

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014433.D
 Acq On : 01 Mar 2018 10:31
 Operator : SJ/JU
 Sample : J1678-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5T1

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-BM021418.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	4.669	282	286	296	rVB2	56142	113700	2.33%	0.219%
2	4.875	317	321	327	rVB3	47095	67532	1.39%	0.130%
3	6.716	628	634	648	rVB	714458	1346054	27.61%	2.596%
4	6.863	653	659	671	rBV	543740	888658	18.23%	1.714%
5	7.051	684	691	700	rBV	790385	1338979	27.47%	2.582%
6	7.510	763	769	779	rVB	614265	982099	20.15%	1.894%
7	7.639	785	791	796	rVB	147200	228628	4.69%	0.441%
8	8.239	886	893	901	rBV	902840	1582040	32.45%	3.051%
9	8.675	960	967	978	rBV	833554	1443209	29.61%	2.783%
10	8.822	986	992	998	rBV4	35816	69163	1.42%	0.133%
11	9.386	1081	1088	1103	rBV	716171	1276778	26.19%	2.462%
12	9.927	1173	1180	1194	rBV	965930	1819416	37.32%	3.509%
13	10.280	1231	1240	1247	rBV	886536	1501606	30.80%	2.896%
14	10.445	1261	1268	1281	rBV	756568	1482925	30.42%	2.860%
15	12.980	1695	1699	1706	rVB4	35926	52269	1.07%	0.101%
