

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062518\
 Data File : BM015748.D
 Acq On : 25 Jun 2018 14:01
 Operator : SJ/JU
 Sample : J3569-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DAXR5

Integration Parameters: LSCINT.P

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

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.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	3.540	38	43	56	rVB2	20055	35942	1.18%	0.103%
2	7.463	704	710	730	rVB	485517	868262	28.61%	2.485%
3	7.634	732	739	753	rVV	371341	577289	19.02%	1.652%
4	7.840	768	774	787	rBV	501417	837491	27.60%	2.397%
5	8.316	849	855	870	rBV	489440	828419	27.30%	2.371%
6	8.857	942	947	957	rVB	19863	30650	1.01%	0.088%
7	8.945	957	962	969	rBV2	51269	88328	2.91%	0.253%
8	9.028	970	976	987	rVV	614278	1016539	33.50%	2.909%
9	9.263	1011	1016	1021	rBV	30706	46775	1.54%	0.134%
10	9.322	1021	1026	1032	rVB	36170	54719	1.80%	0.157%
11	9.416	1035	1042	1049	rBV	90432	142116	4.68%	0.407%
12	9.504	1049	1057	1068	rBV	495214	852082	28.08%	2.438%
13	9.951	1126	1133	1137	rBV	87008	136170	4.49%	0.390%
14	10.010	1137	1143	1151	rVB	140163	225019	7.42%	0.644%
15	10.228	1170	1180	1191	rBV	414667	756262	24.92%	2.164%
16	10.316	1191	1195	1201	rVB	32426	49814	1.64%	0.143%
17	10.381	1201	1206	1214	rVB3	24789	46393	1.53%	0.133%
18	10.534	1227	1232	1237	rVB2	78427	125872	4.15%	0.360%
19	10.586	1237	1241	1247	rVB2	33132	51361	1.69%	0.147%
20	10.763	1265	1271	1279	rBV	624374	1102411	36.33%	3.155%
21	10.822	1279	1281	1287	rVB	37431	45338	1.49%	0.130%
22	11.145	1329	1336	1342	rBV	702647	1210745	39.90%	3.465%
23	11.192	1342	1344	1353	rVB2	42528	65771	2.17%	0.188%
24	11.286	1353	1360	1378	rBV	629830	1126516	37.12%	3.224%
25	14.333	1872	1878	1882	rBV	1247170	1666052	54.91%	4.768%
26	14.380	1882	1886	1895	rVB	511830	703019	23.17%	2.012%
27	14.633	1922	1929	1938	rBV	1289294	1904628	62.77%	5.450%
28	14.786	1949	1955	1960	rVB	38778	49493	1.63%	0.142%
29	14.939	1974	1981	1991	rVB2	949722	1497788	49.36%	4.286%
30	15.133	2009	2014	2025	rBV	204918	400458	13.20%	1.146%
31	15.727	2111	2115	2120	rVB	70598	86943	2.87%	0.249%
32	15.921	2141	2148	2159	rBV	1703245	2427157	79.99%	6.946%
33	16.051	2165	2170	2177	rBV	238122	358987	11.83%	1.027%
34	16.580	2255	2260	2266	rBV	71725	108964	3.59%	0.312%

LSC Area Percent Report

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Integration Parameters: LSCINT.P

Integrator: RTE
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Sampling : 1
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Max Peaks: 100
Peak Location: TOP

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

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35	17.039	2332	2338	2343	rVB4	18445	32082	1.06%	0.092%
36	17.363	2386	2393	2398	rBV	41563	53262	1.76%	0.152%
37	17.663	2437	2444	2454	rBV2	1217230	1773883	58.46%	5.076%
38	17.757	2454	2460	2470	rBV	1838731	2603914	85.81%	7.451%
39	18.498	2581	2586	2597	rBV	381573	515683	16.99%	1.476%
40	19.745	2794	2798	2805	rBV	145059	186449	6.14%	0.534%
41	20.009	2838	2843	2851	rBV	2173502	3034423	100.00%	8.683%
42	21.427	3080	3084	3097	rBV	401763	583968	19.24%	1.671%
43	21.768	3137	3142	3148	rBV	1592051	2035043	67.07%	5.824%
44	24.021	3518	3525	3536	rVB	1430338	2780438	91.63%	7.957%
45	24.174	3544	3551	3560	rVB	916360	1822259	60.05%	5.215%

