

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
 Data File : BM014931.D
 Acq On : 02 May 2018 20:17
 Operator : SJ/JU
 Sample : J2631-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH9

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-BM041918.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	3.334	4	8	16	rVB	3037320	3865642	48.57%	3.396%
2	3.640	55	60	68	rBV	128010	174776	2.20%	0.154%
3	5.475	367	372	382	rVB	415358	638592	8.02%	0.561%
4	6.498	541	546	558	rBV	90496	150748	1.89%	0.132%
5	7.616	728	736	751	rBV	2064845	3596244	45.19%	3.159%
6	7.798	759	767	778	rBV	1645259	2628740	33.03%	2.309%
7	8.010	796	803	812	rBV	2150412	3489797	43.85%	3.066%
8	8.492	878	885	900	rVB	1591825	2640941	33.18%	2.320%
9	8.622	900	907	913	rBV	96725	148390	1.86%	0.130%
10	9.192	996	1004	1016	rBV	2298944	3834219	48.18%	3.368%
11	9.675	1077	1086	1094	rBV	1967449	3315816	41.66%	2.913%
12	10.404	1201	1210	1224	rBV	1589873	2664408	33.48%	2.341%
13	10.939	1294	1301	1316	rBV	2321371	3979141	50.00%	3.496%
14	11.333	1361	1368	1376	rBV	2085623	3652532	45.90%	3.209%
15	11.463	1382	1390	1406	rBV	2105823	3693162	46.41%	3.244%
16	14.492	1895	1905	1909	rBV	3688586	5238739	65.83%	4.602%
