

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
 Data File : BM023840.D
 Acq On : 21 Nov 2019 21:43
 Operator : JU
 Sample : K5851-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB3

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_M\METHODS\SOM-EPA-BM111119MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.069	26	31	38	rBV2	286734	394736	1.37%	0.215%
2	3.681	130	135	140	rVB	48923	83229	0.29%	0.045%
3	3.763	144	149	155	rVV	456470	624754	2.17%	0.340%
4	4.104	203	207	217	rVB3	31683	72038	0.25%	0.039%
5	4.857	331	335	340	rVB	54882	82439	0.29%	0.045%
6	5.051	362	368	377	rVB	231088	347686	1.21%	0.189%
7	5.181	385	390	400	rBV	572912	1168328	4.06%	0.635%
8	5.522	437	448	458	rBV2	559354	1386686	4.82%	0.754%
9	5.628	462	466	485	rVB	590641	948470	3.30%	0.516%
10	6.022	525	533	541	rBV	42057	75487	0.26%	0.041%
11	6.504	609	615	622	rBV	90900	155051	0.54%	0.084%
12	6.610	628	633	638	rVB	264874	377917	1.31%	0.205%
13	6.669	638	643	645	rVV	228598	336798	1.17%	0.183%
14	6.704	645	649	664	rVB2	763846	1819969	6.32%	0.989%
15	6.857	667	675	681	rBV	593828	970844	3.37%	0.528%
16	6.910	681	684	688	rVV	91924	131276	0.46%	0.071%
17	7.051	694	708	713	rBV	828472	1353447	4.70%	0.736%
18	7.169	720	728	734	rVV3	504274	950934	3.30%	0.517%
19	7.257	738	743	748	rVB	149847	225650	0.78%	0.123%
20	7.328	751	755	762	rBV	108758	196694	0.68%	0.107%
21	7.510	778	786	792	rBV	1218827	1906775	6.63%	1.037%
22	7.592	796	800	802	rVV2	76256	112682	0.39%	0.061%
23	7.628	802	806	814	rVB2	97547	176983	0.62%	0.096%
24	7.881	844	849	854	rBV	53330	80565	0.28%	0.044%
25	8.057	874	879	886	rVB	116540	189489	0.66%	0.103%
26	8.151	890	895	902	rVV2	175578	299389	1.04%	0.163%
27	8.228	902	908	915	rVV	939005	1555386	5.41%	0.845%
28	8.292	915	919	920	rVV3	58352	89940	0.31%	0.049%
29	8.334	921	926	934	rVV	177136	352942	1.23%	0.192%
30	8.510	952	956	965	rVB	51046	86328	0.30%	0.047%
31	8.610	965	973	977	rBV	210838	356829	1.24%	0.194%
32	8.663	977	982	992	rVV	736173	1270968	4.42%	0.691%
33	8.745	992	996	1003	rVV	122188	182786	0.64%	0.099%
34	8.839	1010	1012	1022	rVB7	36887	85530	0.30%	0.046%

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35	9.039	1042	1046	1054	rBV2	43944	83005	0.29%	0.045%
36	9.133	1054	1062	1066	rVV2	44418	107411	0.37%	0.058%
37	9.192	1067	1072	1079	rVB	56409	98309	0.34%	0.053%
38	9.381	1097	1104	1111	rBV	608165	1063356	3.70%	0.578%
39	9.657	1146	1151	1154	rBV3	48572	76533	0.27%	0.042%
40	9.922	1187	1196	1204	rVV	983930	1752662	6.09%	0.953%
41	10.004	1204	1210	1219	rVB3	84062	152182	0.53%	0.083%
42	10.104	1219	1227	1233	rBV3	38080	74758	0.26%	0.041%
43	10.222	1241	1247	1251	rVV3	39681	85621	0.30%	0.047%
44	10.286	1251	1258	1263	rVV	1730691	2923342	10.16%	1.589%
45	10.333	1263	1266	1275	rVV	283793	468617	1.63%	0.255%
46	10.433	1275	1283	1305	rVB	646905	1358955	4.72%	0.739%
47	10.663	1316	1322	1326	rBV2	51082	90961	0.32%	0.049%
48	10.945	1366	1370	1377	rVB3	45582	79888	0.28%	0.043%
49	11.333	1431	1436	1444	rBV5	45887	85295	0.30%	0.046%
50	11.480	1452	1461	1465	rBV5	51253	111885	0.39%	0.061%
51	11.692	1492	1497	1502	rVV3	164899	315402	1.10%	0.171%
52	11.745	1502	1506	1513	rVB2	129820	243005	0.84%	0.132%
53	11.957	1536	1542	1552	rVB	324415	599369	2.08%	0.326%
54	12.057	1552	1559	1564	rBV6	53529	110588	0.38%	0.060%
55	12.180	1575	1580	1585	rBV	150435	239443	0.83%	0.130%
56	12.821	1685	1689	1695	rBV2	62200	101382	0.35%	0.055%
57	13.010	1713	1721	1725	rVV2	180942	330581	1.15%	0.180%
58	13.327	1767	1775	1777	rBV4	146981	267508	0.93%	0.145%
59	13.492	1798	1803	1806	rVV3	145174	255473	0.89%	0.139%
60	13.533	1806	1810	1815	rVB3	135639	255718	0.89%	0.139%
61	13.592	1815	1820	1824	rBV	1738151	2374344	8.25%	1.291%
62	13.639	1824	1828	1833	rVB	1016134	1330947	4.63%	0.723%
63	13.739	1839	1845	1853	rVB2	262014	525473	1.83%	0.286%
64	13.857	1858	1865	1876	rBV	2184701	3464941	12.04%	1.884%
65	14.098	1902	1906	1910	rBV	173110	200504	0.70%	0.109%
66	14.168	1911	1918	1924	rBV	2607520	3903128	13.56%	2.122%
67	14.404	1953	1958	1965	rBV2	376946	645312	2.24%	0.351%
68	14.574	1984	1987	1995	rVB2	102510	172481	0.60%	0.094%
69	14.798	2021	2025	2029	rBV5	85590	197179	0.69%	0.107%
70	14.968	2050	2054	2056	rBV4	119670	177482	0.62%	0.096%
71	14.998	2056	2059	2065	rVV	343913	490676	1.71%	0.267%

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72	15.057	2066	2069	2073	rVB	204863	245569	0.85%	0.133%
73	15.168	2083	2088	2094	rBV	2851394	3945099	13.71%	2.145%
74	15.227	2095	2098	2101	rVB2	109597	137049	0.48%	0.074%
75	15.310	2109	2112	2117	rVB	260897	305583	1.06%	0.166%
76	15.404	2124	2128	2133	rVB3	213339	319935	1.11%	0.174%
77	15.668	2170	2173	2181	rBV4	150355	299227	1.04%	0.163%
78	15.921	2213	2216	2218	rBV3	227852	269114	0.94%	0.146%
79	16.033	2232	2235	2240	rVB4	197553	283573	0.99%	0.154%
80	16.704	2345	2349	2354	rBV3	1857667	2415203	8.39%	1.313%
81	16.809	2364	2367	2376	rVB	603786	760408	2.64%	0.413%
82	16.921	2381	2386	2390	rVV	2981170	4346562	15.11%	2.363%
83	16.962	2390	2393	2398	rVV	1812447	2440756	8.48%	1.327%
84	17.021	2398	2403	2412	rVB	3123695	4528803	15.74%	2.462%
85	17.851	2540	2544	2548	rBV	1424219	1844099	6.41%	1.002%
86	17.974	2562	2565	2572	rVB3	649145	1035410	3.60%	0.563%
87	18.874	2715	2718	2722	rVB2	999406	1199574	4.17%	0.652%
88	18.992	2734	2738	2745	rBV	2390796	3190382	11.09%	1.734%
89	19.145	2761	2764	2770	rBV4	874651	1177818	4.09%	0.640%
90	19.327	2791	2795	2798	rBV	3805918	5227896	18.17%	2.842%
91	19.356	2798	2800	2802	rVV	1906265	2224647	7.73%	1.209%
92	19.392	2802	2806	2811	rVB	17209949	21836942	75.89%	11.870%
93	21.068	3088	3091	3096	rBV	5824204	6596177	22.92%	3.586%
94	21.133	3099	3102	3106	rVB	3486969	4290282	14.91%	2.332%
95	21.739	3201	3205	3214	rVB	7338252	9493086	32.99%	5.160%
96	21.980	3243	3246	3255	rVB	9592620	12581790	43.72%	6.839%
97	22.897	3397	3402	3410	rVB	6363093	10417259	36.20%	5.663%
98	23.156	3442	3446	3450	rVB	2436052	3543192	12.31%	1.926%
99	23.909	3570	3574	3582	rVB2	3669759	6968566	24.22%	3.788%
100	24.097	3599	3606	3614	rVB	14007945	28774984	100.00%	15.642%

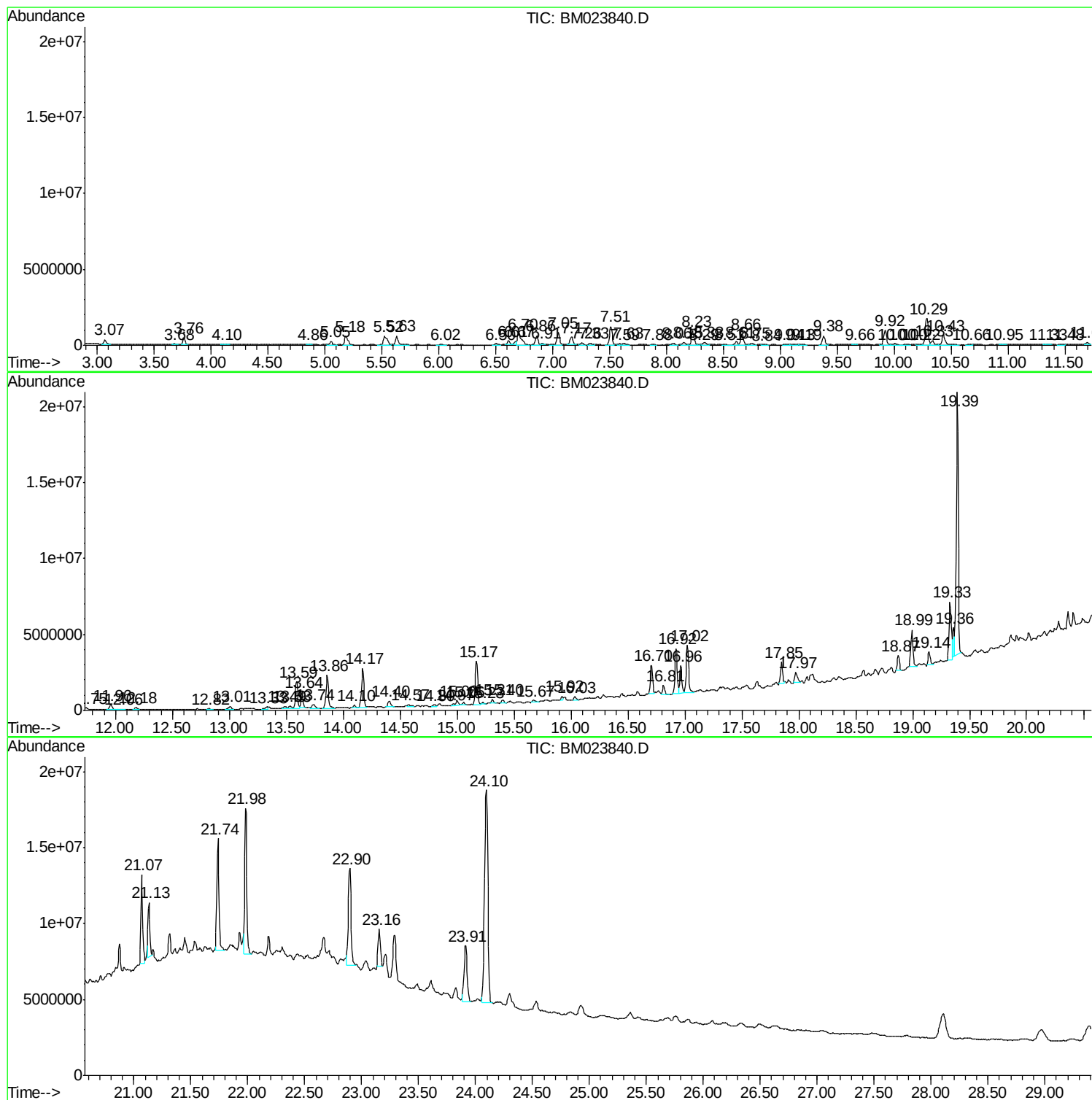
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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



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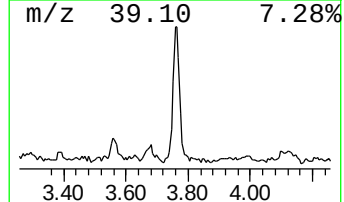
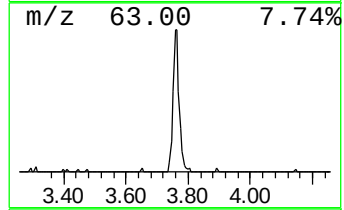
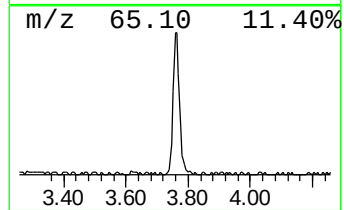
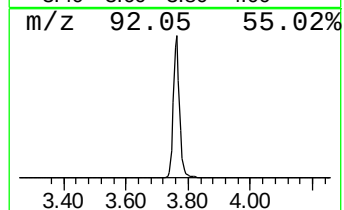
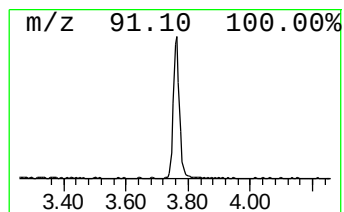
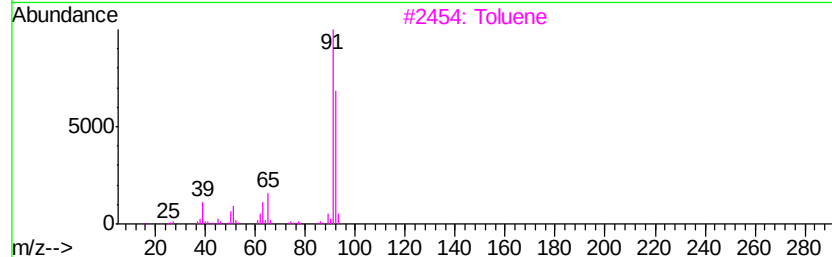
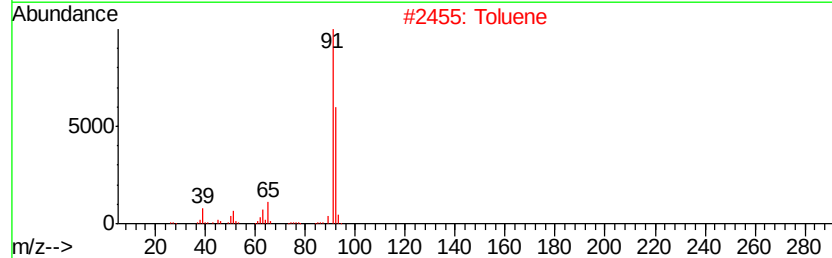
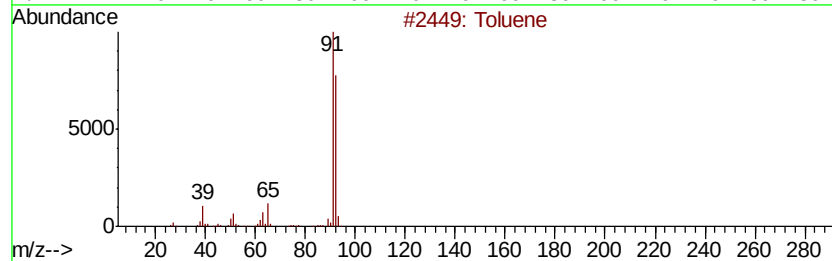
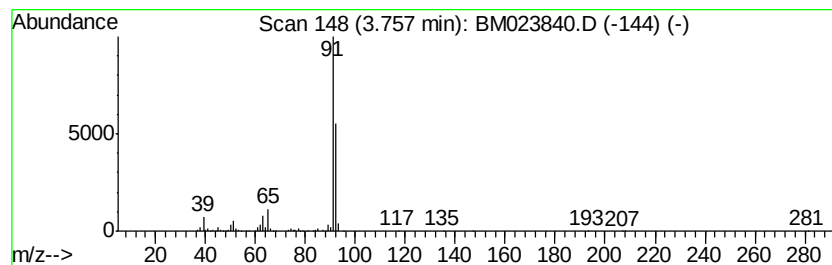
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Toluene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.76	6.55 ng/ul	624754	1,4-Dichlorobenzene-d4	7.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Toluene	92	C7H8	000108-88-3	95
2		Toluene	92	C7H8	000108-88-3	94
3		Toluene	92	C7H8	000108-88-3	91
4		Toluene	92	C7H8	000108-88-3	91
5		Toluene	92	C7H8	000108-88-3	91



