

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
 Data File : BM014928.D
 Acq On : 02 May 2018 18:25
 Operator : SJ/JU
 Sample : J2631-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH3

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	3.340	4	9	31	rVB	2918264	4155765	56.99%	3.808%
2	3.640	56	60	69	rVB	119320	170438	2.34%	0.156%
3	5.481	366	373	382	rBV	239916	366076	5.02%	0.335%
4	6.504	540	547	555	rBV	78854	134333	1.84%	0.123%
5	7.616	728	736	749	rBV	1968828	3396945	46.58%	3.112%
6	7.798	760	767	780	rBV	1563180	2523985	34.61%	2.313%
7	8.010	796	803	812	rBV	2013277	3293254	45.16%	3.017%
8	8.492	878	885	900	rVB	1506128	2489277	34.13%	2.281%
9	8.622	901	907	913	rBV	103244	155470	2.13%	0.142%
10	9.192	996	1004	1016	rBV	2140077	3565644	48.89%	3.267%
11	9.675	1079	1086	1096	rBV	1822139	3171405	43.49%	2.906%
12	10.404	1202	1210	1226	rBV	1448615	2479007	33.99%	2.271%
13	10.939	1292	1301	1316	rBV	2140956	3716174	50.96%	3.405%
14	11.333	1361	1368	1379	rBV	1961408	3451083	47.32%	3.162%
15	11.463	1381	1390	1401	rBV	1799201	3201783	43.91%	2.934%
16	14.492	1896	1905	1909	rBV	3388883	4836540	66.32%	4.431%
17	14.533	1909	1912	1918	rVB	533347	728972	10.00%	0.668%
18	14.798	1950	1957	1970	rBV	4155132	6024242	82.61%	5.520%
19	14.951	1974	1983	1990	rVB	214282	283763	3.89%	0.260%
20	15.098	2001	2008	2016	rBV2	2629109	3977452	54.54%	3.644%
21	15.257	2026	2035	2051	rBV	1348346	2096889	28.75%	1.921%
22	15.886	2138	2142	2147	rVB	310372	369342	5.06%	0.338%
23	16.074	2167	2174	2181	rBV	4775874	6982482	95.75%	6.398%
24	16.174	2185	2191	2201	rBV	1237194	1759368	24.13%	1.612%
25	16.286	2204	2210	2213	rBV	64993	135017	1.85%	0.124%
26	16.739	2282	2287	2295	rBV	252746	414413	5.68%	0.380%
27	17.521	2415	2420	2425	rBV	108623	142147	1.95%	0.130%