17	14.533	1909	1912	1918	rVB	552119	762917	9.59%	0.670%
18	14.798	1950	1957	1968	rBV	4387032	6552566	82.34%	5.756%
19	14.951	1975	1983	1988	rVB	228805	298346	3.75%	0.262%
20	15.098	2000	2008	2015	rVB2	2762874	4250094	53.40%	3.734%
21	15.257	2029	2035	2050	rBV	1498587	2275579	28.59%	1.999%
22	15.557	2082	2086	2094	rBV2	63537	98871	1.24%	0.087%
23	15.886	2138	2142	2147	rVB	363605	457033	5.74%	0.402%
24	16.074	2167	2174	2181	rBV	5145795	7591690	95.39%	6.669%
25	16.174	2186	2191	2202	rVV	1422869	2001690	25.15%	1.759%
26	16.286	2204	2210	2220	rVB2	101011	306274	3.85%	0.269%
27	16.739	2282	2287	2298	rBV	319634	610164	7.67%	0.536%
28	17.521	2416	2420	2424	rVB	149954	169650	2.13%	0.149%
29	17.815	2463	2470	2475	rBV2	2957581	4466825	56.13%	3.924%
30	17.909	2480	2486	2495	rVV2	5229999	7358710	92.46%	6.465%
31	18.645	2605	2611	2621	rBV	1054859	1570935	19.74%	1.380%
32	19.739	2794	2797	2800	rBV	75870	103378	1.30%	0.091%
33	19.821	2808	2811	2816	rVB	165842	212177	2.67%	0.186%
34	19.880	2817	2821	2830	rBV	758156	1046413	13.15%	0.919%

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35	20.150	2861	2867	2878	rVB	5926580	7958416	100.00%	6.992%
36	21.556	3102	3106	3114	rBV	537051	763831	9.60%	0.671%
