 1,1-bis(4-chlorophen...	320	C18H18Cl2O	1000158-20-4	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007802.D
Acq On : 23 Sep 2019 15:13
Operator : HP/JU
Sample : K4982-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
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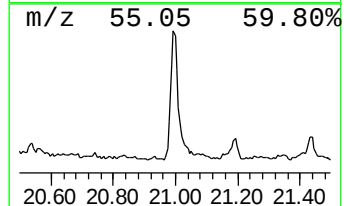
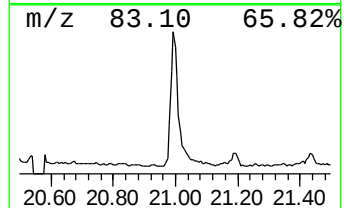
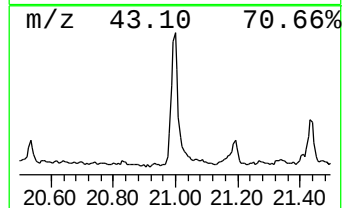
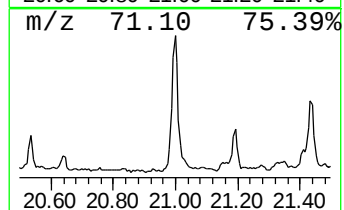
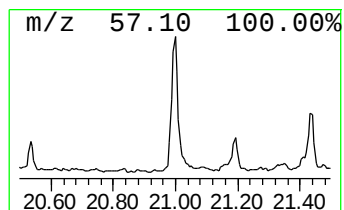
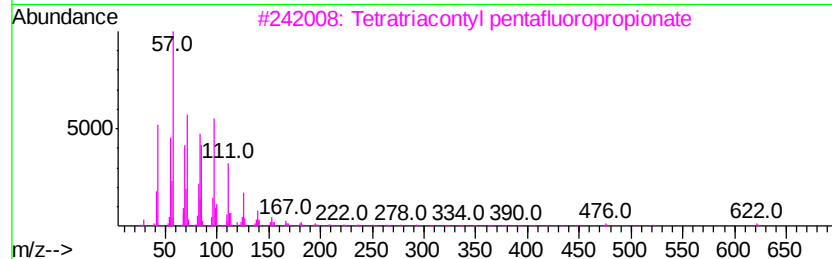
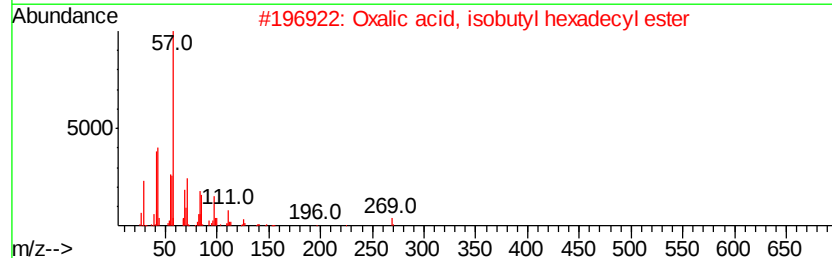
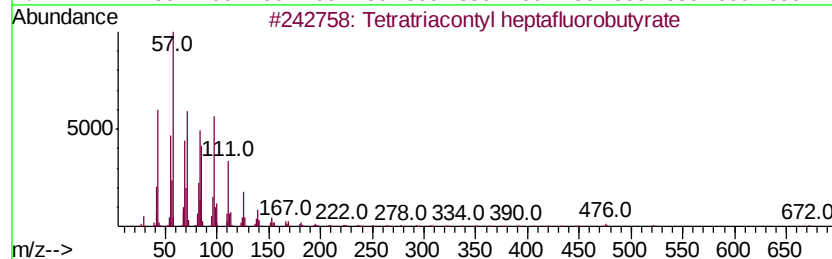
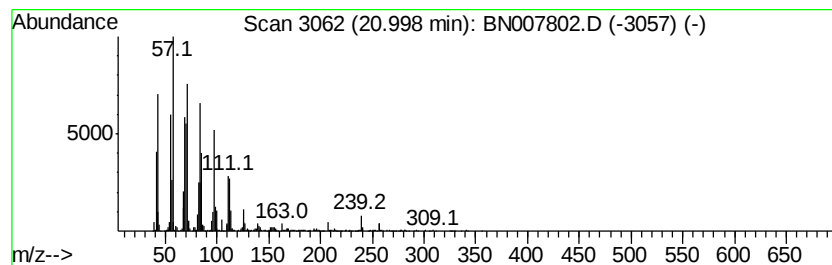
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 Tetratriacontyl heptafluoro... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	5.59 ng/ul	2370820	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	64
2		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	64
3		Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	64
4		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	62
5		Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007802.D
Acq On : 23 Sep 2019 15:13