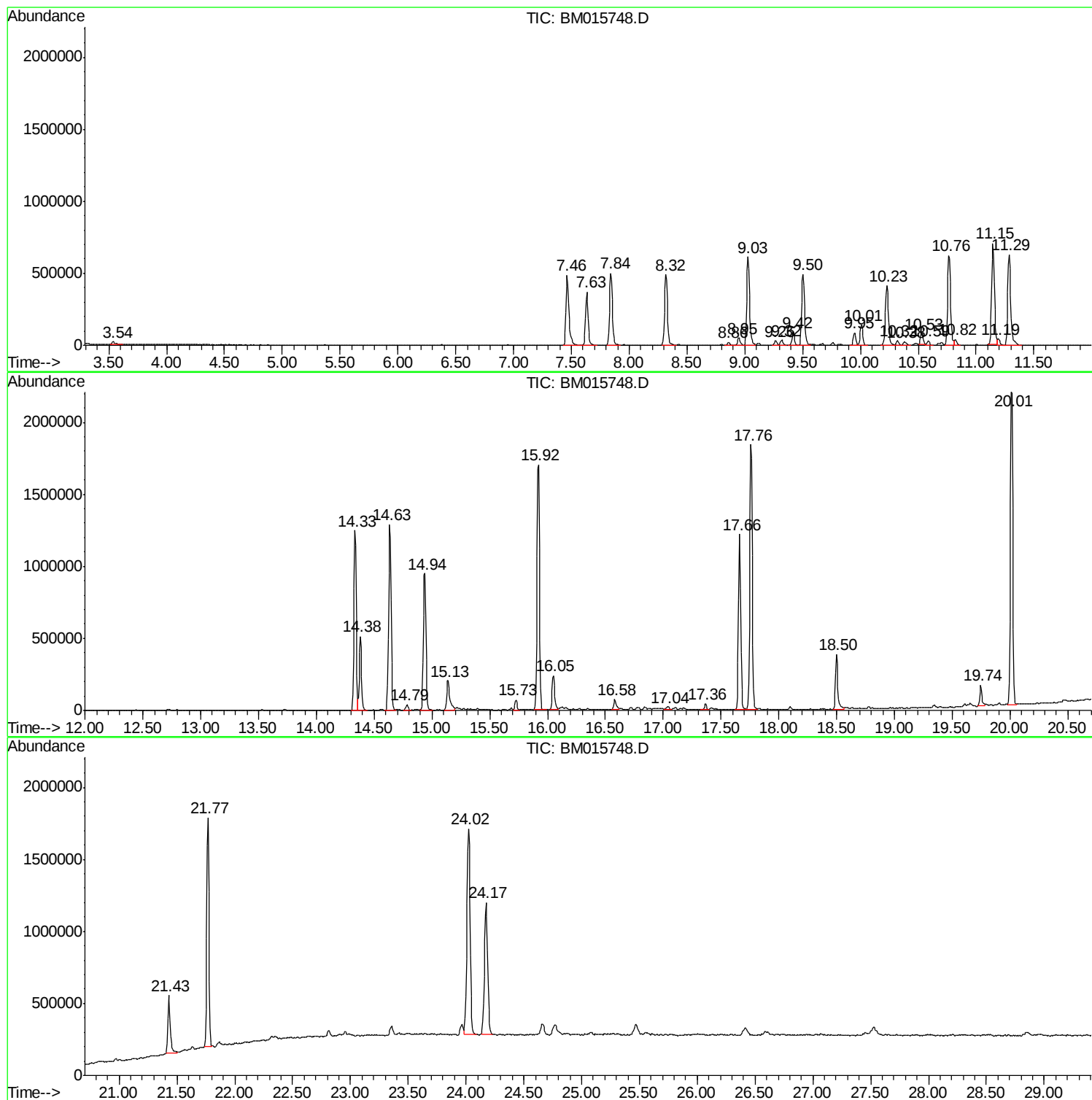
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