28	17.809	2463	2469	2475	rBV2	2793383	4033254	55.31%	3.695%
29	17.909	2480	2486	2496	rBV	4964237	6851954	93.96%	6.278%
30	18.639	2605	2610	2622	rBV	940624	1431160	19.63%	1.311%
31	19.745	2794	2798	2800	rBV	56230	75136	1.03%	0.069%
32	19.821	2808	2811	2816	rVB	70424	90228	1.24%	0.083%
33	19.880	2817	2821	2831	rBV	516730	726159	9.96%	0.665%
34	20.039	2845	2848	2855	rVB3	58104	76661	1.05%	0.070%

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35	20.150	2861	2867	2876	rVB	5136046	7244556	99.34%	6.638%
36	21.556	3102	3106	3117	rVB	1518146	2045817	28.05%	1.874%
37	21.768	3138	3142	3147	rBV	818841	912953	12.52%	0.836%
38	21.897	3159	3164	3170	rBV	2937780	3955988	54.25%	3.625%
39	22.474	3259	3262	3264	rBV	174051	213883	2.93%	0.196%
40	23.238	3389	3392	3398	rVB	286799	399333	5.48%	0.366%
41	23.544	3440	3444	3448	rBV	484076	688698	9.44%	0.631%
42	23.603	3449	3454	3475	rVB	1966746	4005388	54.92%	3.670%
43	24.221	3552	3559	3573	rVB	3563797	7292515	100.00%	6.682%
44	24.380	3579	3586	3596	rVB	1937936	3936209	53.98%	3.606%
45	24.915	3672	3677	3686	rVB	553308	1142352	15.66%	1.047%

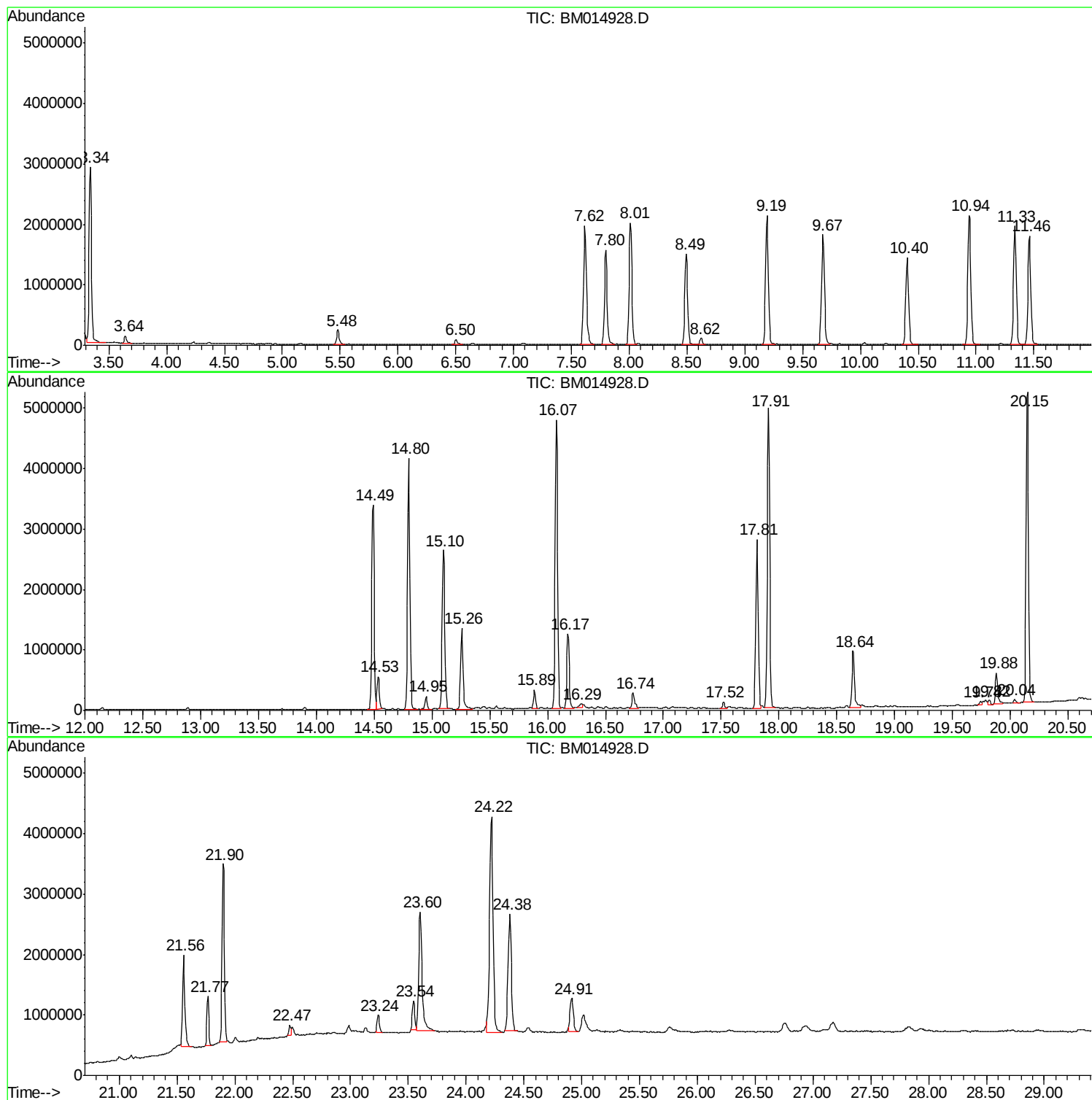
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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



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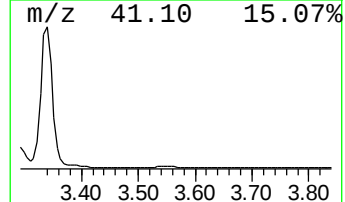
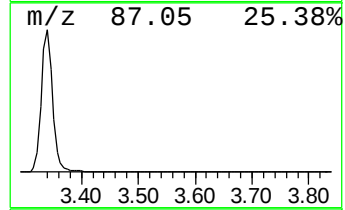
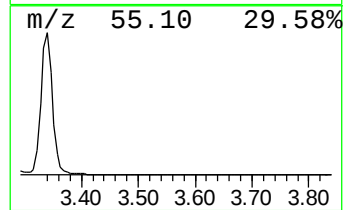
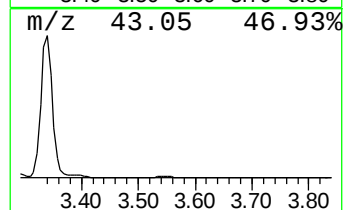
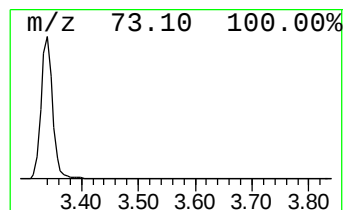
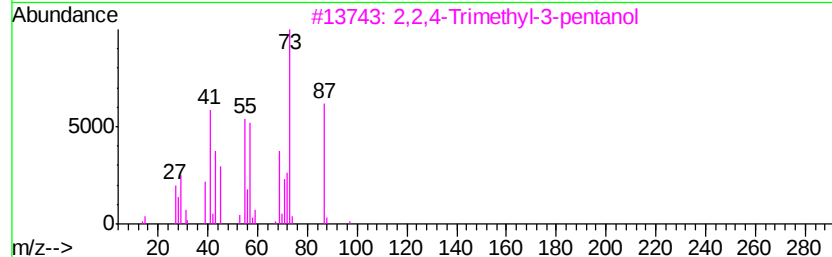
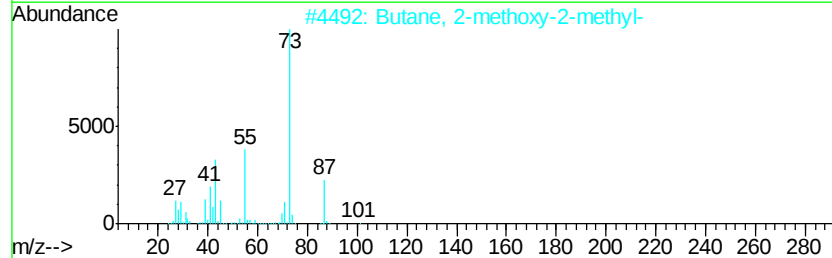
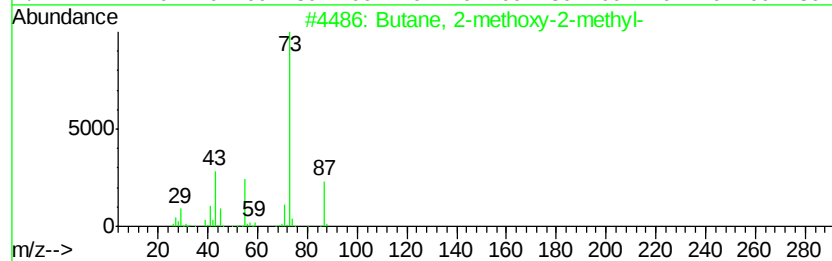
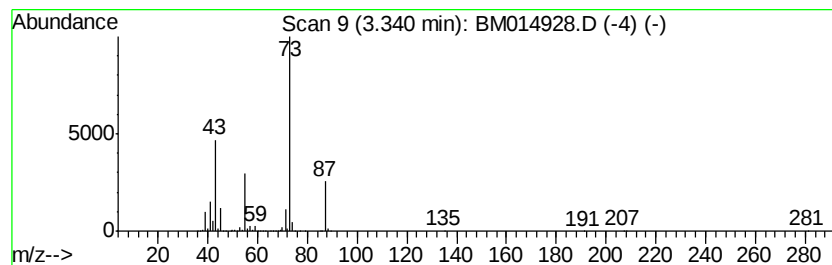
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Quant Title : SVOA CALIBRATION

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.