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Sample : K4982-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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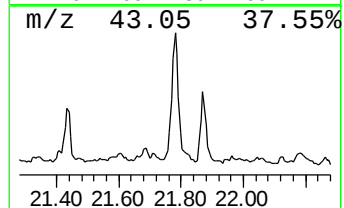
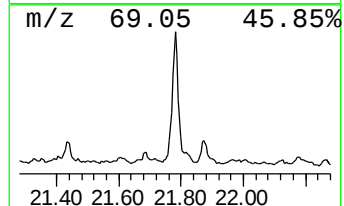
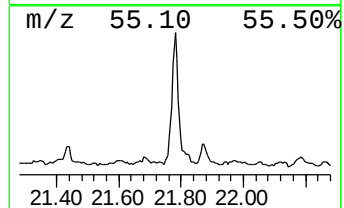
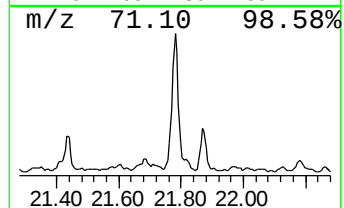
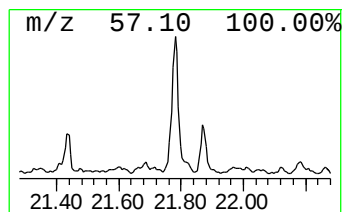
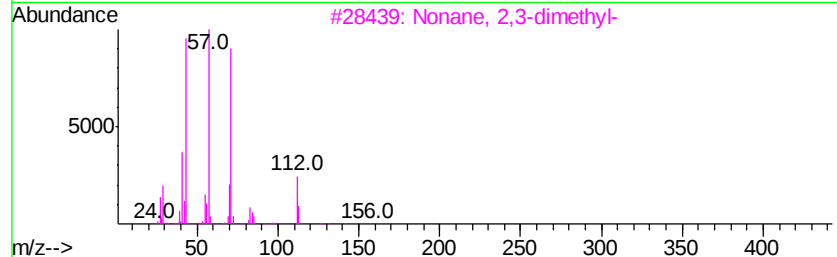
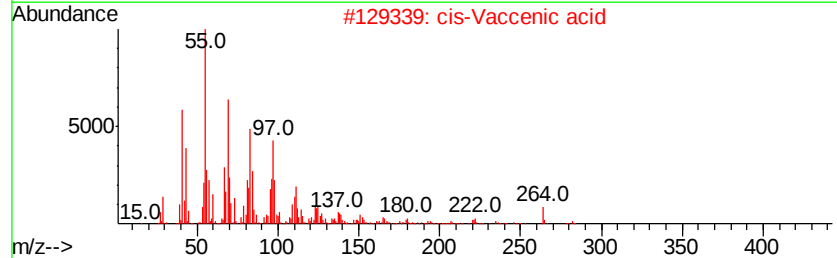
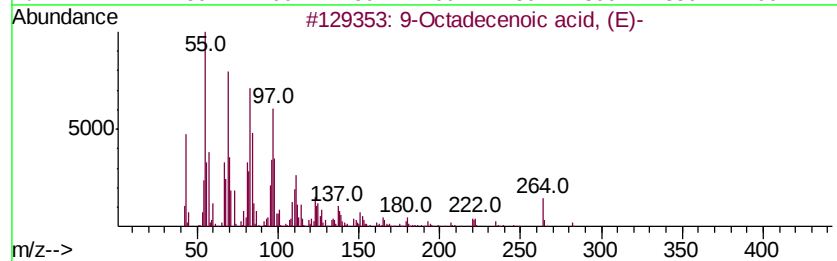
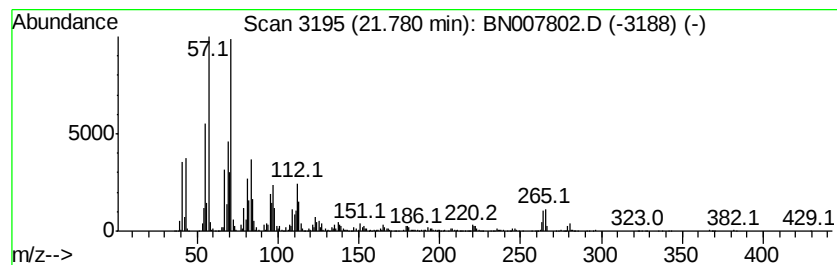
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 9-Octadecenoic acid, (E)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.78	8.17 ng/ul	3467090	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	56
2		cis-Vaccenic acid	282	C18H34O2	000506-17-2	55
3		Nonane, 2,3-dimethyl-	156	C11H24	002884-06-2	49
4		cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	46
5		Oleic Acid	282	C18H34O2	000112-80-1	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007802.D
Acq On : 23 Sep 2019 15:13
