

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
 Data File : BM014934.D
 Acq On : 02 May 2018 22:09
 Operator : SJ/JU
 Sample : J2631-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AG9

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	2915381	3802944	39.04%	2.785%
2	3.640	55	60	70	rVB	163107	223991	2.30%	0.164%
3	5.175	309	321	329	rBV3	51136	132349	1.36%	0.097%
4	5.475	367	372	383	rBV	630525	962520	9.88%	0.705%
5	6.498	541	546	557	rBV	104345	171840	1.76%	0.126%
6	7.616	729	736	751	rBV	2578744	4469078	45.88%	3.273%
7	7.798	760	767	780	rBV	2031382	3229180	33.15%	2.365%
8	8.010	795	803	812	rBV	2597602	4326736	44.41%	3.168%
9	8.492	878	885	898	rVB	1589141	2601853	26.71%	1.905%
10	9.192	996	1004	1014	rBV	2898635	4761165	48.87%	3.486%
11	9.675	1078	1086	1094	rBV	2410028	4059661	41.67%	2.973%
12	10.404	1202	1210	1222	rBV	1983058	3326424	34.15%	2.436%
13	10.939	1293	1301	1313	rBV	2932241	5016181	51.49%	3.673%
14	11.339	1360	1369	1381	rBV	2041079	3608764	37.04%	2.643%
15	11.463	1381	1390	1409	rBV	2395869	4260852	43.74%	3.120%
16	14.492	1895	1905	1909	rBV	4609385	6457785	66.29%	4.729%
17	14.533	1909	1912	1918	rVB	737499	1001809	10.28%	0.734%
18	14.798	1950	1957	1968	rBV	5484256	8096810	83.12%	5.929%
19	14.951	1977	1983	1988	rBV	308901	389251	4.00%	0.285%
20	15.098	2001	2008	2016	rVB2	2730634	4128804	42.38%	3.023%
21	15.257	2029	2035	2050	rBV	1963076	2966563	30.45%	2.172%
22	15.557	2082	2086	2094	rBV2	71165	106053	1.09%	0.078%
23	15.886	2138	2142	2147	rVB	444470	540656	5.55%	0.396%
24	16.074	2168	2174	2181	rBV	6408698	9379866	96.29%	6.869%
25	16.180	2186	2192	2201	rBV	1890239	2689156	27.60%	1.969%
26	16.292	2203	2211	2213	rBV	101804	211471	2.17%	0.155%
27	16.739	2282	2287	2296	rBV	397862	646795	6.64%	0.474%
28	17.521	2416	2420	2424	rBV	179278	207400	2.13%	0.152%
29	17.809	2463	2469	2475	rBV2	2919512	4387342	45.04%	3.213%
30	17.909	2480	2486	2495	rVV2	6456916	9293077	95.40%	6.805%
31	18.645	2605	2611	2623	rBV	1347174	1910058	19.61%	1.399%
32	19.539	2760	2763	2769	rBV	67788	100846	1.04%	0.074%
33	19.745	2794	2798	2800	rBV	140473	189827	1.95%	0.139%
34	19.880	2817	2821	2832	rBV	773484	1041674	10.69%	0.763%

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35	20.039	2845	2848	2854	rVB	81969	110777	1.14%	0.081%
36	20.150	2861	2867	2880	rVB	7180144	9741680	100.00%	7.133%
37	20.744	2965	2968	2973	rBV4	112900	137025	1.41%	0.100%
38	21.556	3102	3106	3115	rBV	828191	1117275	11.47%	0.818%
39	21.768	3139	3142	3145	rVB	152149	161498	1.66%	0.118%
40	21.897	3159	3164	3170	rVB	3284753	4291686	44.05%	3.143%
41	22.474	3259	3262	3265	rBV	213208	297041	3.05%	0.218%
42	23.238	3388	3392	3399	rVB	562320	811149	8.33%	0.594%
43	23.544	3440	3444	3448	rBV	545265	794916	8.16%	0.582%
44	23.597	3448	3453	3469	rVB	1804337	3543937	36.38%	2.595%
45	24.221	3552	3559	3574	rVB	4617417	9724050	99.82%	7.121%
46	24.380	3579	3586	3597	rVB2	2031700	4253731	43.67%	3.115%
47	24.538	3609	3613	3622	rVB	641312	1158086	11.89%	0.848%
48	24.909	3671	3676	3686	rVB	851428	1721189	17.67%	1.260%

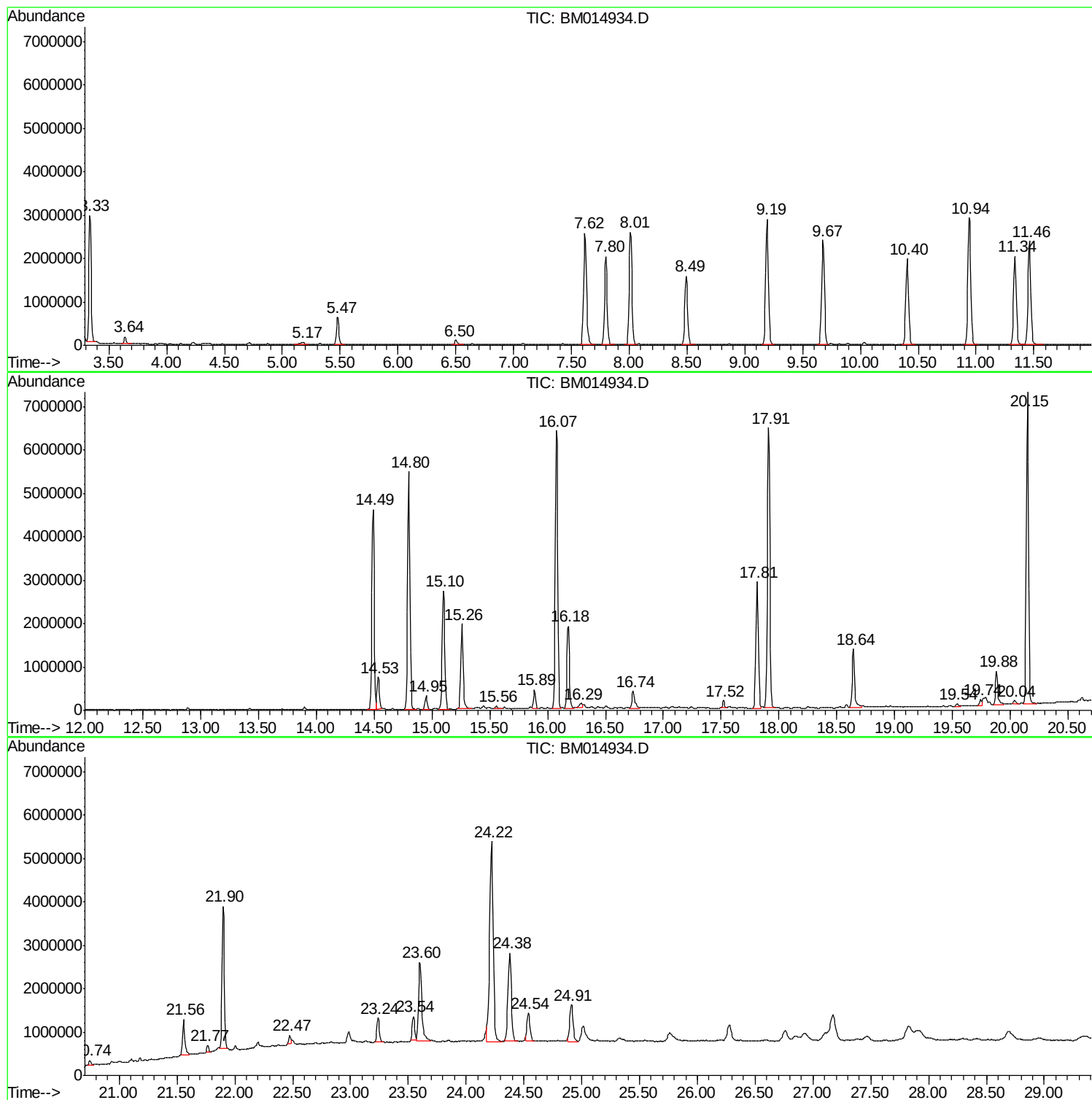
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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