37	21.768	3137	3142	3148	rBV	3788543	4213285	52.94%	3.701%
38	21.903	3159	3165	3169	rBV	3194458	4442067	55.82%	3.902%
39	23.544	3440	3444	3450	rVB	393068	569741	7.16%	0.501%
40	24.221	3552	3559	3574	rVB	3725478	7717431	96.97%	6.780%
41	24.380	3579	3586	3600	rVB	1960124	4319104	54.27%	3.794%

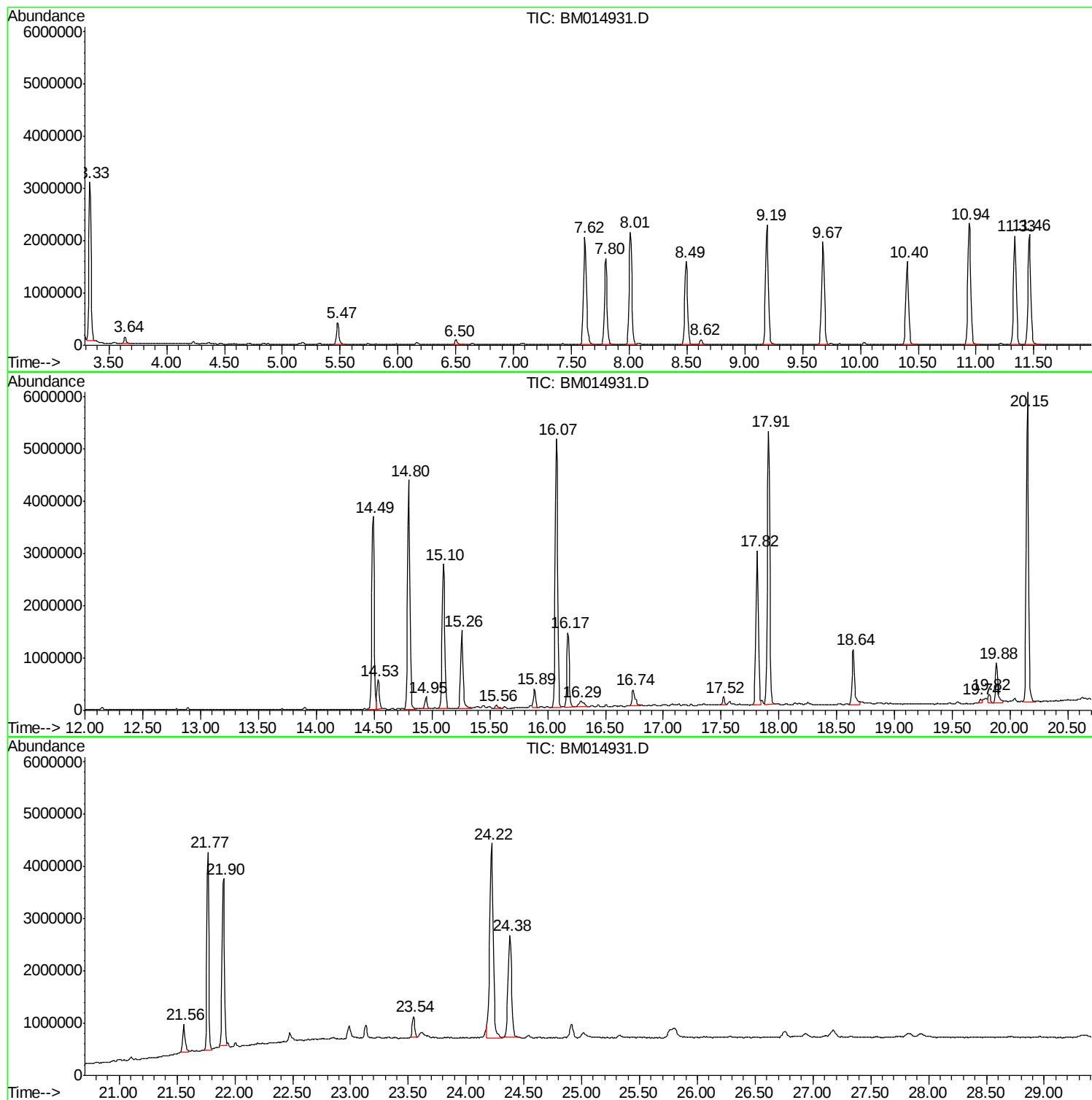
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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



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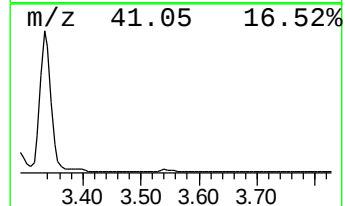
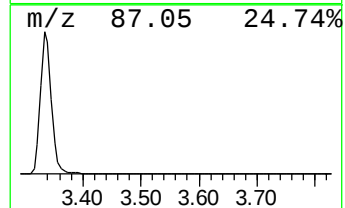
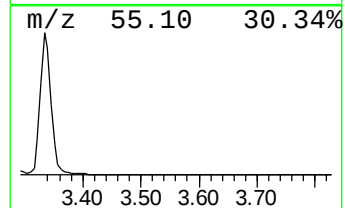
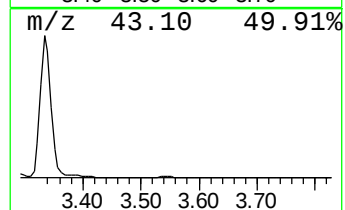
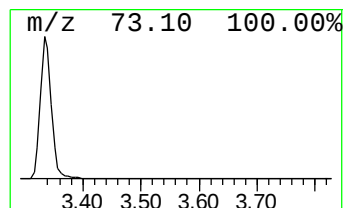
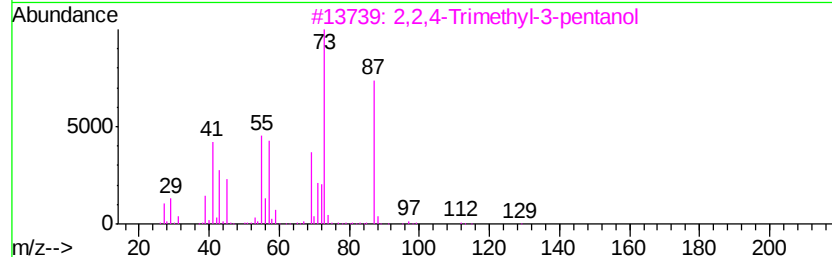
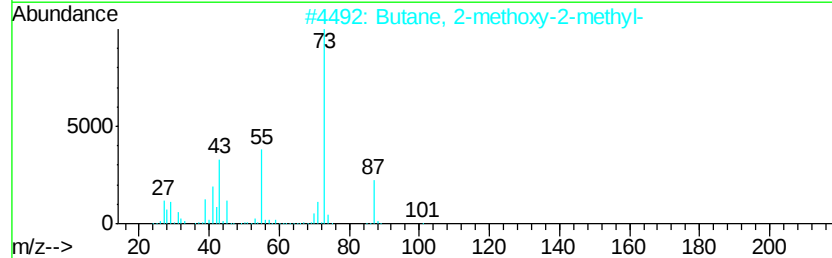
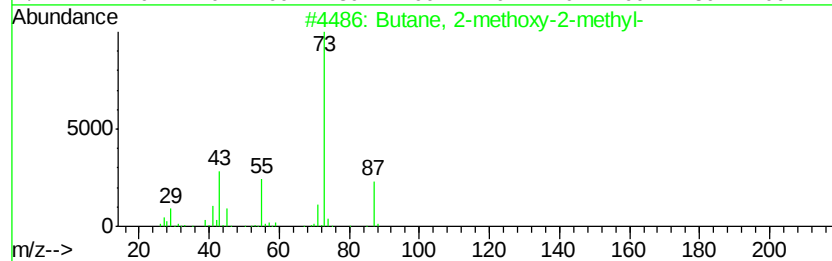
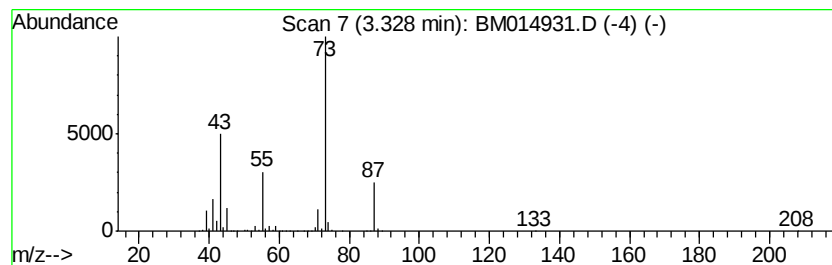
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TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.33	29.27 ng/ul	3865640	1,4-Dichlorobenzene-d4	8.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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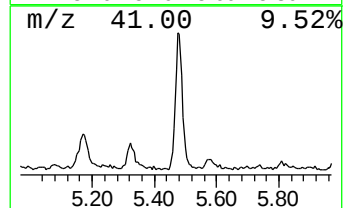
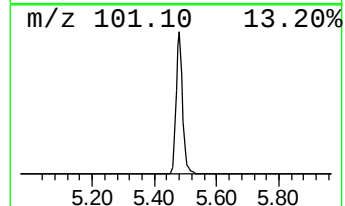
