

Data Path : Z:\HPCHEM1\BNA M\DATA\BM043017\
 Data File : BM009829.D
 Acq On : 01 May 2017 01:30
 Operator : SJ/MA
 Sample : I2849-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSW7

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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.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	6.993	651	664	676	rVB	991722	1842005	26.59%	3.130%
2	7.151	685	691	698	rBV	642413	977134	14.11%	1.660%
3	7.351	717	725	731	rBV	941984	1518885	21.93%	2.581%
4	7.816	798	804	811	rBV	899790	1405680	20.29%	2.388%
5	7.934	818	824	829	rVB2	136869	231979	3.35%	0.394%
6	8.016	832	838	844	rVB2	239525	357245	5.16%	0.607%
7	8.528	916	925	933	rBV	1092680	1795971	25.93%	3.052%
8	8.987	995	1003	1010	rBV	925012	1650564	23.83%	2.805%
9	9.698	1119	1124	1131	rVB	754230	1276107	18.42%	2.168%
10	10.240	1209	1216	1224	rBV	1142002	1939133	28.00%	3.295%
11	10.504	1256	1261	1265	rBV	151061	252177	3.64%	0.428%
12	10.616	1272	1280	1284	rBV	1159525	1989125	28.72%	3.380%
13	10.663	1284	1288	1295	rVB2	360452	564798	8.15%	0.960%
14	10.763	1295	1305	1318	rVB2	187053	430142	6.21%	0.731%
15	12.351	1569	1575	1581	rBV2	135854	230203	3.32%	0.391%
16	13.875	1829	1834	1838	rBV	1888078	2621530	37.85%	4.454%
17	13.916	1838	1841	1848	rVB	397144	526649	7.60%	0.895%
18	14.157	1875	1882	1892	rBV	2359304	3705962	53.51%	6.297%
19	14.333	1907	1912	1917	rVB	174730	241301	3.48%	0.410%