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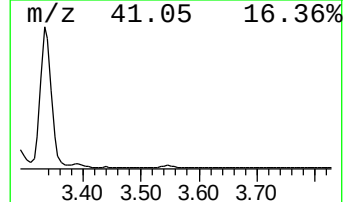
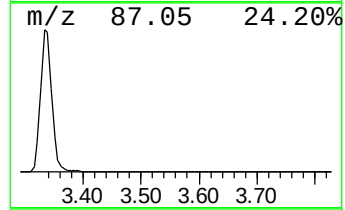
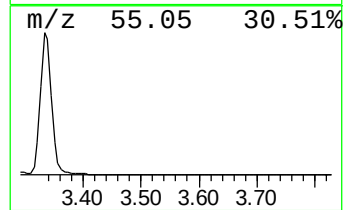
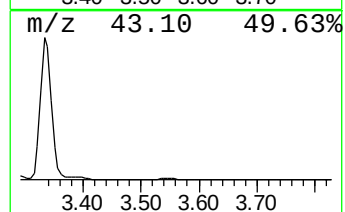
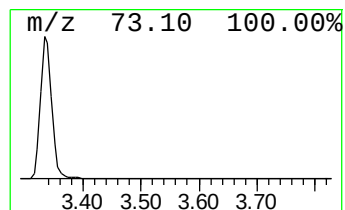
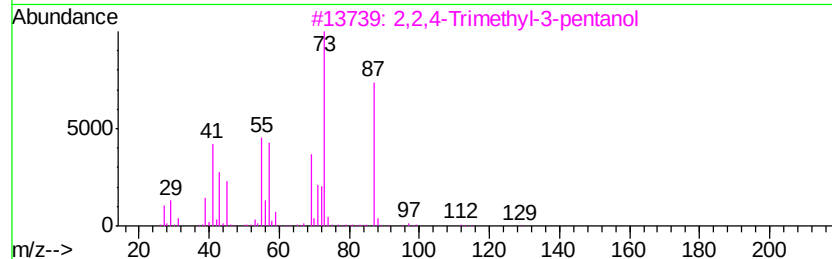
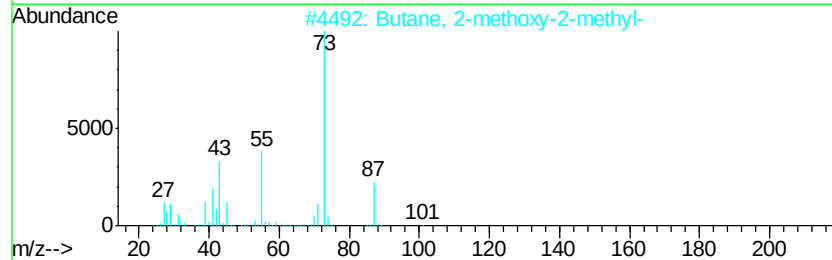
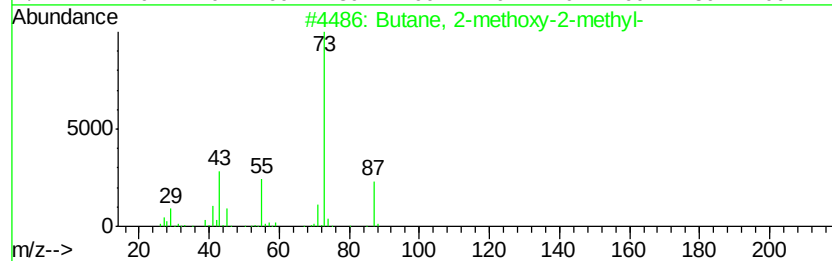
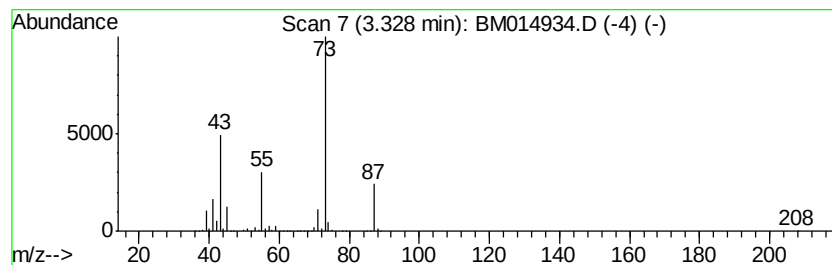
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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	29.23 ng/ul	3802940	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	50
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	38



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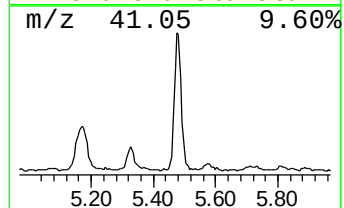
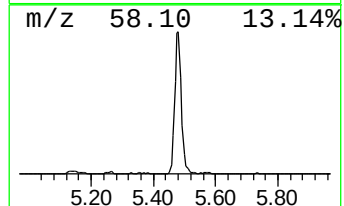
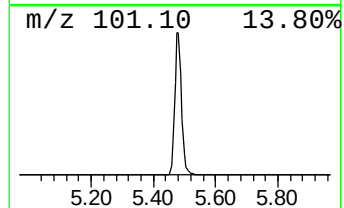
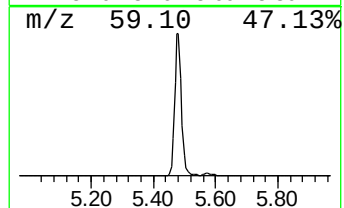
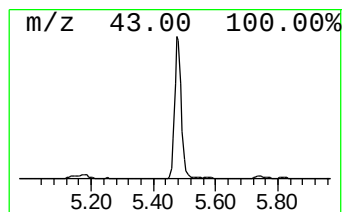
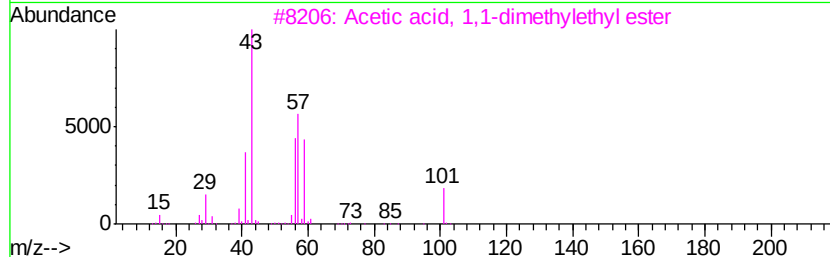
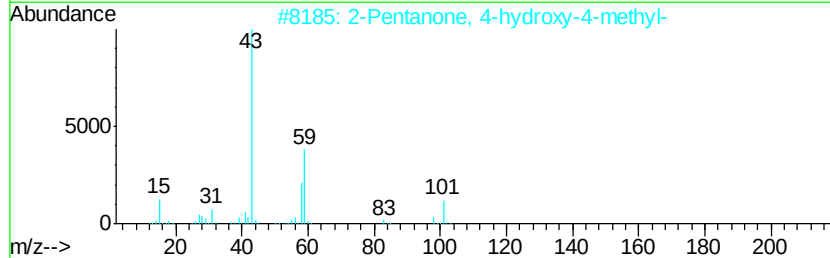
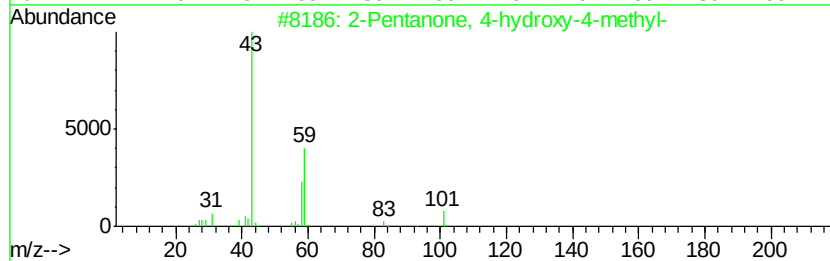
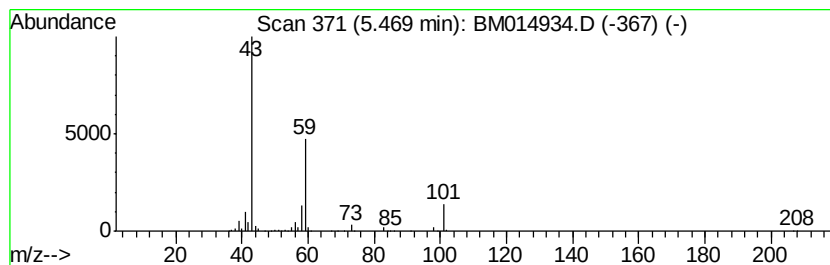
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.47	7.40 ng/ul	962520	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	64
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
3		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	12