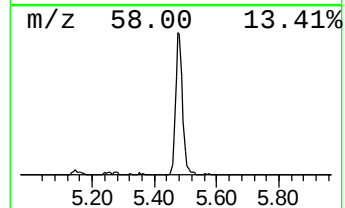
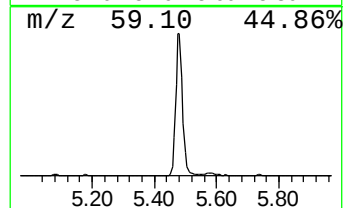
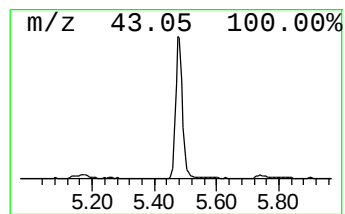
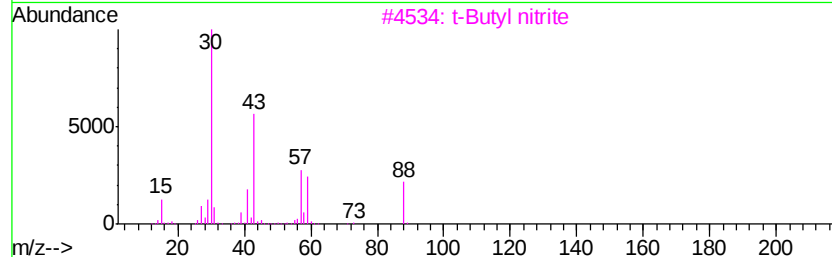
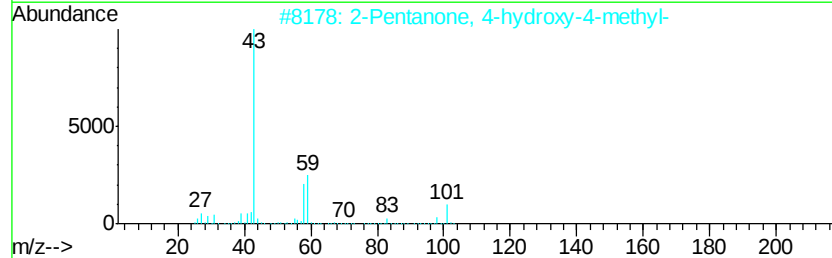
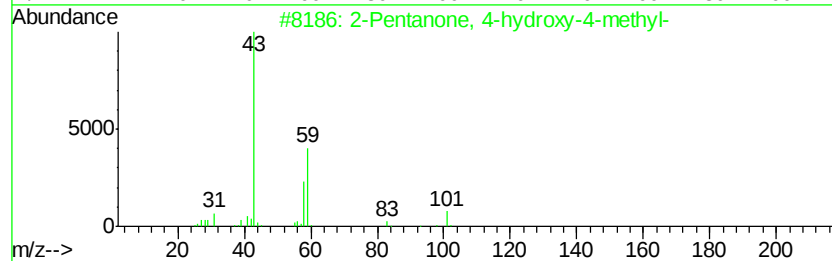
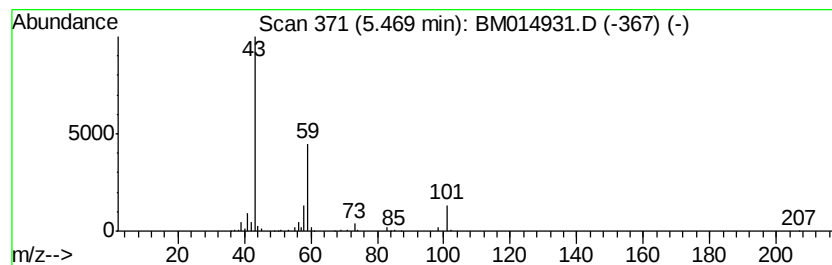
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.47	4.84 ng/ul	638592	1,4-Dichlorobenzene-d4	8.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3		t-Butyl nitrite	103	C4H9NO2	000540-80-7	39
4		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
5		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	17



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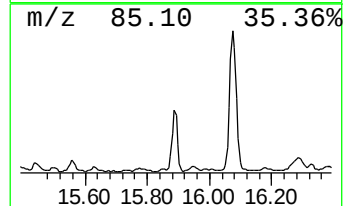
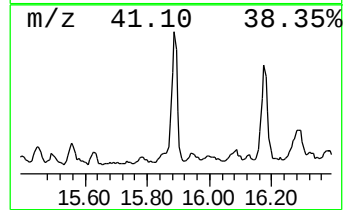
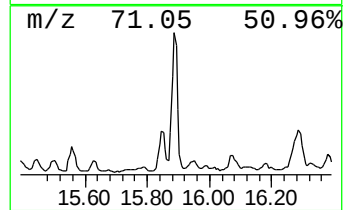
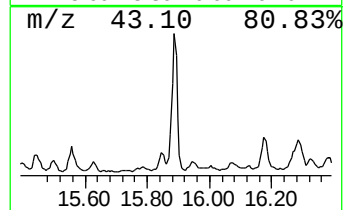
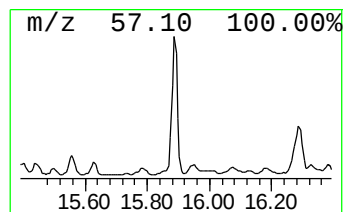
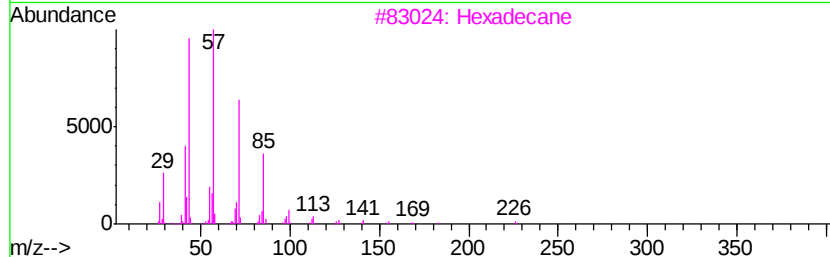
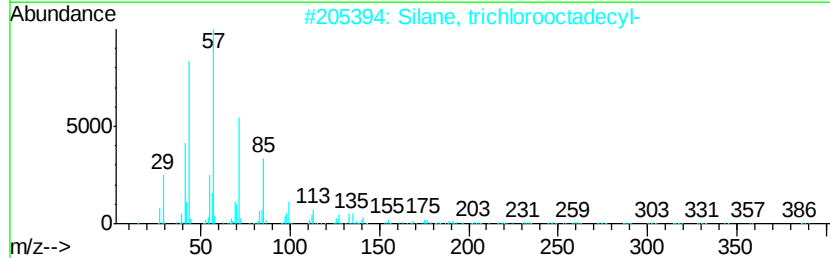
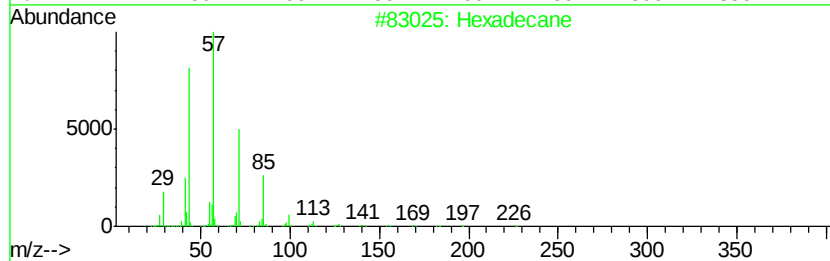
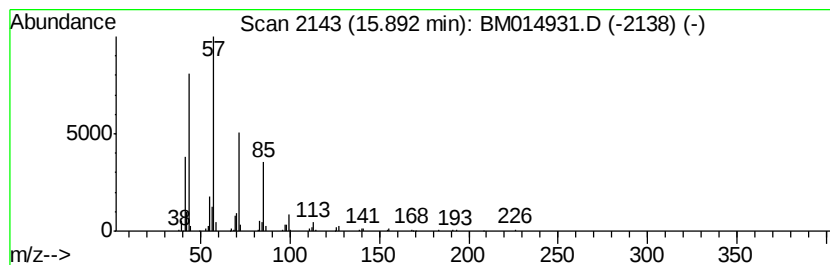
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	2.15 ng/ul	457033	Acenaphthene-d10	15.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Tridecane	184	C13H28	000629-50-5	86