20	14.463	1927	1934	1941	rBV3	1719090	2727278	39.38%	4.634%
21	14.692	1964	1973	1982	rBV	868030	1514945	21.87%	2.574%
22	14.980	2018	2022	2032	rVB	175646	310471	4.48%	0.528%
23	15.286	2070	2074	2080	rVB	244275	312134	4.51%	0.530%
24	15.463	2098	2104	2109	rBV	2873392	4134281	59.69%	7.025%
25	15.598	2123	2127	2135	rBV3	185766	338858	4.89%	0.576%
26	16.151	2217	2221	2223	rBV	312581	419574	6.06%	0.713%
27	16.945	2353	2356	2360	rBV	276669	345643	4.99%	0.587%
28	17.216	2397	2402	2407	rBV2	2153442	3115799	44.99%	5.294%
29	17.316	2414	2419	2426	rBV	3111637	4314267	62.29%	7.330%
30	18.098	2549	2552	2556	rBV4	702412	868177	12.53%	1.475%
31	18.492	2616	2619	2622	rVB2	464348	543507	7.85%	0.923%
32	19.327	2756	2761	2765	rBV	4477531	5668685	81.84%	9.632%
33	19.615	2807	2810	2814	rBV	2932284	3757422	54.25%	6.384%
34	21.298	3093	3096	3101	rVB	6112236	6926305	100.00%	11.769%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

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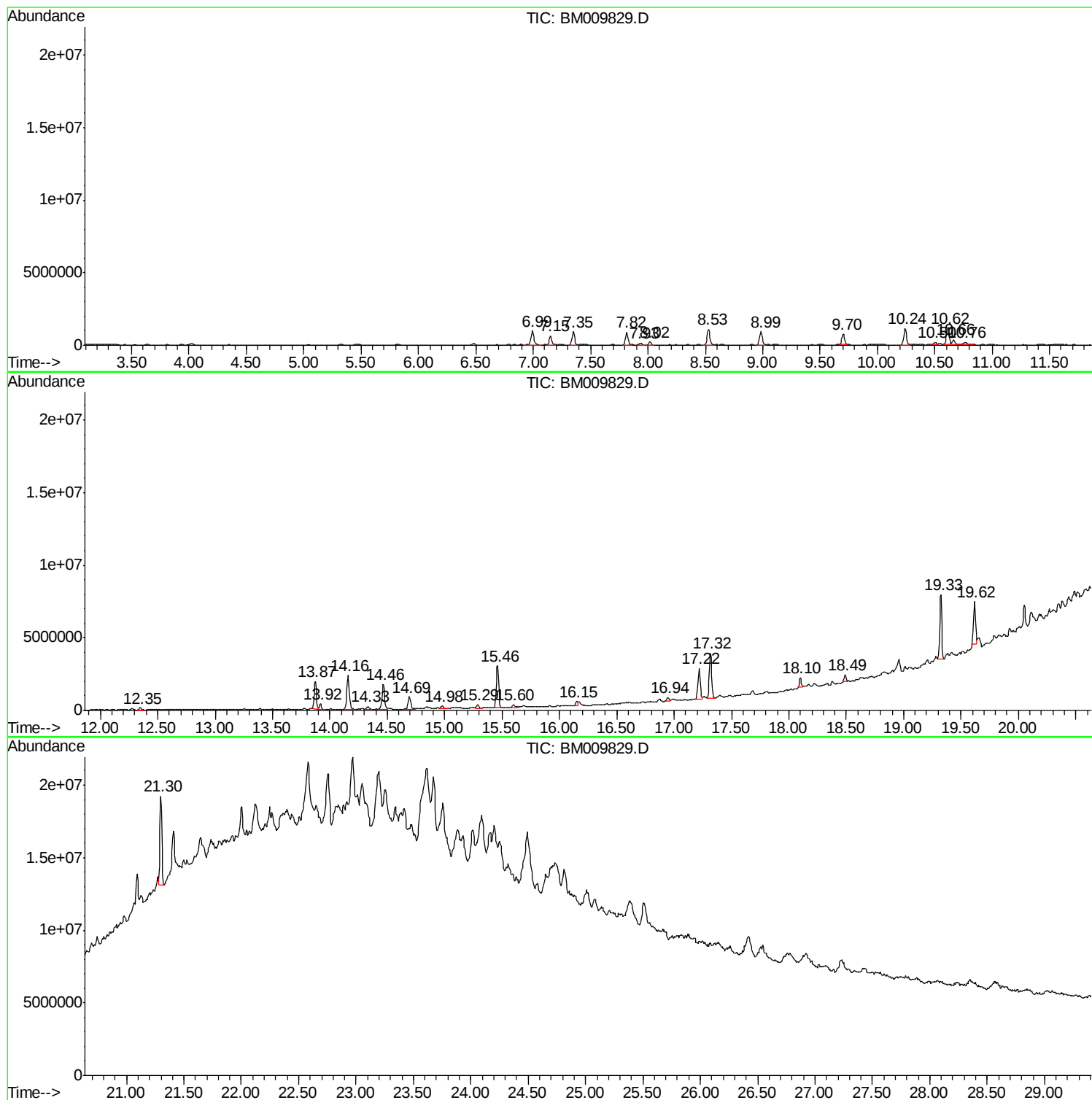
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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



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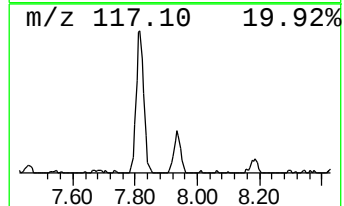
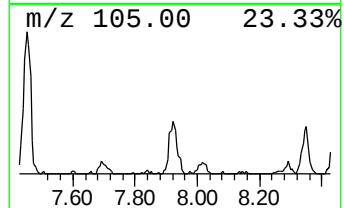
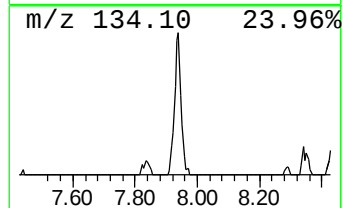
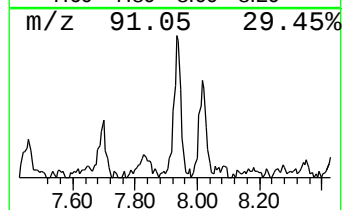