16	13.139	1719	1726	1731	rBV6	25501	60956	1.25%	0.118%
17	13.598	1793	1804	1808	rBV	1916609	2682870	55.04%	5.174%
18	13.645	1808	1812	1818	rVB	460520	651267	13.36%	1.256%
19	13.863	1838	1849	1861	rBV	2181298	3328227	68.27%	6.418%
20	14.074	1878	1885	1890	rBV	91792	132927	2.73%	0.256%
21	14.174	1896	1902	1909	rBV2	1279048	1946469	39.93%	3.754%
22	14.445	1939	1948	1968	rBV	443708	1231976	25.27%	2.376%
23	14.627	1977	1979	1987	rVB7	33181	61417	1.26%	0.118%
24	14.980	2031	2039	2043	rBV	49122	72610	1.49%	0.140%
25	15.033	2043	2048	2053	rVV2	118869	160046	3.28%	0.309%
26	15.180	2066	2073	2079	rBV	2525523	3659299	75.07%	7.057%
27	15.345	2095	2101	2107	rBV	157995	266546	5.47%	0.514%
28	15.421	2109	2114	2116	rBV5	37135	59038	1.21%	0.114%
29	15.904	2191	2196	2204	rBV	139568	257543	5.28%	0.497%
30	16.692	2326	2330	2334	rBV2	97673	125650	2.58%	0.242%
31	16.745	2337	2339	2343	rVB4	52869	68025	1.40%	0.131%
32	16.933	2366	2371	2376	rBV	1611439	2351781	48.24%	4.535%
33	16.974	2376	2378	2383	rVV	338152	451079	9.25%	0.870%
34	17.039	2383	2389	2399	rVB	2760537	4068273	83.46%	7.846%