3.34	33.39 ng/ul	4155770	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		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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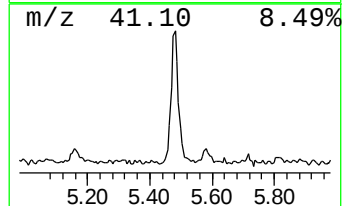
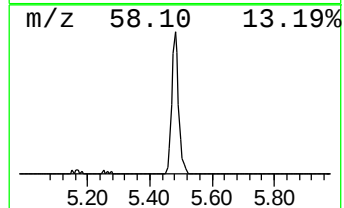
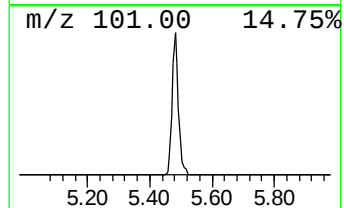
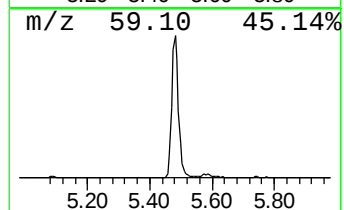
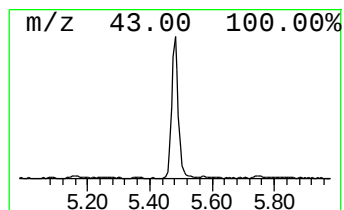
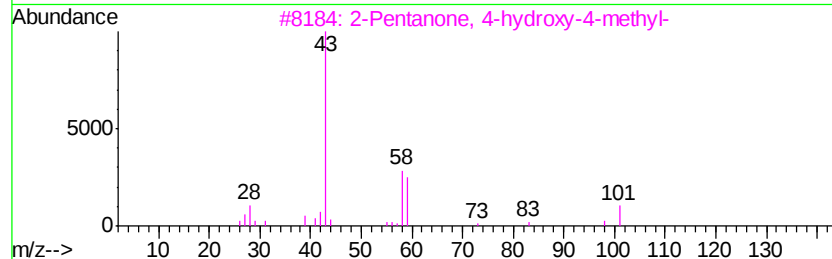
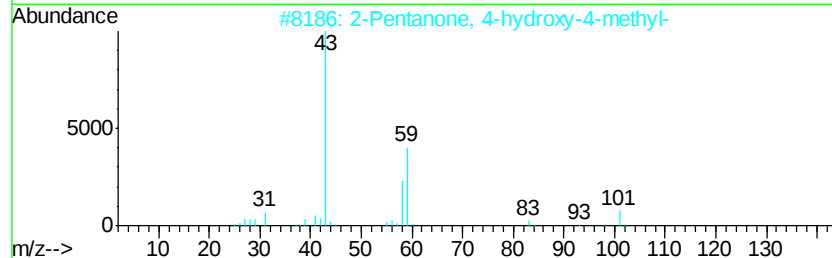
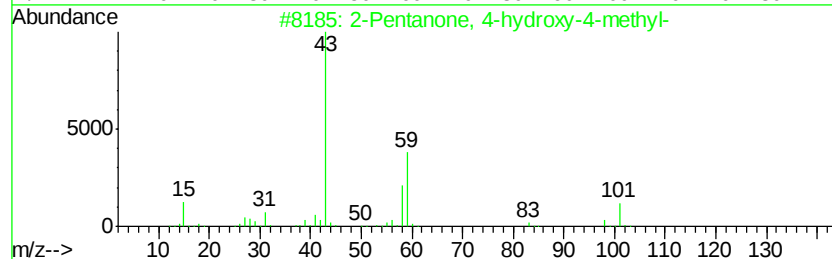
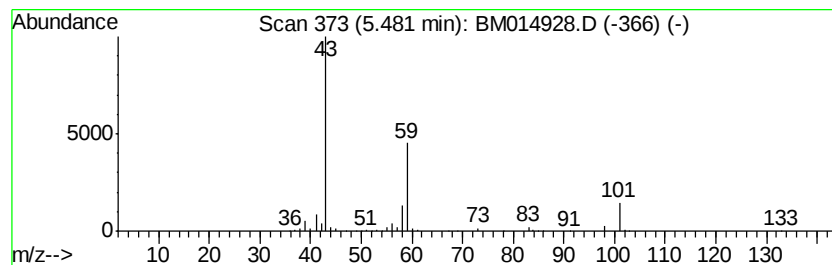
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.48	2.94 ng/ul	366076	1,4-Dichlorobenzene-d4	8.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	25
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10



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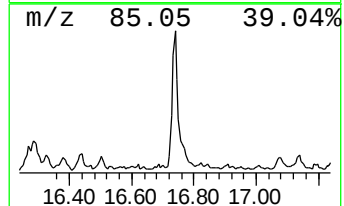
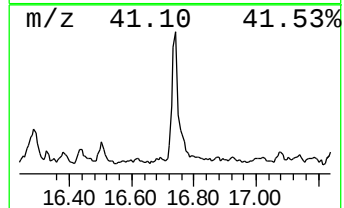
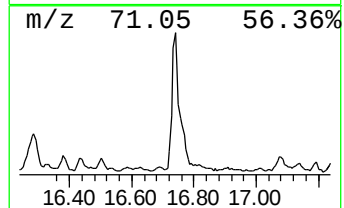
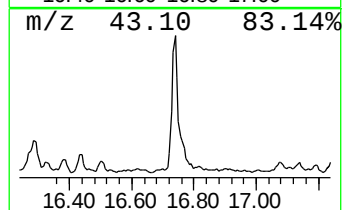
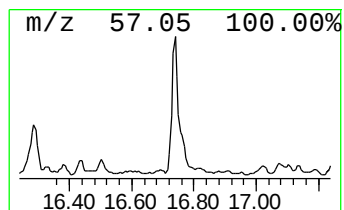
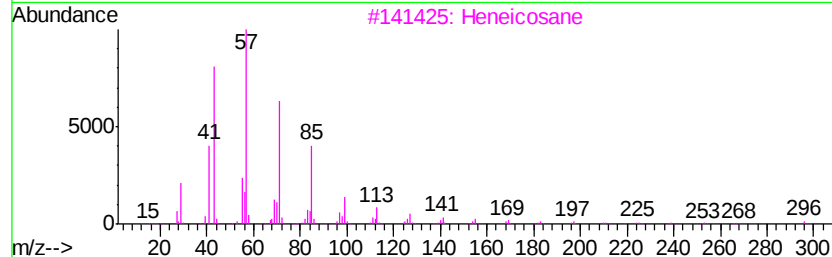
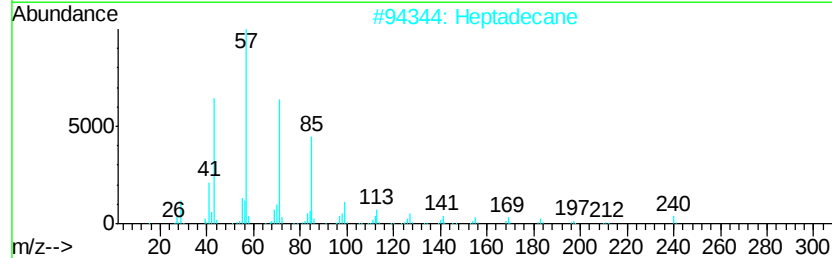
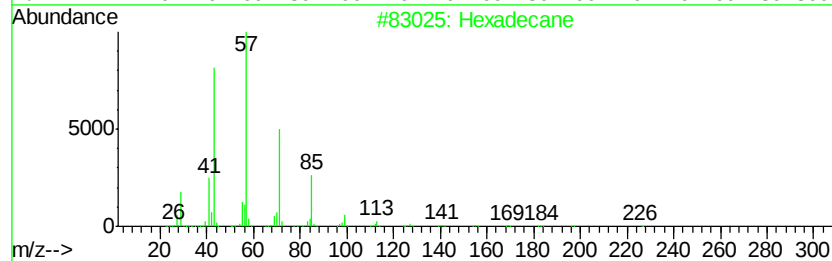