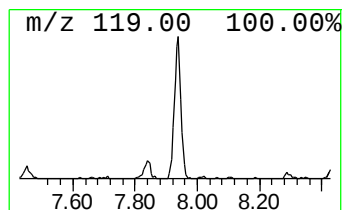
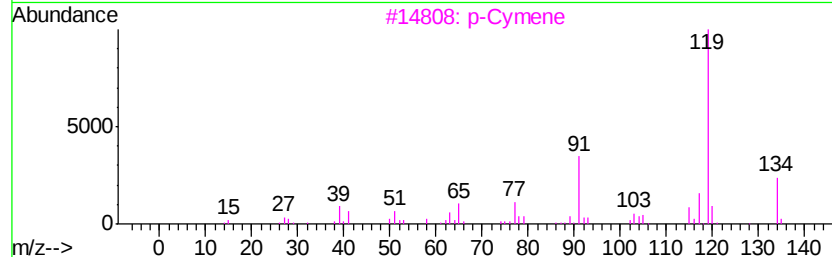
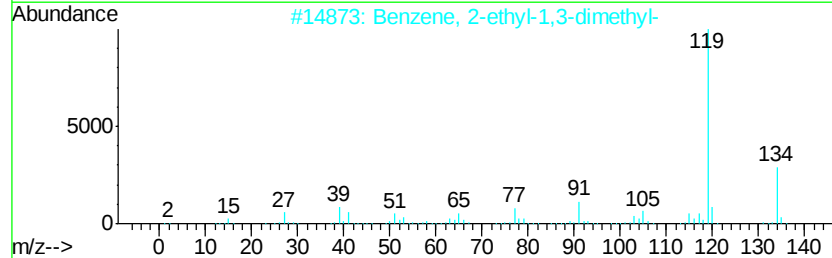
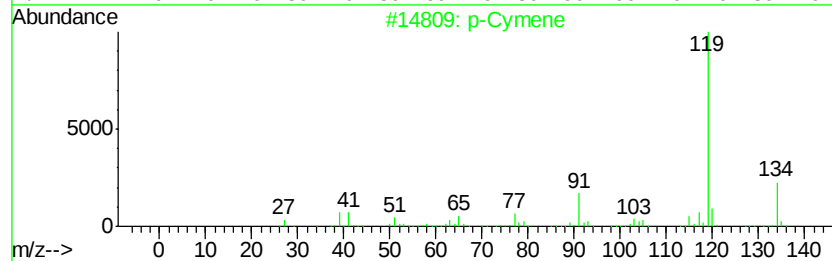
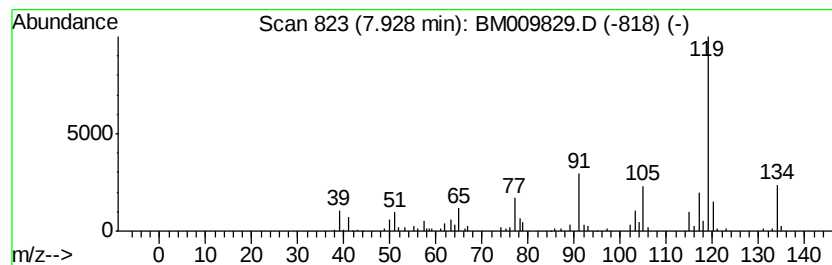
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 p-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	3.30 ng/ul	231979	1,4-Dichlorobenzene-d4	7.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	93
2			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
3			p-Cymene	134	C10H14	000099-87-6	91
4			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	90
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90



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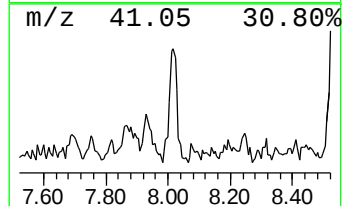
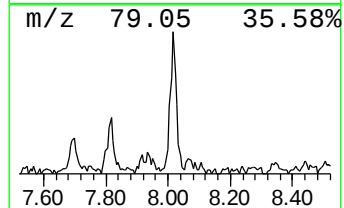
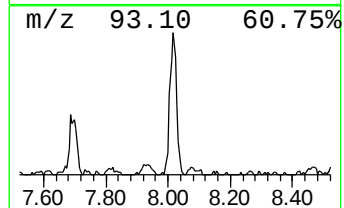
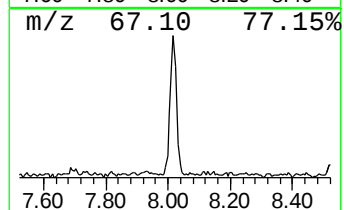
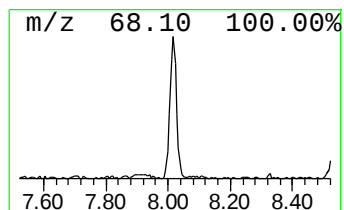
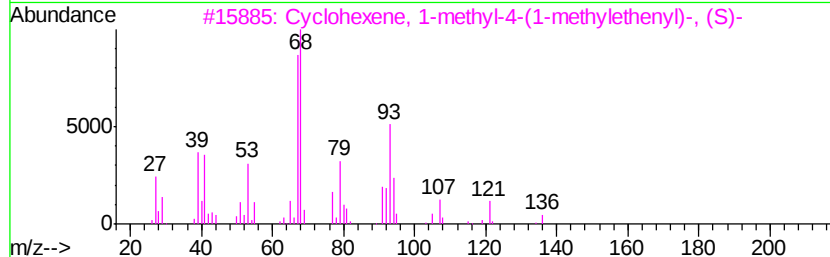
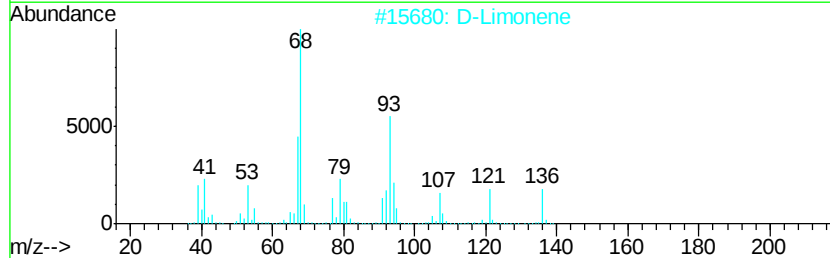
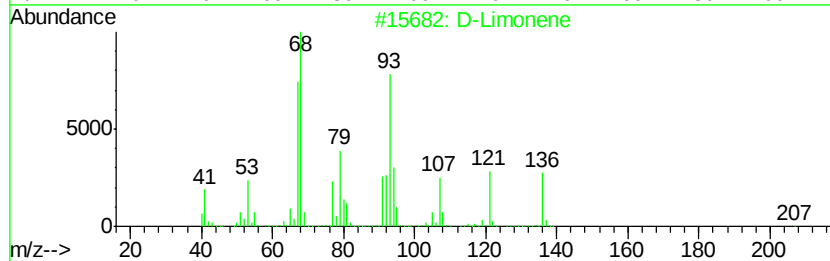
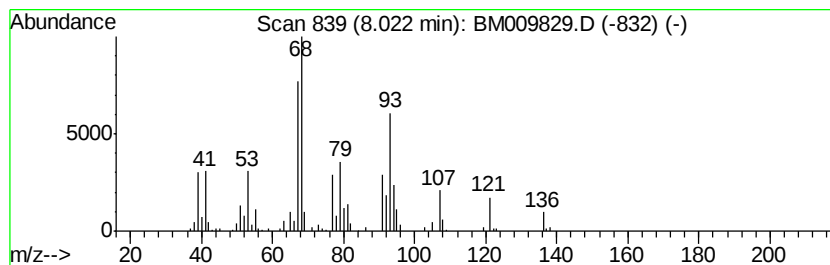
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 D-Limonene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	5.08 ng/ul	357245	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Limonene	136	C10H16	005989-27-5	97
2		D-Limonene	136	C10H16	005989-27-5	93
3		Cyclohexene, 1-methyl-4-(1-methyl...	136	C10H16	005989-54-8	91