5		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	81



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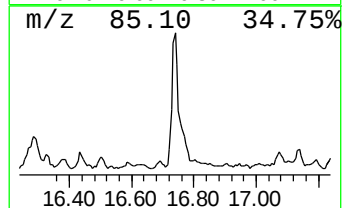
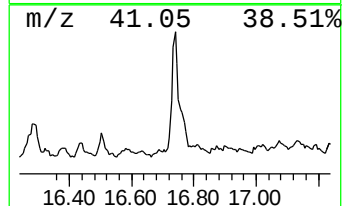
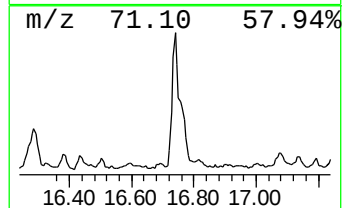
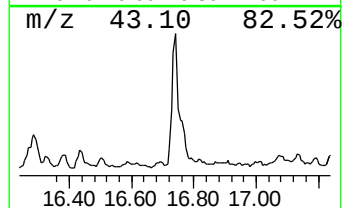
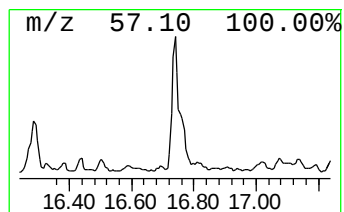
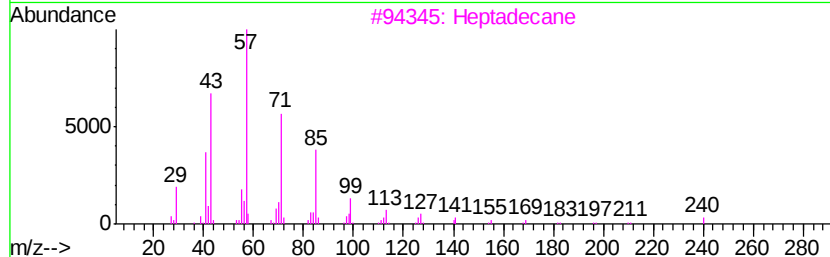
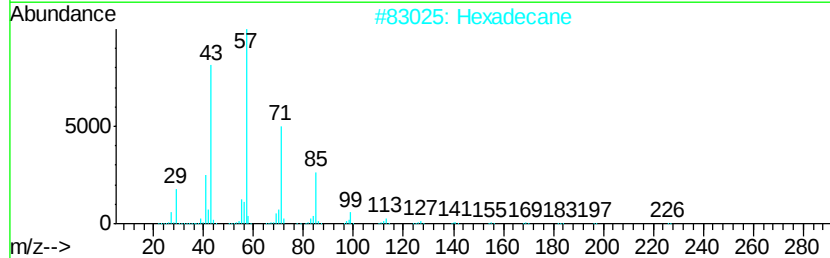
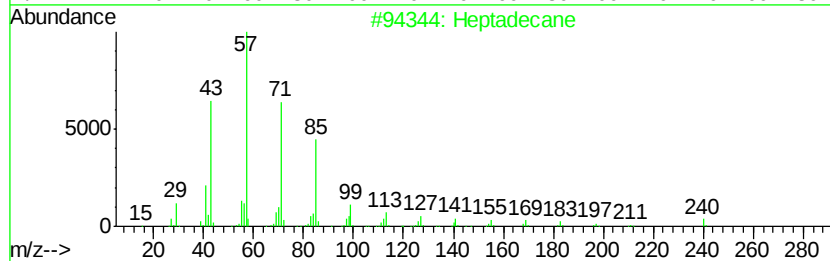
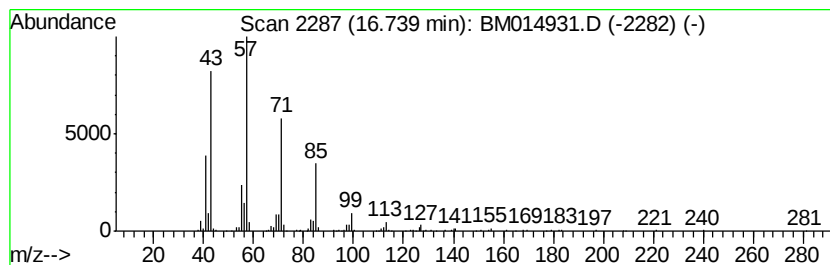
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	2.73 ng/ul	610164	Phenanthrene-d10	17.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	93
2			Hexadecane	226	C16H34	000544-76-3	91
3			Heptadecane	240	C17H36	000629-78-7	90
4			Hexadecane, 4-methyl-	240	C17H36	025117-26-4	87
5			Eicosane	282	C20H42	000112-95-8	86



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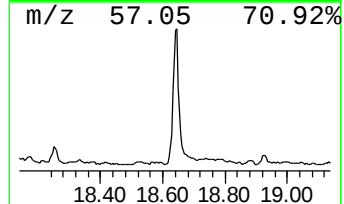
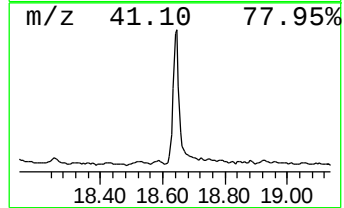
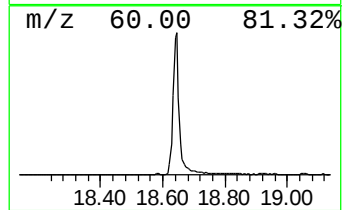
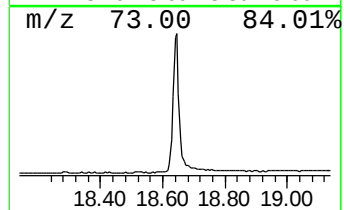
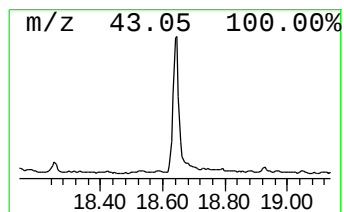
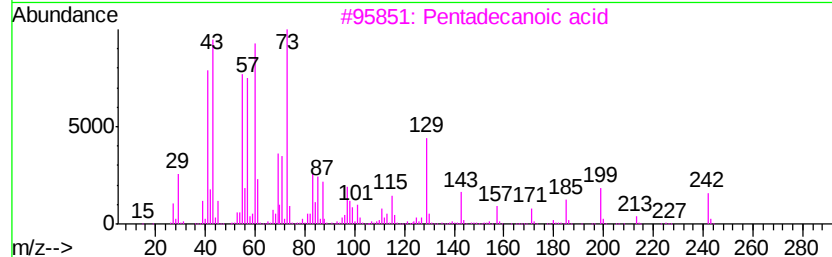
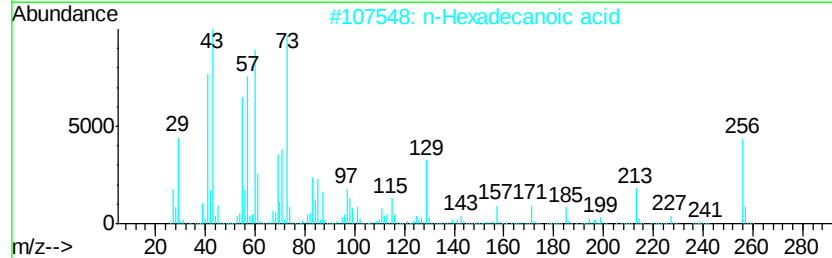
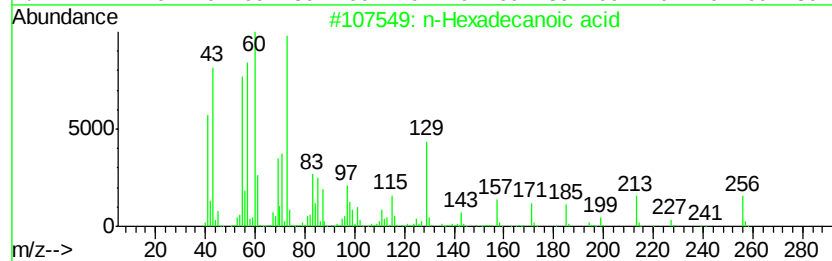
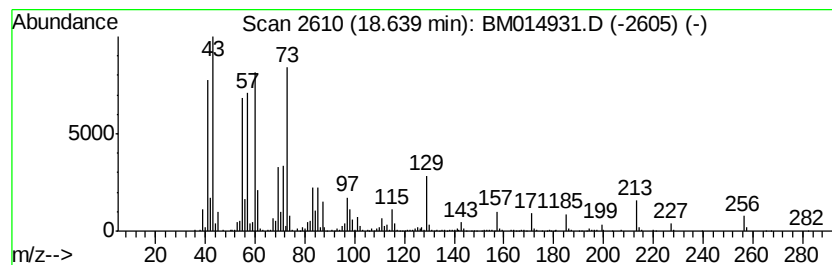