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



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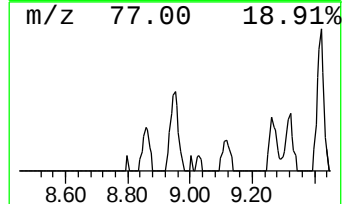
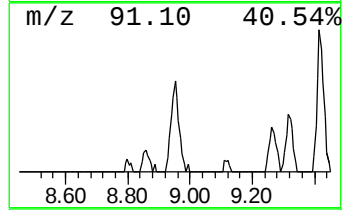
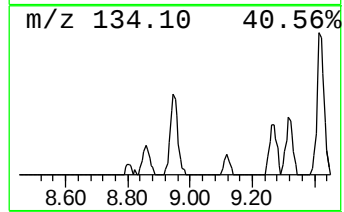
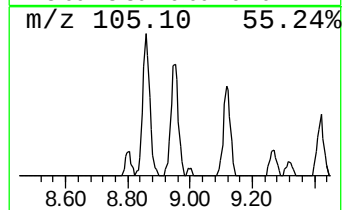
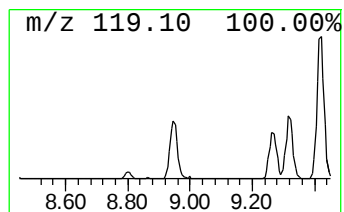
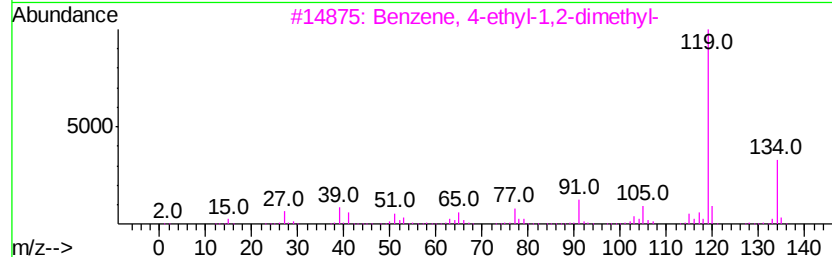
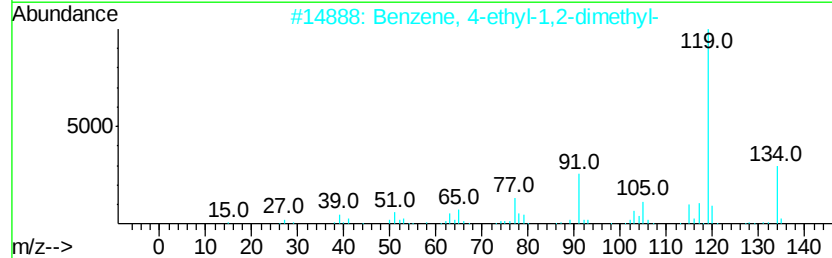
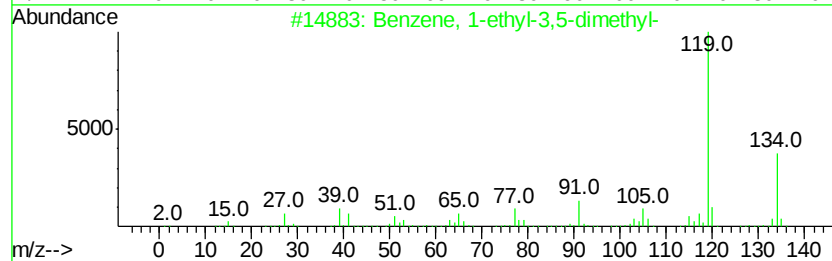
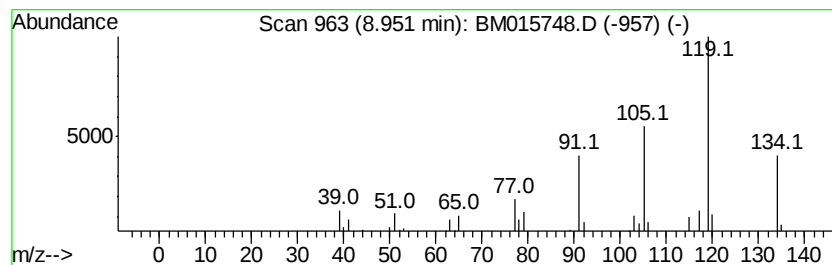
Instrument :
BNA_M
ClientSampleId :
DAXR5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.95	2.13 ng/ul	88328	1,4-Dichlorobenzene-d4	8.32		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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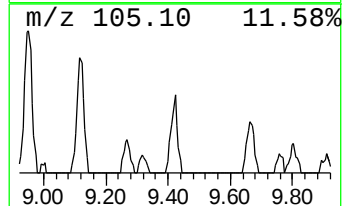