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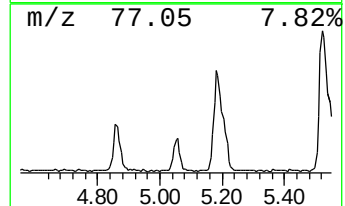
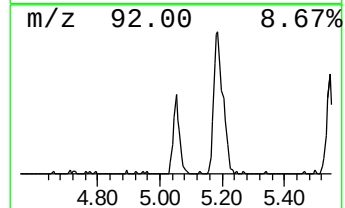
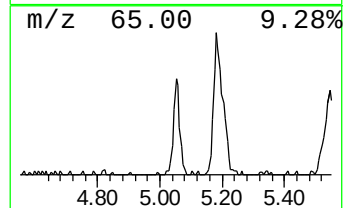
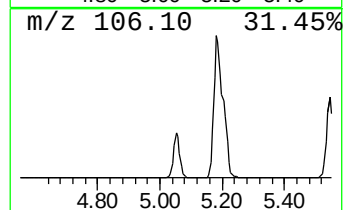
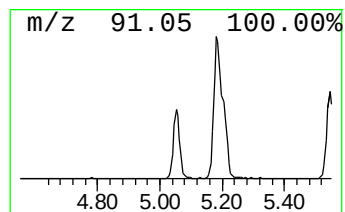
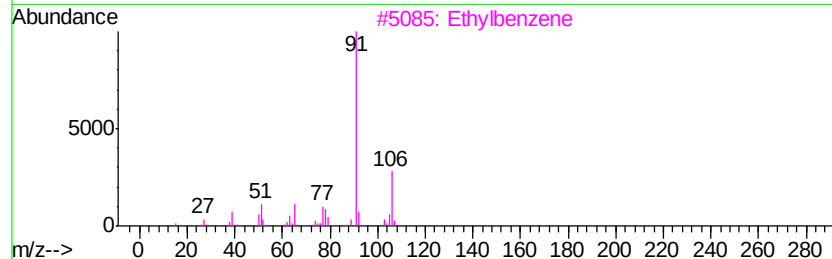
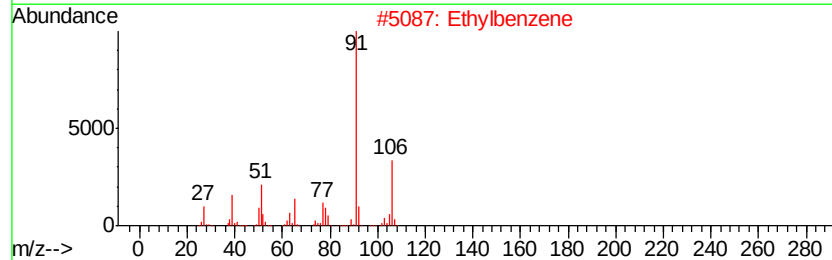
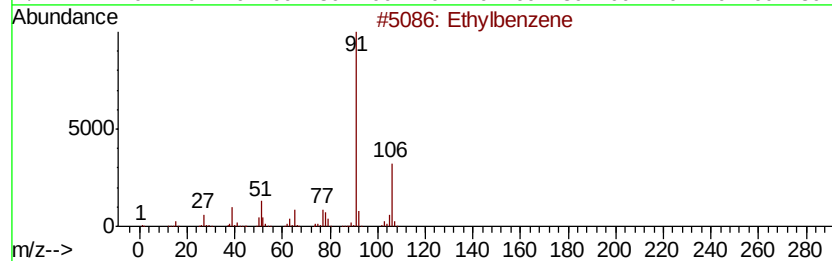
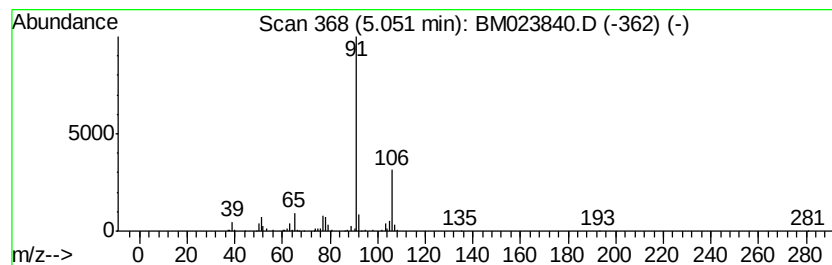
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Ethylbenzene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	3.65 ng/ul	347686	1,4-Dichlorobenzene-d4	7.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethylbenzene	106	C8H10	000100-41-4	91
2		Ethylbenzene	106	C8H10	000100-41-4	91
3		Ethylbenzene	106	C8H10	000100-41-4	91
4		Ethylbenzene	106	C8H10	000100-41-4	90
5		p-Xylene	106	C8H10	000106-42-3	87



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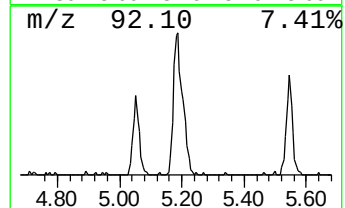
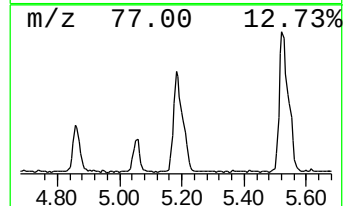
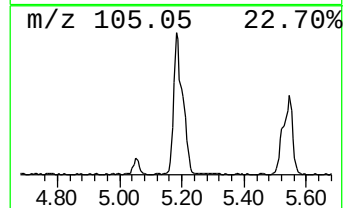
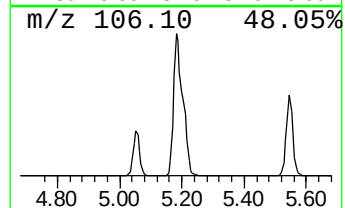
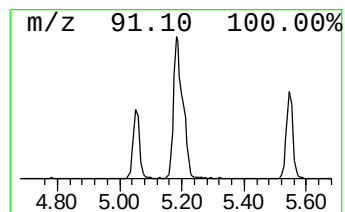
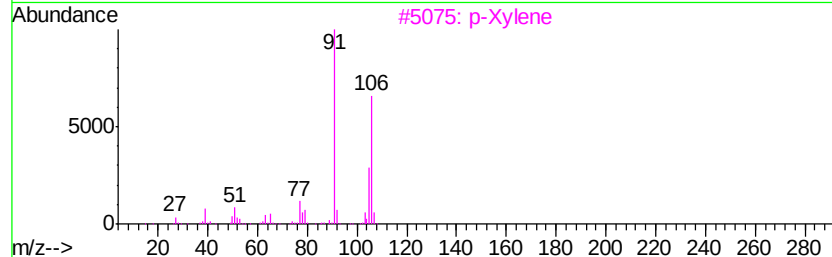
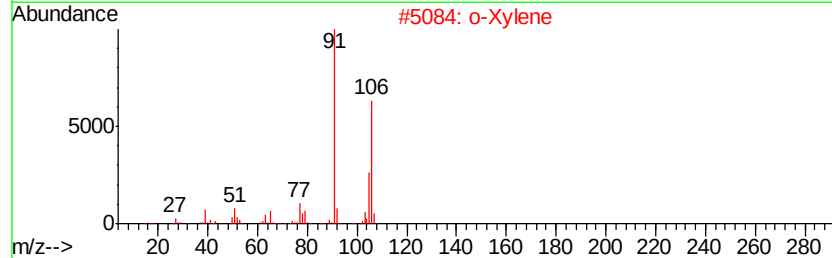
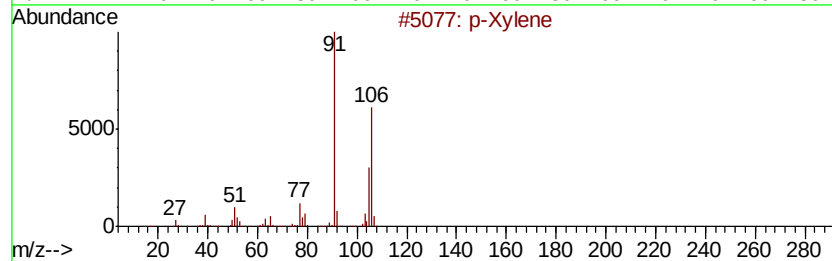
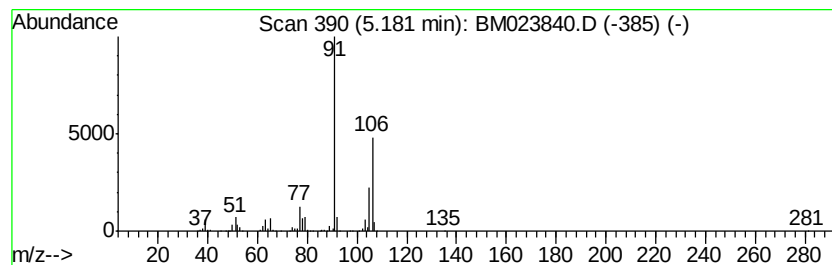
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 p-Xylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	12.25 ng/ul	1168330	1,4-Dichlorobenzene-d4	7.51