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	7.03 ng/ul	1570940	Phenanthrene-d10	17.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
Data File : BM014931.D
Acq On : 02 May 2018 20:17
Operator : SJ/JU
Sample : J2631-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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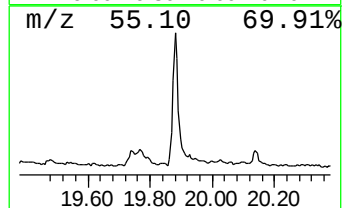
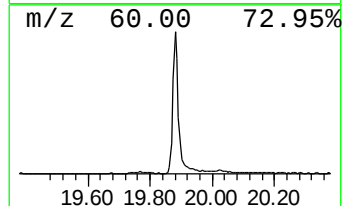
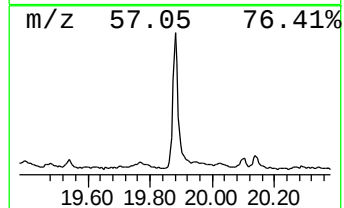
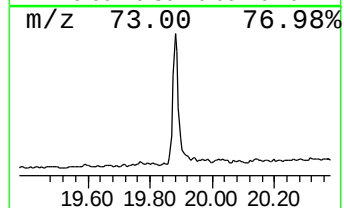
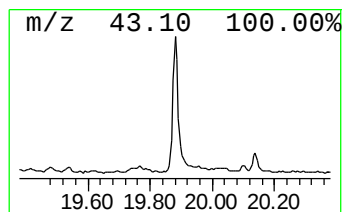
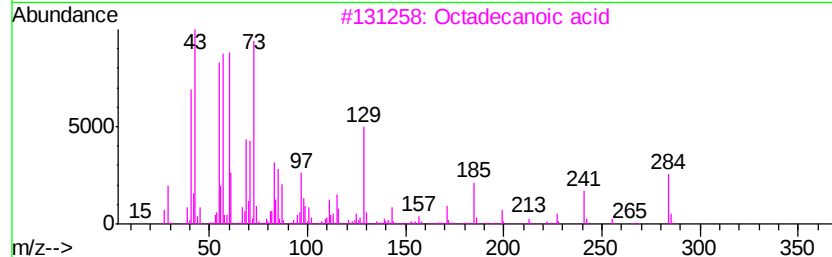
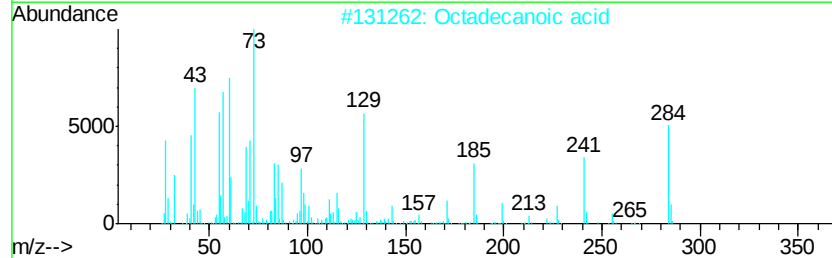
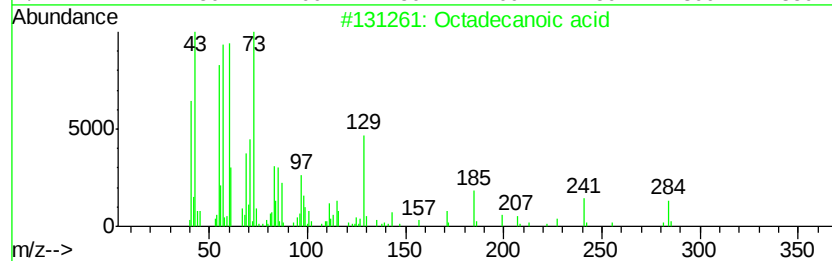
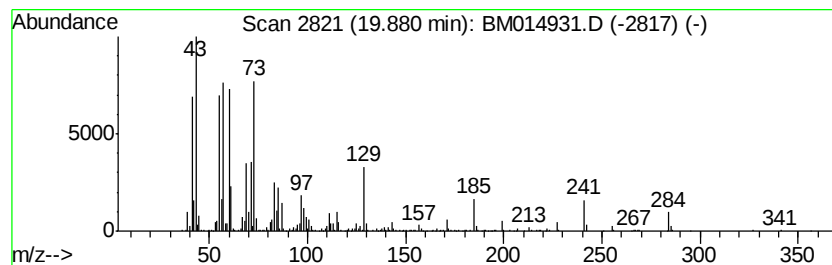
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	4.71 ng/ul	1046410	Chrysene-d12	21.90

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	99
4			Octadecanoic acid	284	C18H36O2	000057-11-4	99
5			Octadecanoic acid	284	C18H36O2	000057-11-4	87



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
Data File : BM014931.D
Acq On : 02 May 2018 20:17
Operator : SJ/JU
Sample : J2631-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AH9

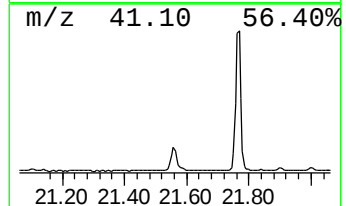