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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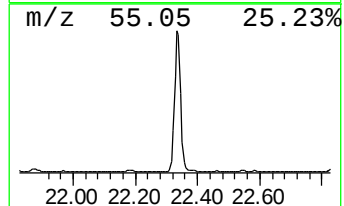
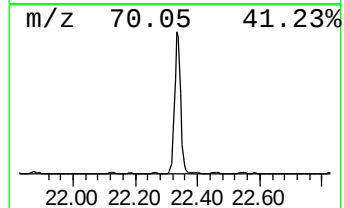
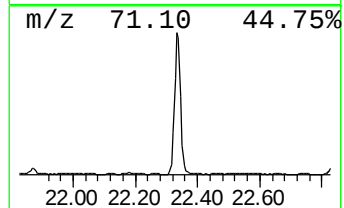
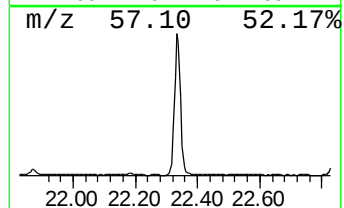
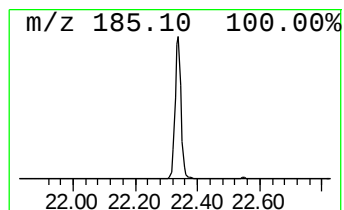
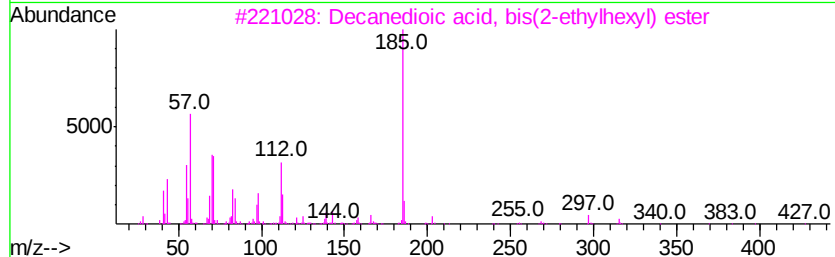
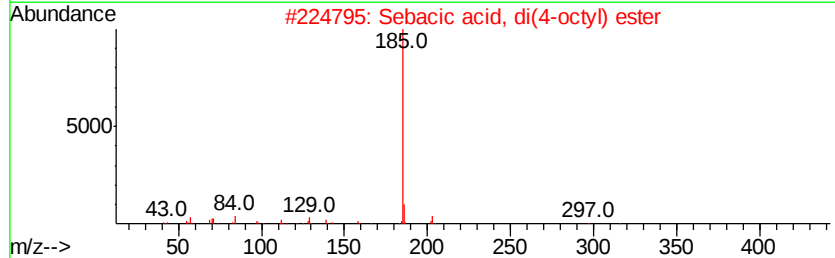
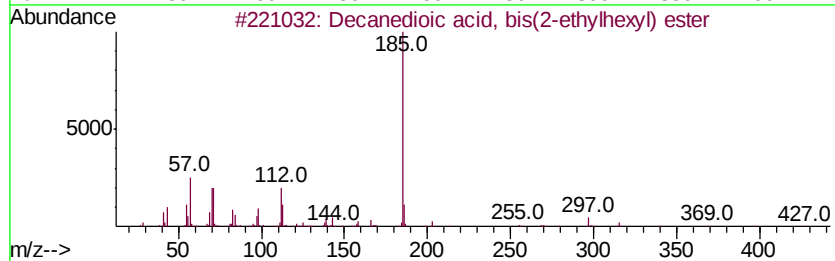
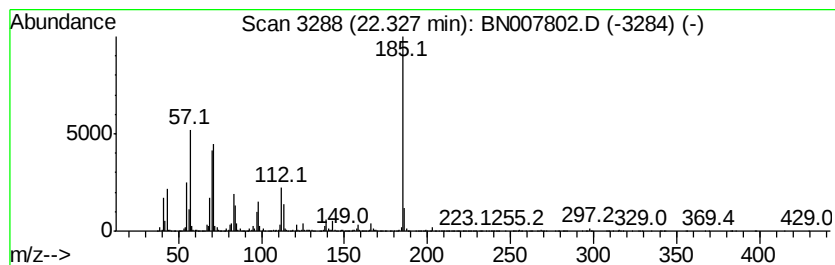
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 Decanedioic acid, bis(2-eth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.33	59.67 ng/ul	25322400	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decanedioic acid, bis(2-ethylhex...	426	C26H50O4	000122-62-3	74
2		Sebacic acid, di(4-octyl) ester	440	C27H52O4	1000354-30-3	64
3		Decanedioic acid, bis(2-ethylhex...	426	C26H50O4	000122-62-3	58
4		Sebacic acid, di(6-ethyl-oct-3-yl...	482	C30H58O4	1000354-19-5	50
5		Sebacic acid, di(2-hexyl) ester	370	C22H42O4	1000355-65-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
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Sample : K4982-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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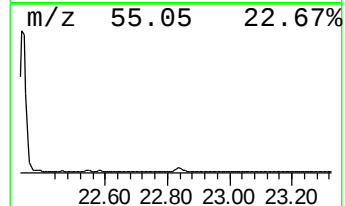