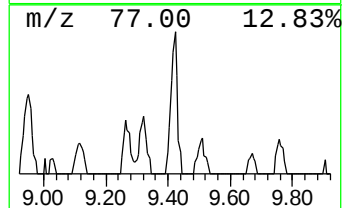
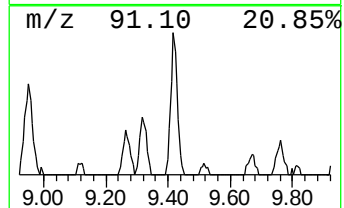
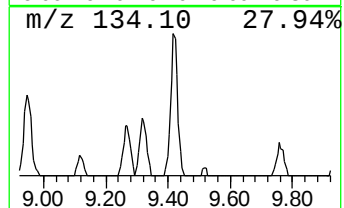
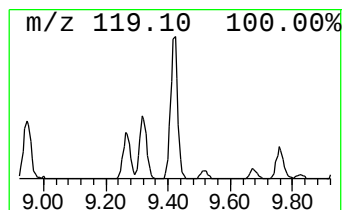
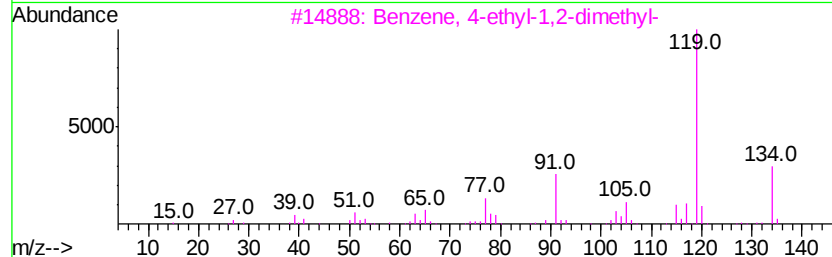
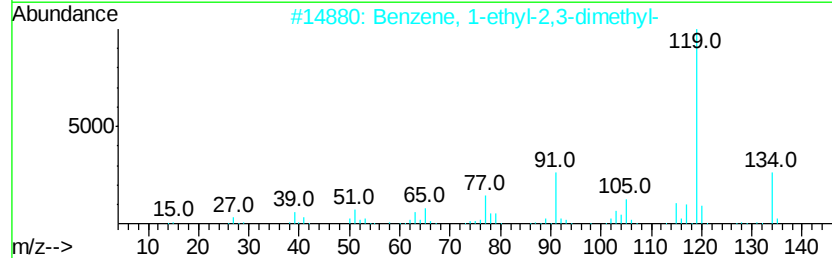
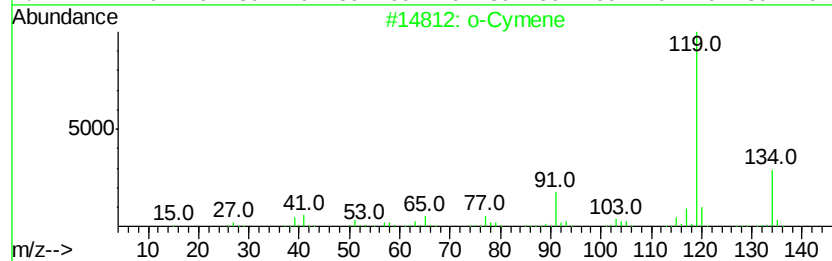
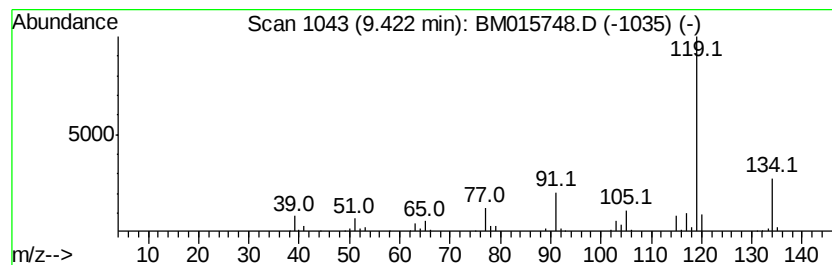
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	3.43 ng/ul	142116	1,4-Dichlorobenzene-d4	8.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	97
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
4		o-Cymene	134	C10H14	000527-84-4	94
5		p-Cymene	134	C10H14	000099-87-6	94