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



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Sample : K5851-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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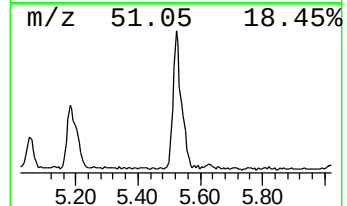
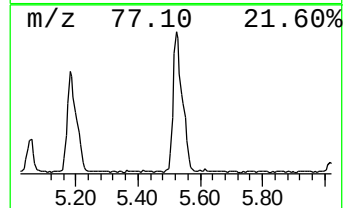
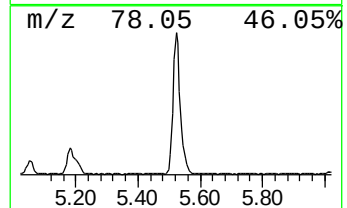
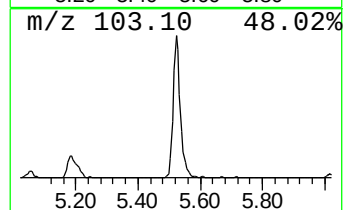
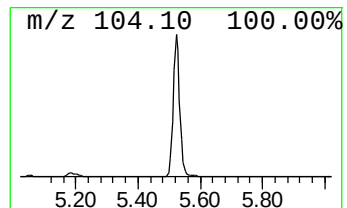
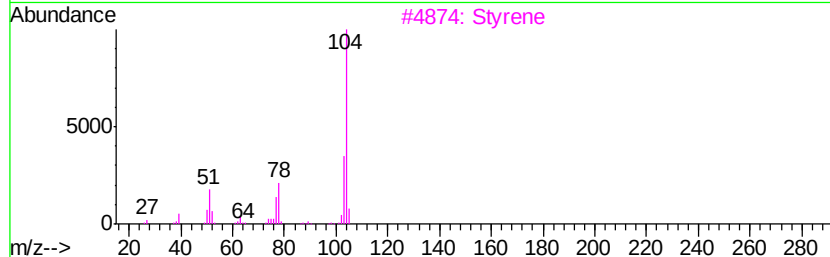
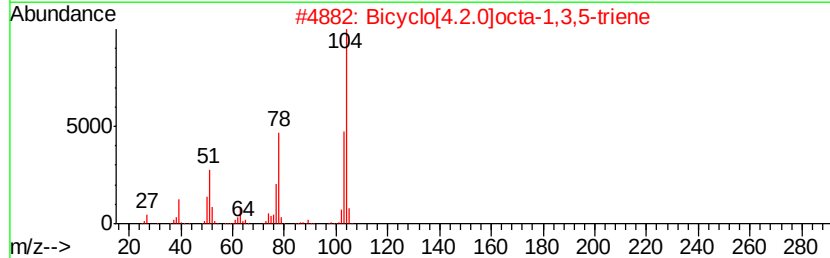
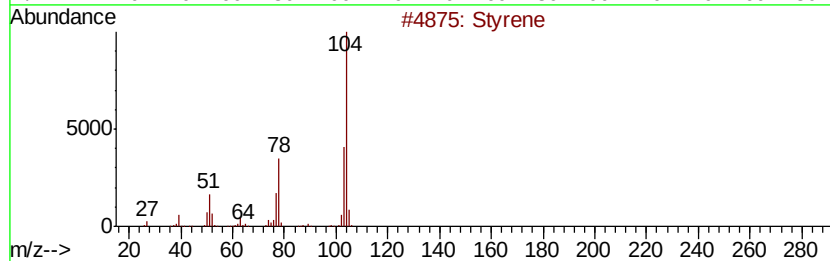
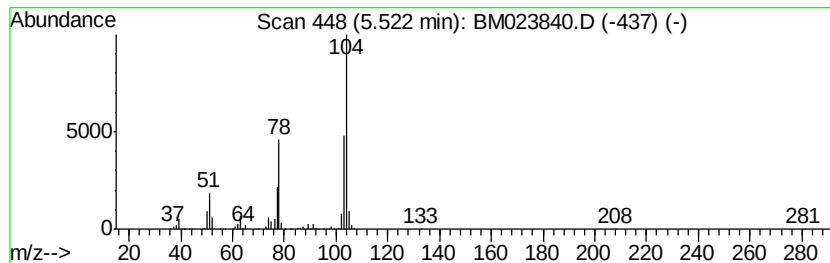
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Styrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.52	14.54 ng/ul	1386690	1,4-Dichlorobenzene-d4	7.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Styrene	104	C8H8	000100-42-5	95
2		Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	95
3		Styrene	104	C8H8	000100-42-5	91
4		Styrene	104	C8H8	000100-42-5	91
5		1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
Data File : BM023840.D
Acq On : 21 Nov 2019 21:43
Operator : JU
Sample : K5851-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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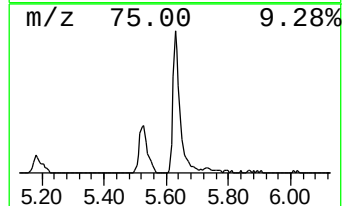
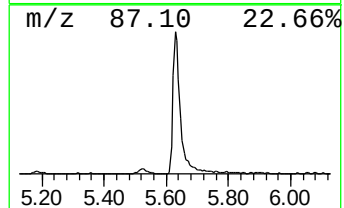
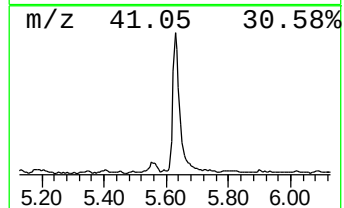
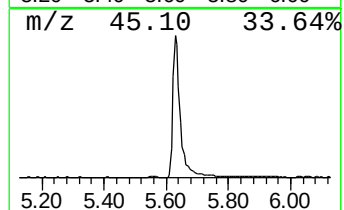
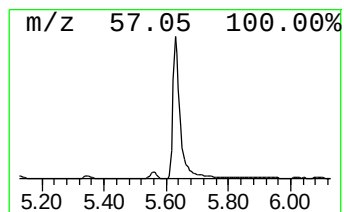
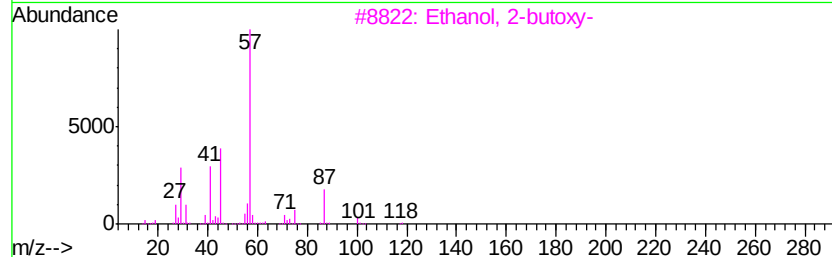
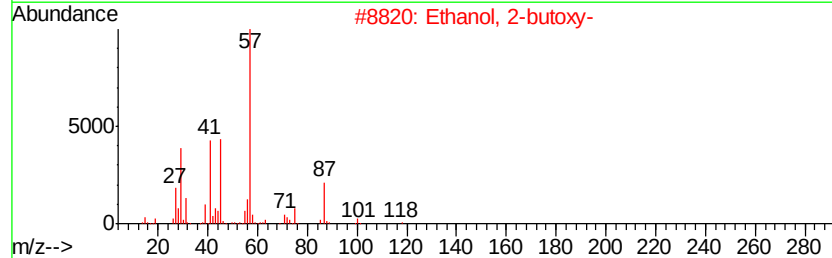
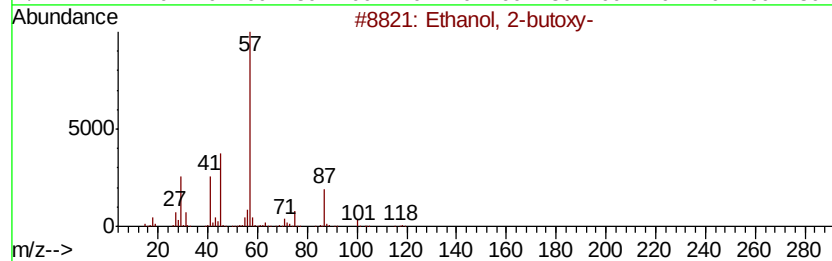
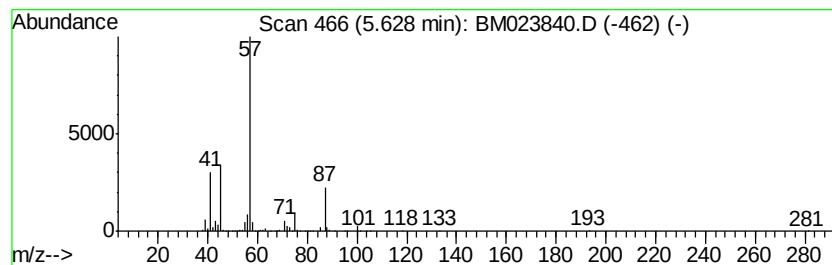
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Ethanol, 2-butoxy- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.63	9.95 ng/ul	948470	1,4-Dichlorobenzene-d4	7.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	83
2		Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	74
3		Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	47
4		Formic acid, 3,3-dimethylbut-2-y...	130	C7H14O2	1000368-20-5	45
5		Propane, 1-(chloromethoxy)-2-met...	122	C5H11ClO	034180-11-5	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
Data File : BM023840.D
Acq On : 21 Nov 2019 21:43
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Misc :
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ClientSampleId :
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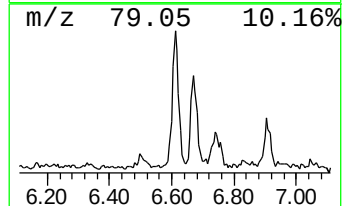
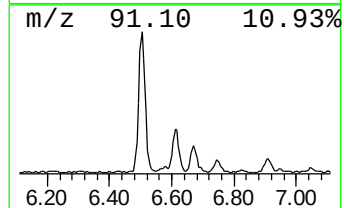
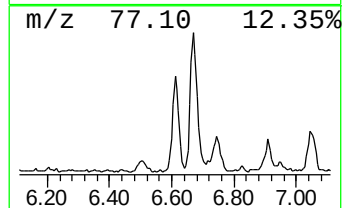
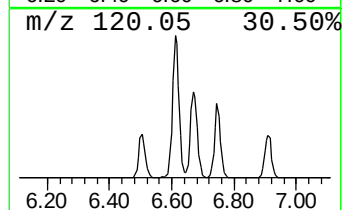
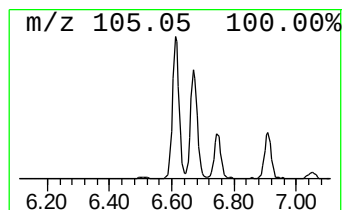
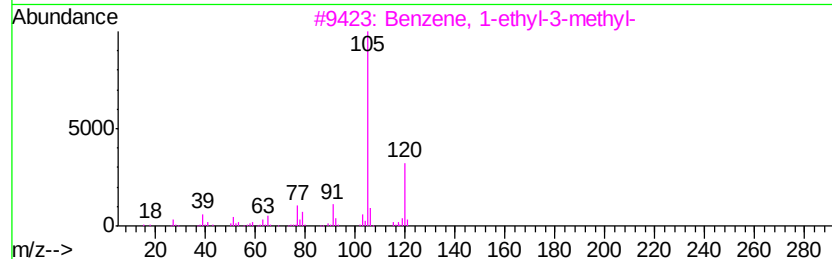
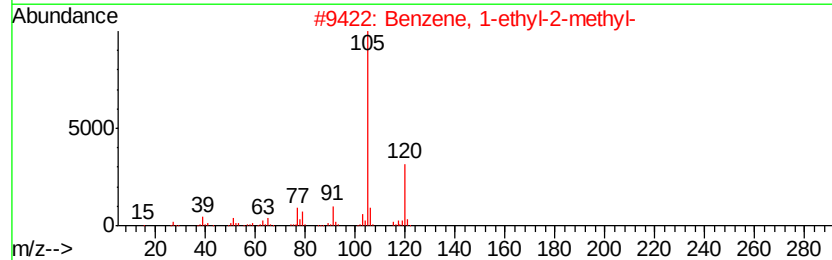
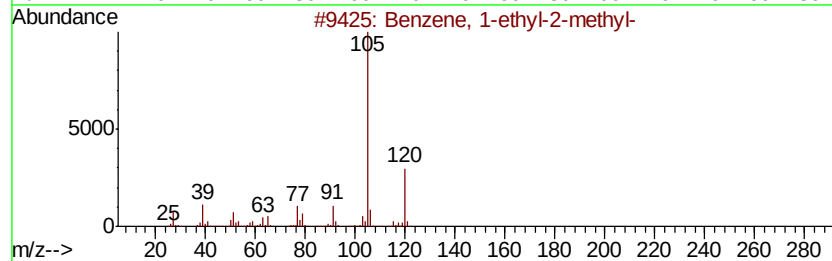
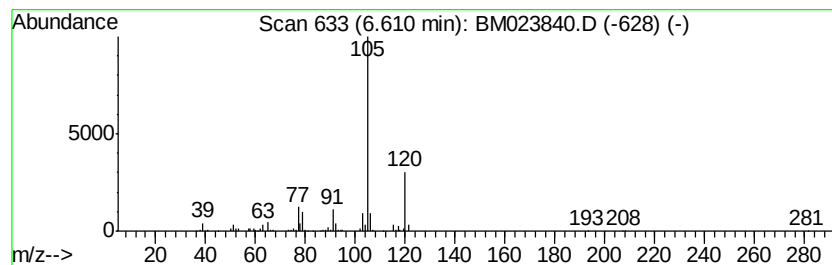
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	3.96 ng/ul	377917	1,4-Dichlorobenzene-d4	7.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
Data File : BM023840.D
Acq On : 21 Nov 2019 21:43
Operator : JU
Sample : K5851-15
Misc :
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ClientSampleId :
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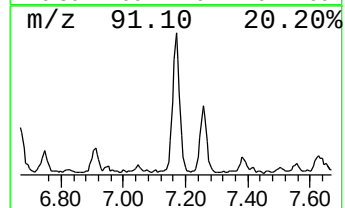
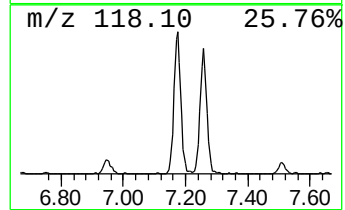
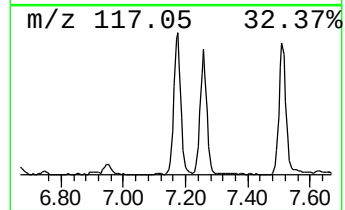
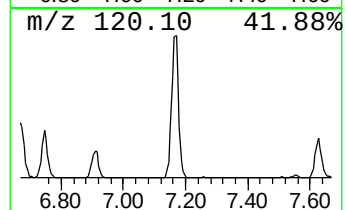
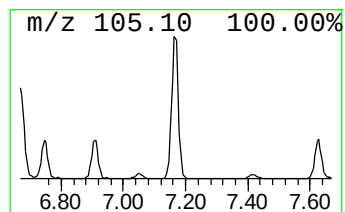
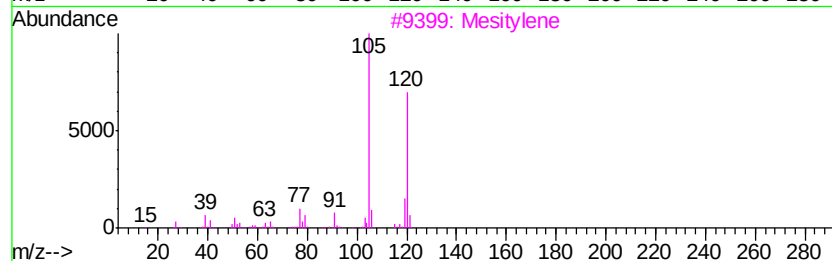
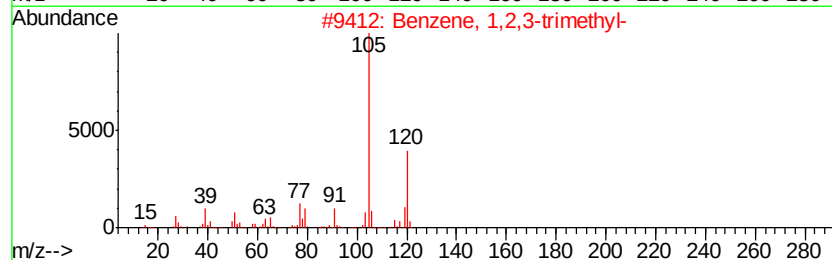
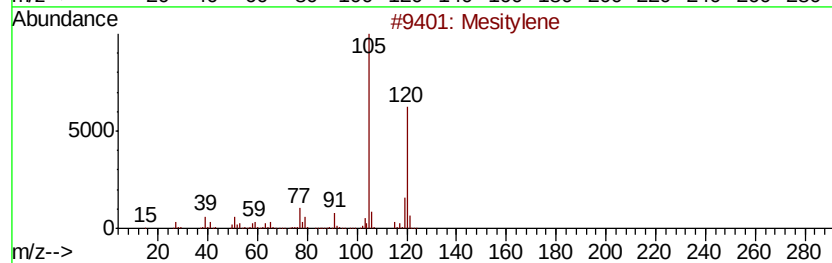
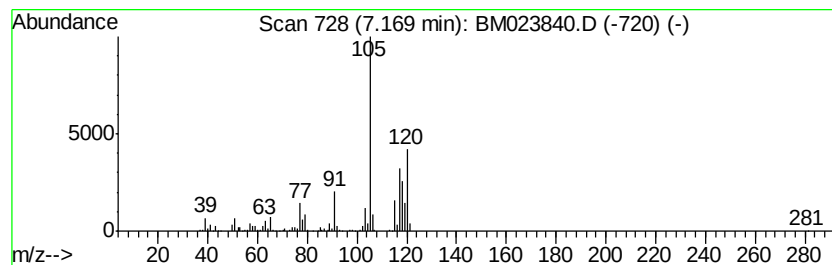
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Mesitylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	9.97 ng/ul	950934	1,4-Dichlorobenzene-d4	7.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Mesitylene	120	C9H12	000108-67-8	60
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	60
3		Mesitylene	120	C9H12	000108-67-8	60
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	60
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	60



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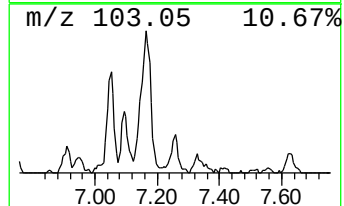
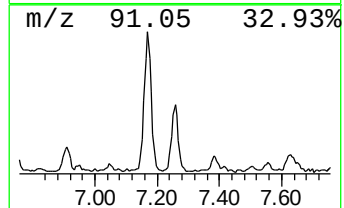
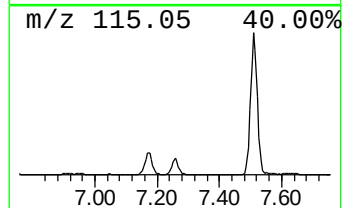
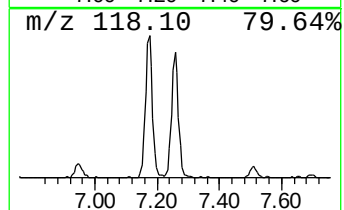
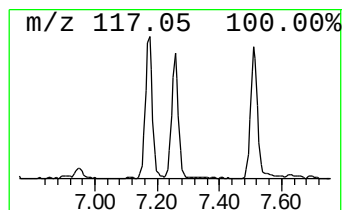
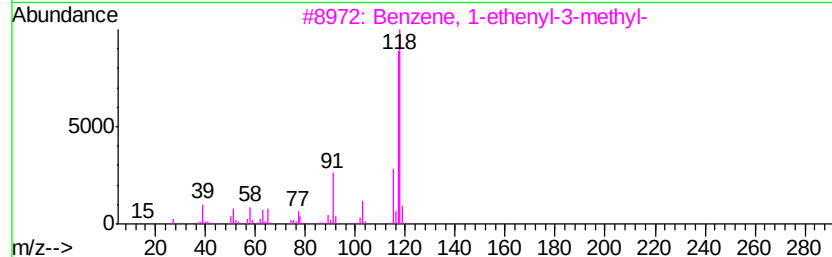
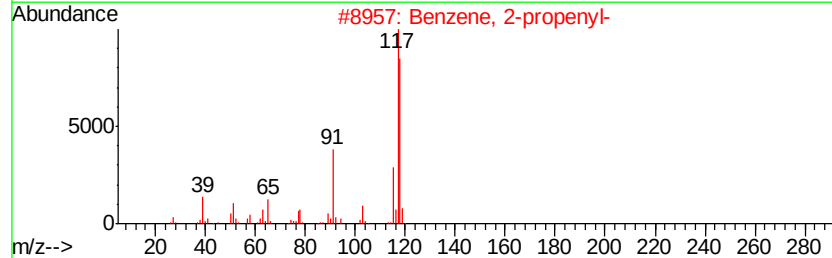
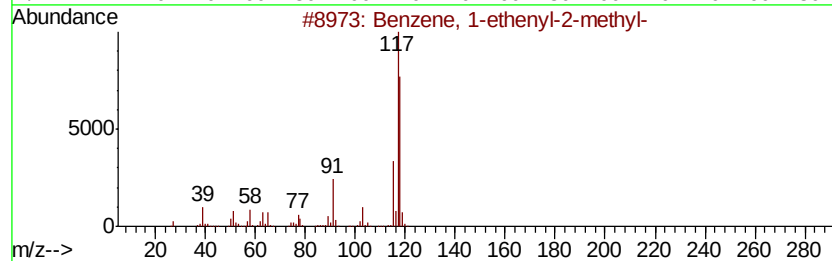
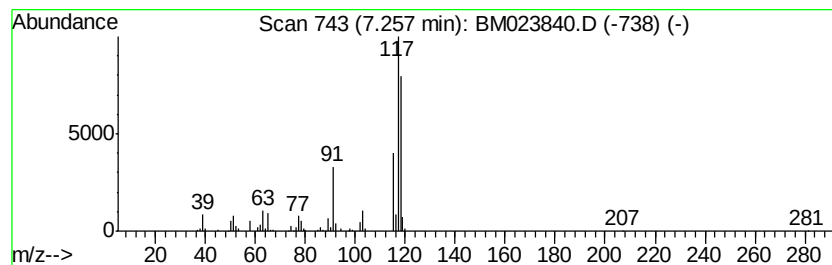
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzene, 1-ethenyl-2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	2.37 ng/ul	225650	1,4-Dichlorobenzene-d4	7.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	95
2		Benzene, 2-propenyl-	118	C9H10	000300-57-2	95
3		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	94
4		Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
5		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
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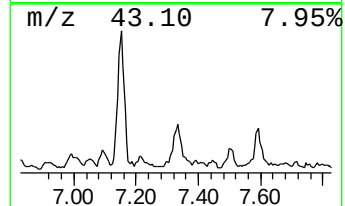
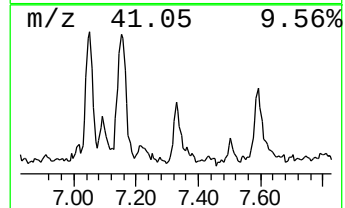
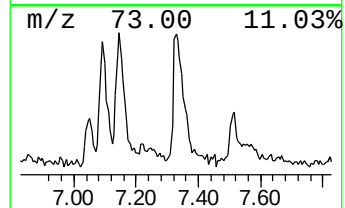
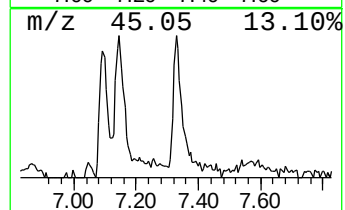
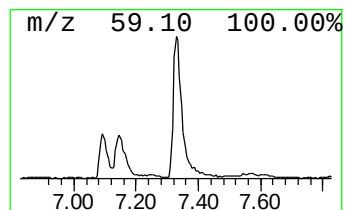
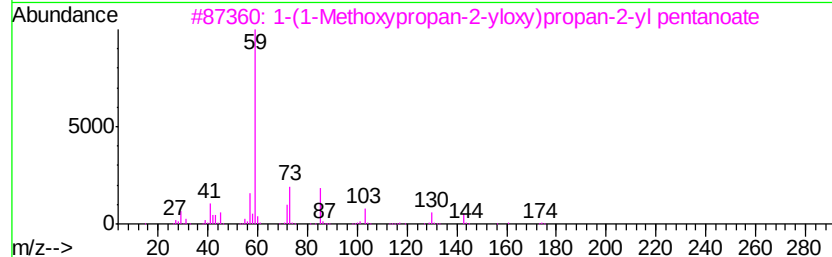
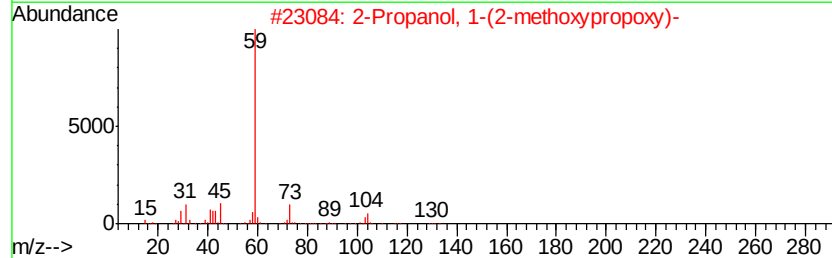
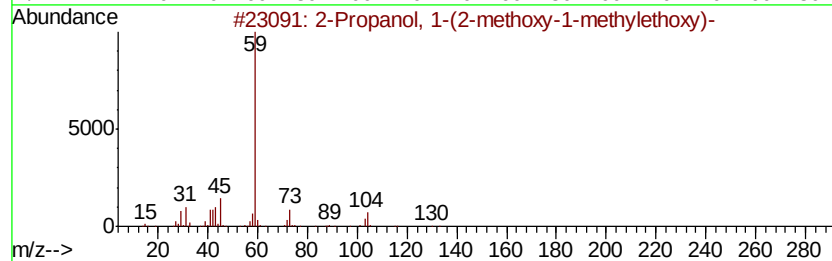
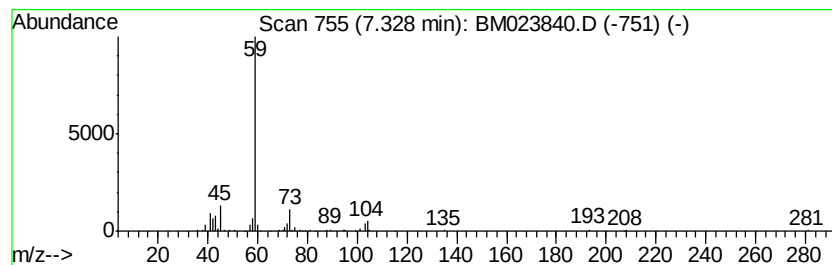
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	2.06 ng/ul	196694	1,4-Dichlorobenzene-d4	7.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	83
2		2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	83
3		1-(1-Methoxypropan-2-yloxy)propan...	232	C12H24O4	1000367-13-4	72
4		Tri(propylene glycol) propyl ether	234	C12H26O4	096077-04-2	64
5		1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
Data File : BM023840.D
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ALS Vial : 16 Sample Multiplier: 1