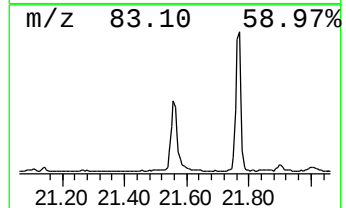
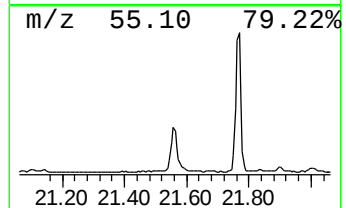
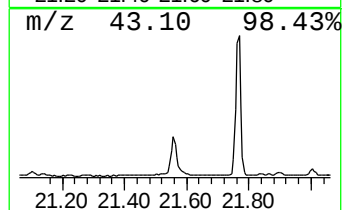
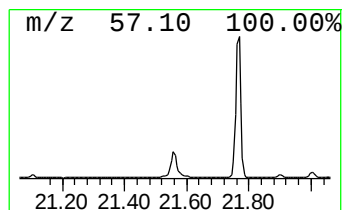
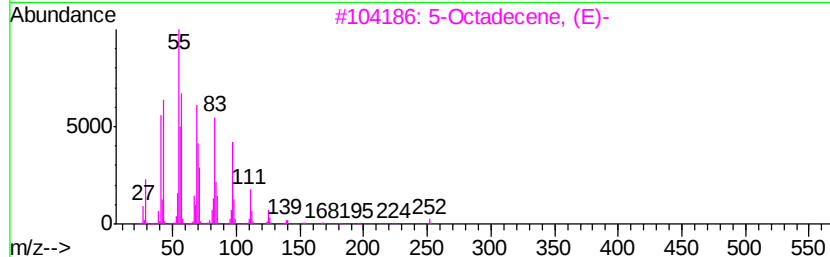
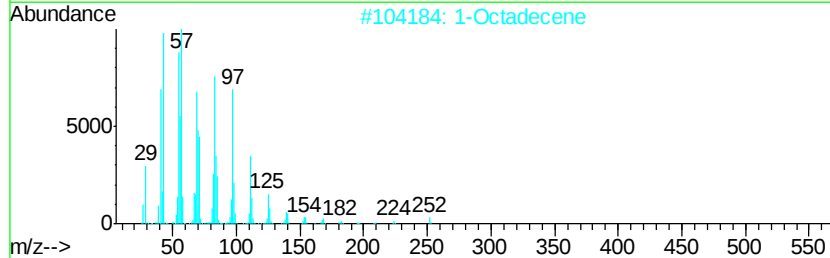
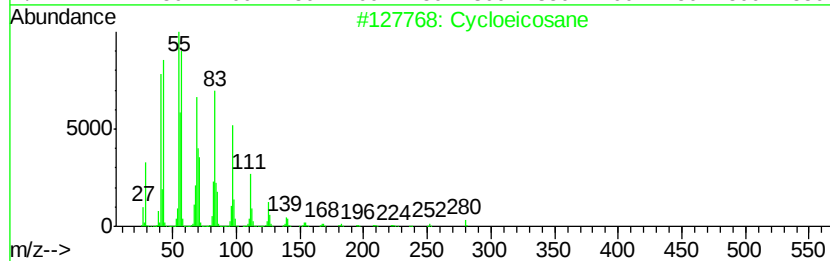
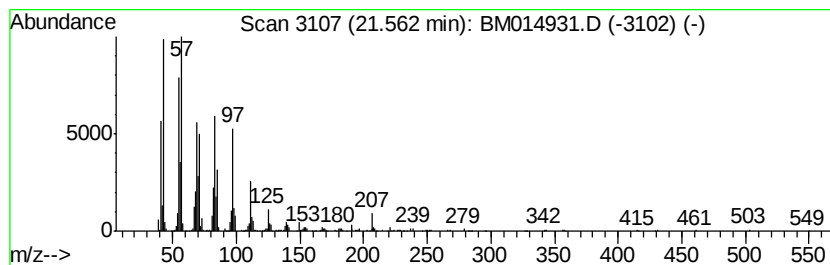
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic21.56 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	3.44 ng/ul	763831	Chrysene-d12	21.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cycloeicosane	280	C20H40	000296-56-0	96
2		1-Octadecene	252	C18H36	000112-88-9	94
3		5-Octadecene, (E)-	252	C18H36	007206-21-5	94
4		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
5		Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
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Operator : SJ/JU
Sample : J2631-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AH9

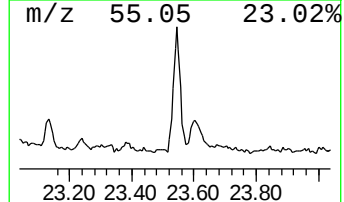
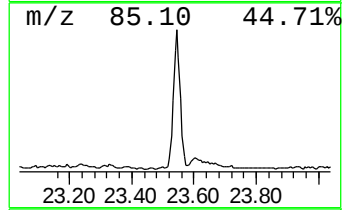
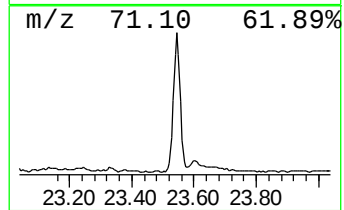
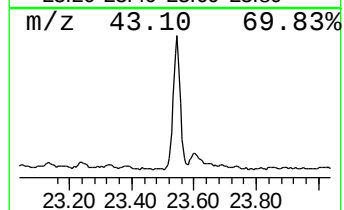
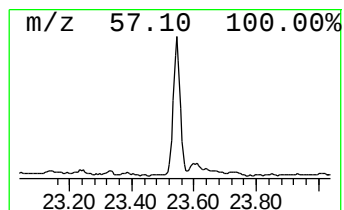
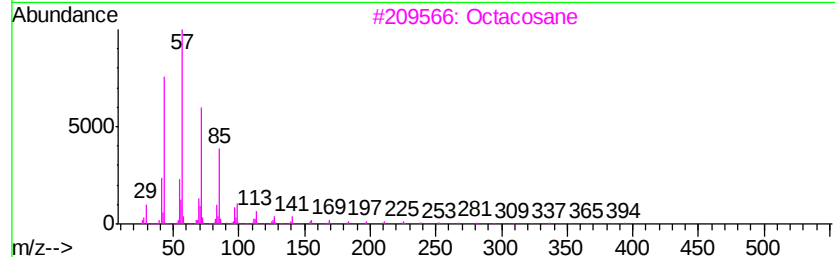
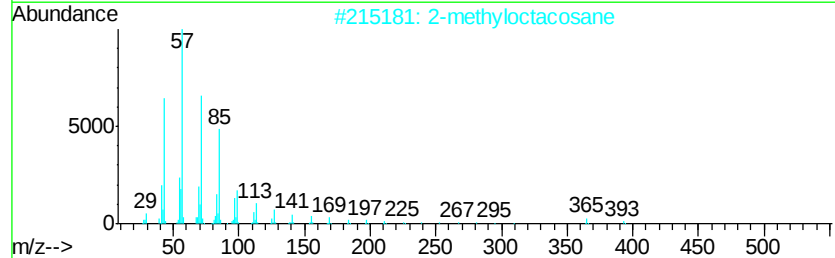