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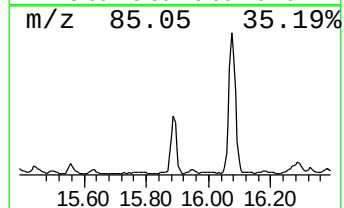
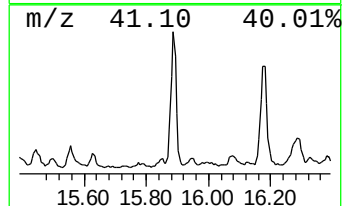
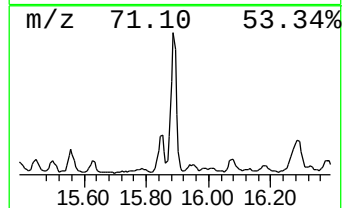
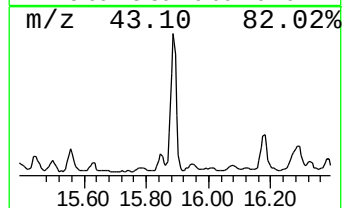
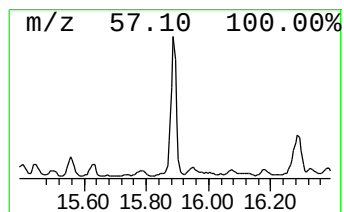
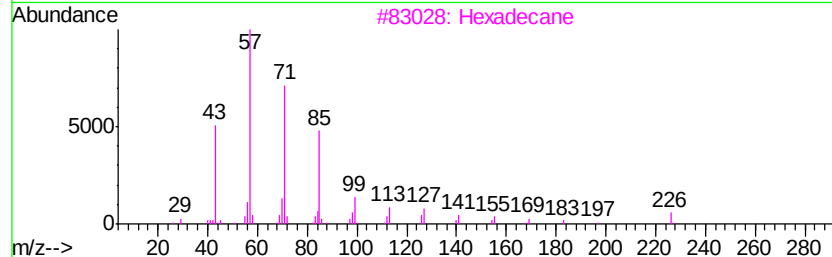
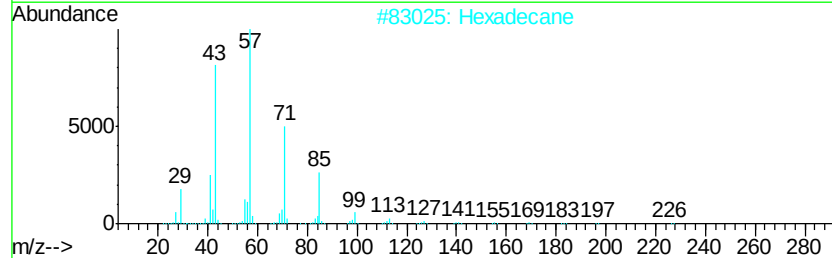
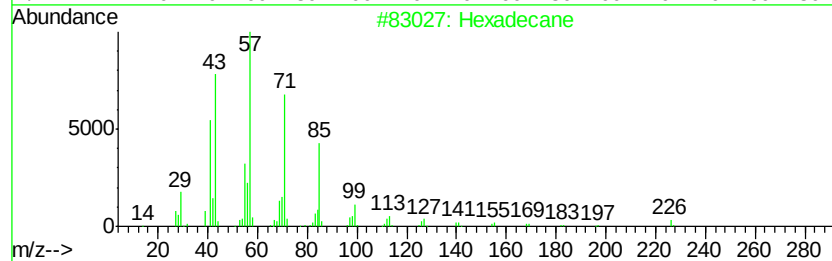
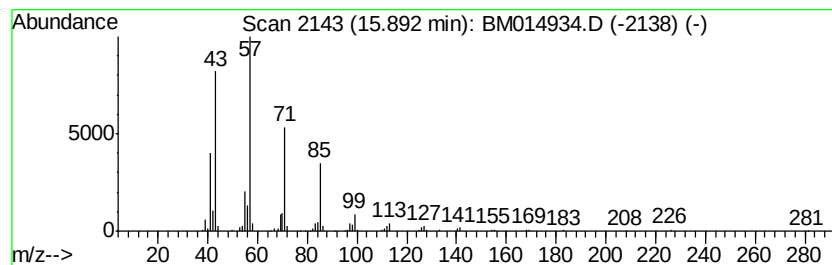
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	2.62 ng/ul	540656	Acenaphthene-d10	15.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	94
2		Hexadecane	226	C16H34	000544-76-3	91
3		Hexadecane	226	C16H34	000544-76-3	90
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
5		Hexadecane	226	C16H34	000544-76-3	89



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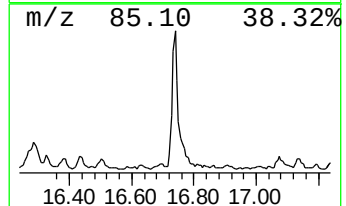
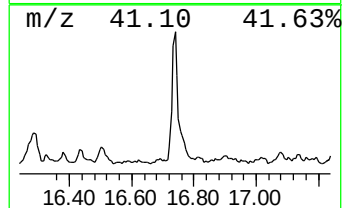
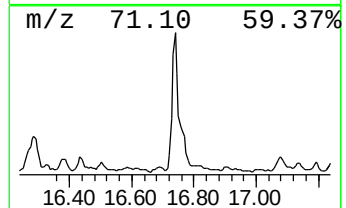
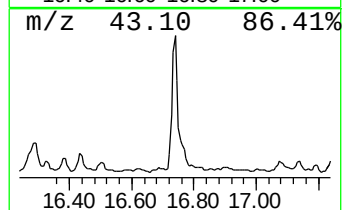
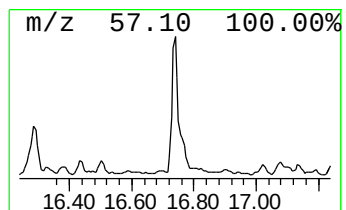
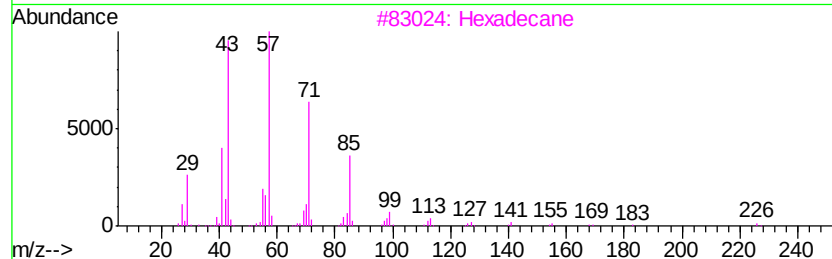
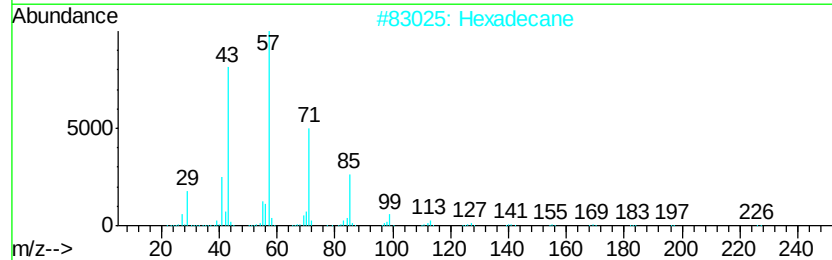
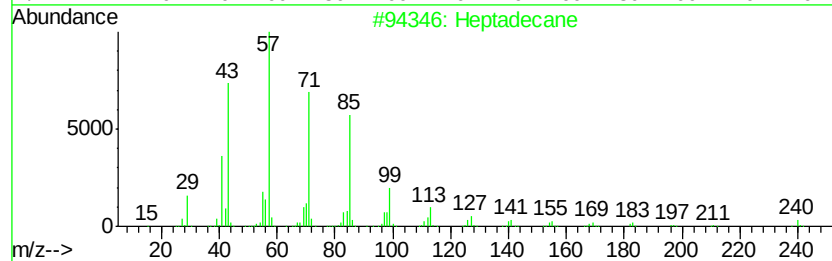
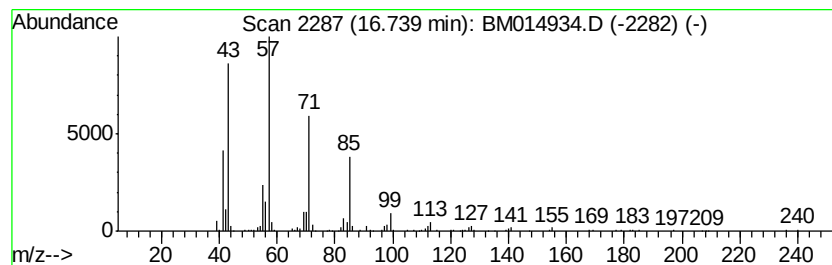
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	2.95 ng/ul	646795	Phenanthrene-d10	17.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	94
2		Hexadecane	226	C16H34	000544-76-3	91
3		Hexadecane	226	C16H34	000544-76-3	87
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5		Heptadecane	240	C17H36	000629-78-7	86