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35	17.339	2435	2440	2442	rBV5	53870	91444	1.88%	0.176%
36	17.433	2453	2456	2460	rBV2	83402	107902	2.21%	0.208%
37	17.815	2518	2521	2522	rBV	65640	62976	1.29%	0.121%
38	17.845	2522	2526	2535	rVB3	438233	749381	15.37%	1.445%
39	18.003	2550	2553	2559	rBV3	94248	151195	3.10%	0.292%
40	18.127	2571	2574	2578	rBV5	74339	98662	2.02%	0.190%
41	18.550	2644	2646	2651	rVB5	108415	127079	2.61%	0.245%
42	19.009	2720	2724	2729	rVV	676766	891998	18.30%	1.720%
43	19.062	2730	2733	2737	rVB3	157407	187641	3.85%	0.362%
44	19.139	2742	2746	2753	rBV8	150256	296797	6.09%	0.572%
45	19.350	2776	2782	2785	rBV	3340209	4874784	100.00%	9.401%
46	20.397	2957	2960	2964	rBV	193347	214246	4.39%	0.413%
47	20.868	3036	3040	3044	rVB2	786174	935753	19.20%	1.805%
48	21.150	3083	3088	3092	rBV2	2040924	2806576	57.57%	5.412%
49	23.197	3431	3436	3442	rBV2	1732015	2888051	59.24%	5.570%
50	23.333	3454	3459	3465	rVB	898597	1541065	31.61%	2.972%

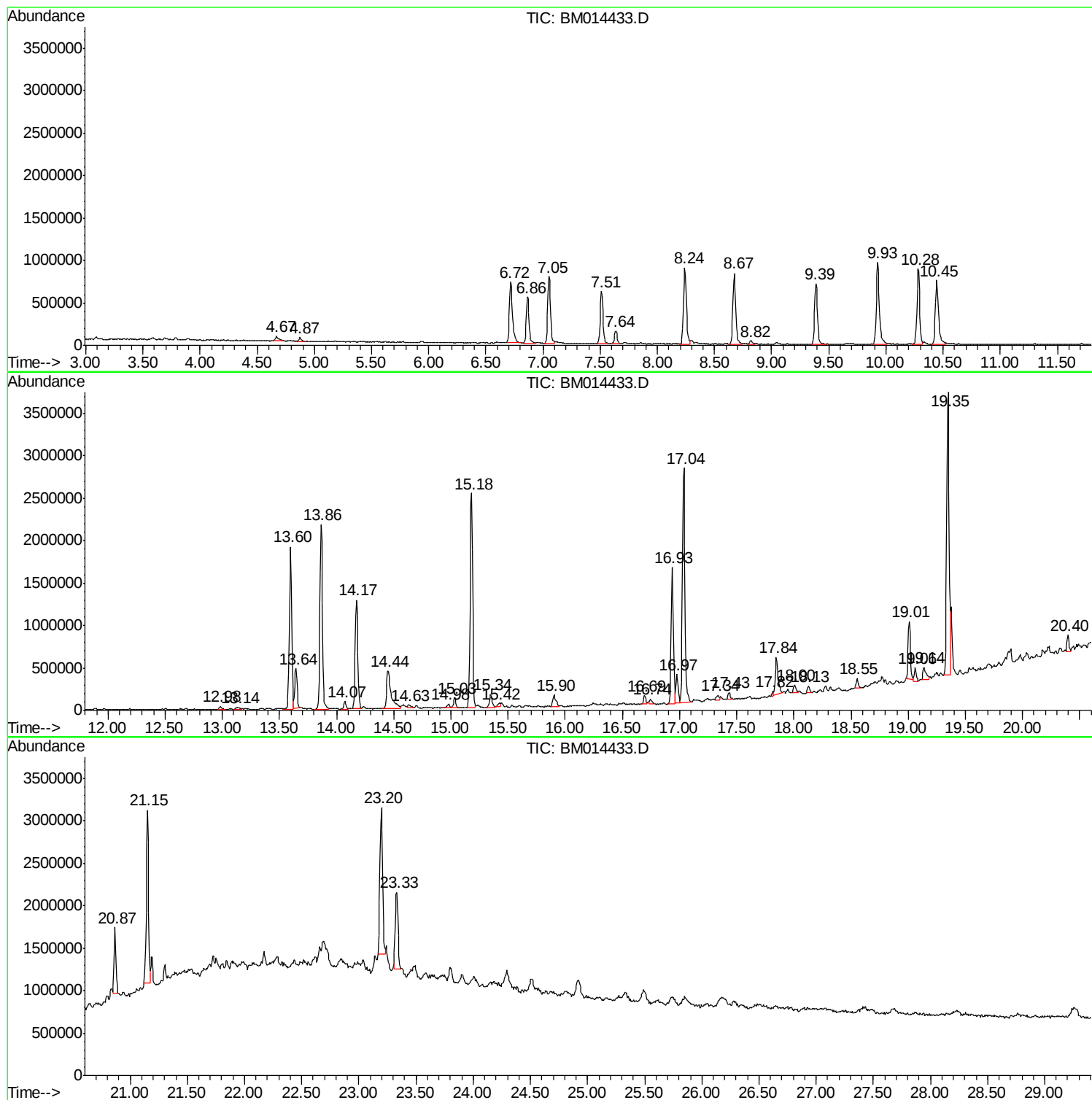
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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