4		D-Limonene	136	C10H16	005989-27-5	90
5		Limonene	136	C10H16	000138-86-3	90



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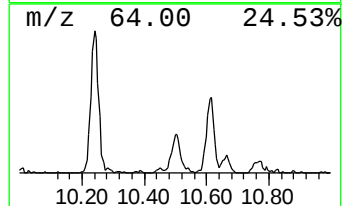
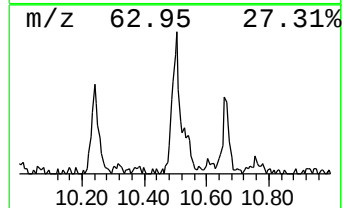
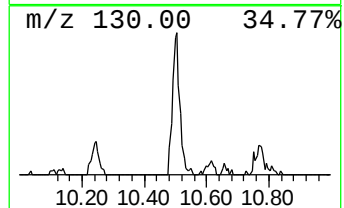
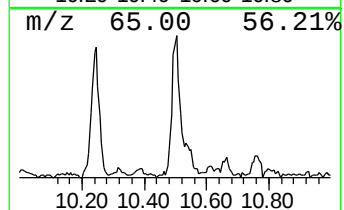
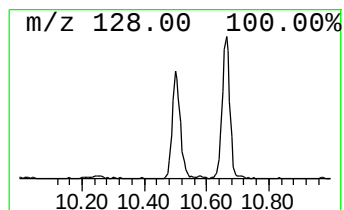
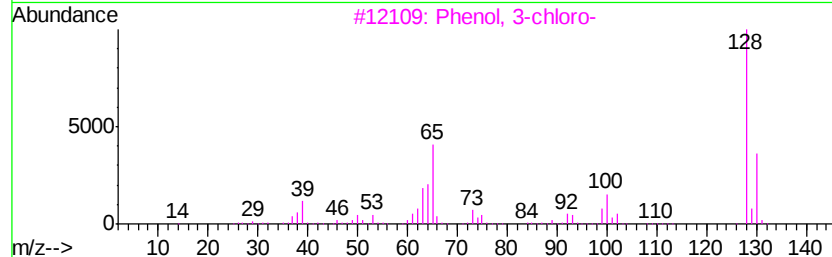
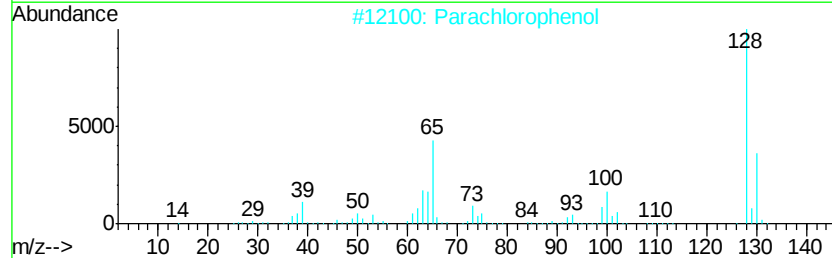
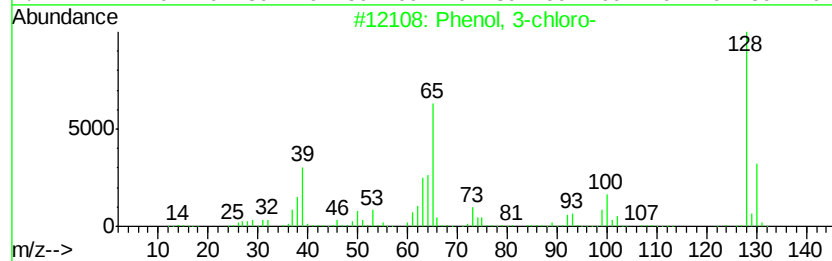
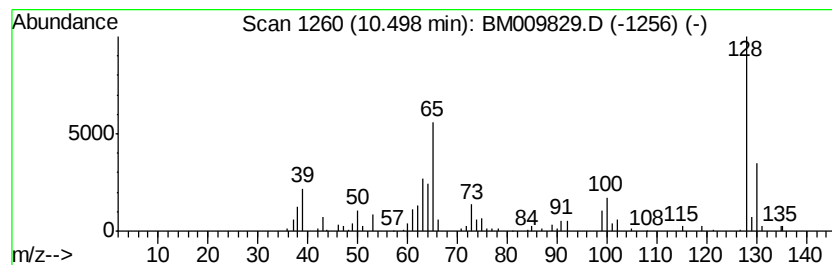
Instrument :
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Phenol, 3-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	2.54 ng/ul	252177	Naphthalene-d8	10.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Phenol, 3-chloro-	128 C6H5ClO	000108-43-0	98
2	Parachlorophenol	128 C6H5ClO	000106-48-9	96
3	Phenol, 3-chloro-	128 C6H5ClO	000108-43-0	95
4	Parachlorophenol	128 C6H5ClO	000106-48-9	94
5	Parachlorophenol	128 C6H5ClO	000106-48-9	94



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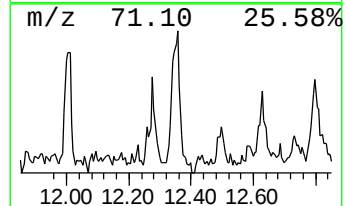
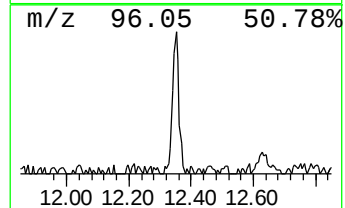
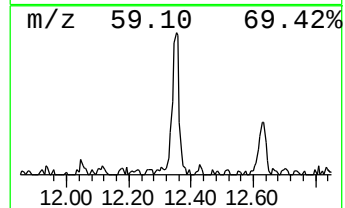
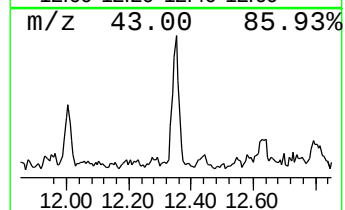
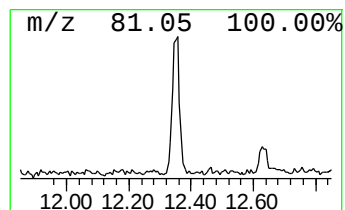
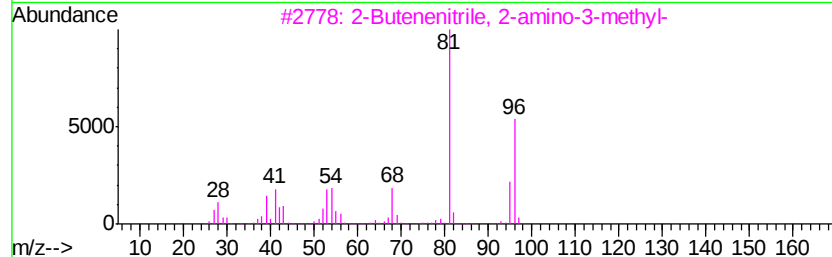
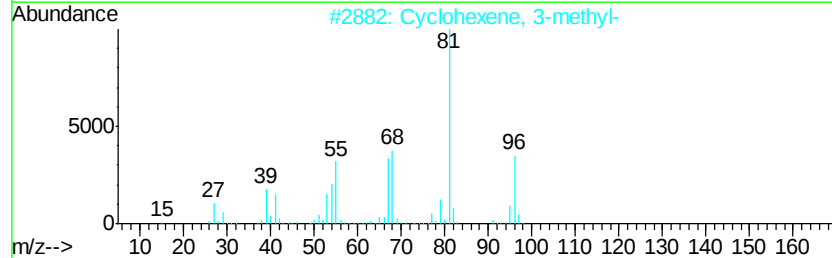
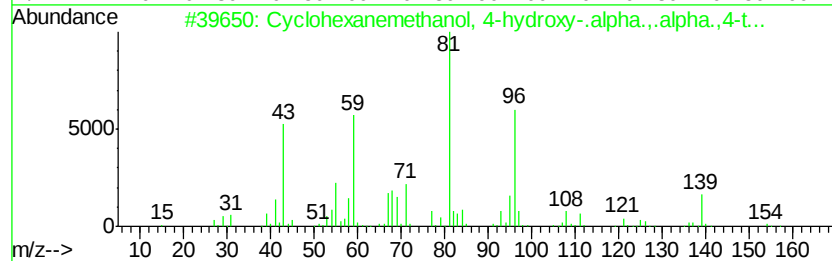
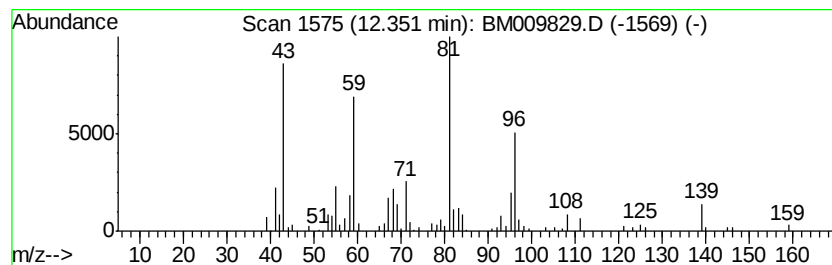