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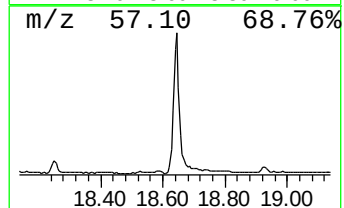
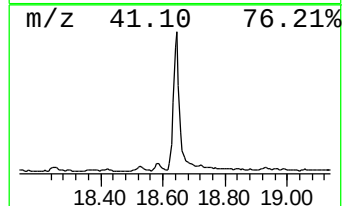
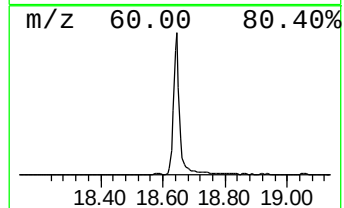
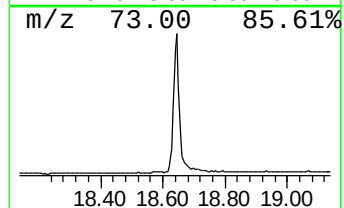
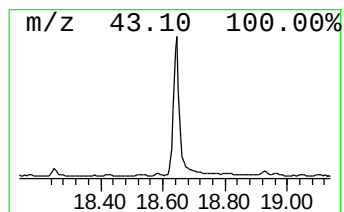
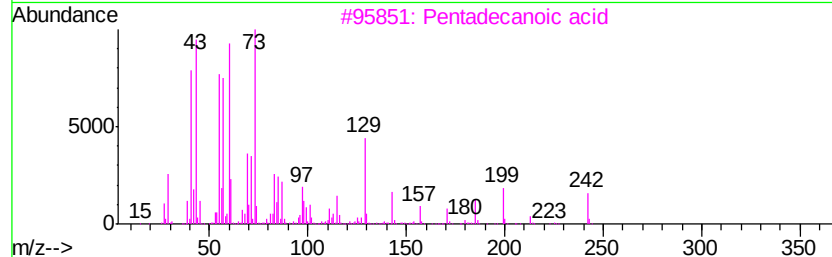
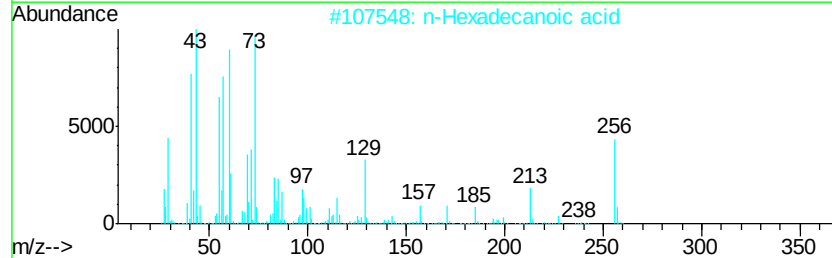
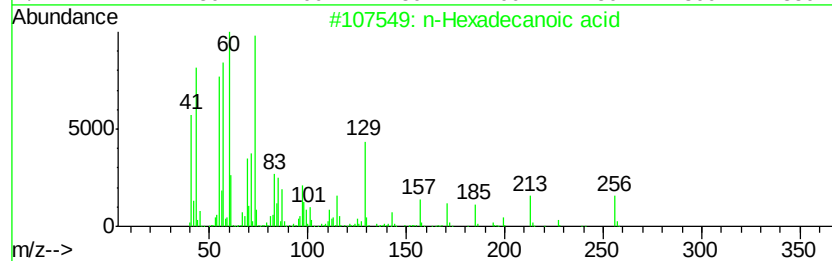
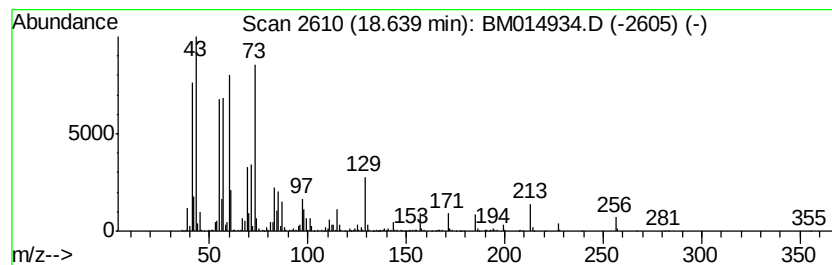
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	8.71 ng/ul	1910060	Phenanthrene-d10	17.81

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	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Octadecanoic acid	284	C18H36O2	000057-11-4	87
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	83