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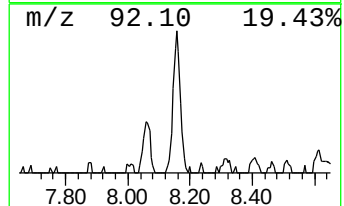
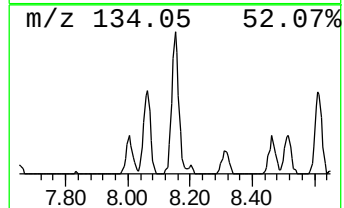
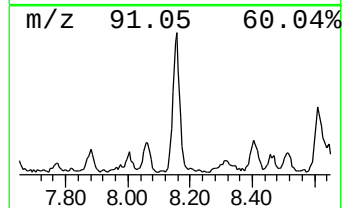
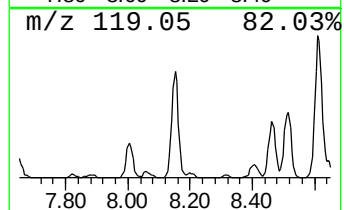
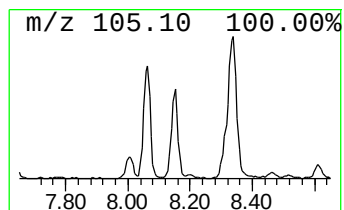
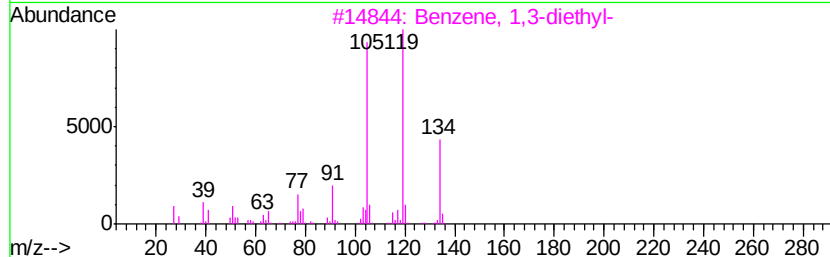
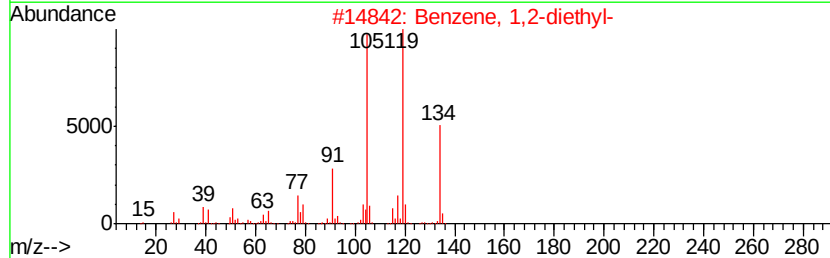
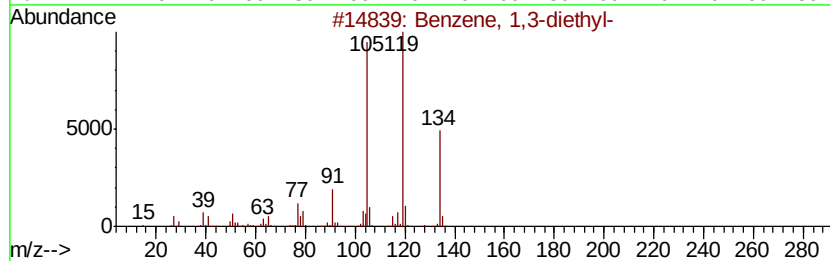
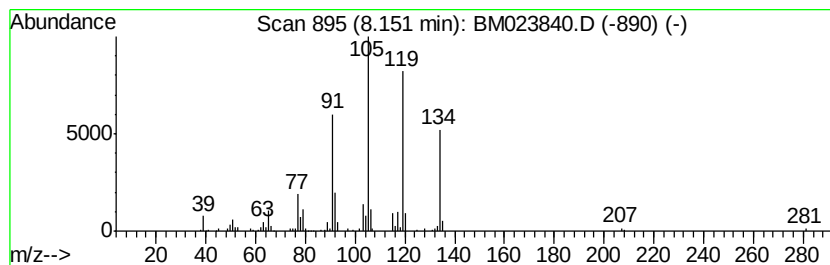
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Benzene, 1,3-diethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	3.14 ng/ul	299389	1,4-Dichlorobenzene-d4	7.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
2			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
Data File : BM023840.D
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Operator : JU
Sample : K5851-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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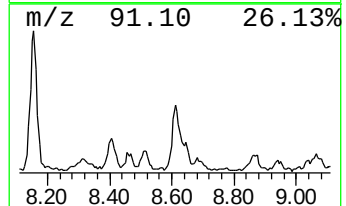
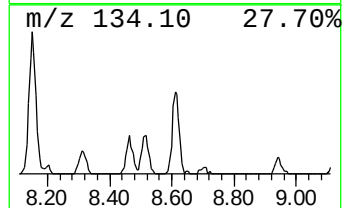
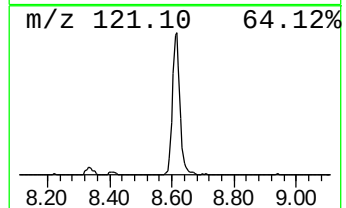
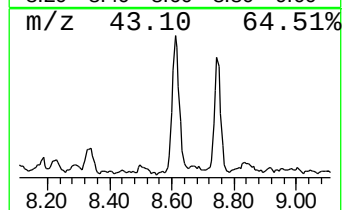
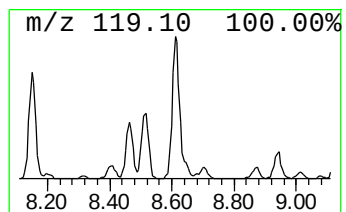
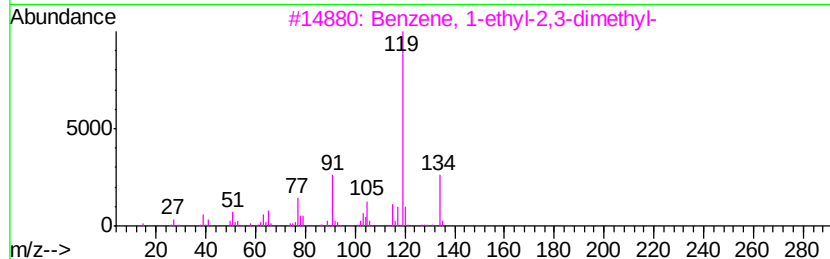
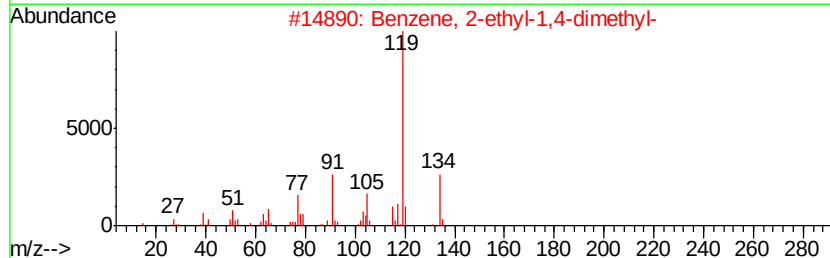
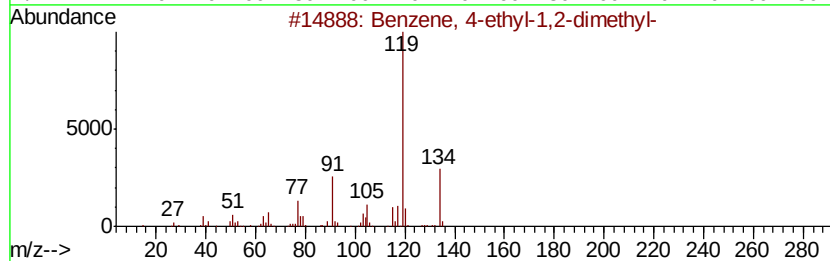
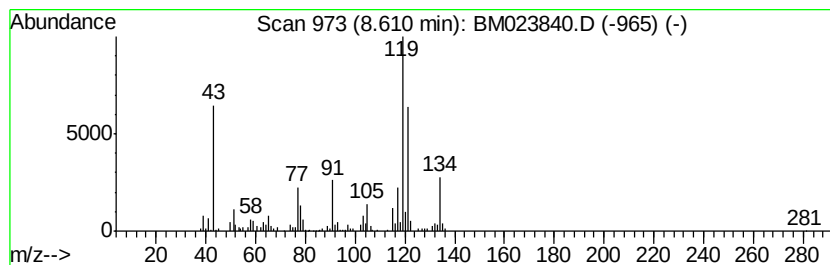
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	3.74 ng/ul	356829	1,4-Dichlorobenzene-d4	7.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	92
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	92
4			p-Cymene	134	C10H14	000099-87-6	81
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
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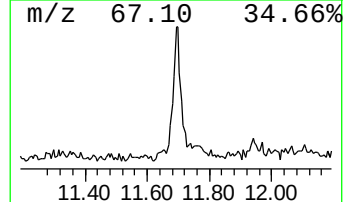
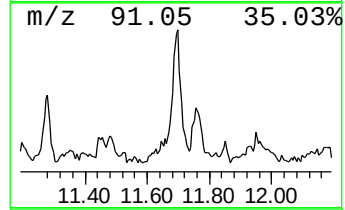
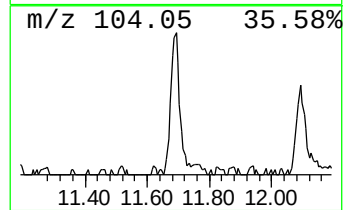
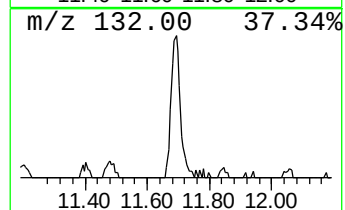
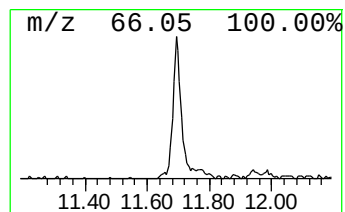
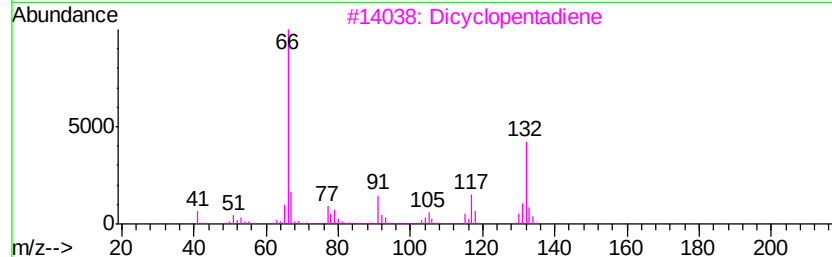
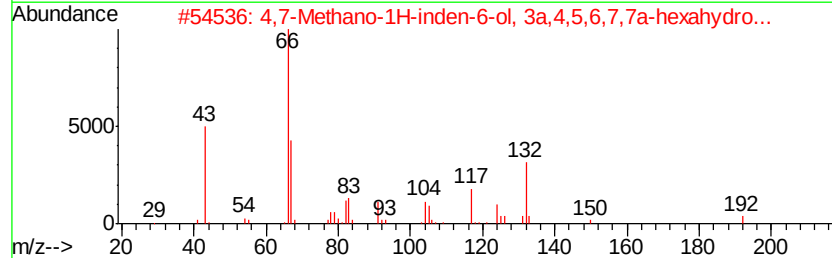
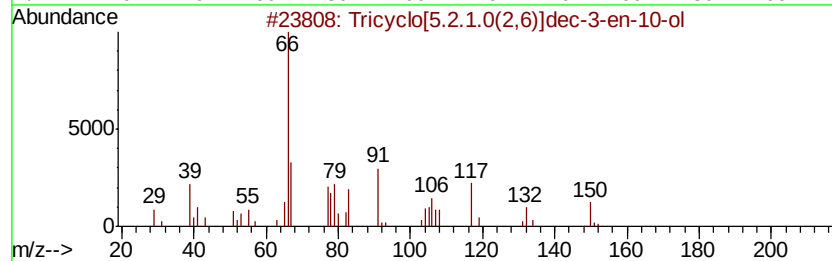
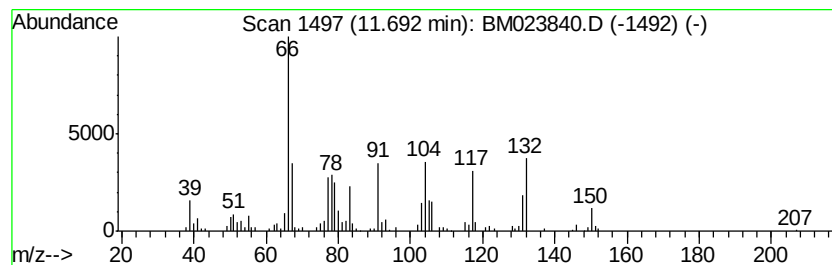
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Tricyclo[5.2.1.0(2,6)]dec-3... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	2.16 ng/ul	315402	Naphthalene-d8	10.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricyclo[5.2.1.0(2,6)]dec-3-en-1...	150	C10H14O	039852-87-4	90
2		4,7-Methano-1H-inden-6-ol, 3a,4,...	192	C12H16O2	005413-60-5	72
3		Dicyclopentadiene	132	C10H12	000077-73-6	72
4		Tricyclo[4.2.1.1(2,5)]dec-3-en-9...	150	C10H14O	070220-93-8	64
5		2-Azabicyclo[2.2.1]hept-5-en-3-o...	109	C6H7NO	130931-83-8	58