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Cyclohexanemethanol, 4-hydr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	2.31 ng/ul	230203	Naphthalene-d8	10.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanemethanol, 4-hydroxyv-....	172	C10H20O2	000080-53-5	83
2		Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	53
3		2-Butenenitrile, 2-amino-3-methyl-	96	C5H8N2	1000196-28-0	52
4		Cyclobutane, (1-methyl-ethylenidene)-	96	C7H12	001528-22-9	47
5		Carbonic acid, butyl cyclohexylm...	214	C12H22O3	1000357-84-5	47



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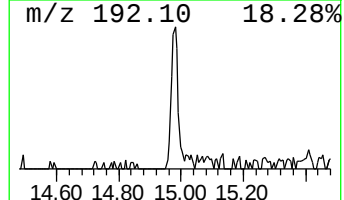
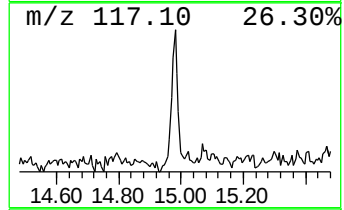
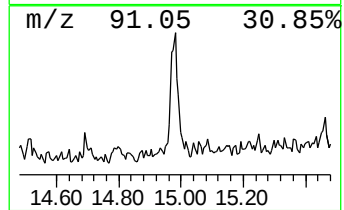
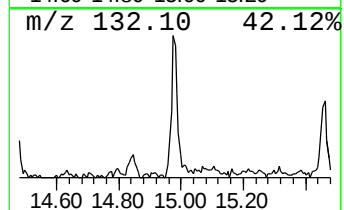
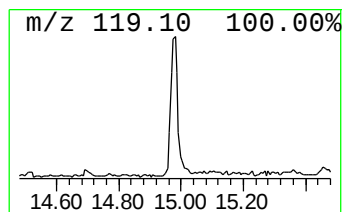
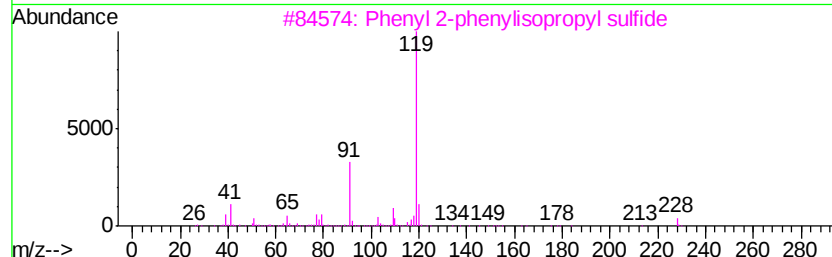
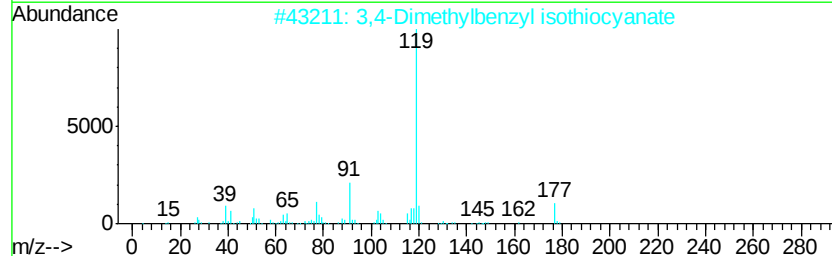
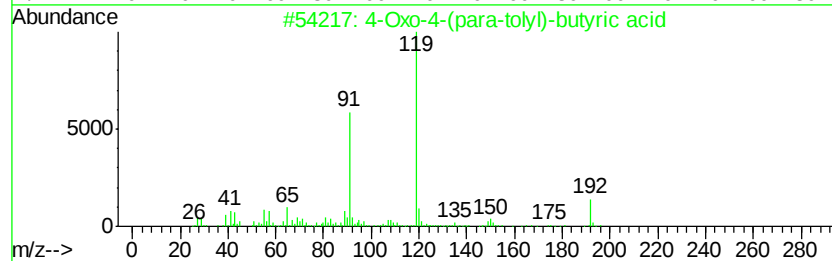
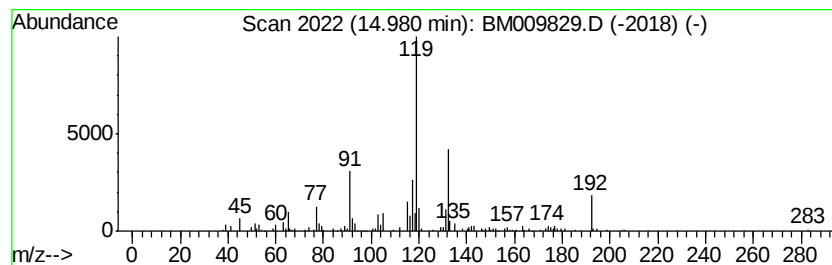
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	2.28 ng/ul	310471	Acenaphthene-d10	14.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-Oxo-4-(para-tolyl)-butyric acid	192	C11H12O3	004619-20-9	46
2		3,4-Dimethylbenzyl isothiocyanate	177	C10H11NS	206559-59-3	43
3		Phenyl 2-phenylisopropyl sulfide	228	C15H16S	004148-93-0	38
4		Bis[2,4-dimethylbenzyl]sulfone	302	C18H22O2S	1000251-42-1	38