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
Data File : BM014934.D
Acq On : 02 May 2018 22:09
Operator : SJ/JU
Sample : J2631-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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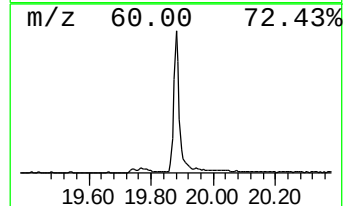
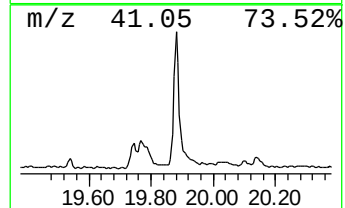
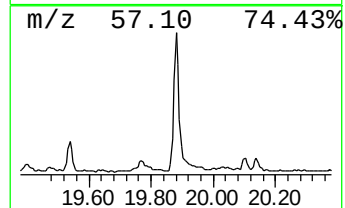
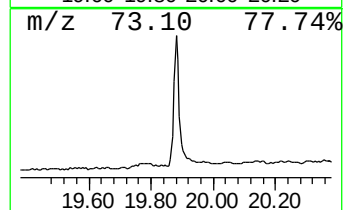
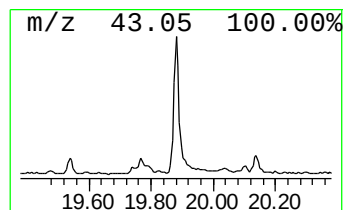
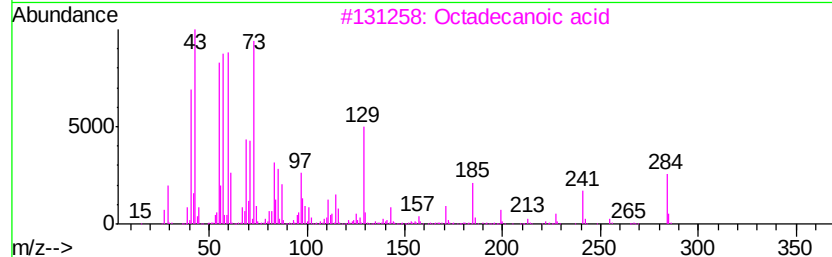
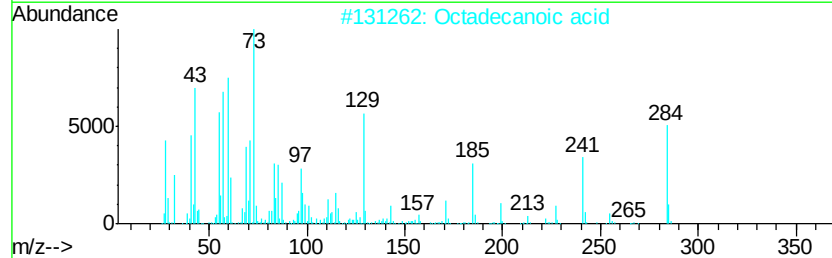
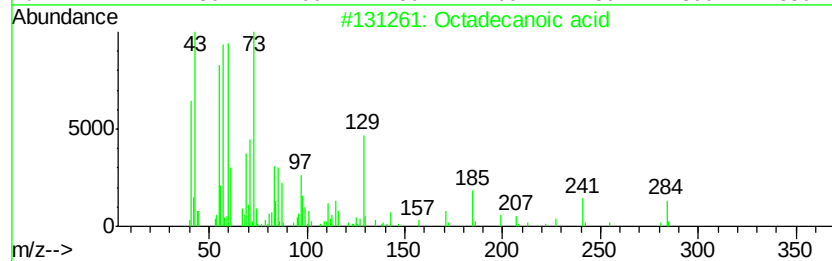
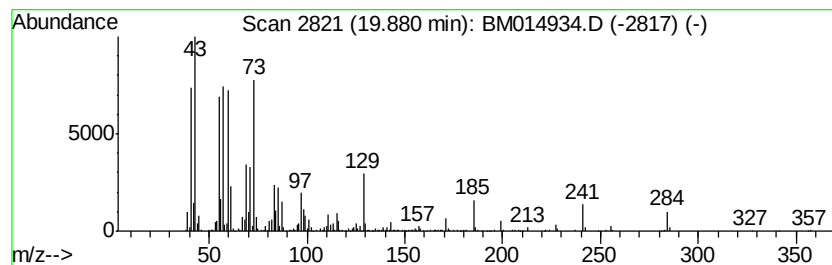
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	4.85 ng/ul	1041670	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	98	
5	Octadecanoic acid	284	C18H36O2	000057-11-4	95	



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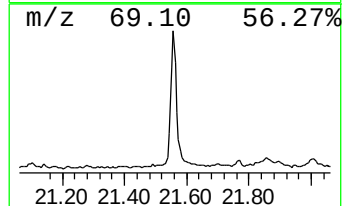
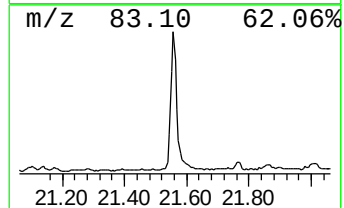
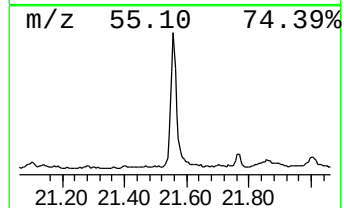
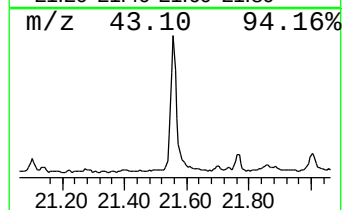
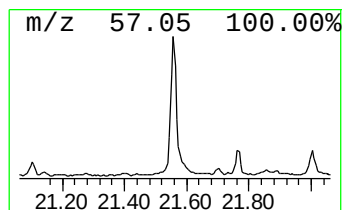
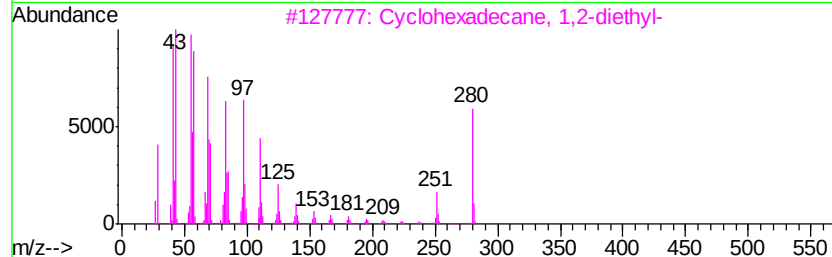
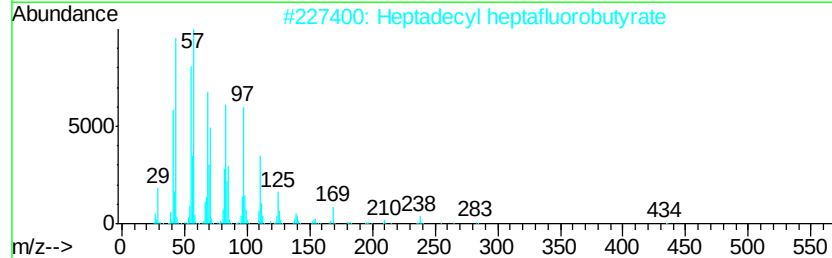
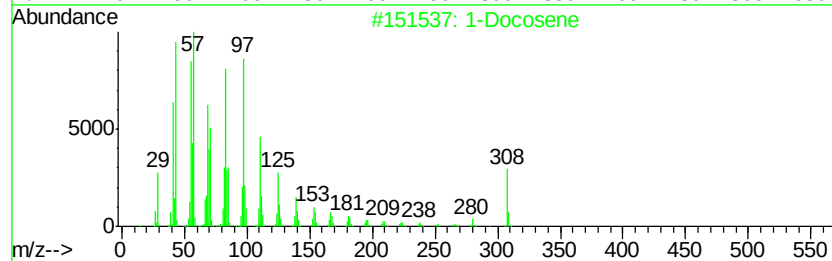
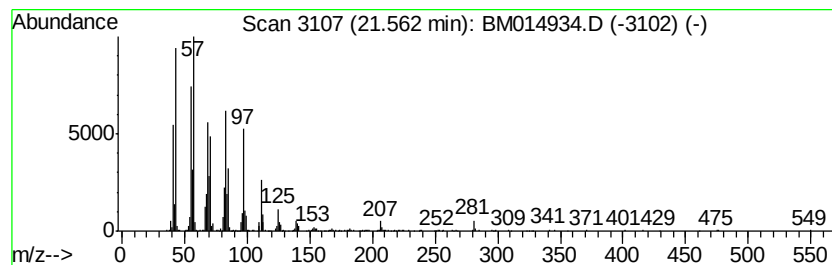
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	5.21 ng/ul	1117280	Chrysene-d12	21.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	99
2		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3		Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	93
4		1-Eicosene	280	C20H40	003452-07-1	93
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	92