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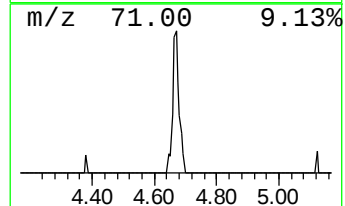
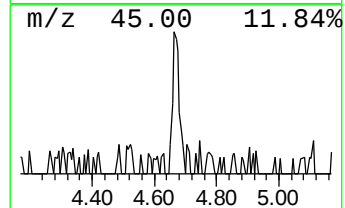
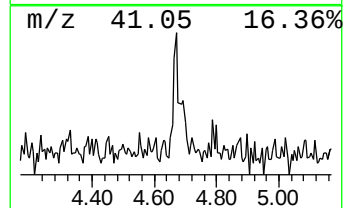
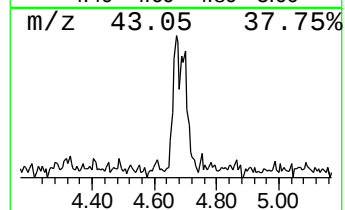
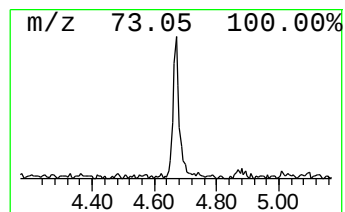
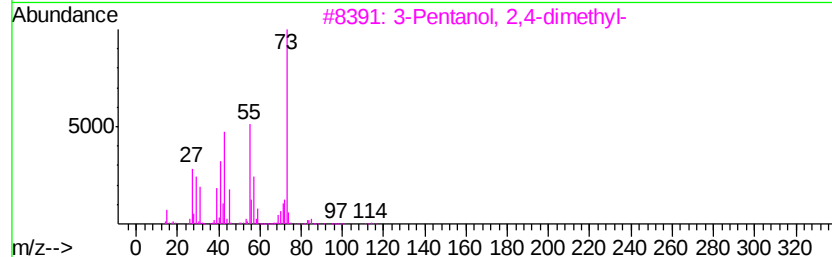
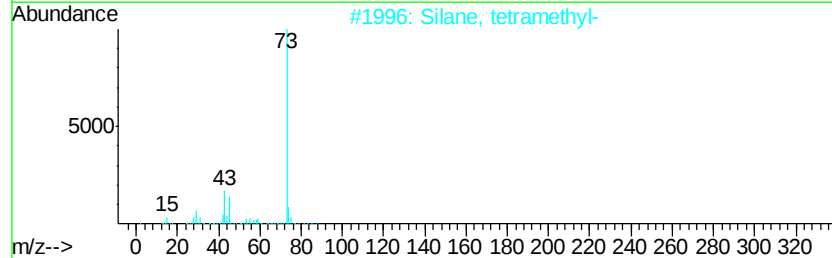
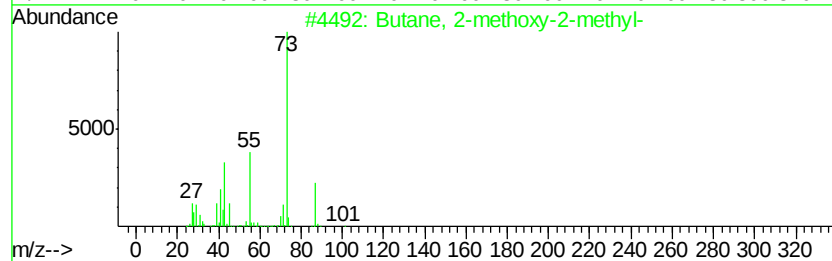
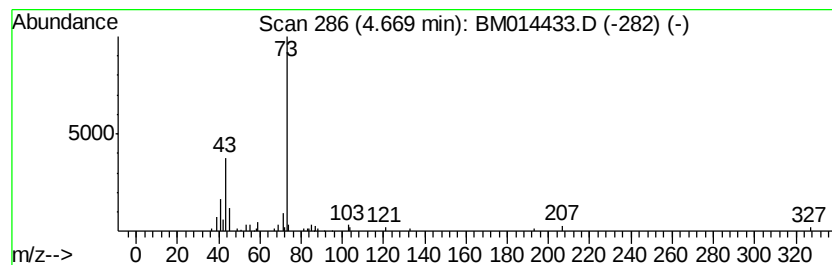
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.67	2.32 ng/ul	113700	1,4-Dichlorobenzene-d4	7.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	36
2			Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
3			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
4			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23
5			o-2-Pentylhydroxylamine	103	C5H13NO	1000322-43-4	10



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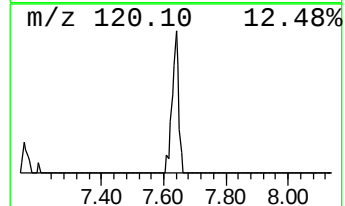
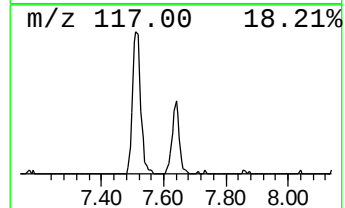
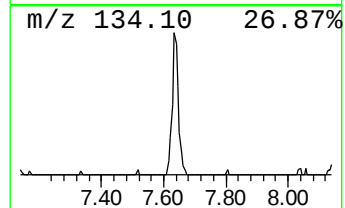
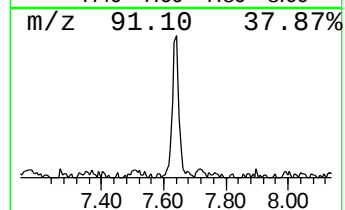
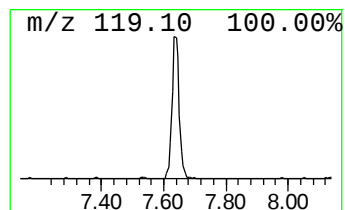
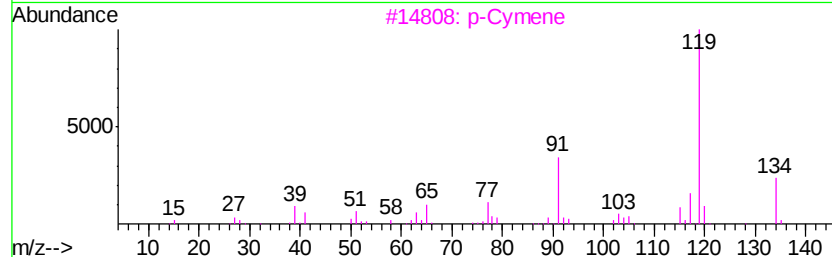