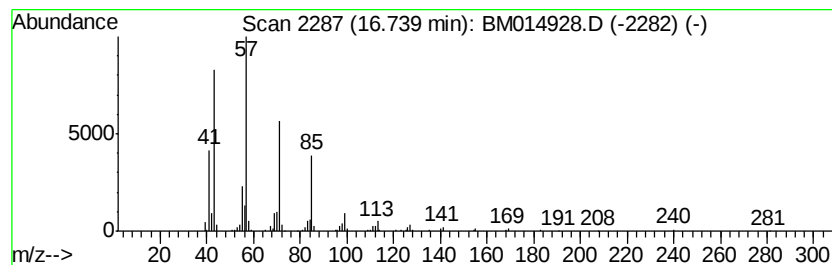
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	2.05 ng/ul	414413	Phenanthrene-d10	17.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Heptadecane	240	C17H36	000629-78-7	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Tridecane	184	C13H28	000629-50-5	87
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



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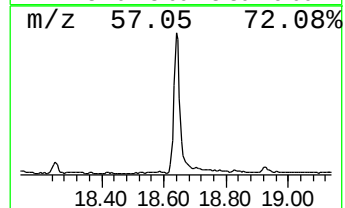
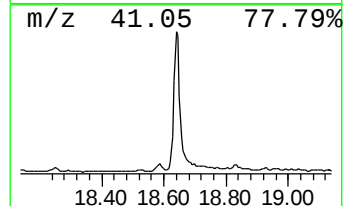
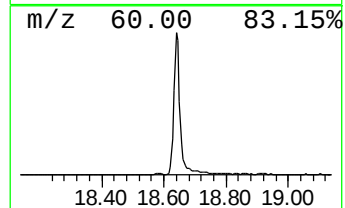
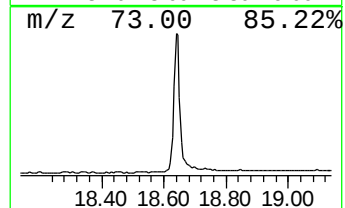
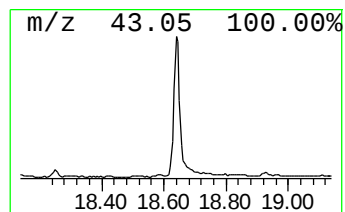
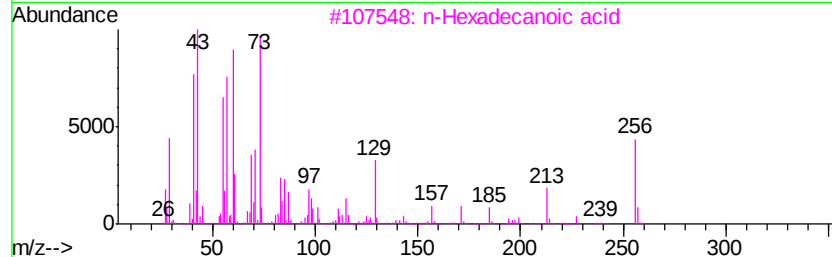
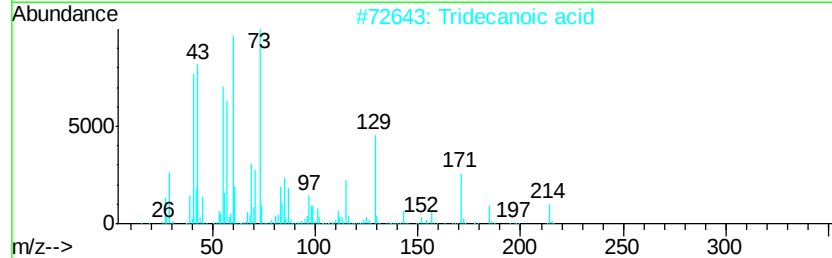
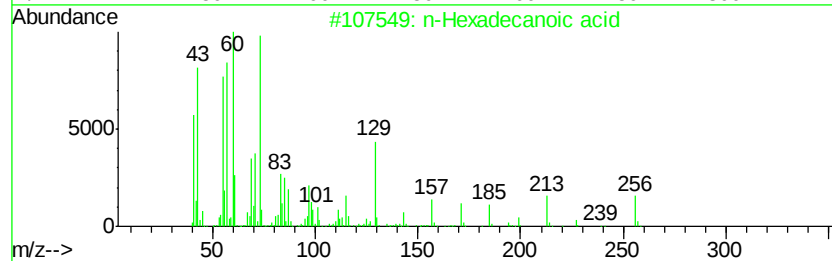
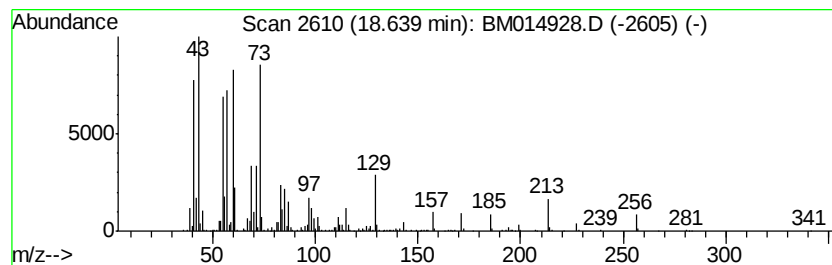
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	7.10 ng/ul	1431160	Phenanthrene-d10	17.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	94
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	90



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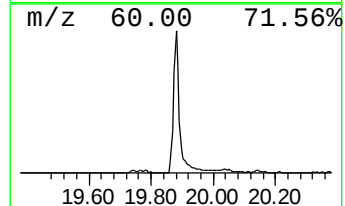
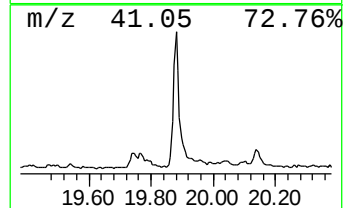