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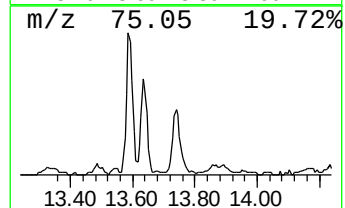
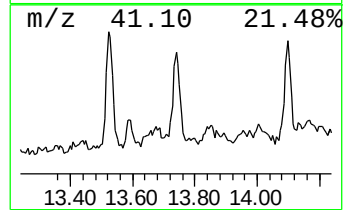
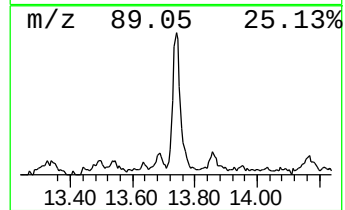
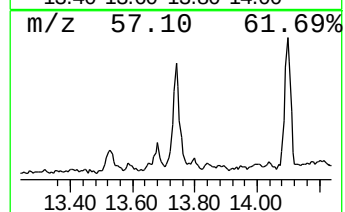
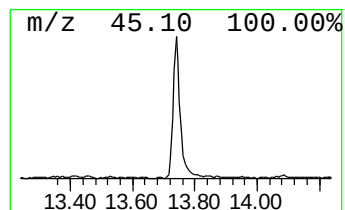
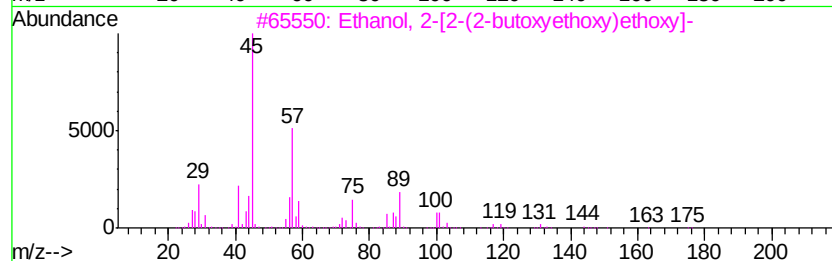
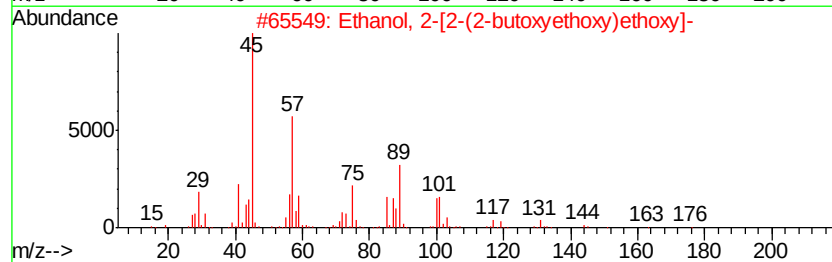
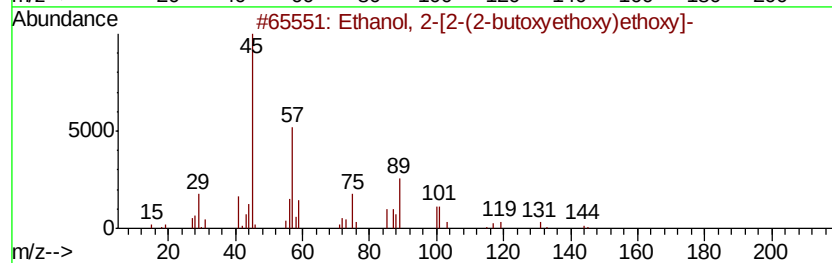
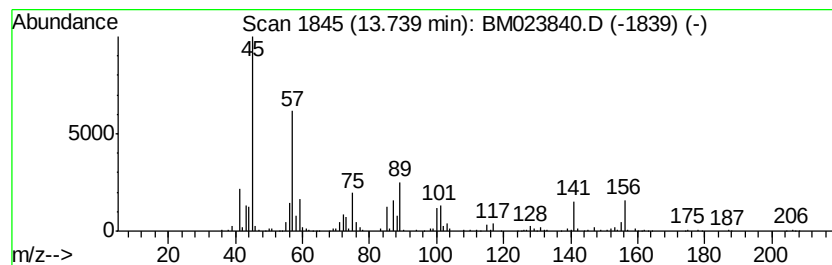
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Ethanol, 2-[2-(2-butoxyetho... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	2.69 ng/ul	525473	Acenaphthene-d10	14.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	87
2		Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	86
3		Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	80
4		Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	80
5		3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
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Operator : JU
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Misc :
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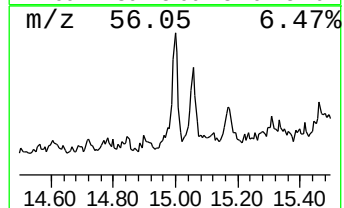
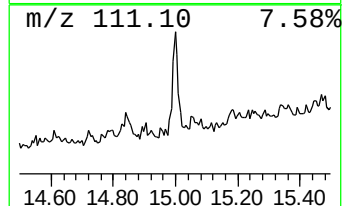
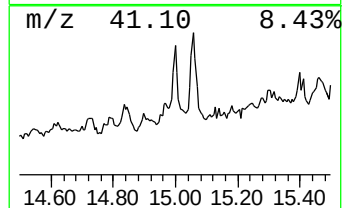
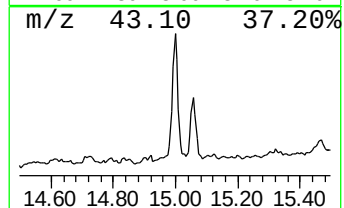
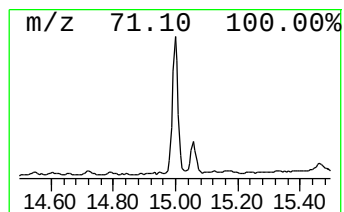
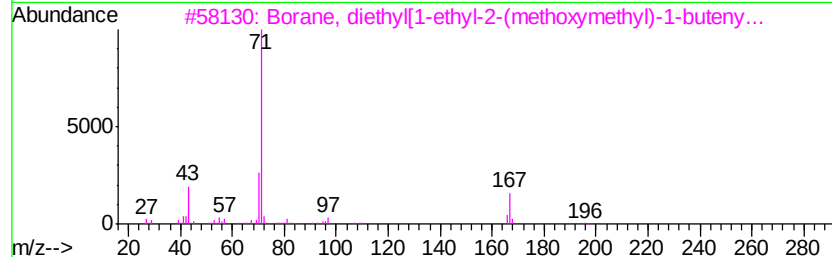
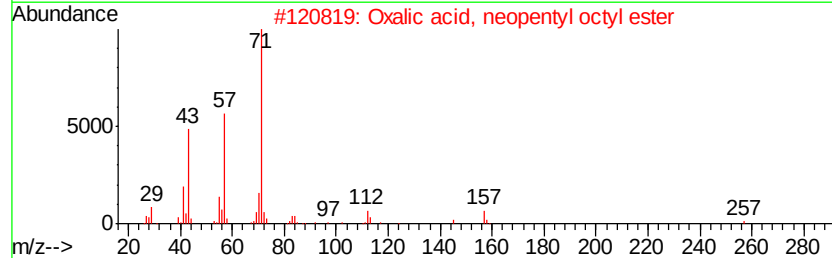
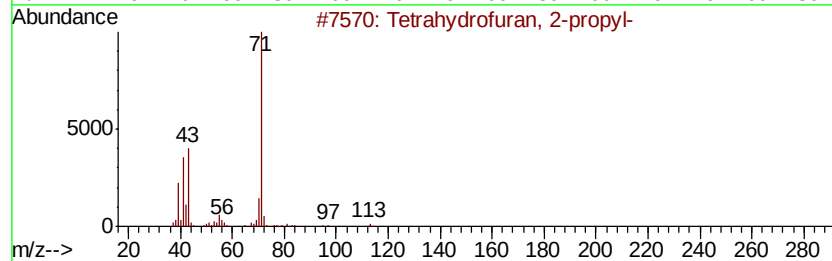
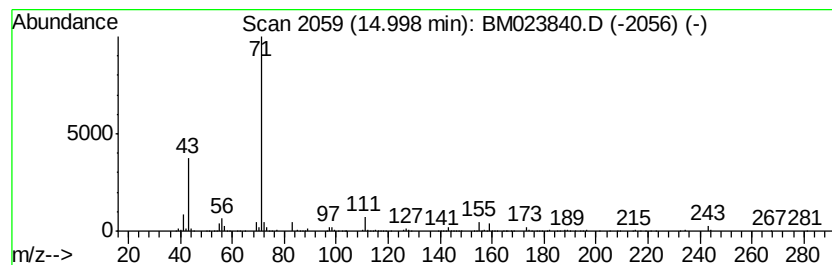
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Tetrahydrofuran, 2-propyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	2.51 ng/ul	490676	Acenaphthene-d10	14.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetrahydrofuran, 2-propyl-	114	C7H14O	003208-22-8	59
2		Oxalic acid, neopentyl octyl ester	272	C15H28O4	1000309-73-2	45
3		Borane, diethyl[1-ethyl-2-(metho...	196	C12H25BO	053670-48-7	45
4		2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	40
5		Fumaric acid, butyl tetrahydrofu...	256	C13H20O5	1000330-57-9	39



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
Data File : BM023840.D
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Sample : K5851-15
Misc :
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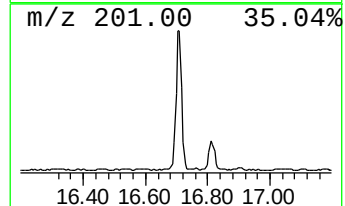
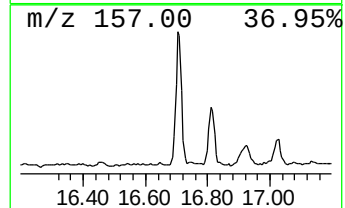
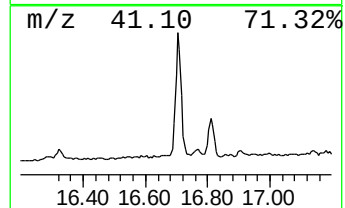
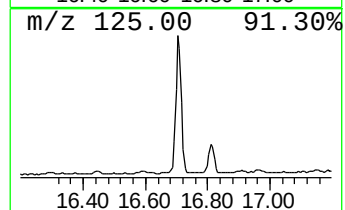
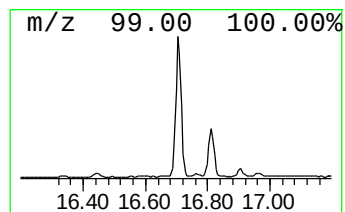
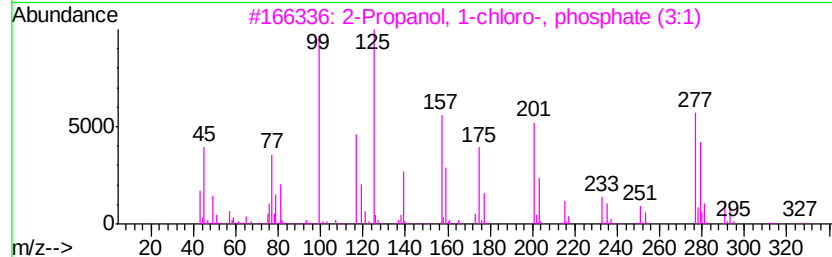
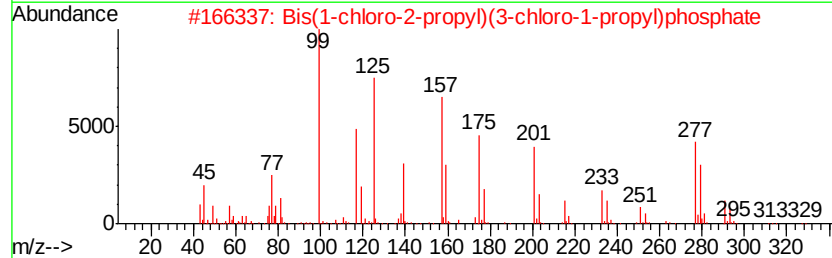
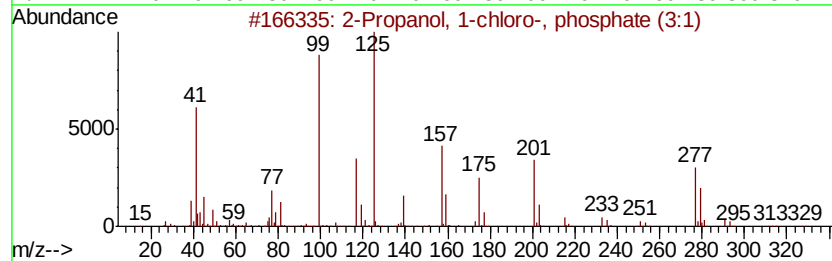
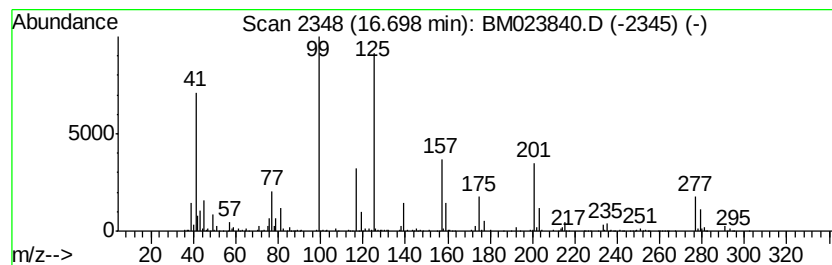
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 2-Propanol, 1-chloro-, phos... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	11.11 ng/ul	2415200	Phenanthrene-d10	16.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	93
2			Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	38
3			2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	27
4			Triisopropylphosphate	224	C9H21O4P	000513-02-0	23
5			Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	10