5		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	38



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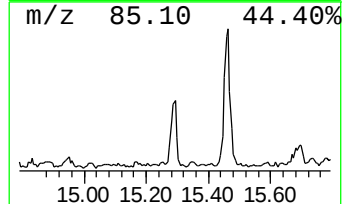
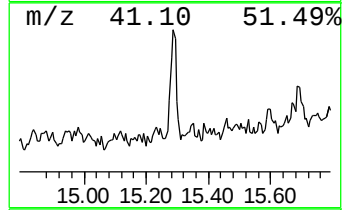
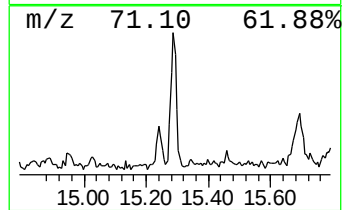
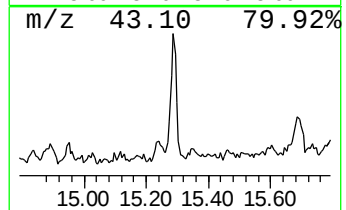
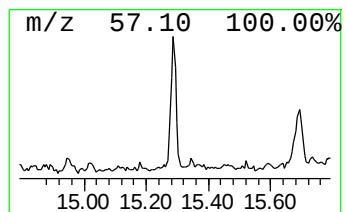
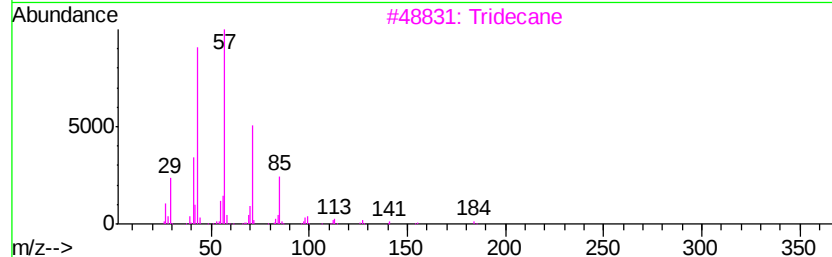
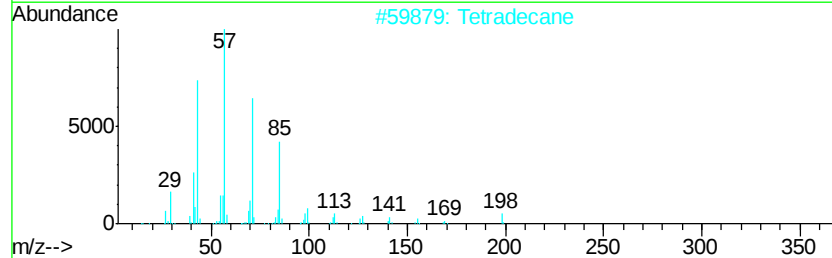
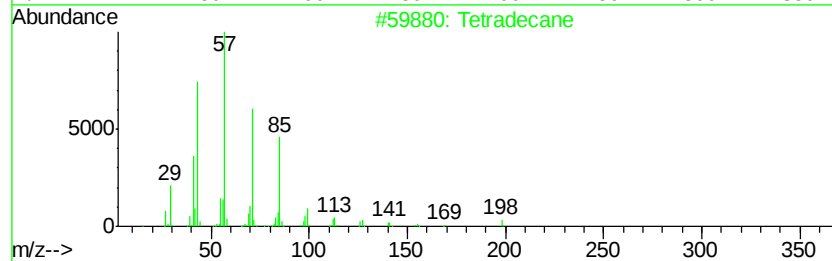
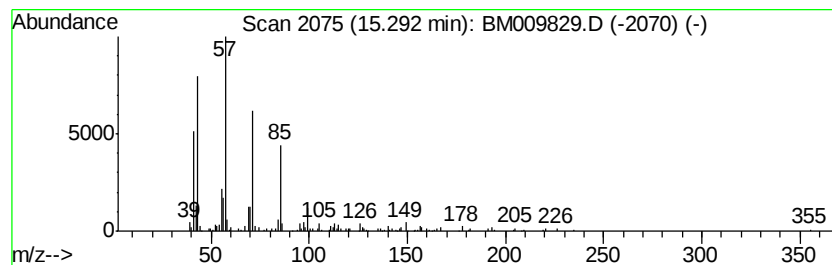
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	2.29 ng/ul	312134	Acenaphthene-d10	14.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	80
2		Tetradecane	198	C14H30	000629-59-4	80
3		Tridecane	184	C13H28	000629-50-5	80
4		Hexadecane	226	C16H34	000544-76-3	72
5		Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\HPCHEM1\BNA M\DATA\BM043017\
Data File : BM009829.D
Acq On : 01 May 2017 01:30
Operator : SJ/MA
Sample : I2849-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHSW7

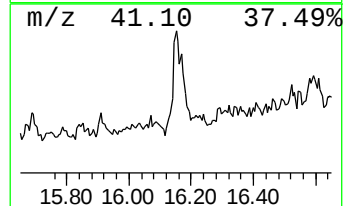
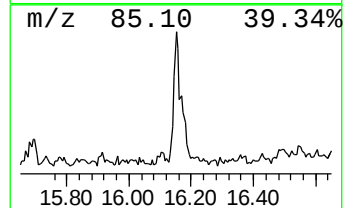
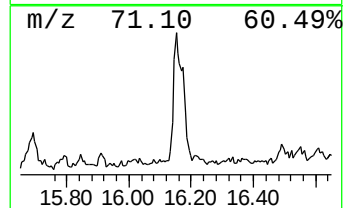
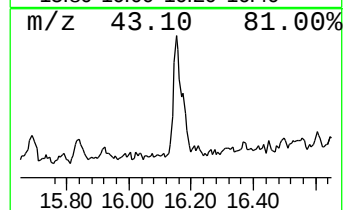
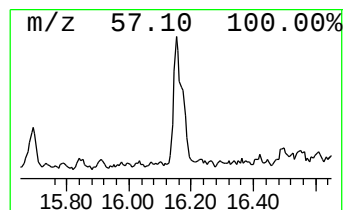
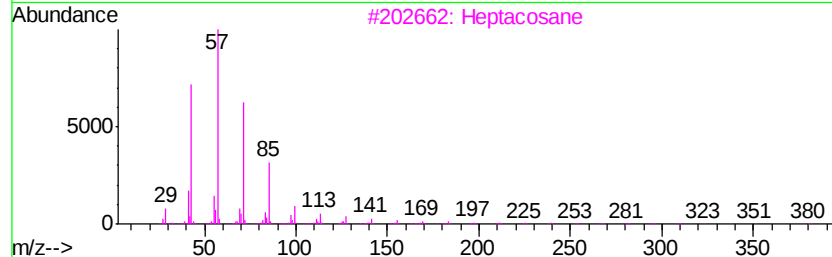
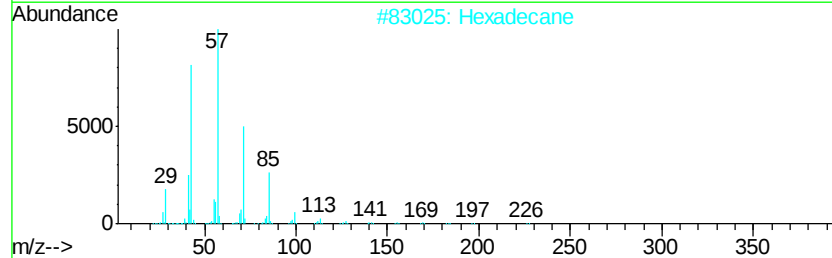
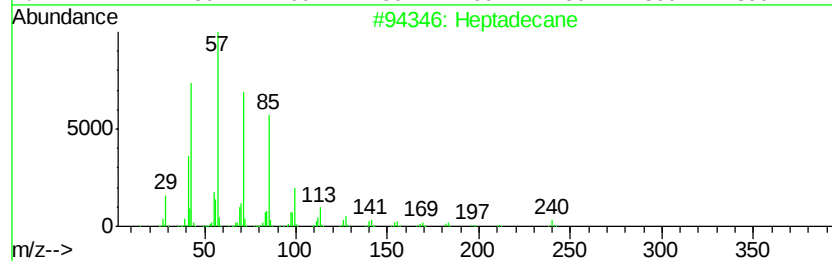
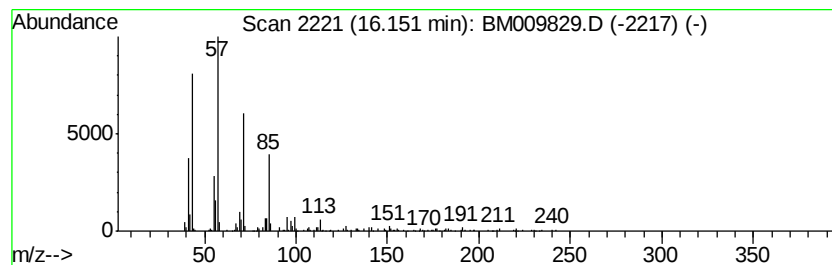