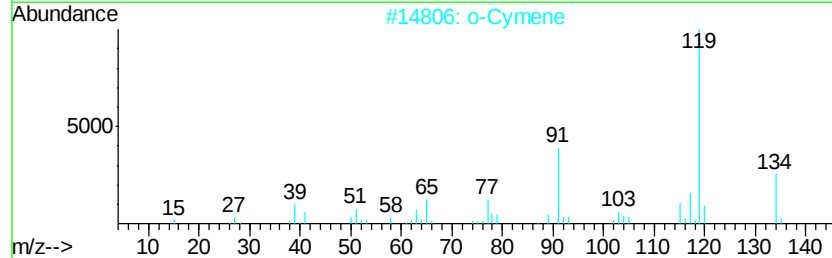
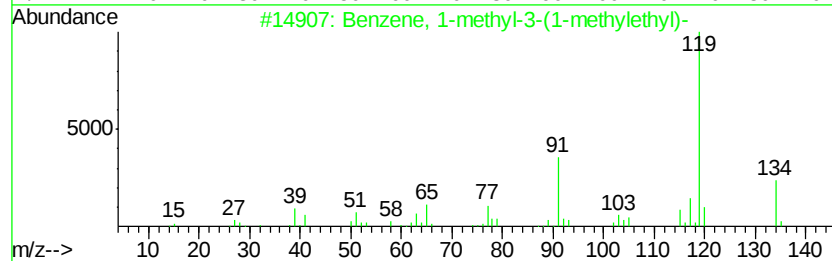
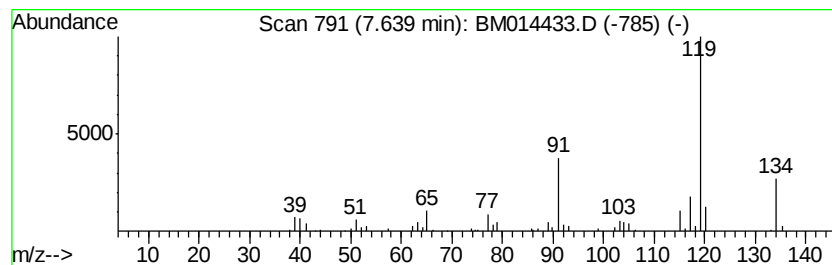
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-methyl-3-(1-meth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	4.66 ng/ul	228628	1,4-Dichlorobenzene-d4	7.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
2		o-Cymene	134	C10H14	000527-84-4	94
3		p-Cymene	134	C10H14	000099-87-6	94
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
5		o-Cymene	134	C10H14	000527-84-4	90



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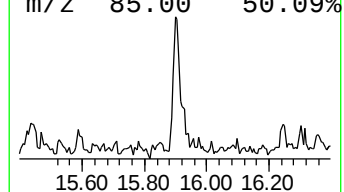
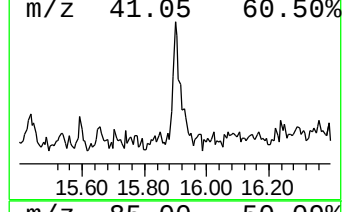
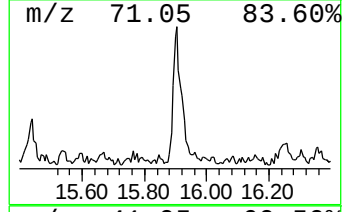
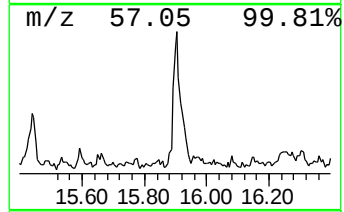
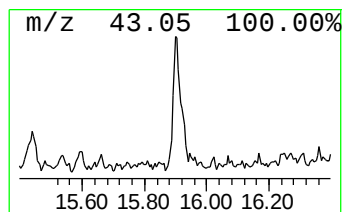
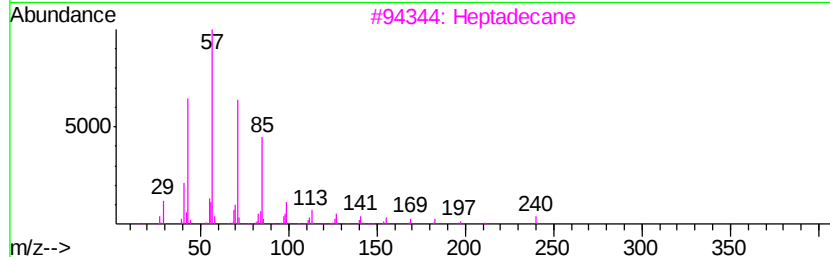
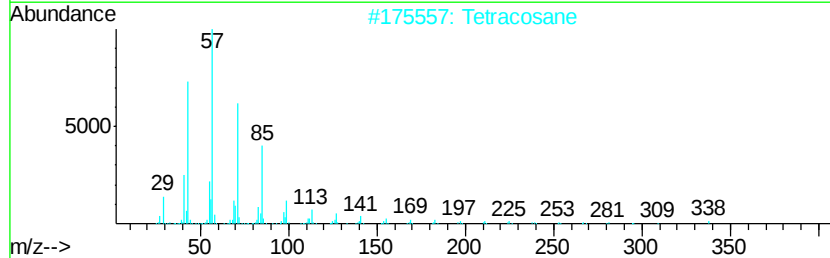
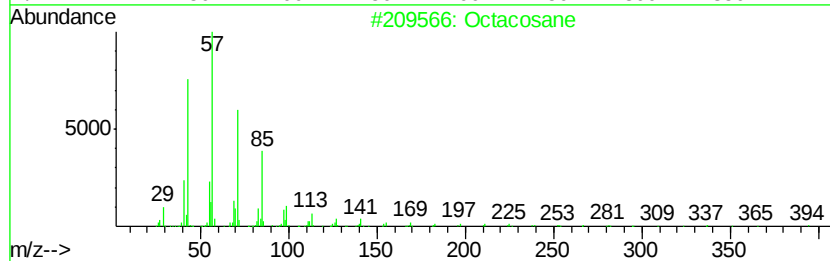
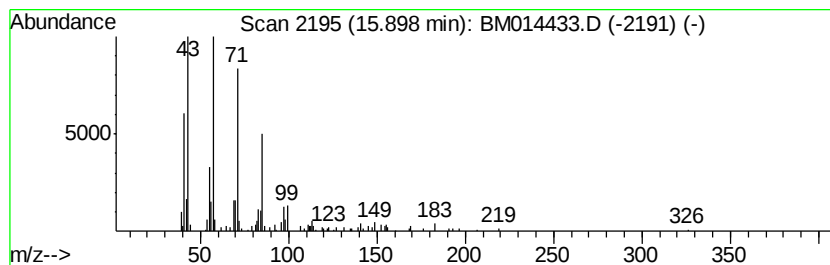
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	2.19 ng/ul	257543	Phenanthrene-d10	16.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Heptadecane	240	C17H36	000629-78-7	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Octadecane	254	C18H38	000593-45-3	87