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Data File : BM014934.D
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Sample : J2631-03
Misc :
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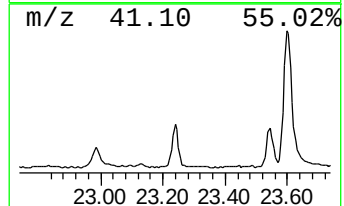
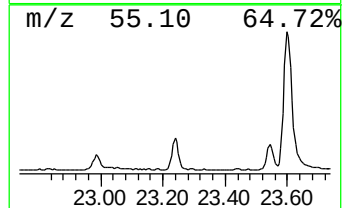
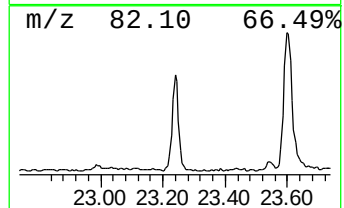
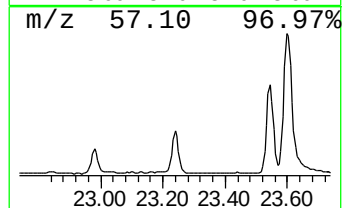
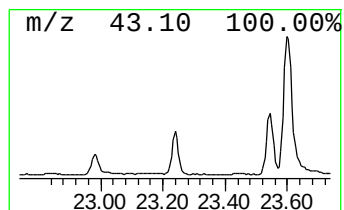
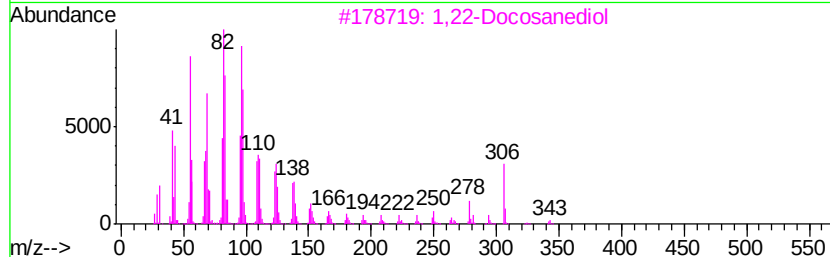
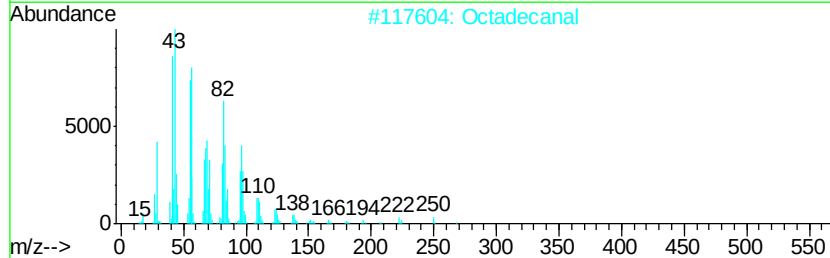
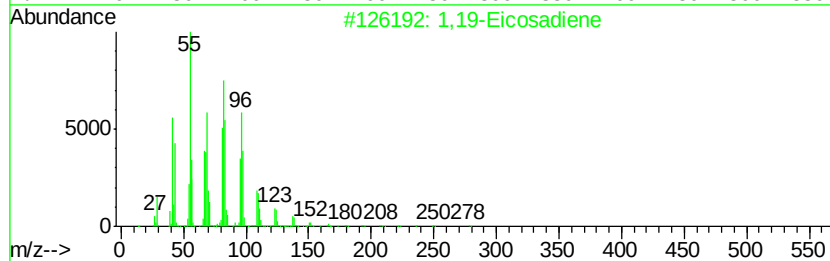
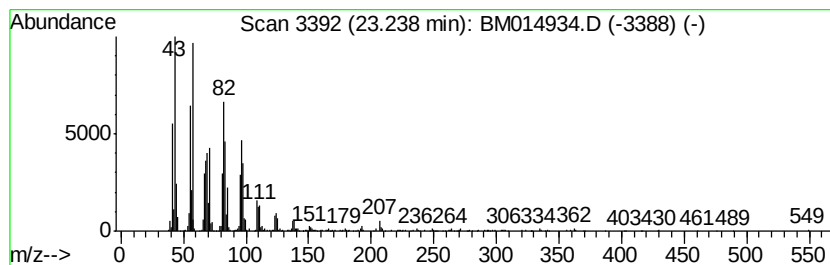
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 1,19-Eicosadiene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.24	3.81 ng/ul	811149	Perylene-d12	24.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,19-Eicosadiene	278	C20H38	014811-95-1	95
2		Octadecanal	268	C18H36O	000638-66-4	94
3		1,22-Docosanediol	342	C22H46O2	022513-81-1	92
4		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
5		Tetradecanal	212	C14H28O	000124-25-4	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
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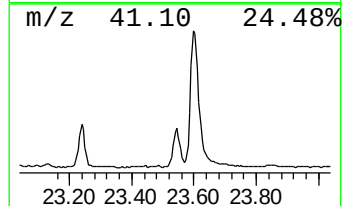
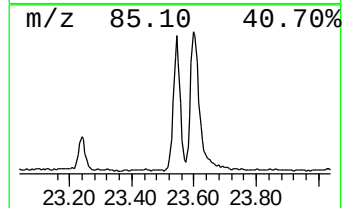
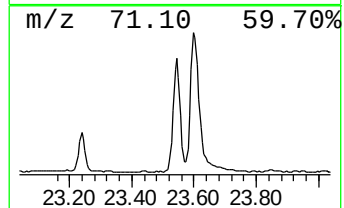
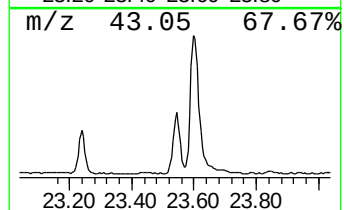
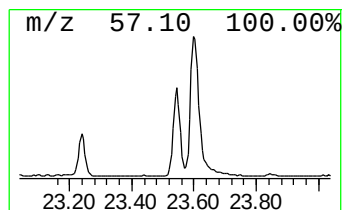
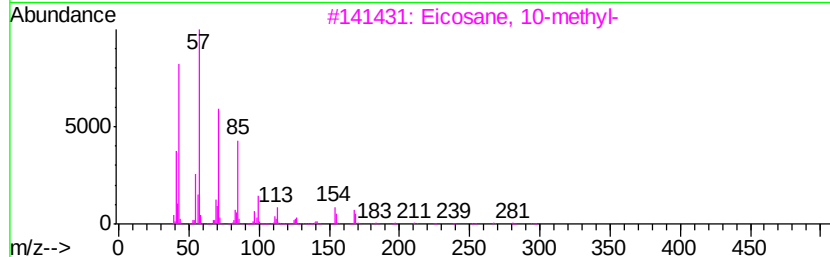
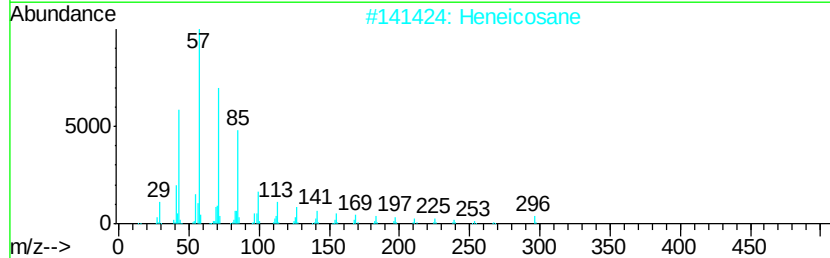
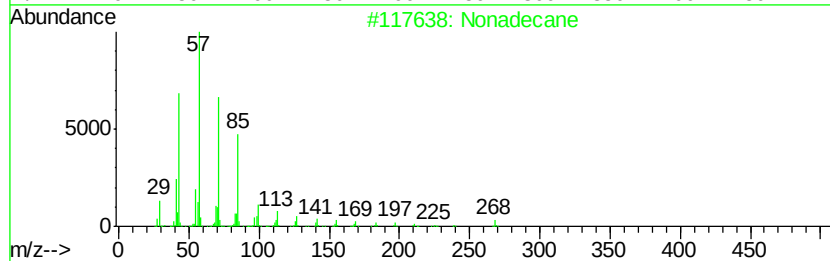
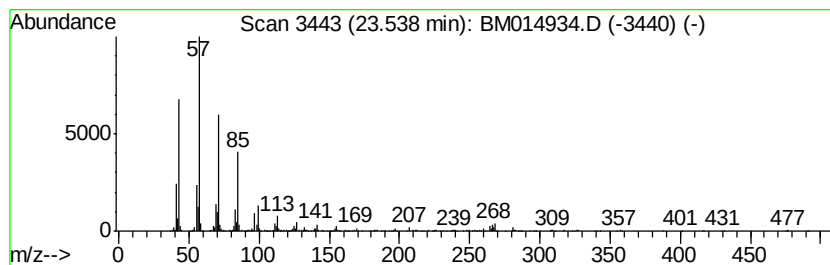
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.54	3.74 ng/ul	794916	Perylene-d12	24.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	94
2			Heneicosane	296	C21H44	000629-94-7	93
3			Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
4			Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
5			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91