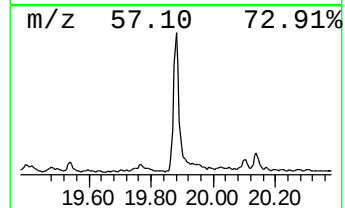
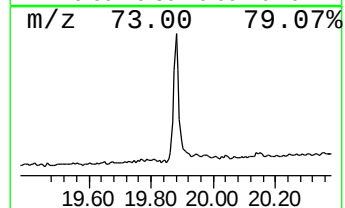
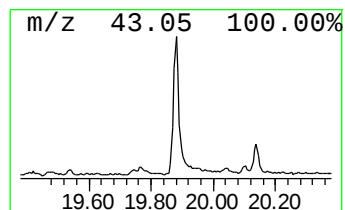
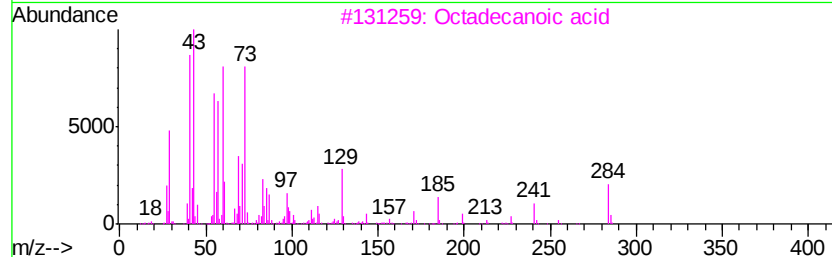
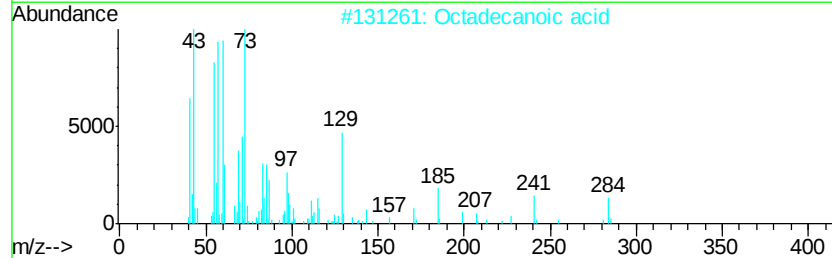
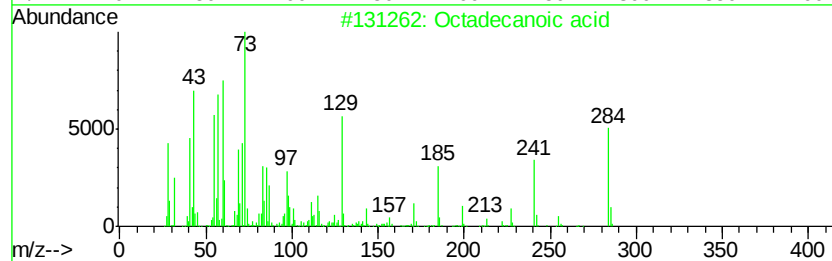
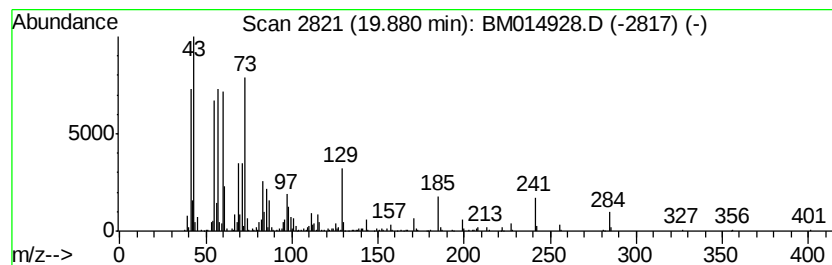
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	3.67 ng/ul	726159	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	98	
4	Octadecanoic acid	284	C18H36O2	000057-11-4	98	
5	Octadecanoic acid	284	C18H36O2	000057-11-4	95	



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
Data File : BM014928.D
Acq On : 02 May 2018 18:25
Operator : SJ/JU
Sample : J2631-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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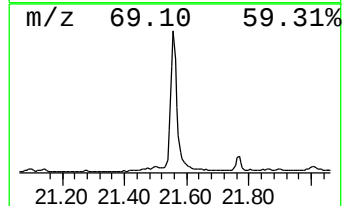
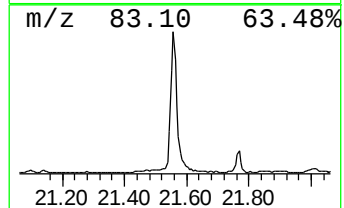
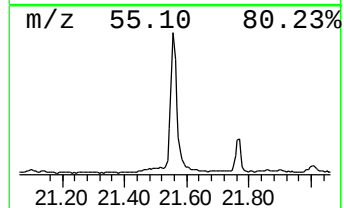
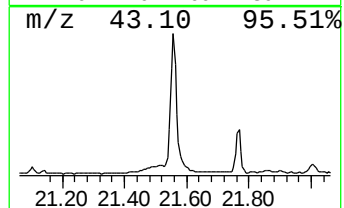
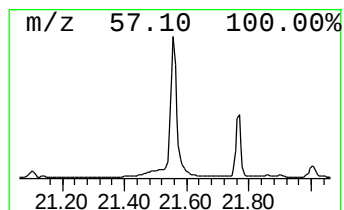
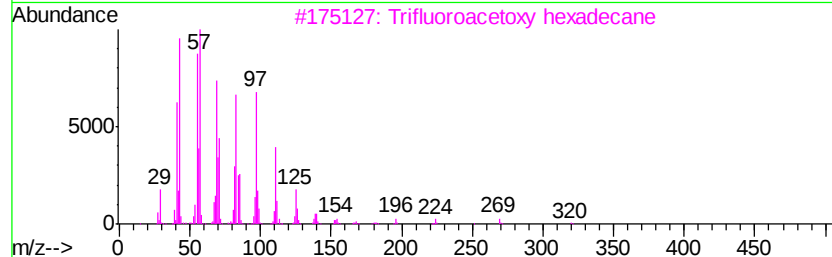
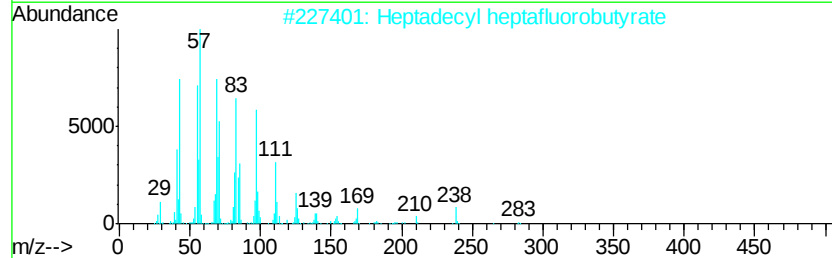
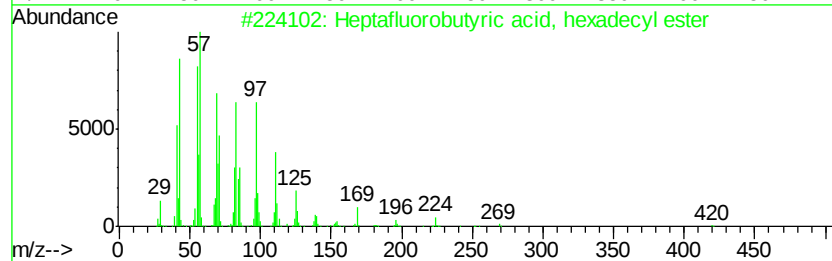
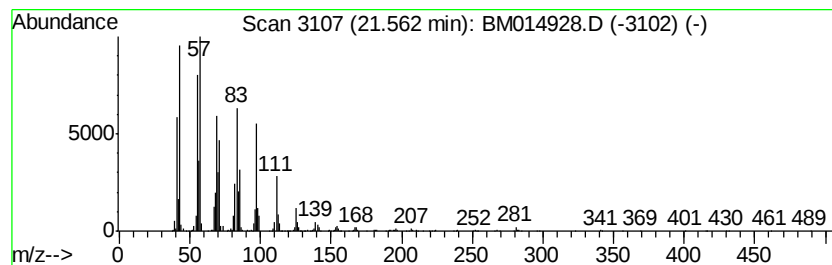