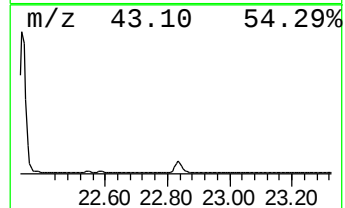
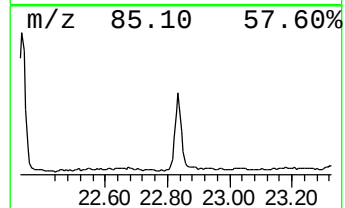
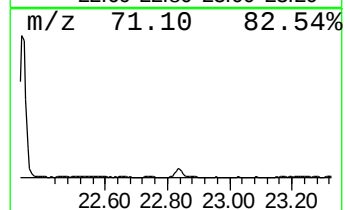
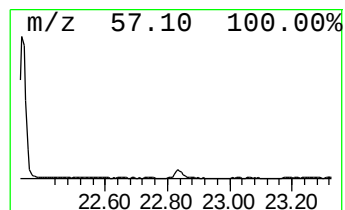
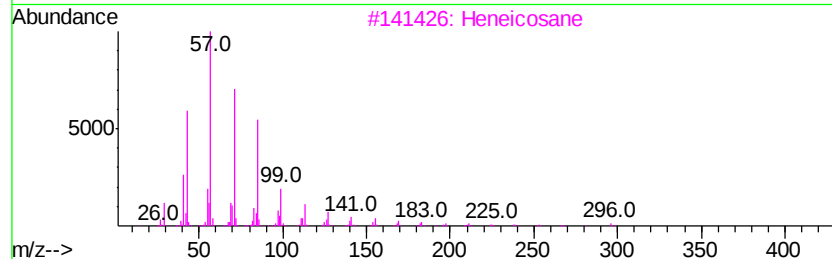
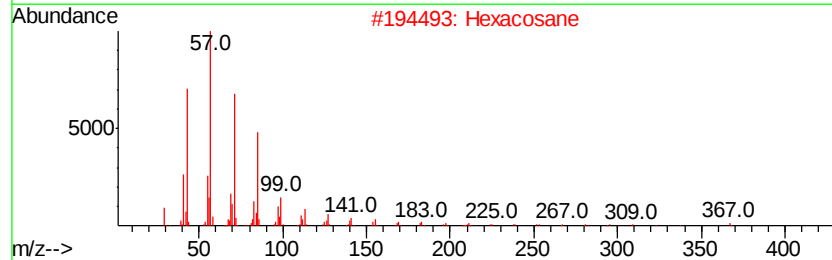
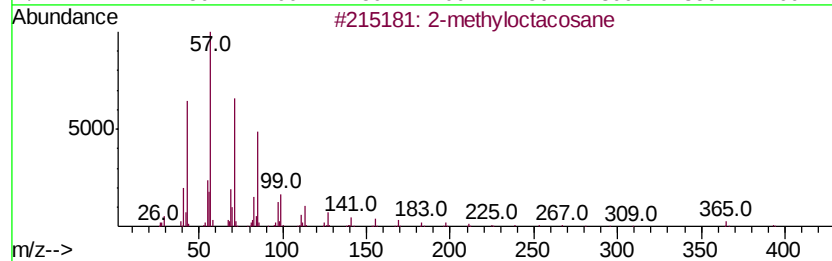
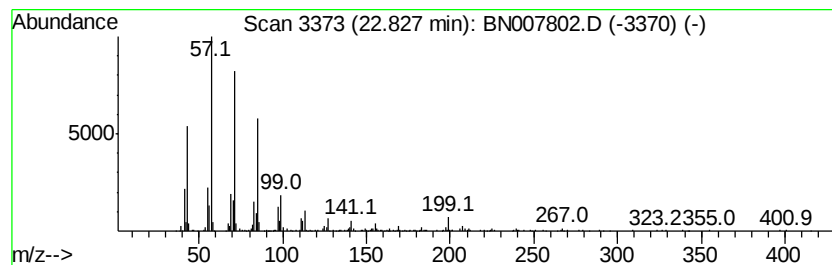
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.83	2.45 ng/ul	1115720	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	90
2		Hexacosane	366	C26H54	000630-01-3	87
3		Heneicosane	296	C21H44	000629-94-7	83
4		Octacosane	394	C28H58	000630-02-4	80
5		Heneicosane	296	C21H44	000629-94-7	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092319\
Data File : BN007802.D
Acq On : 23 Sep 2019 15:13
Operator : HP/JU
Sample : K4982-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AW2

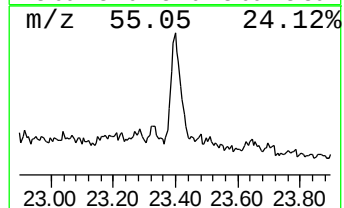
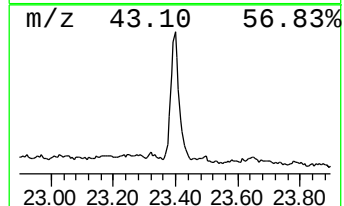
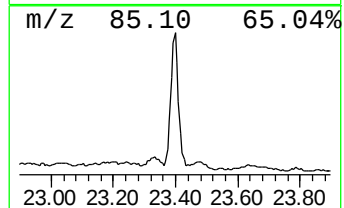
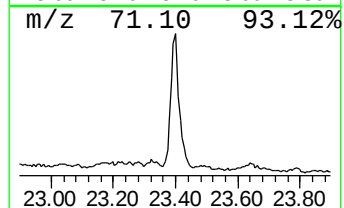
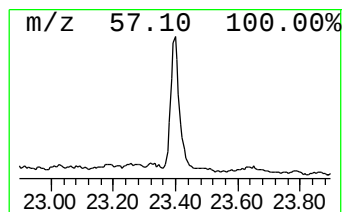