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	2.69 ng/ul	419574	Phenanthrene-d10	17.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	87
2			Hexadecane	226	C16H34	000544-76-3	86
3			Heptacosane	380	C27H56	000593-49-7	80
4			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	80
5			Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\HPCHEM1\BNA M\DATA\BM043017\
Data File : BM009829.D
Acq On : 01 May 2017 01:30
Operator : SJ/MA
Sample : I2849-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHSW7

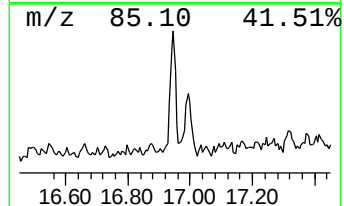
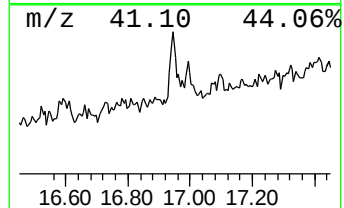
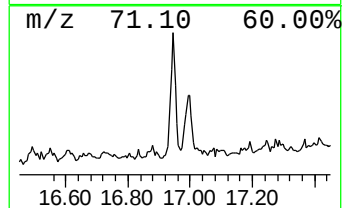
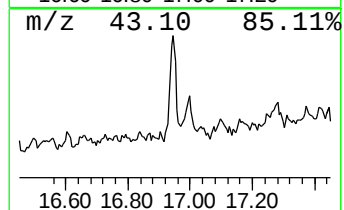
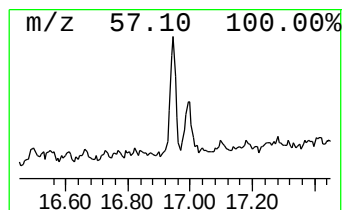
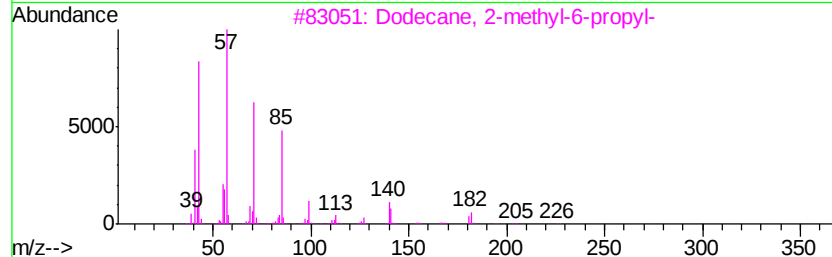
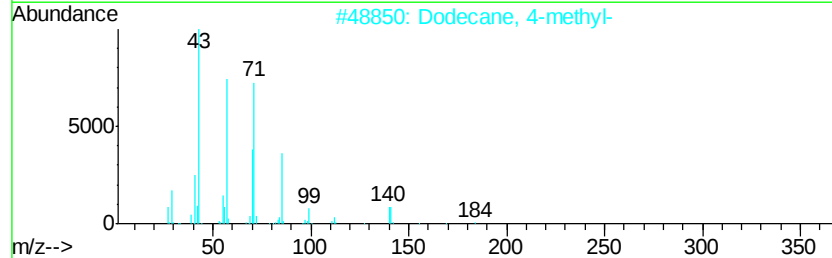
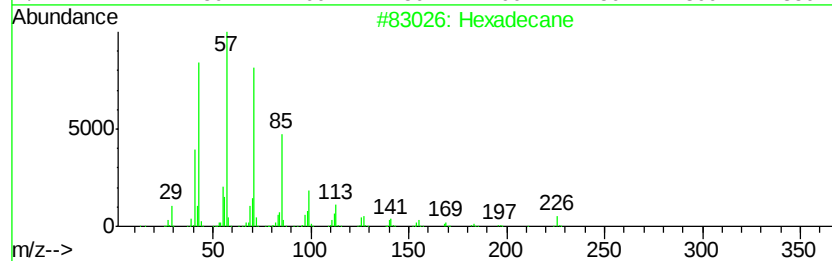
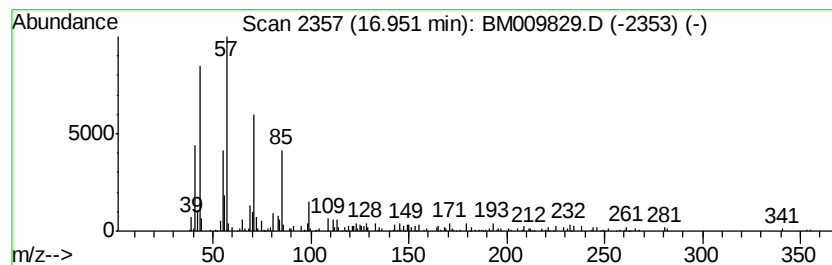
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	2.22 ng/ul	345643	Phenanthrene-d10	17.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	94
2		Dodecane, 4-methyl-	184	C13H28	006117-97-1	83
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
4		Hexadecane, 5-butyl-	282	C20H42	006912-07-8	80
5		Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\HPCHEM1\BNA M\DATA\BM043017\
Data File : BM009829.D
Acq On : 01 May 2017 01:30
Operator : SJ/MA
Sample : I2849-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