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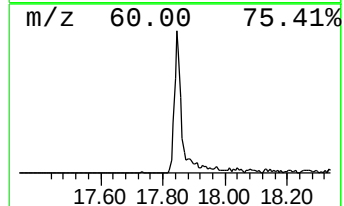
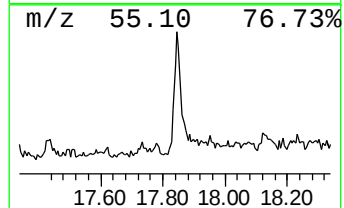
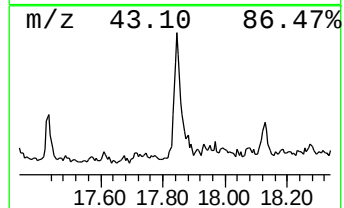
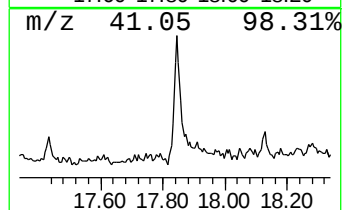
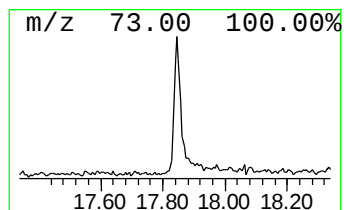
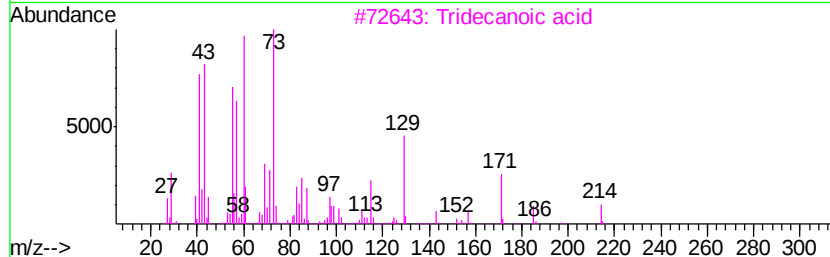
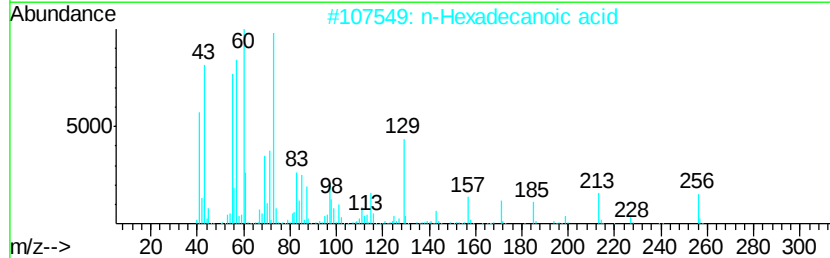
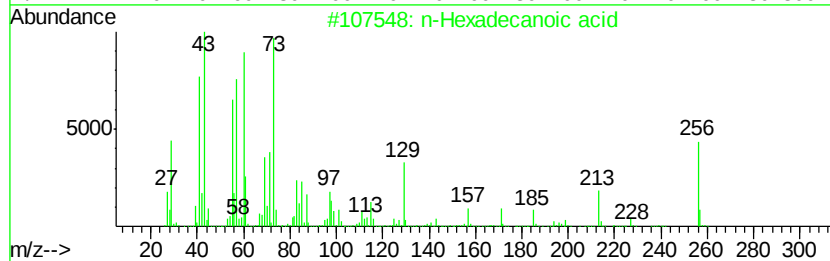
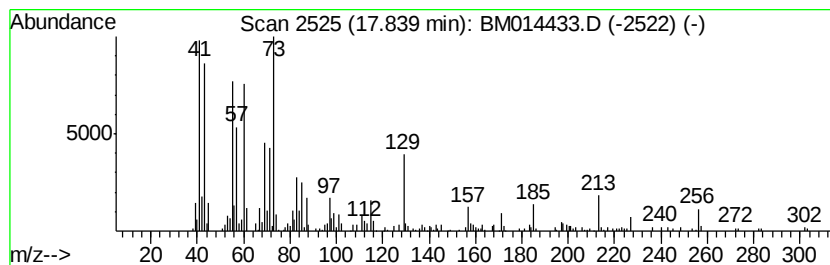
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.84	6.37 ng/ul	749381	Phenanthrene-d10		16.93		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3			Tridecanoic acid	214	C13H26O2	000638-53-9	89
4			Undecanoic acid	186	C11H22O2	000112-37-8	81
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	74



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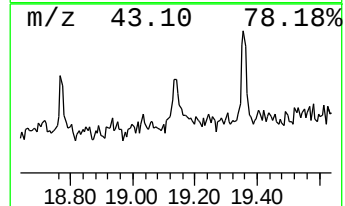
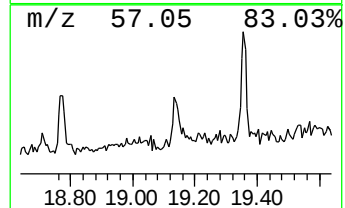
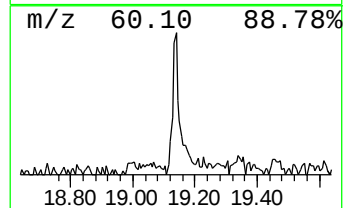
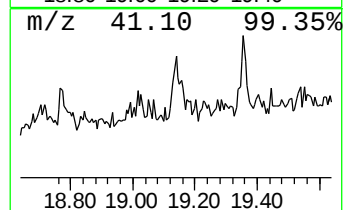