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
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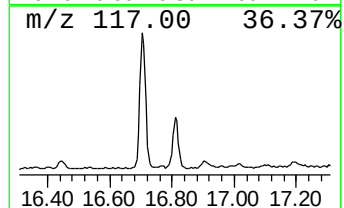
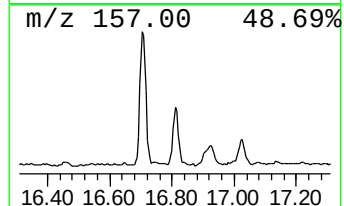
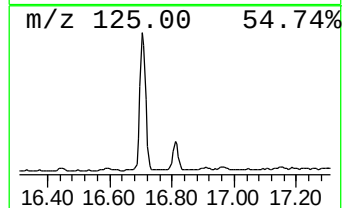
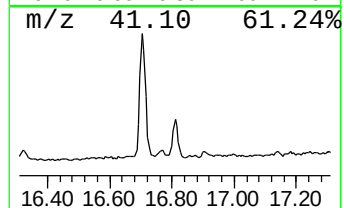
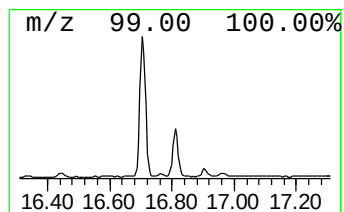
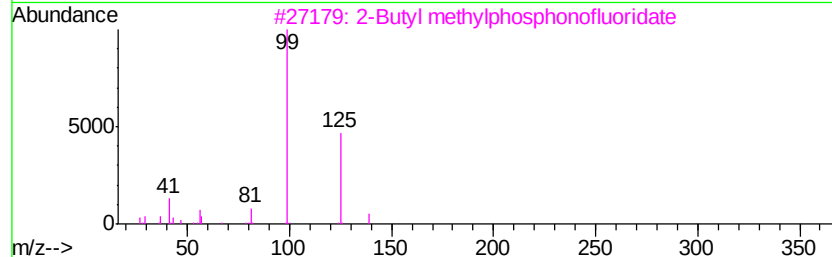
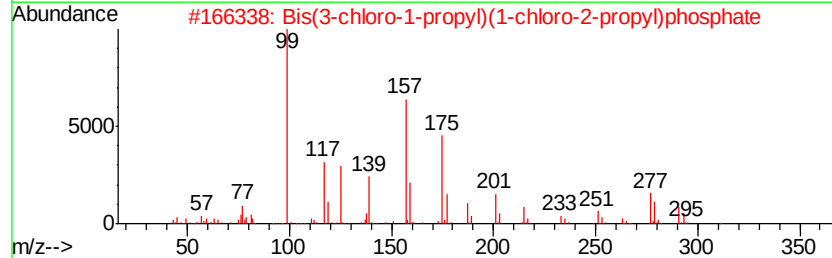
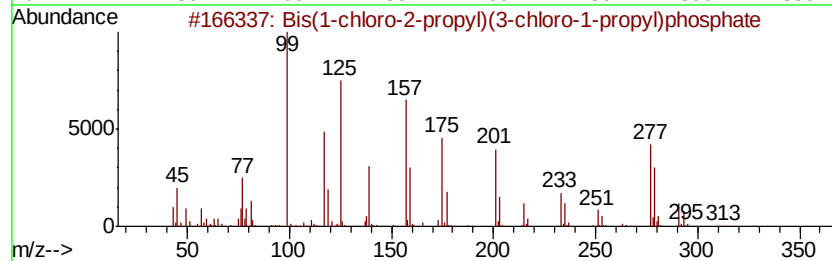
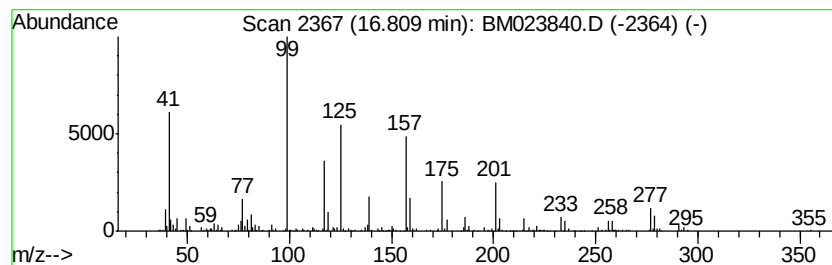
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 unknown-01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.81	3.50 ng/ul	760408	Phenanthrene-d10	16.92		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	46
2		Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	45
3		2-Butyl methylphosphonofluoridate	154	C5H12F02P	000352-52-3	35
4		2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	35
5		2-Butyl methylphosphonofluoridate	154	C5H12F02P	000352-52-3	25



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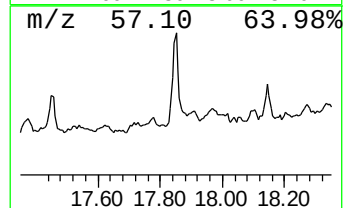
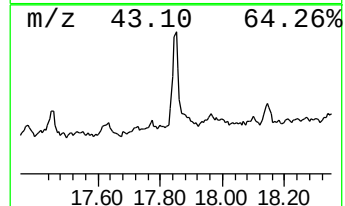
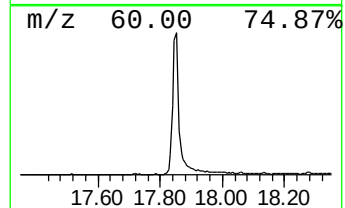
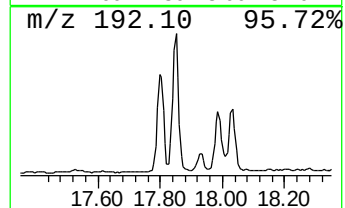
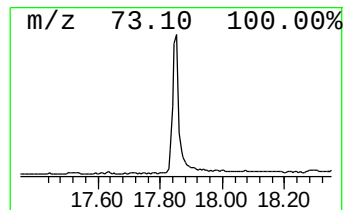
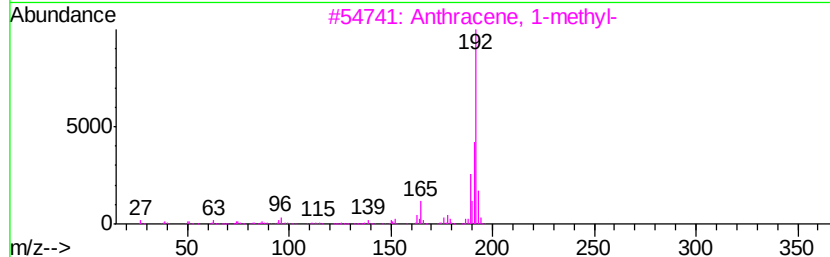
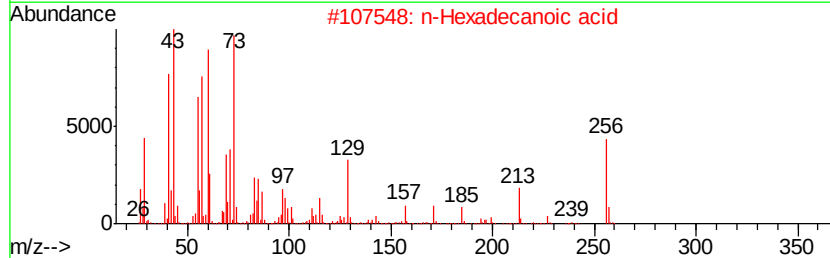
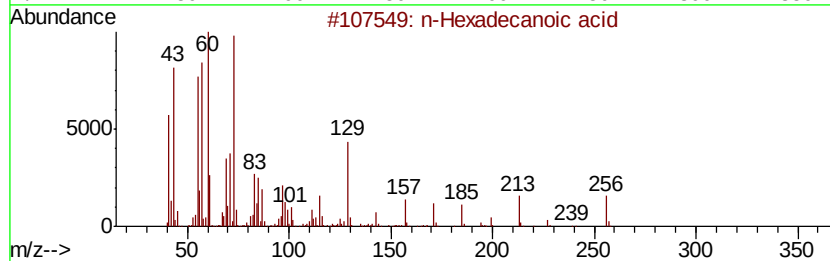
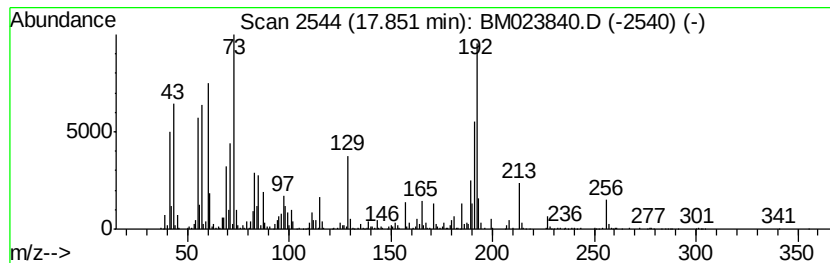
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	8.49 ng/ul	1844100	Phenanthrene-d10	16.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4			1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	91
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
Data File : BM023840.D
Acq On : 21 Nov 2019 21:43
Operator : JU
Sample : K5851-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