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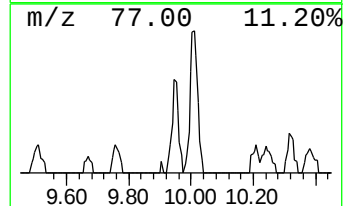
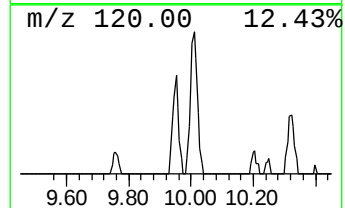
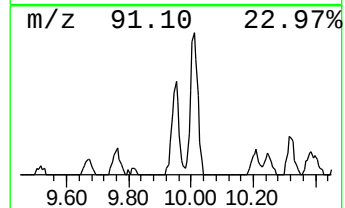
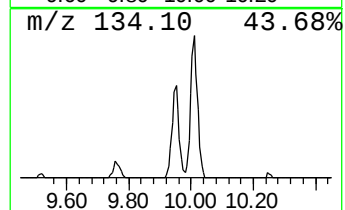
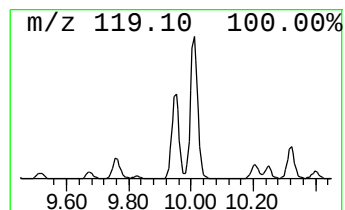
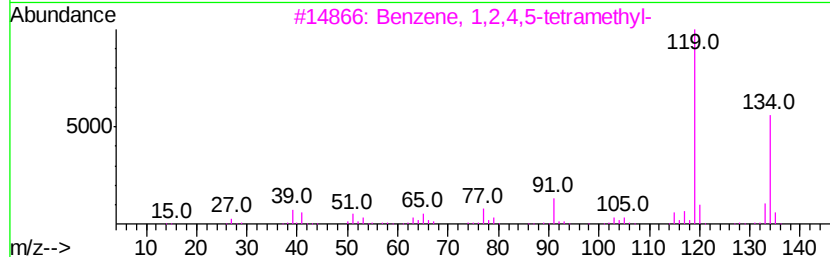
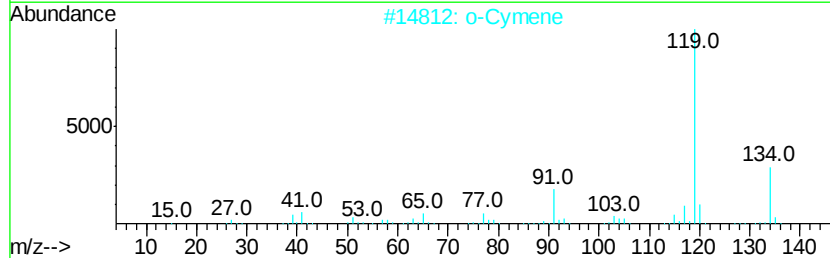
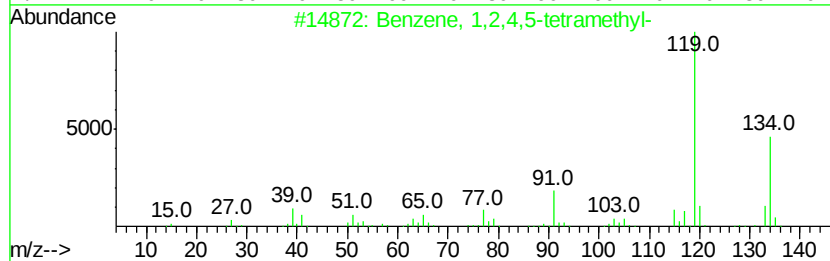
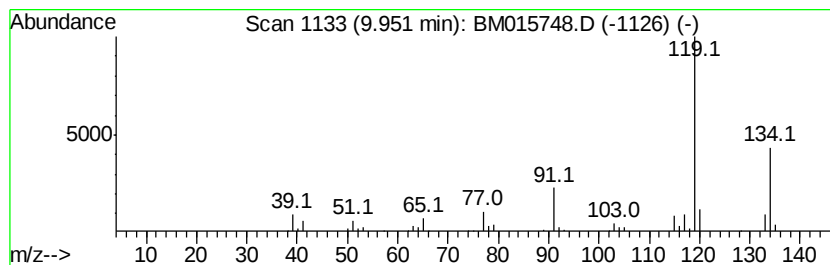
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	2.25 ng/ul	136170	Napthalene-d8	11.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene,	1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95	
2	o-Cymene		134	C10H14	000527-84-4	94	
3	Benzene,	1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94	
4	Benzene,	1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93	
5	o-Cymene		134	C10H14	000527-84-4	93	