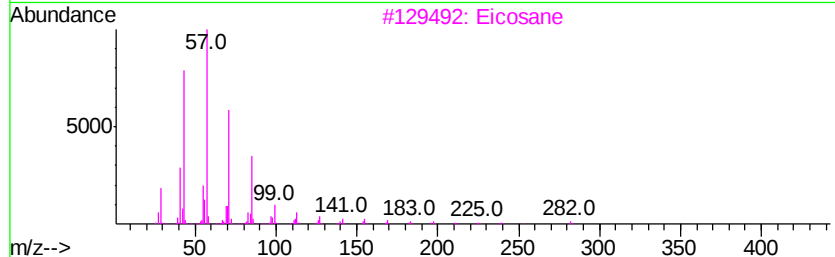
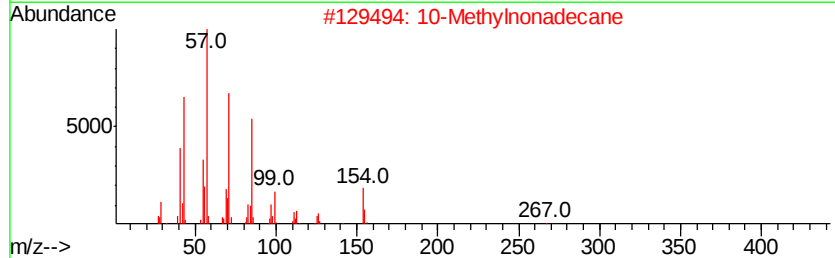
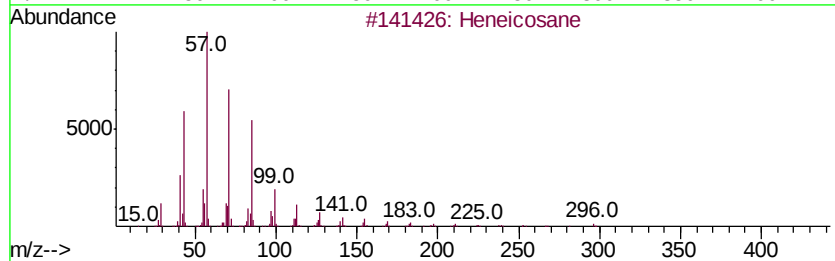
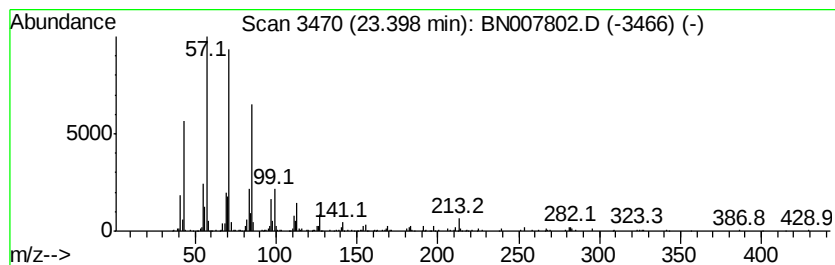
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.40	2.46 ng/ul	1117300	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	86
2		10-Methylnonadecane	282	C20H42	056862-62-5	86
3		Eicosane	282	C20H42	000112-95-8	86
4		Hexacosane	366	C26H54	000630-01-3	74
5		Tetracosane	338	C24H50	000646-31-1	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092319\
 Data File : BN007802.D
 Acq On : 23 Sep 2019 15:13
 Operator : HP/JU
 Sample : K4982-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AW2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.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...	5.74	5.4	ng/ul	840547	1	7.69	3131040	20.0
1-Hexanol, 2-ethyl-	7.76	10.2	ng/ul	1595950	1	7.69	3131040	20.0
Phenol, 2-ethyl-4...	11.29	8.8	ng/ul	2033730	2	10.46	4626520	20.0
Phenol, 2,4,6-tri...	11.54	2.9	ng/ul	678150	2	10.46	4626520	20.0
Benzene, 1-ethyl-...	11.57	2.1	ng/ul	476052	2	10.46	4626520	20.0
(DEL) Alkane: Str...	11.91	2.5	ng/ul	568806	2	10.46	4626520	20.0