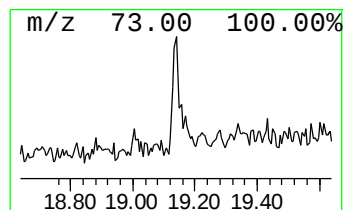
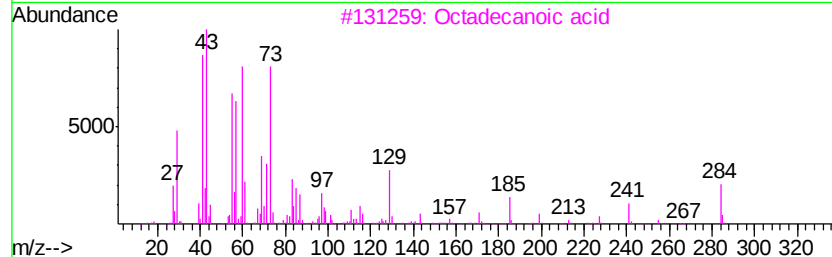
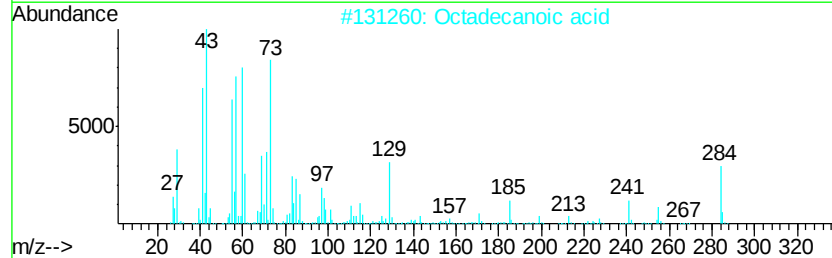
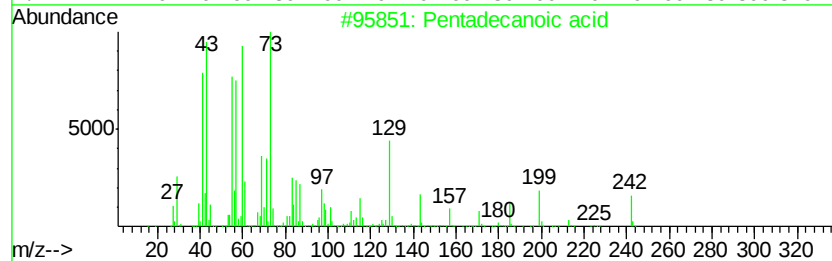
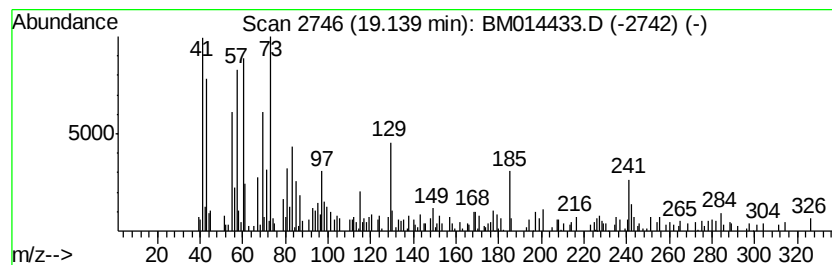
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Pentadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	2.12 ng/ul	296797	Chrysene-d12	21.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
2		Octadecanoic acid	284	C18H36O2	000057-11-4	91
3		Octadecanoic acid	284	C18H36O2	000057-11-4	90
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5		12-Bromododecanoic acid	278	C12H23BrO2	073367-80-3	70



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014433.D
Acq On : 01 Mar 2018 10:31
Operator : SJ/JU
Sample : J1678-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5T1

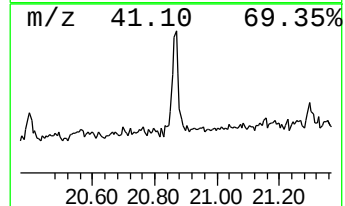
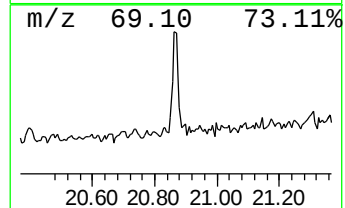
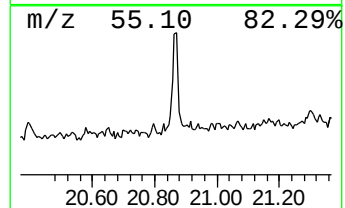
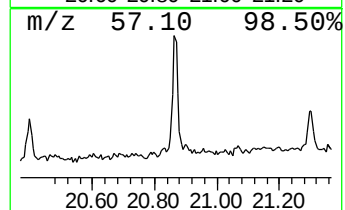
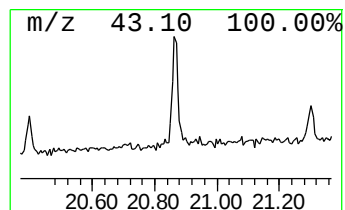
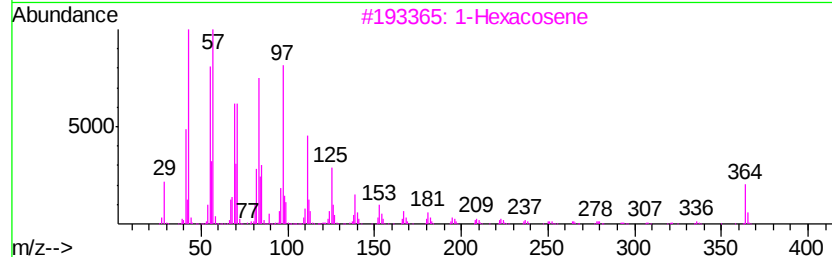
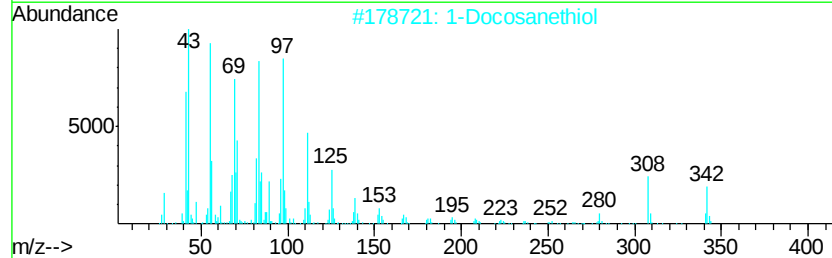
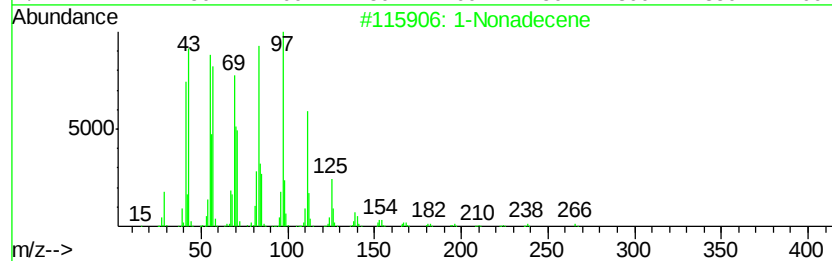