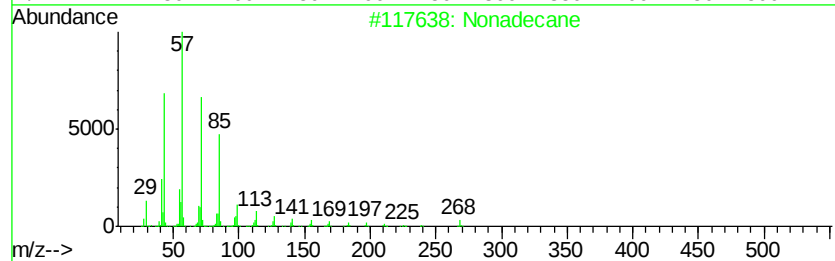
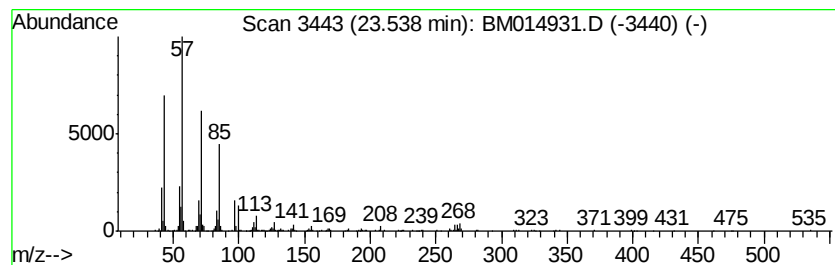
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.54	2.64 ng/ul	569741	Perylene-d12	24.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	89
2		2-methyloctacosane	408	C29H60	1000376-72-8	87
3		Octacosane	394	C28H58	000630-02-4	83
4		Hexacosane	366	C26H54	000630-01-3	81
5		Heptacosane	380	C27H56	000593-49-7	81



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050218\
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Acq On : 02 May 2018 20:17
Operator : SJ/JU
Sample : J2631-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.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
Butane, 2-methoxy...	3.33	29.3	ng/ul	3865640	1	8.49	2640940	20.0
2-Pentanone, 4-hy...	5.47	4.8	ng/ul	638592	1	8.49	2640940	20.0
(DEL) Alkane: Str...	15.89	2.1	ng/ul	457033	3	15.10	4250090	20.0
(DEL) Alkane: Str...	16.74	2.7	ng/ul	610164	4	17.82	4466830	20.0
n-Hexadecanoic acid	18.64	7.0	ng/ul	1570940	4	17.82	4466830	20.0
Octadecanoic acid	19.88	4.7	ng/ul	1046410	5	21.90	4442070	20.0
(DEL) Alkane: Cyc...	21.56	3.4	ng/ul	763831	5	21.90	4442070	20.0
(DEL) Alkane: Str...	23.54	2.6	ng/ul	569741	6	24.38	4319100	20.0