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Heptafluorobutyric acid, he... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	10.34 ng/ul	2045820	Chrysene-d12	21.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
2		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91



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Sample : J2631-05
Misc :
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ClientSampleId :
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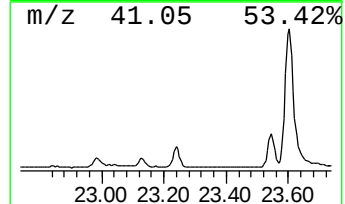
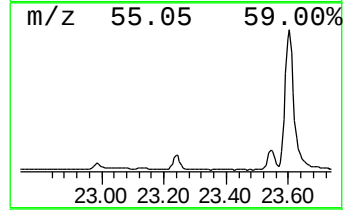
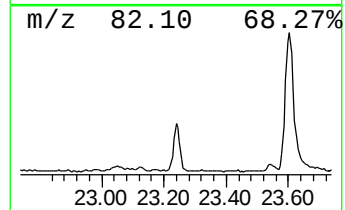
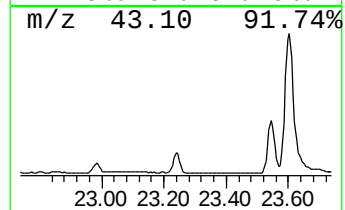
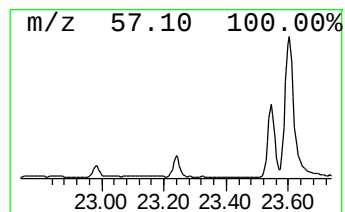
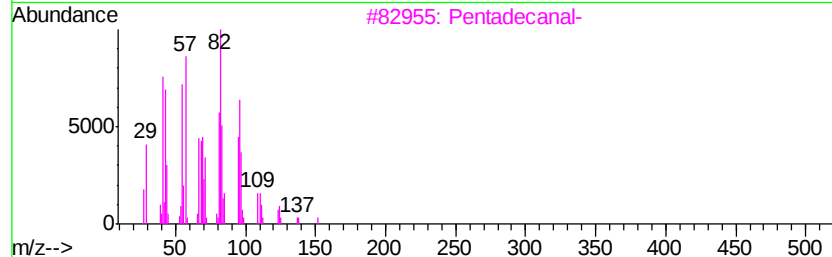
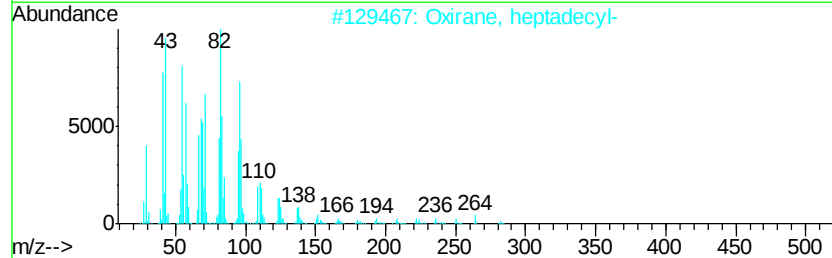
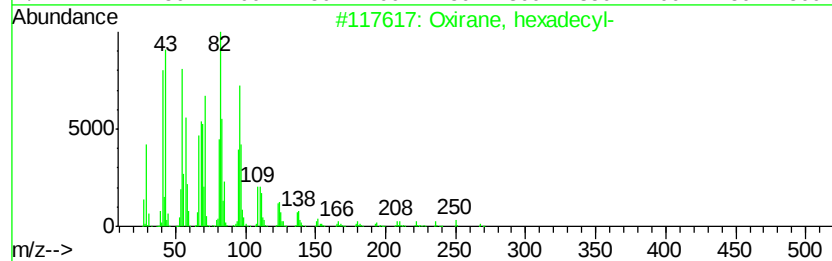
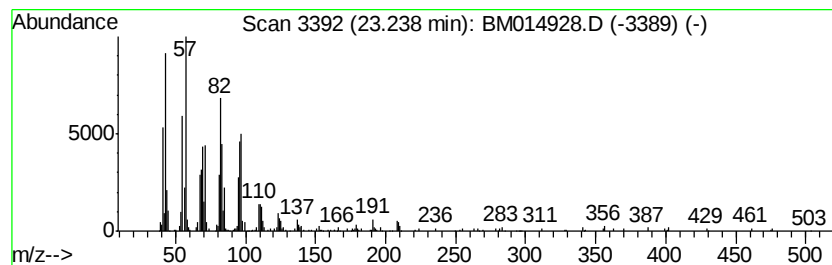
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Oxirane, hexadecyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.24	2.03 ng/ul	399333	Perylene-d12	24.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	76
2		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	76
3		Pentadecanal-	226	C15H30O	002765-11-9	76