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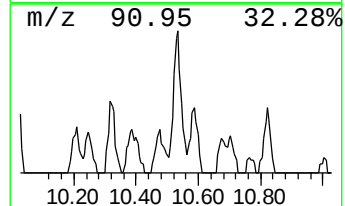
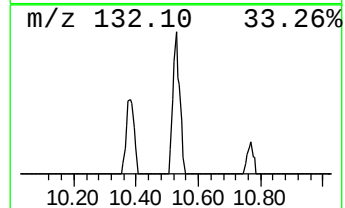
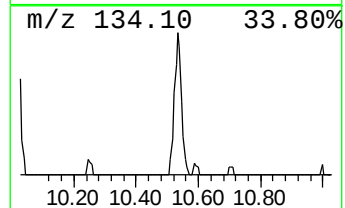
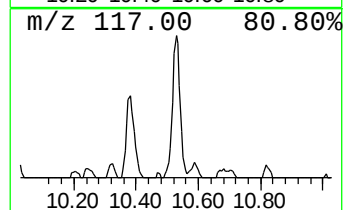
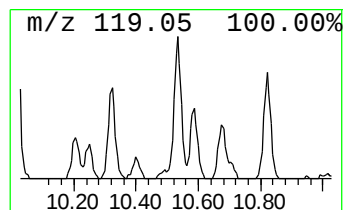
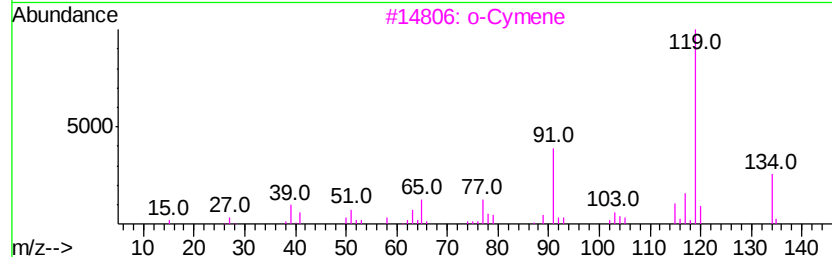
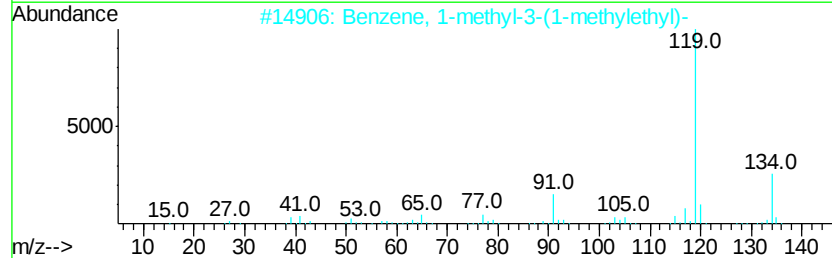
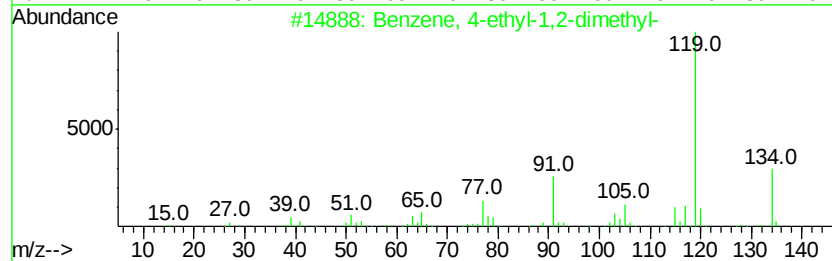
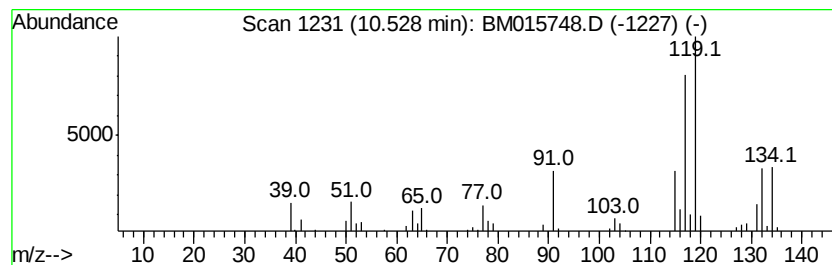
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	2.08 ng/ul	125872	Napthalene-d8	11.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
2		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	60
3		o-Cymene	134	C10H14	000527-84-4	60
4		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	56
5		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	55