(DEL) Alkane: Str...	13.83	2.1	ng/ul	697260	3	14.32	6695740	20.0
unknown-01	14.16	4.4	ng/ul	1485020	3	14.32	6695740	20.0
unknown-02	15.12	3.8	ng/ul	1280990	3	14.32	6695740	20.0
Naphthalene, 1,6-...	16.05	4.1	ng/ul	1337700	4	17.06	6479470	20.0
(DEL) Alkane: Str...	16.09	3.5	ng/ul	1120730	4	17.06	6479470	20.0
n-Hexadecanoic acid	17.98	4.0	ng/ul	1311240	4	17.06	6479470	20.0
1,3-Dioxolane, 2-...	18.09	3.2	ng/ul	1045560	4	17.06	6479470	20.0
unknown-03	18.14	3.0	ng/ul	958671	4	17.06	6479470	20.0
Ethanol, 2-[4-(1,...	18.43	2.9	ng/ul	922051	4	17.06	6479470	20.0
Mitotane	19.71	3.3	ng/ul	1392430	5	21.26	8487610	20.0
1,1-Dichloro-2,2-...	20.12	7.9	ng/ul	3348380	5	21.26	8487610	20.0
o,p'-DDT	20.17	36.5	ng/ul	15479300	5	21.26	8487610	20.0
p,p'-DDT	20.56	130.8	ng/ul	55507100	5	21.26	8487610	20.0
Tetratriacontyl h...	21.00	5.6	ng/ul	2370820	5	21.26	8487610	20.0
9-Octadecenoic ac...	21.78	8.2	ng/ul	3467090	5	21.26	8487610	20.0
Decanedioic acid,...	22.33	59.7	ng/ul	25322400	5	21.26	8487610	20.0
(DEL) Alkane: Str...	22.83	2.5	ng/ul	1115720	6	23.47	9089850	20.0
(DEL) Alkane: Str...	23.40	2.5	ng/ul	1117300	6	23.47	9089850	20.0