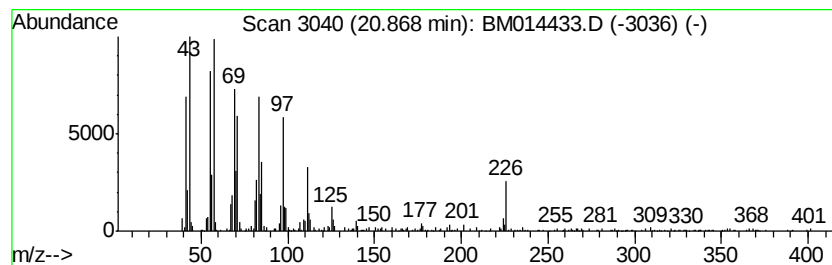
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic20.87 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	6.67 ng/ul	935753	Chrysene-d12	21.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nonadecene	266	C19H38	018435-45-5	96
2			1-Docosanethiol	342	C22H46S	007773-83-3	93
3			1-Hexacosene	364	C26H52	018835-33-1	90
4			9-Hexacosene	364	C26H52	071502-22-2	89
5			Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022818\
Data File : BM014433.D
Acq On : 01 Mar 2018 10:31
Operator : SJ/JU
Sample : J1678-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5T1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.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
unknown-01	4.67	2.3	ng/ul	113700	1	7.51	982099	20.0
Benzene, 1-methyl...	7.64	4.7	ng/ul	228628	1	7.51	982099	20.0
(DEL) Alkane: Str...	15.90	2.2	ng/ul	257543	4	16.93	2351780	20.0
n-Hexadecanoic acid	17.84	6.4	ng/ul	749381	4	16.93	2351780	20.0
Pentadecanoic acid	19.14	2.1	ng/ul	296797	5	21.15	2806580	20.0
(DEL) Alkane: Cyc...	20.87	6.7	ng/ul	935753	5	21.15	2806580	20.0