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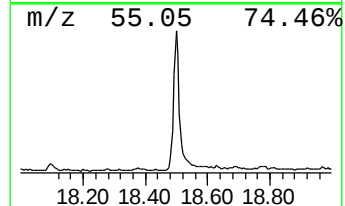
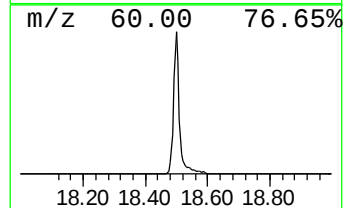
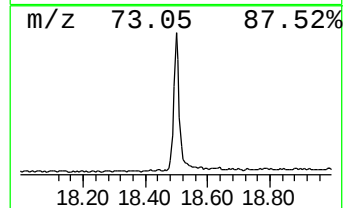
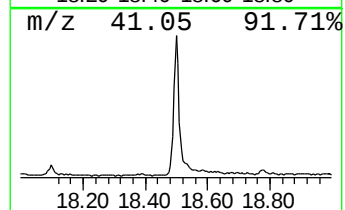
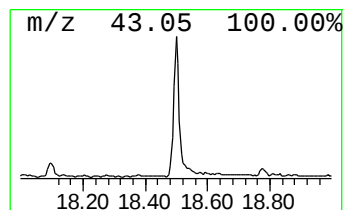
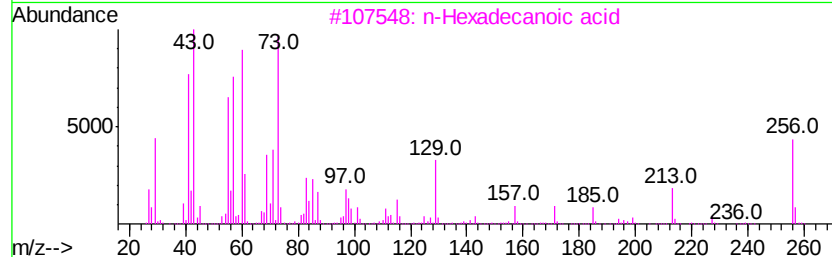
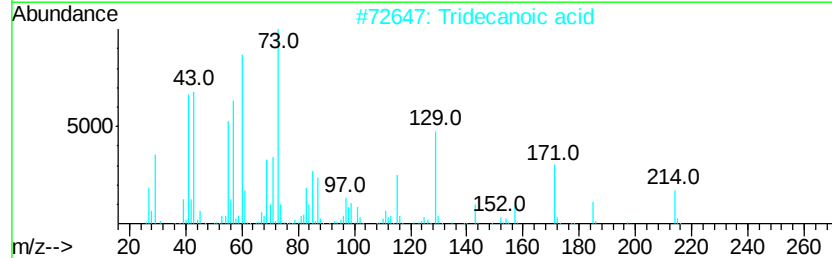
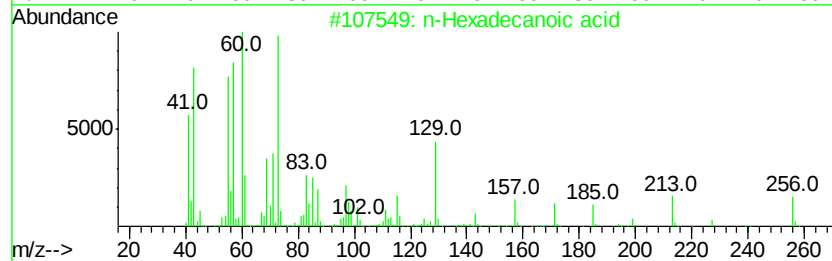
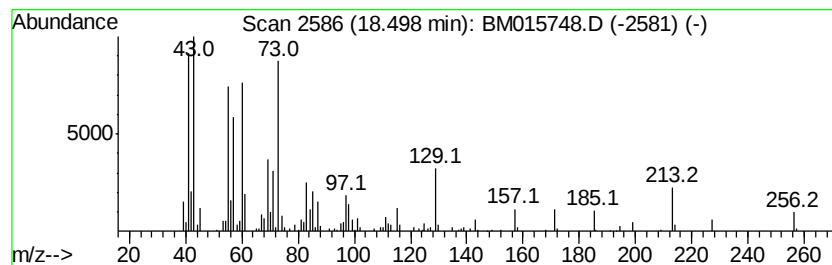
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.50	5.81 ng/ul	515683	Phenanthrene-d10		17.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	93
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062518\
Data File : BM015748.D
Acq On : 25 Jun 2018 14:01
Operator : SJ/JU
Sample : J3569-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DAXR5