4		Oxirane, tetradecyl-	240	C16H32O	007320-37-8	76
5		Octadecanal	268	C18H36O	000638-66-4	76



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
Data File : BM014928.D
Acq On : 02 May 2018 18:25
Operator : SJ/JU
Sample : J2631-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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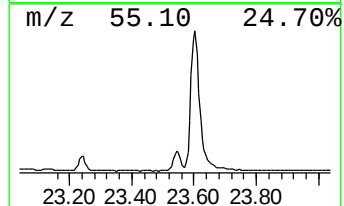
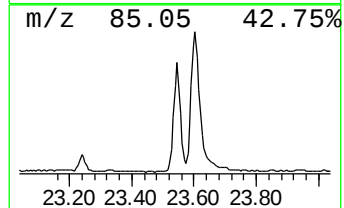
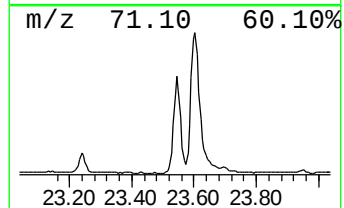
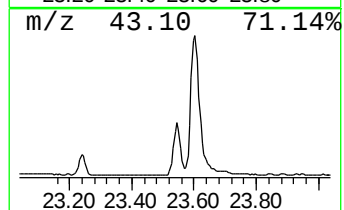
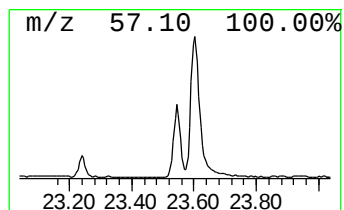
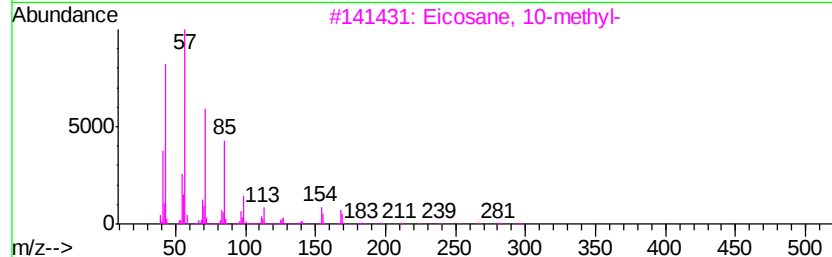
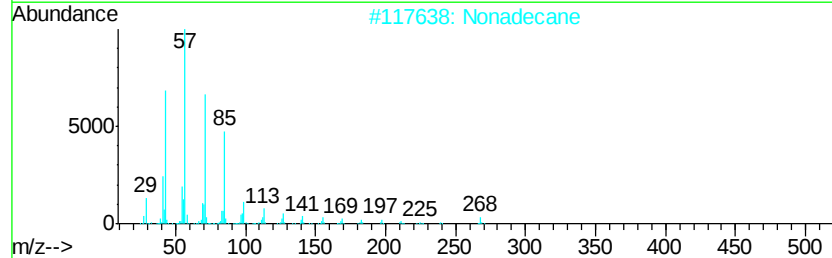
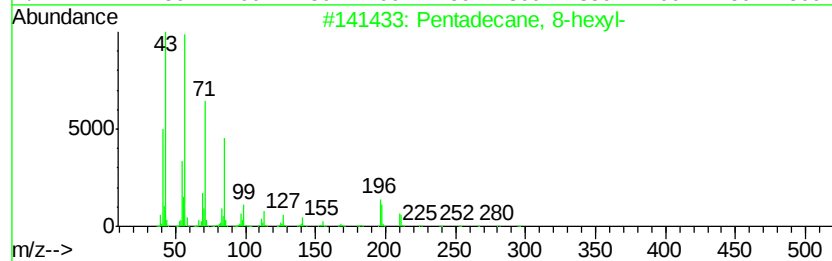
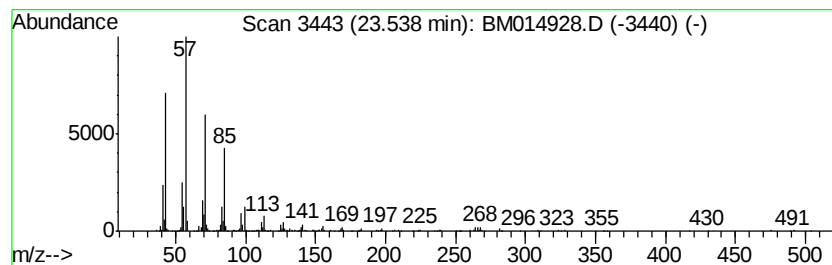
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.54	3.50 ng/ul	688698	Perylene-d12	24.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2			Nonadecane	268	C19H40	000629-92-5	93
3			Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5			Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
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Operator : SJ/JU
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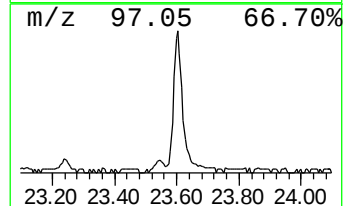