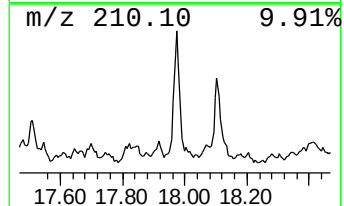
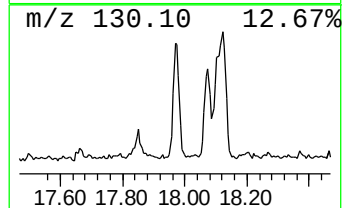
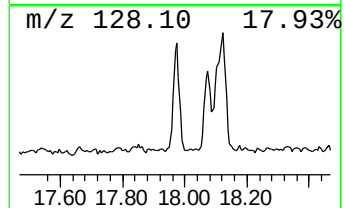
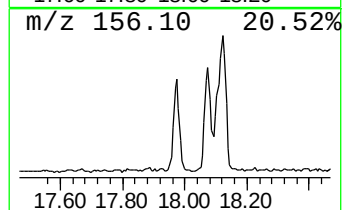
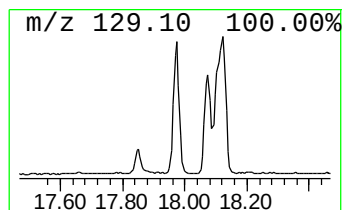
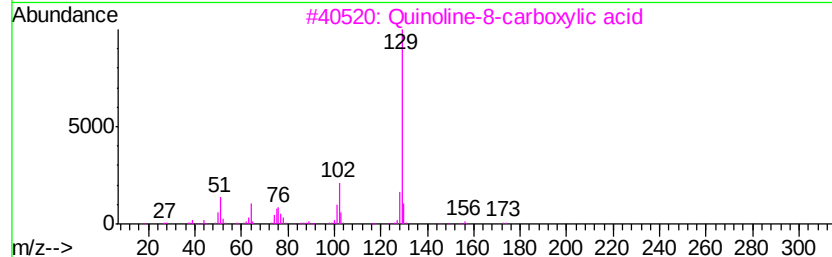
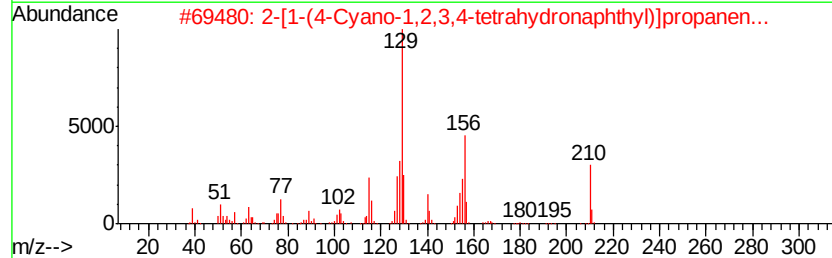
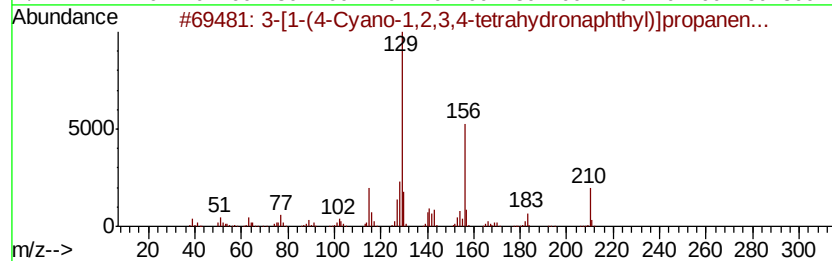
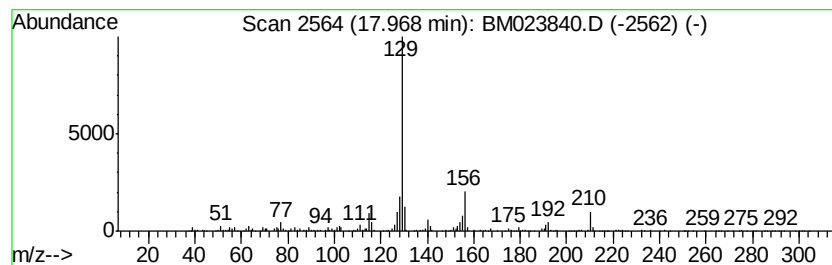
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 unknown-02 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	4.76 ng/ul	1035410	Phenanthrene-d10	16.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3	[1-(4-Cyano-1,2,3,4-tetrahydro...	210 C14H14N2	057964-40-6 47
2	2	[1-(4-Cyano-1,2,3,4-tetrahydro...	210 C14H14N2	057964-39-3 42
3	0	quinoline-8-carboxylic acid	173 C10H7NO2	000086-59-9 40
4	I	soquinoline	129 C9H7N	000119-65-3 38
5	I	soquinoline	129 C9H7N	000119-65-3 38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
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Acq On : 21 Nov 2019 21:43
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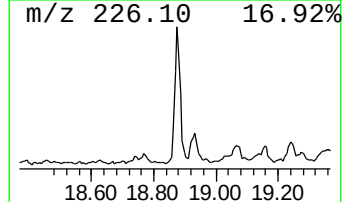
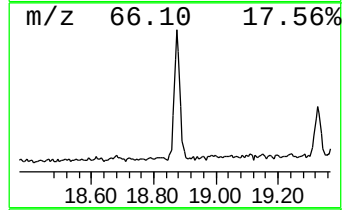
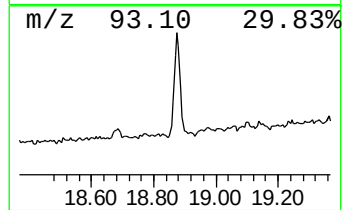
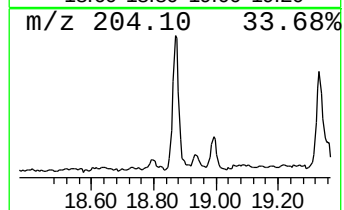
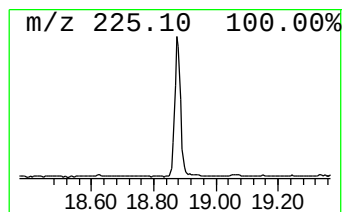
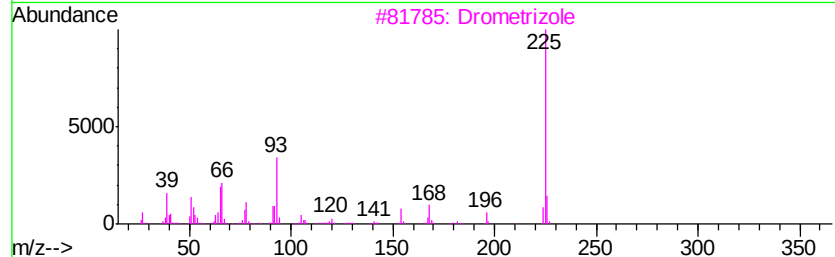
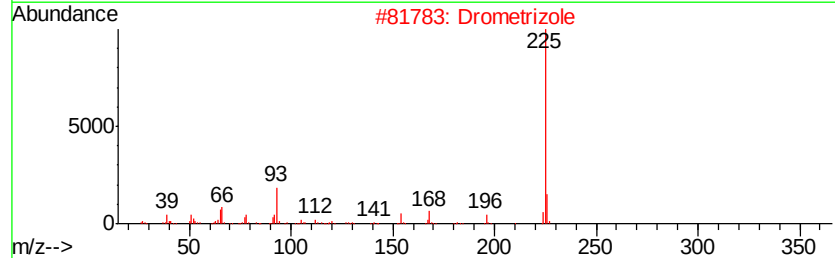
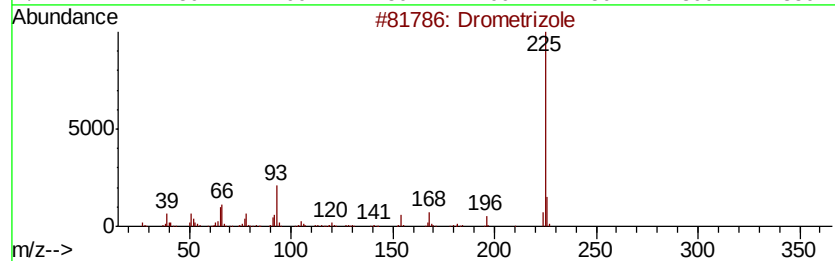
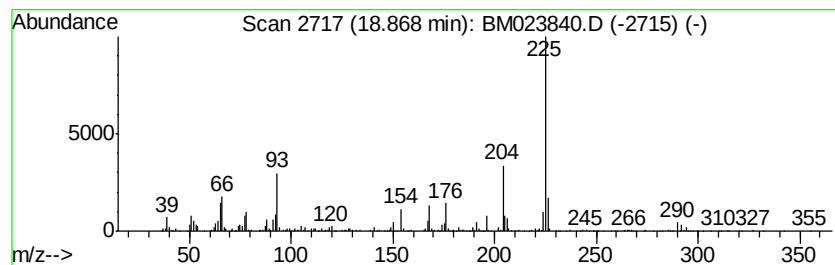
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Drometrizole Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	5.52 ng/ul	1199570	Phenanthrene-d10	16.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Drometrizole	225	C13H11N3O	002440-22-4	97
2			Drometrizole	225	C13H11N3O	002440-22-4	96
3			Drometrizole	225	C13H11N3O	002440-22-4	95
4			2-(2H-Benzotriazol-2-yl)-5-methy...	225	C13H11N3O	004998-48-5	93
5			Drometrizole	225	C13H11N3O	002440-22-4	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
Data File : BM023840.D
Acq On : 21 Nov 2019 21:43
Operator : JU
Sample : K5851-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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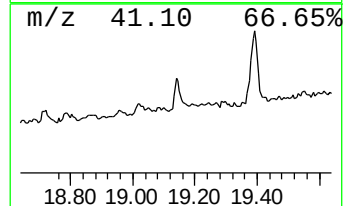
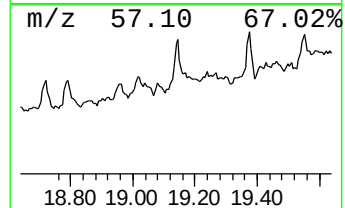
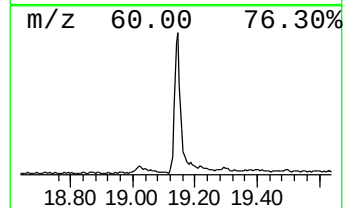
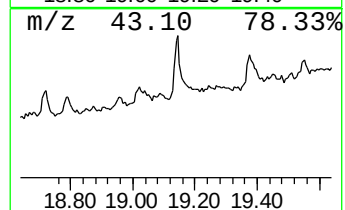
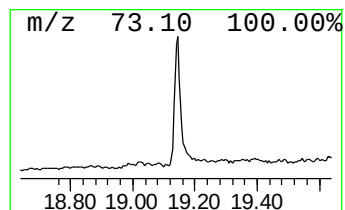
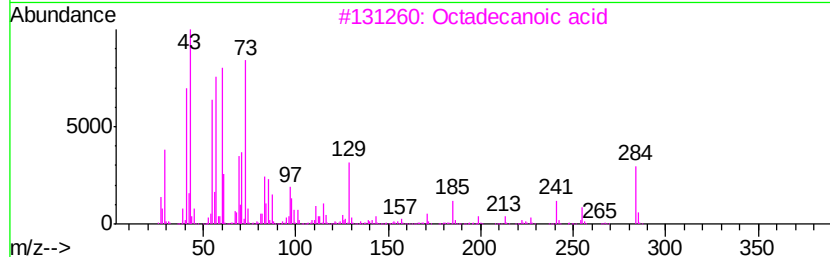
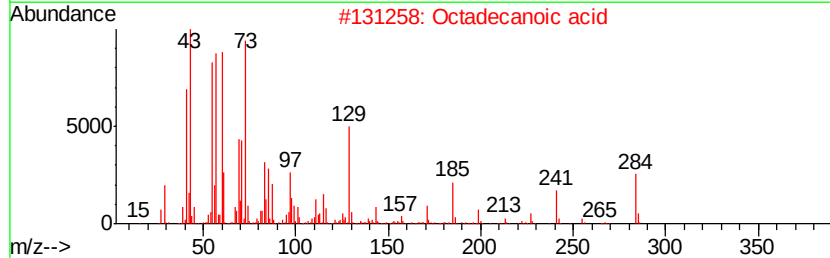
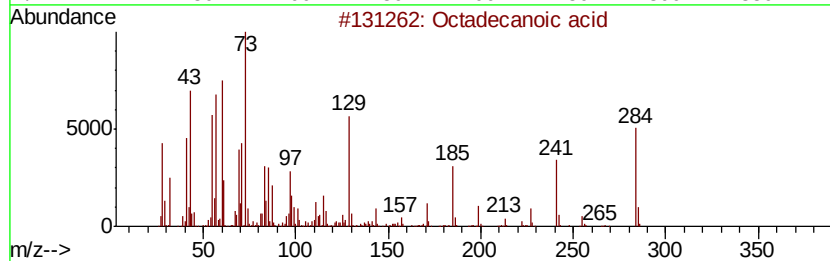
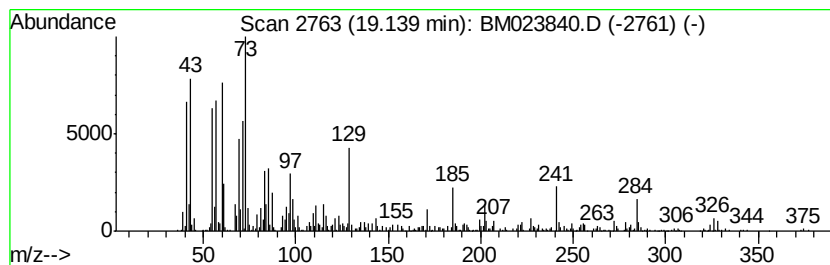
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	5.49 ng/ul	1177820	Chrysene-d12	21.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	99
3			Octadecanoic acid	284	C18H36O2	000057-11-4	95
4			Octadecanoic acid	284	C18H36O2	000057-11-4	95
5			Octadecanoic acid	284	C18H36O2	000057-11-4	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
Data File : BM023840.D
Acq On : 21 Nov 2019 21:43
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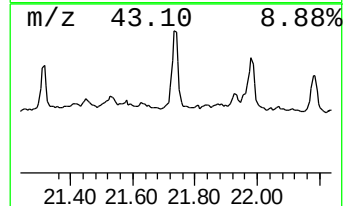
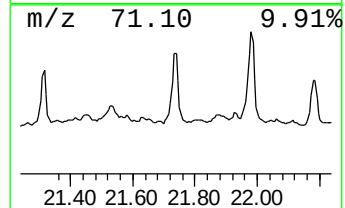
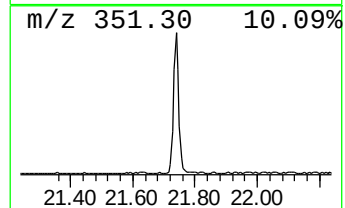
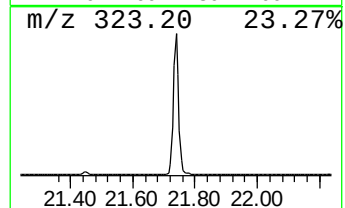
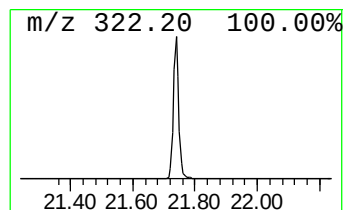
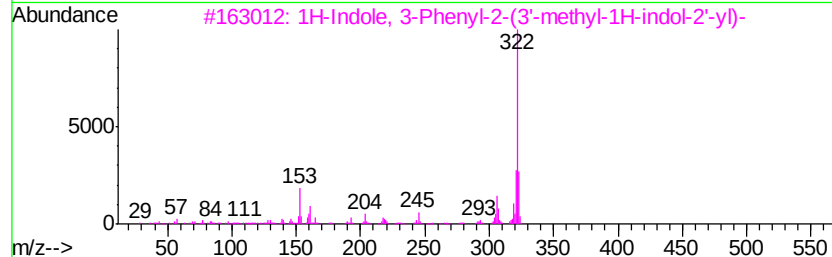
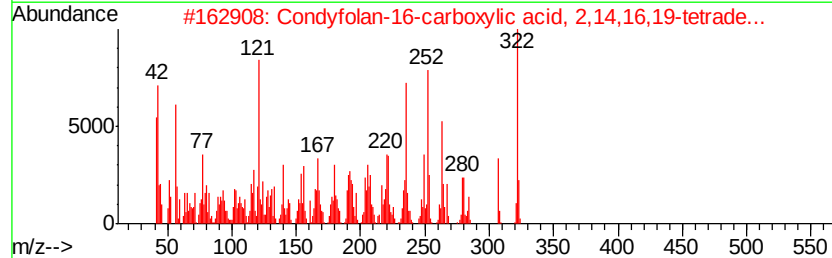
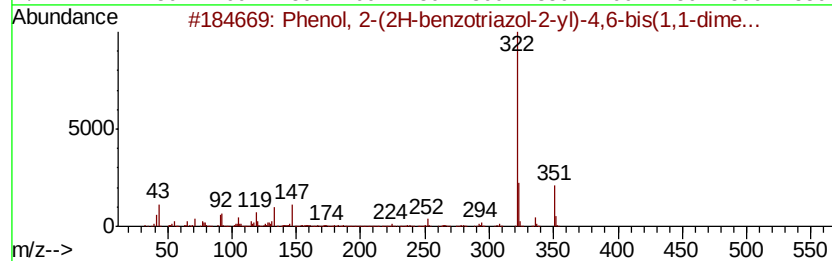
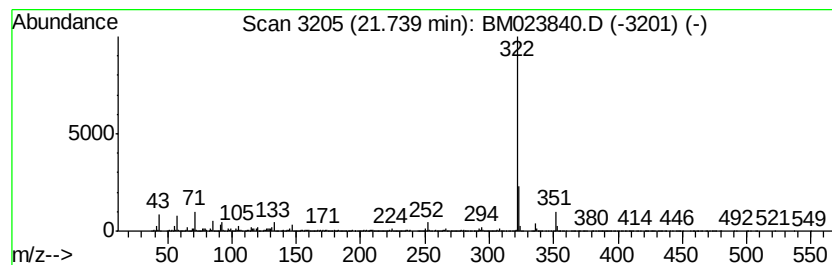
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Phenol, 2-(2H-benzotriazol-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.74	44.25 ng/ul	9493090	Chrysene-d12	21.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2-(2H-benzotriazol-2-yl)...	351	C22H29N3O	025973-55-1	78
2		Condyfolan-16-carboxylic acid, 2...	322	C20H22N2O2	004939-81-5	50
3		1H-Indole, 3-Phenyl-2-(3'-methyl...	322	C23H18N2	164936-86-1	38
4		Pyrazole-4-carboxylic acid, 3-(1...	322	C20H22N2O2	1000272-86-5	38
5		Silane, methyltriphenoxy-	322	C19H18O3Si	003439-97-2	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
Data File : BM023840.D
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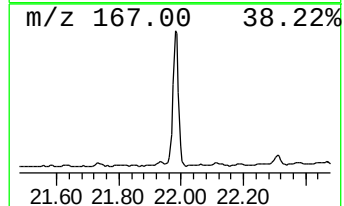
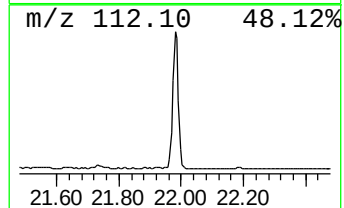
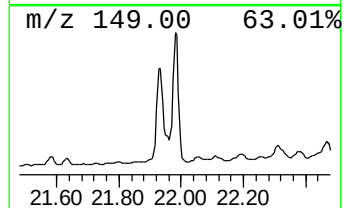
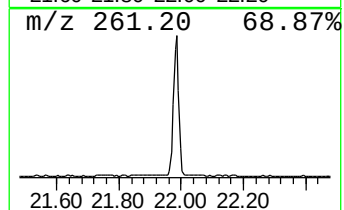
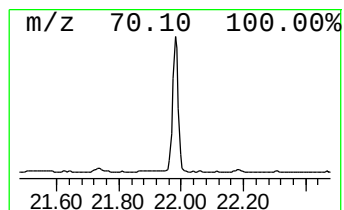
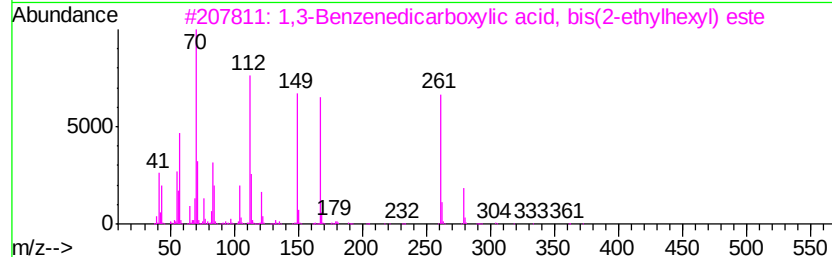
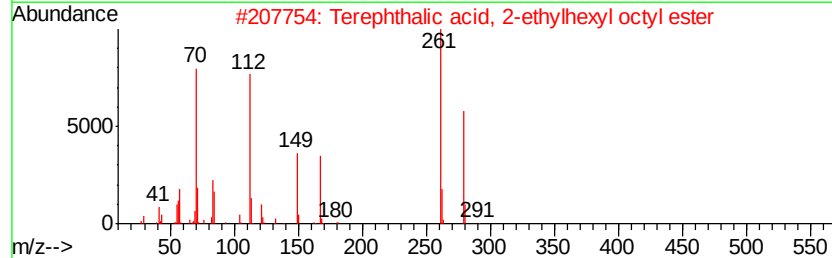
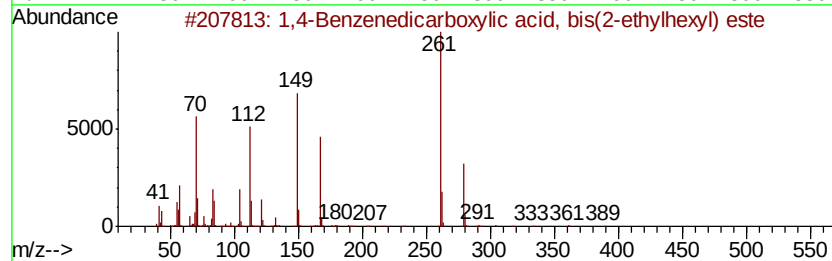
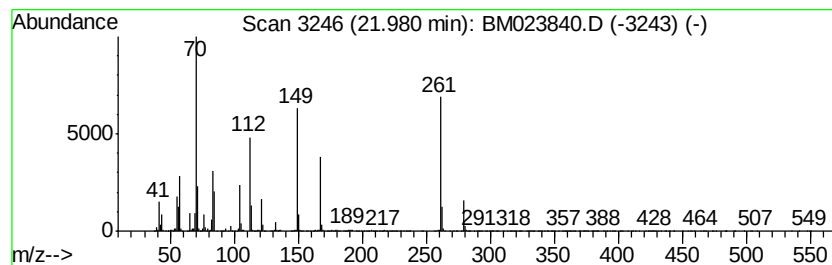
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 1,4-Benzenedicarboxylic aci... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.98	58.65 ng/ul	12581800	Chrysene-d12	21.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	91
2			Terephthalic acid, 2-ethylhexyl ...	390	C24H38O4	1000324-00-5	53
3			1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	52
4			Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	49
5			Terephthalic acid, 3-hexyl octyl...	362	C22H34O4	1000356-23-1	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
Data File : BM023840.D
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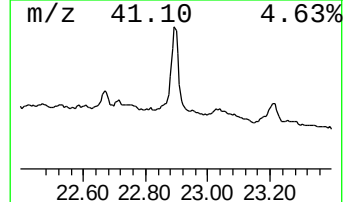
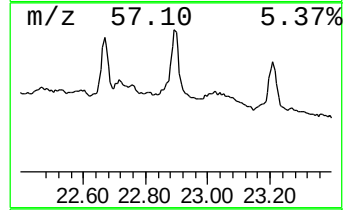
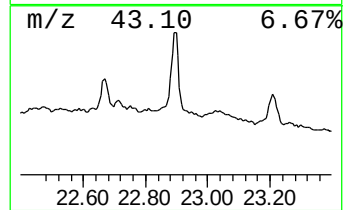
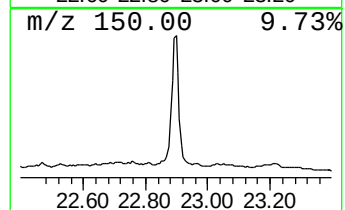
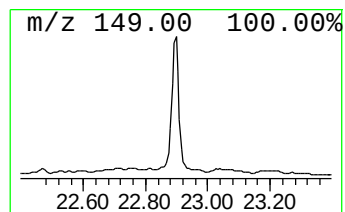
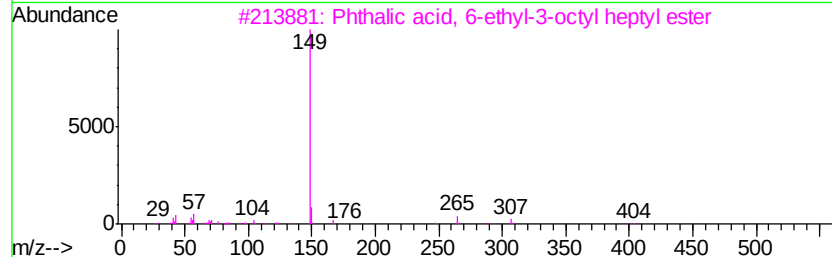
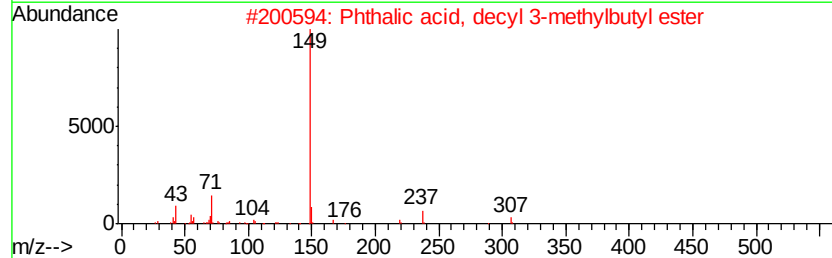
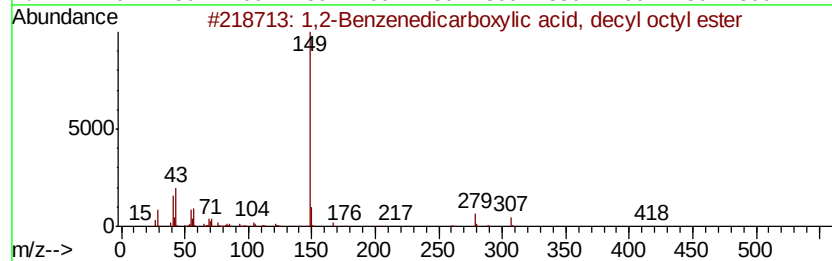
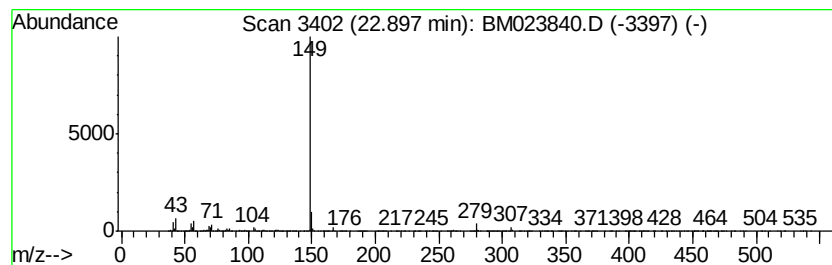
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 1,2-Benzenedicarboxylic aci... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.90	58.80 ng/ul	10417300	Perylene-d12	23.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2-Benzenedicarboxylic acid, de...	418	C26H42O4	000119-07-3	87
2		Phthalic acid, decyl 3-methylbut...	376	C23H36O4	1000356-81-1	86
3		Phthalic acid, 6-ethyl-3-octyl h...	404	C25H40O4	1000315-17-7	86
4		Di-n-octyl phthalate	390	C24H38O4	000117-84-0	86
5		Phthalic acid, 6-ethyl-3-octyl h...	390	C24H38O4	1000315-17-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
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Acq On : 21 Nov 2019 21:43
Operator : JU
Sample : K5851-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
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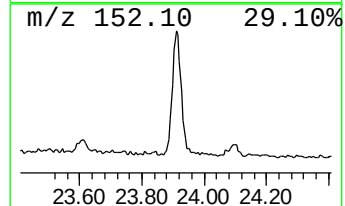
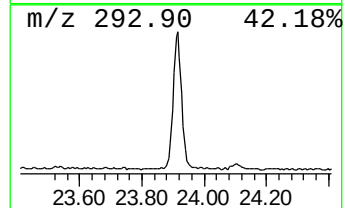
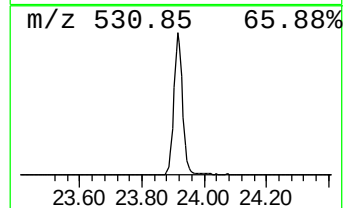
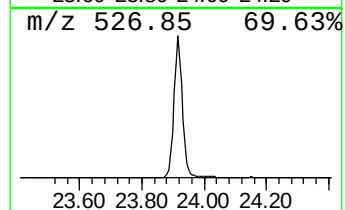
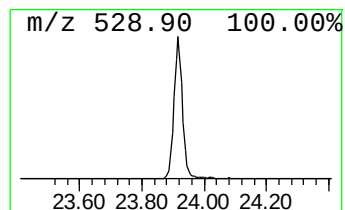
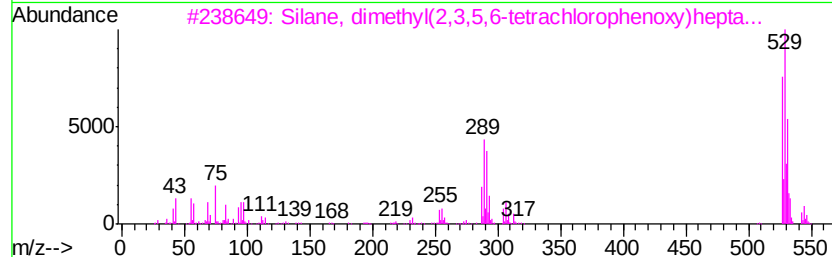
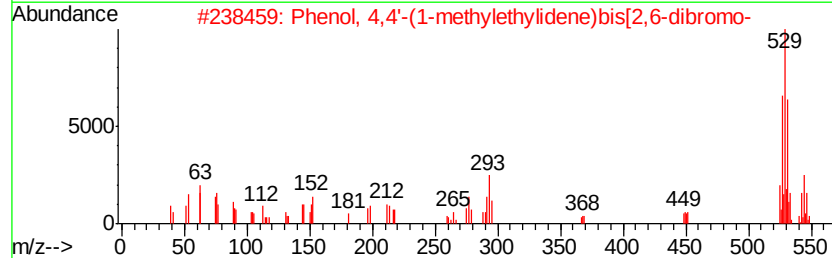
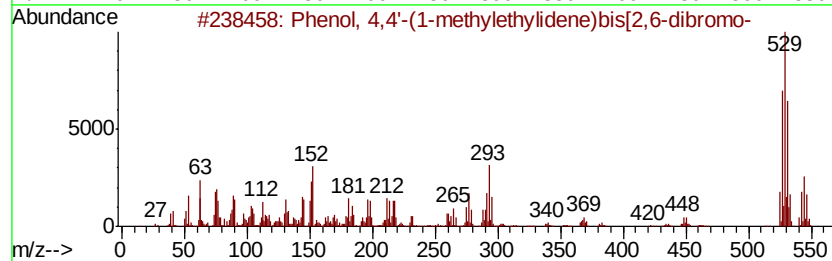
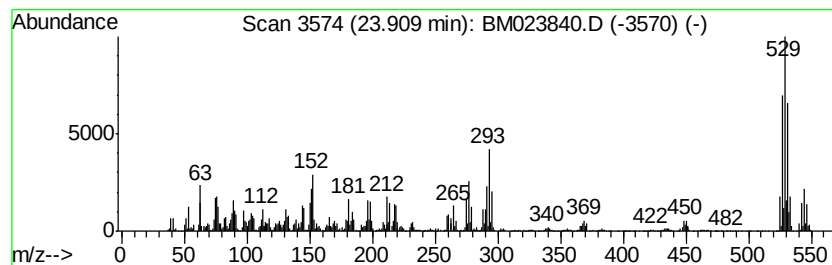
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Phenol, 4,4'-(1-methylethyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.91	39.34 ng/ul	6968570	Perylene-d12	23.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4,4'-(1-methylethylidene...	540	C15H12Br4O2	000079-94-7	99
2		Phenol, 4,4'-(1-methylethylidene...	540	C15H12Br4O2	000079-94-7	91
3		Silane, dimethyl(2,3,5,6-tetrach...	542	C25H42Cl4O2Si	1000347-53-8	37
4		Acetophenone, 2,4-bis(heptafluor...	544	C16H6F14O5	1000365-43-7	35
5		Acetophenone, 2,6-bis(heptafluor...	544	C16H6F14O5	1000365-29-2	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
Data File : BM023840.D
Acq On : 21 Nov 2019 21:43
Operator : JU
Sample : K5851-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB3