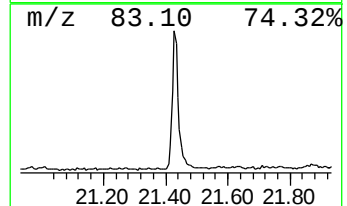
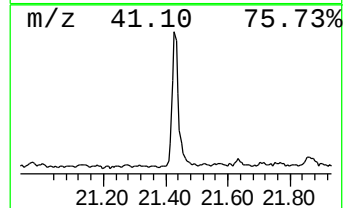
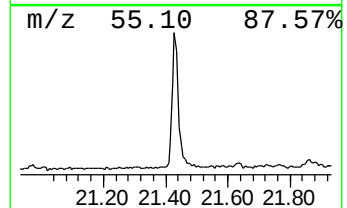
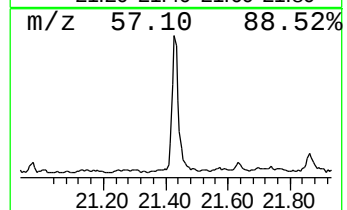
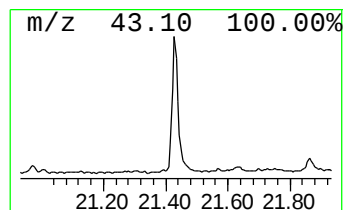
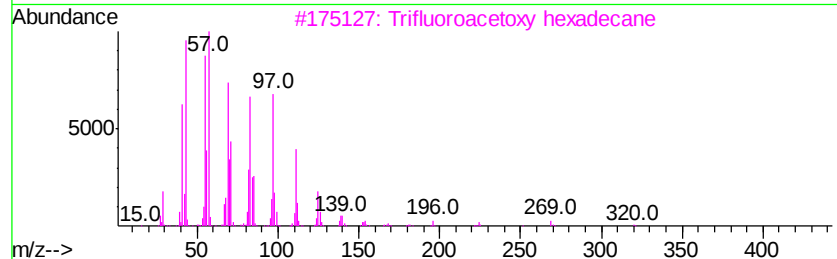
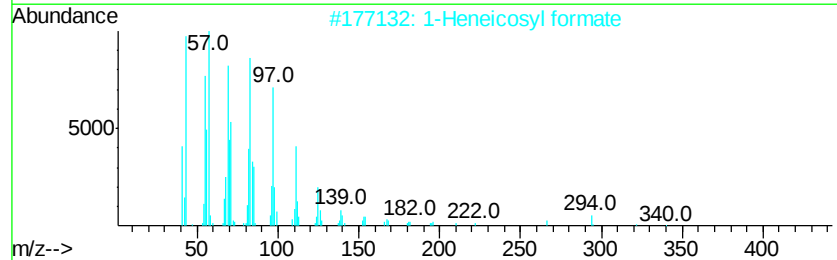
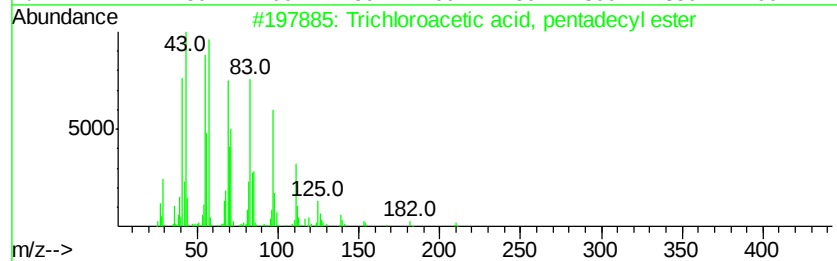
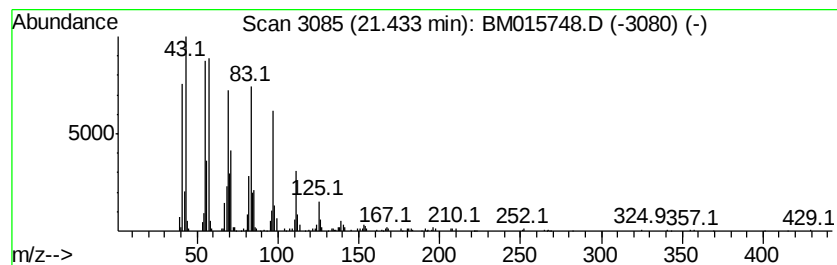
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Trichloroacetic acid, penta... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.43	5.74 ng/ul	583968	Chrysene-d12	21.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062518\
Data File : BM015748.D
Acq On : 25 Jun 2018 14:01
Operator : SJ/JU
Sample : J3569-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DAXR5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.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-ethyl-...	8.95	2.1	ng/ul	88328	1	8.32	828419	20.0
o-Cymene	9.42	3.4	ng/ul	142116	1	8.32	828419	20.0
Benzene, 1,2,4,5-...	9.95	2.3	ng/ul	136170	2	11.15	1210750	20.0
Benzene, 4-ethyl-...	10.53	2.1	ng/ul	125872	2	11.15	1210750	20.0
n-Hexadecanoic acid	18.50	5.8	ng/ul	515683	4	17.66	1773880	20.0
Trichloroacetic a...	21.43	5.7	ng/ul	583968	5	21.77	2035040	20.0