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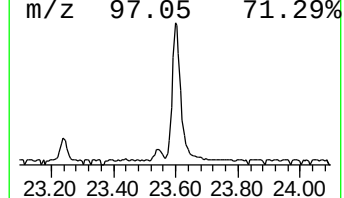
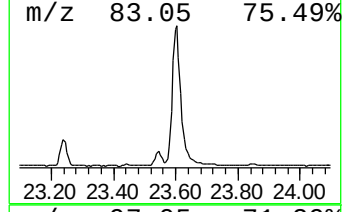
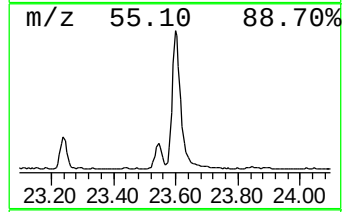
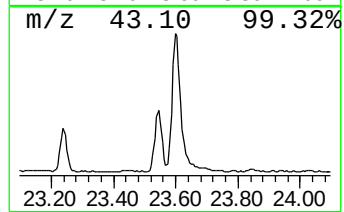
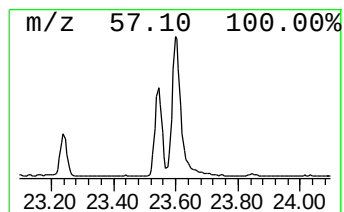
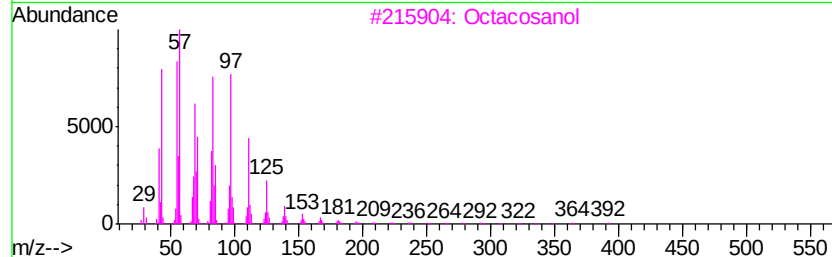
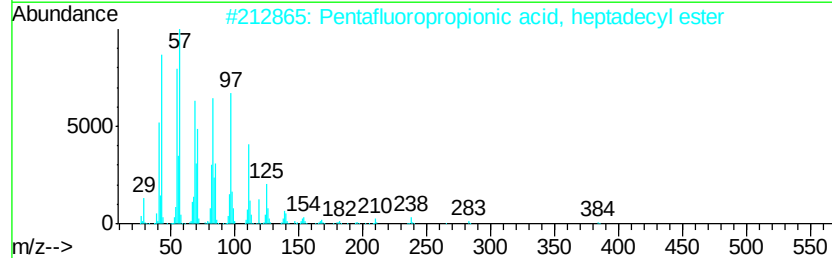
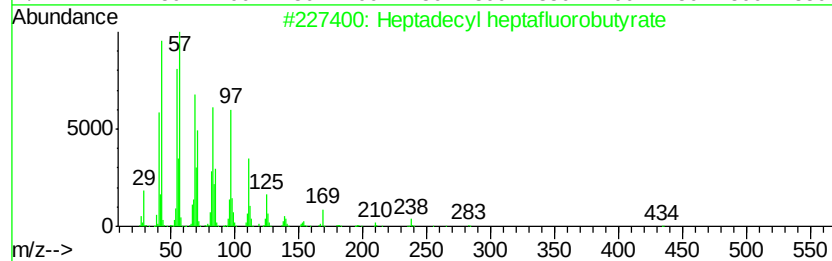
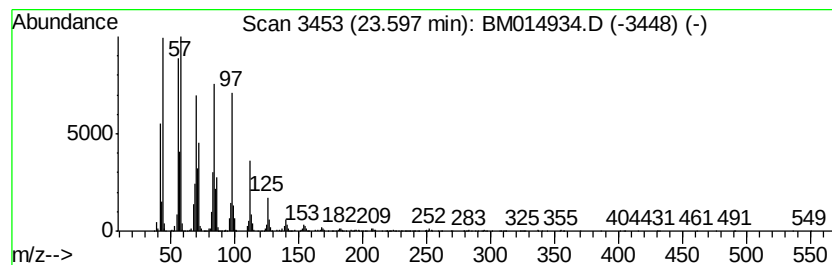
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Heptadecyl heptafluorobutyrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.60	16.66 ng/ul	3543940	Perylene-d12	24.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	94
3		Octacosanol	410	C28H58O	000557-61-9	94
4		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
5		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	94



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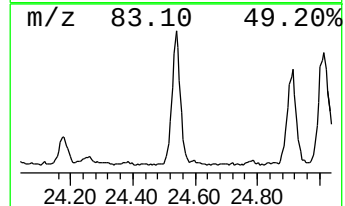
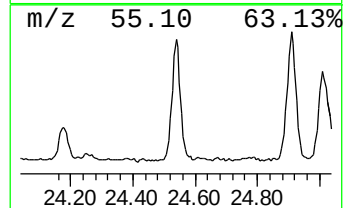
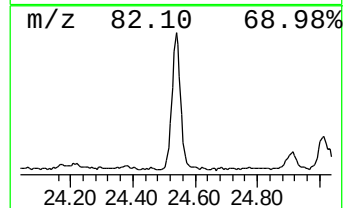
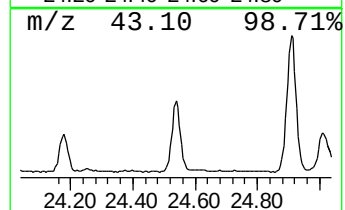
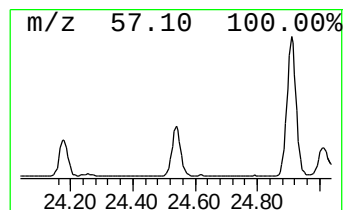
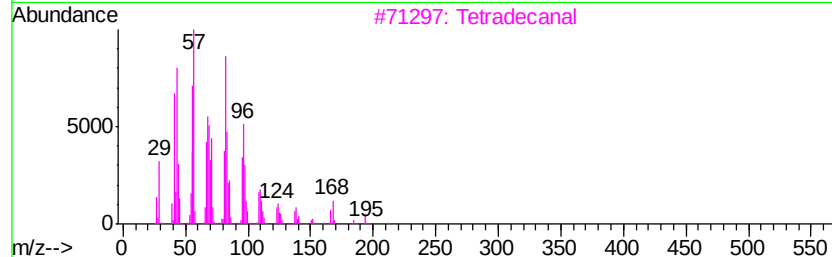
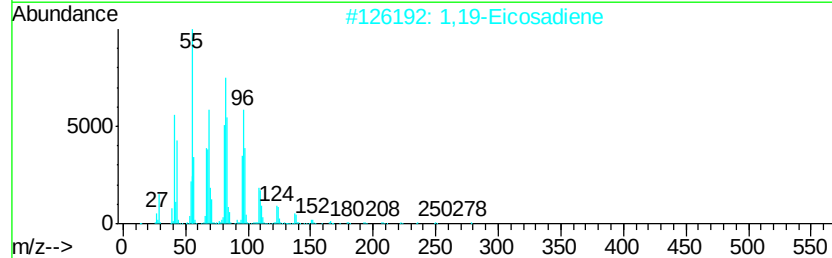
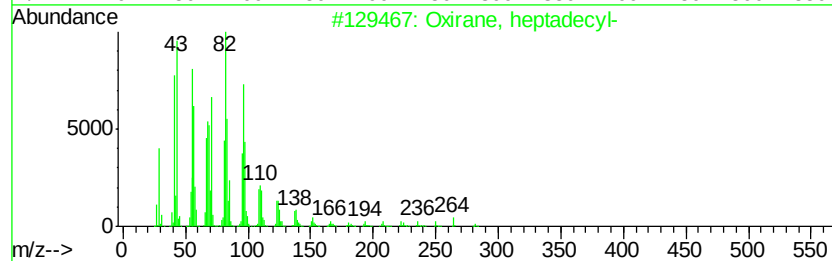
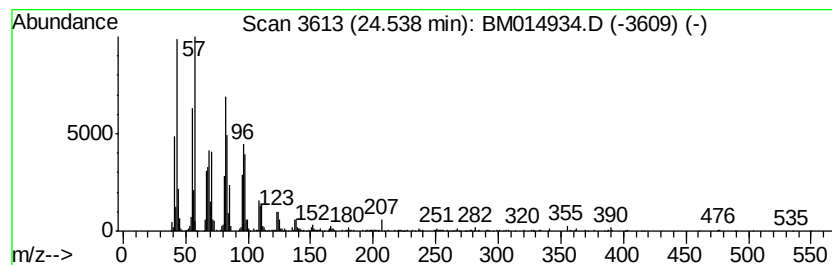
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Oxirane, heptadecyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.54	5.45 ng/ul	1158090	Perylene-d12	24.38
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Oxirane, heptadecyl-	282 C19H380	067860-04-2	95
2	1,19-Eicosadiene	278 C20H38	014811-95-1	94
3	Tetradecanal	212 C14H280	000124-25-4	91
4	Oxirane, hexadecyl-	268 C18H360	007390-81-0	91
5	Octadecanal	268 C18H360	000638-66-4	90