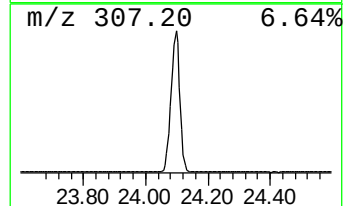
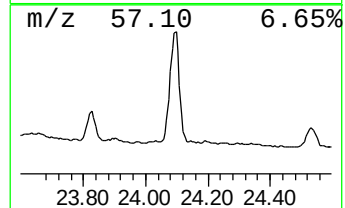
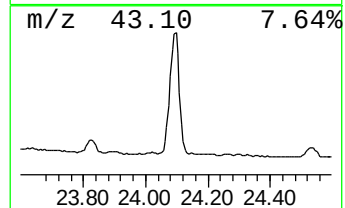
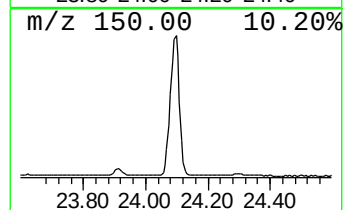
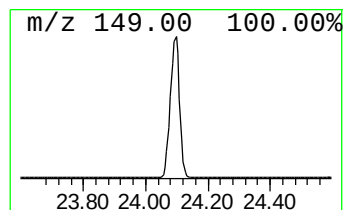
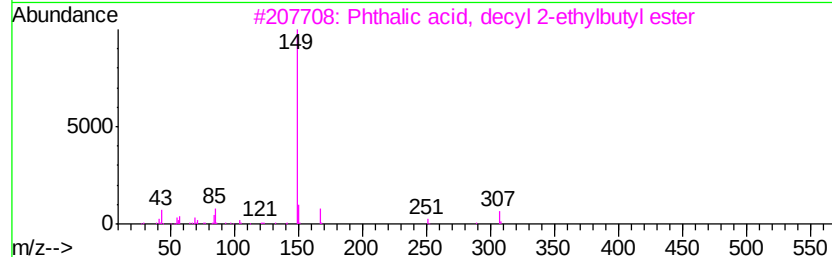
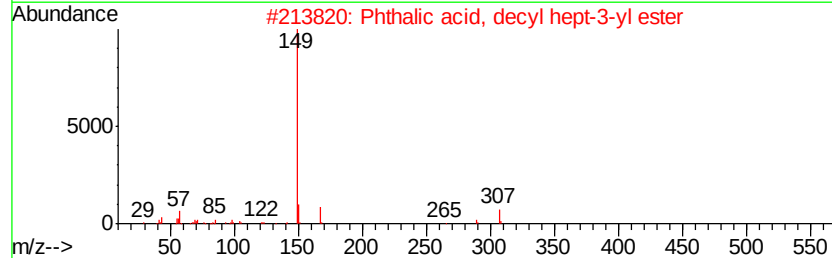
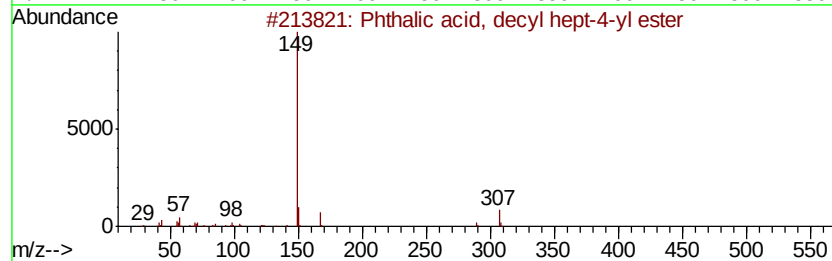
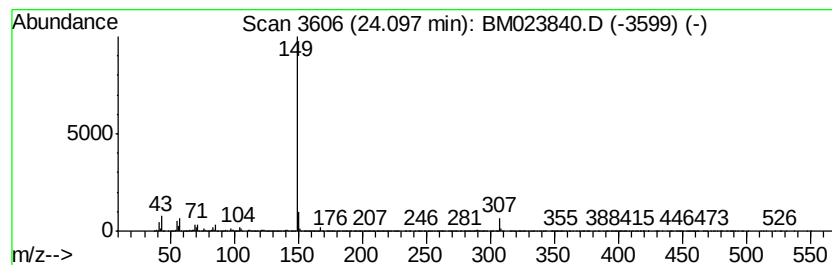
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 25 Phthalic acid, decyl hept-4... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.10	162.42 ng/ul	28775000	Perylene-d12	23.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, decyl hept-4-yl e...	404	C25H40O4	1000356-79-1	86
2		Phthalic acid, decyl hept-3-yl e...	404	C25H40O4	1000356-99-4	86
3		Phthalic acid, decyl 2-ethylbutyl...	390	C24H38O4	1000356-89-5	86
4		Phthalic acid, heptyl octyl ester	376	C23H36O4	088216-58-4	81
5		Phthalic acid, decyl 2-methylpen...	390	C24H38O4	1000356-91-5	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112119\
 Data File : BM023840.D
 Acq On : 21 Nov 2019 21:43
 Operator : JU
 Sample : K5851-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.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
Toluene	3.76	6.5	ng/ul	624754	1	7.51	1906780	20.0
Ethylbenzene	5.05	3.6	ng/ul	347686	1	7.51	1906780	20.0
p-Xylene	5.18	12.3	ng/ul	1168330	1	7.51	1906780	20.0
Styrene	5.52	14.5	ng/ul	1386690	1	7.51	1906780	20.0
Ethanol, 2-butoxy-	5.63	9.9	ng/ul	948470	1	7.51	1906780	20.0
Benzene, 1-ethyl-...	6.61	4.0	ng/ul	377917	1	7.51	1906780	20.0
Mesitylene	7.17	10.0	ng/ul	950934	1	7.51	1906780	20.0
Benzene, 1-etheny...	7.26	2.4	ng/ul	225650	1	7.51	1906780	20.0
2-Propanol, 1-(2-...	7.33	2.1	ng/ul	196694	1	7.51	1906780	20.0
Benzene, 1,3-diet...	8.15	3.1	ng/ul	299389	1	7.51	1906780	20.0
Benzene, 4-ethyl-...	8.61	3.7	ng/ul	356829	1	7.51	1906780	20.0
Tricyclo[5.2.1.0(...	11.69	2.2	ng/ul	315402	2	10.29	2923340	20.0
Ethanol, 2-[2-(2-...	13.74	2.7	ng/ul	525473	3	14.17	3903130	20.0
Tetrahydrofuran, ...	15.00	2.5	ng/ul	490676	3	14.17	3903130	20.0
2-Propanol, 1-chl...	16.70	11.1	ng/ul	2415200	4	16.92	4346560	20.0
unknown-01	16.81	3.5	ng/ul	760408	4	16.92	4346560	20.0
n-Hexadecanoic acid	17.85	8.5	ng/ul	1844100	4	16.92	4346560	20.0
unknown-02	17.97	4.8	ng/ul	1035410	4	16.92	4346560	20.0
Drometrizole	18.87	5.5	ng/ul	1199570	4	16.92	4346560	20.0
Octadecanoic acid	19.14	5.5	ng/ul	1177820	5	21.13	4290280	20.0
Phenol, 2-(2H-ben...	21.74	44.3	ng/ul	9493090	5	21.13	4290280	20.0
1,4-Benzenedicarb...	21.98	58.6	ng/ul	12581800	5	21.13	4290280	20.0
1,2-Benzenedicarb...	22.90	58.8	ng/ul	10417300	6	23.29	3543190	20.0
Phenol, 4,4'-(1-m...	23.91	39.3	ng/ul	6968570	6	23.29	3543190	20.0
Phthalic acid, de...	24.10	162.4	ng/ul	28775000	6	23.29	3543190	20.0