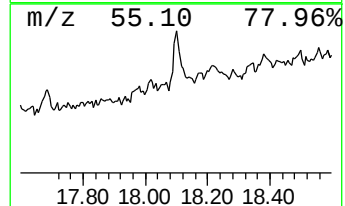
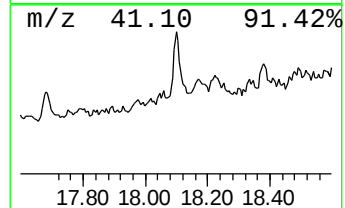
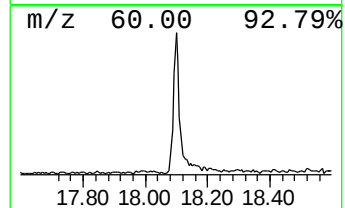
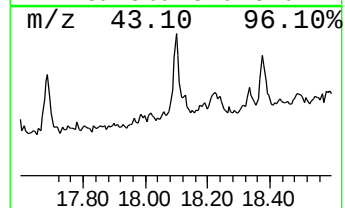
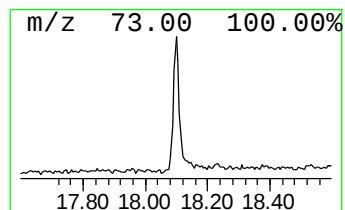
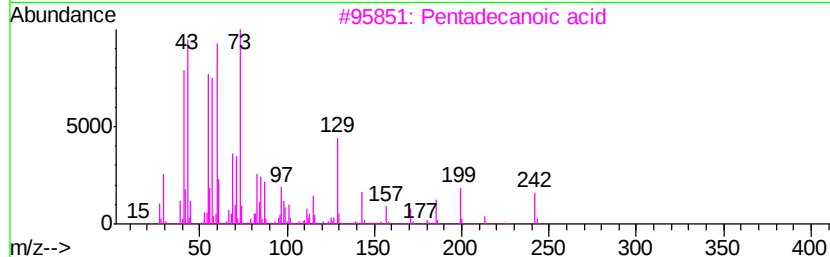
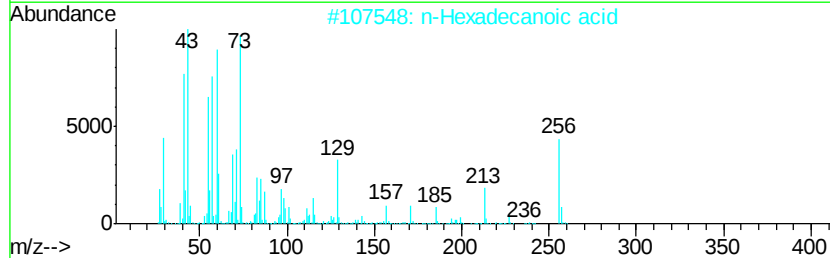
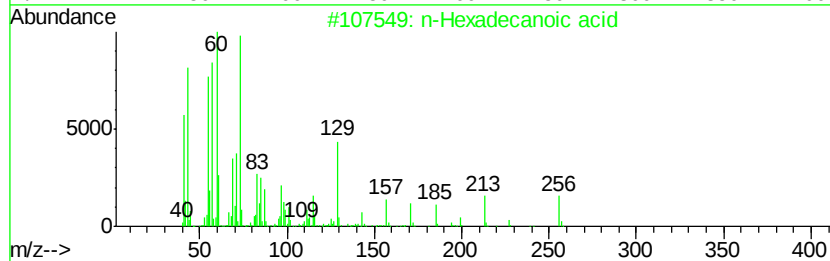
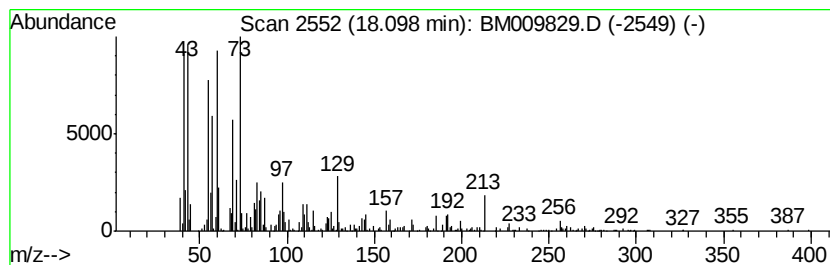
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.10	5.57 ng/ul	868177	Phenanthrene-d10	17.22		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	72	



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM043017\
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Acq On : 01 May 2017 01:30
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Sample : I2849-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.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
p-Cymene	7.93	3.3	ng/ul	231979	1	7.82	1405680	20.0
D-Limonene	8.02	5.1	ng/ul	357245	1	7.82	1405680	20.0
Phenol, 3-chloro-	10.50	2.5	ng/ul	252177	2	10.62	1989130	20.0
Cyclohexanemethan...	12.35	2.3	ng/ul	230203	2	10.62	1989130	20.0
unknown-01	14.98	2.3	ng/ul	310471	3	14.46	2727280	20.0
(DEL) Alkane: Str...	15.29	2.3	ng/ul	312134	3	14.46	2727280	20.0
(DEL) Alkane: Str...	16.15	2.7	ng/ul	419574	4	17.22	3115800	20.0
(DEL) Alkane: Str...	16.95	2.2	ng/ul	345643	4	17.22	3115800	20.0
n-Hexadecanoic acid	18.10	5.6	ng/ul	868177	4	17.22	3115800	20.0