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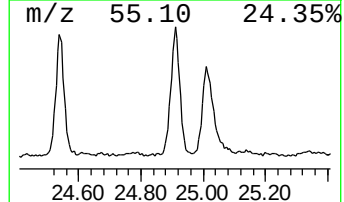
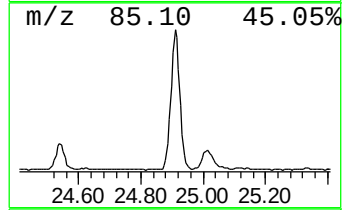
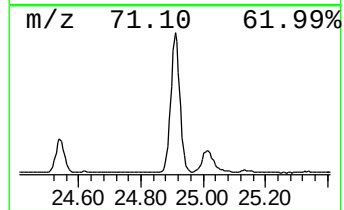
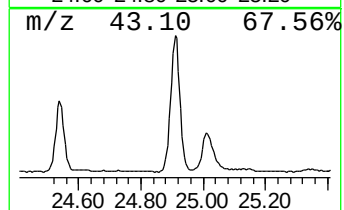
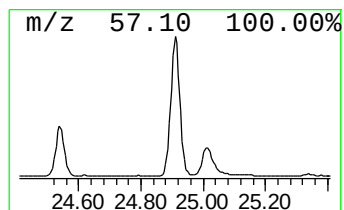
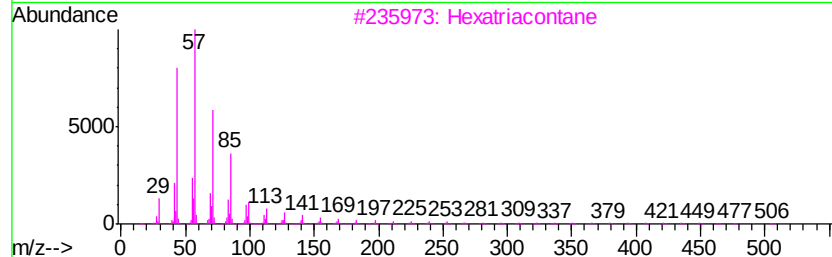
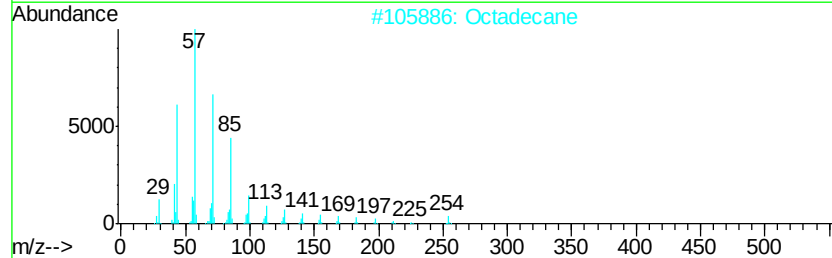
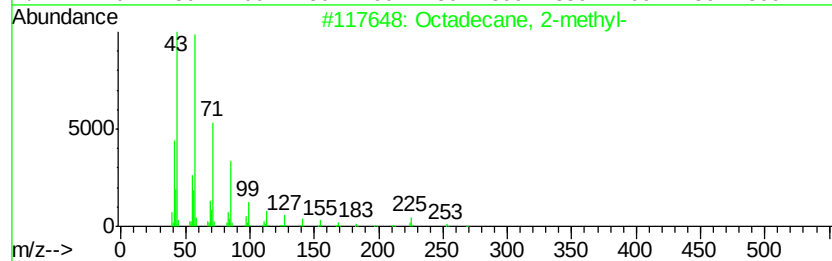
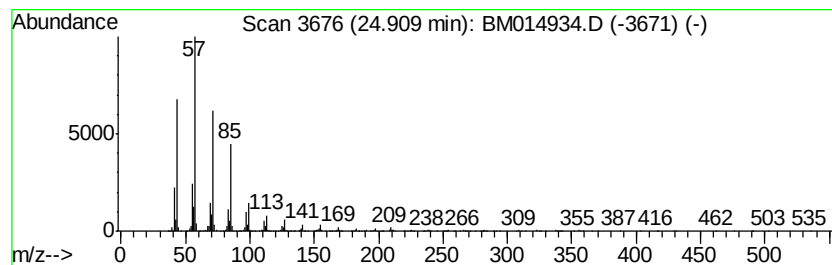
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.91	8.09 ng/ul	1721190	Perylene-d12	24.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
2			Octadecane	254	C18H38	000593-45-3	92
3			Hexatriacontane	507	C36H74	000630-06-8	91
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5			Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050218\
 Data File : BM014934.D
 Acq On : 02 May 2018 22:09
 Operator : SJ/JU
 Sample : J2631-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AG9

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	29.2	ng/ul	3802940	1	8.49	2601850	20.0
2-Pentanone, 4-hy...	5.47	7.4	ng/ul	962520	1	8.49	2601850	20.0
(DEL) Alkane: Str...	15.89	2.6	ng/ul	540656	3	15.10	4128800	20.0
(DEL) Alkane: Str...	16.74	3.0	ng/ul	646795	4	17.81	4387340	20.0
n-Hexadecanoic acid	18.64	8.7	ng/ul	1910060	4	17.81	4387340	20.0
Octadecanoic acid	19.88	4.8	ng/ul	1041670	5	21.90	4291690	20.0
(DEL) Alkane: Cyc...	21.56	5.2	ng/ul	1117280	5	21.90	4291690	20.0
1,19-Eicosadiene	23.24	3.8	ng/ul	811149	6	24.38	4253730	20.0
(DEL) Alkane: Str...	23.54	3.7	ng/ul	794916	6	24.38	4253730	20.0
Heptadecyl heptaf...	23.60	16.7	ng/ul	3543940	6	24.38	4253730	20.0
Oxirane, heptadecyl-	24.54	5.5	ng/ul	1158090	6	24.38	4253730	20.0
(DEL) Alkane: Str...	24.91	8.1	ng/ul	1721190	6	24.38	4253730	20.0