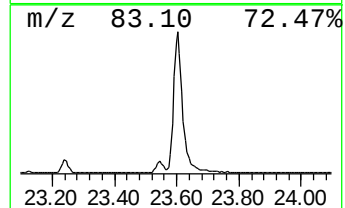
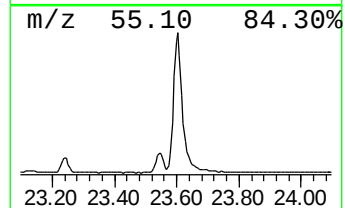
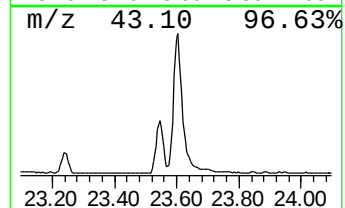
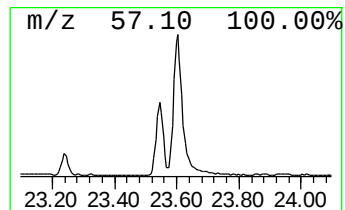
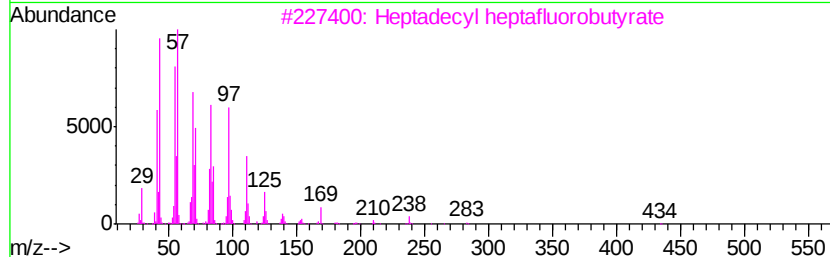
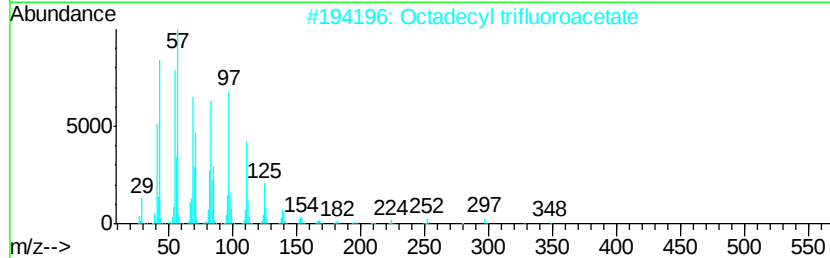
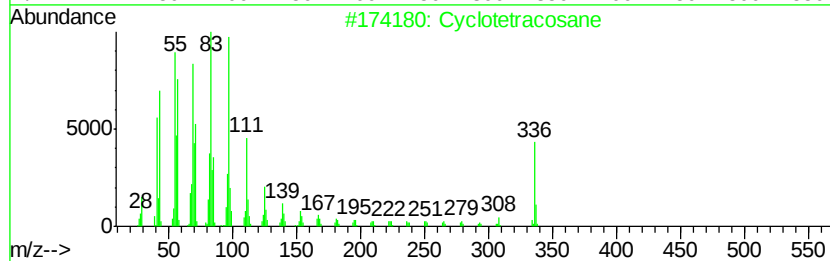
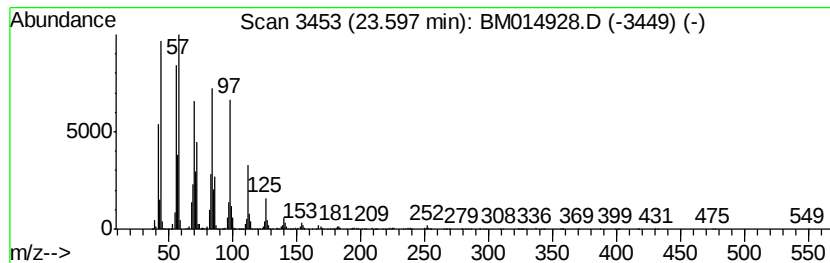
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Cyclic23.60 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.60	20.35 ng/ul	4005390	Perylene-d12	24.38
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclotetracosane	336 C24H48	000297-03-0 96
2		Octadecyl trifluoroacetate	366 C20H37F3O2	079392-43-1 94
3		Heptadecyl heptafluorobutyrate	452 C21H35F7O2	959085-66-6 94
4		Pentafluoropropionic acid, hepta...	402 C20H35F5O2	959218-78-1 94
5		Heptafluorobutyric acid, n-octad...	466 C22H37F7O2	000400-57-7 94



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
Data File : BM014928.D
Acq On : 02 May 2018 18:25
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Misc :
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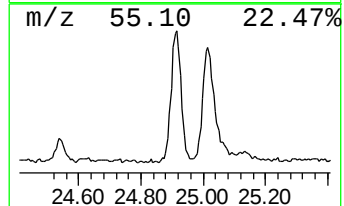
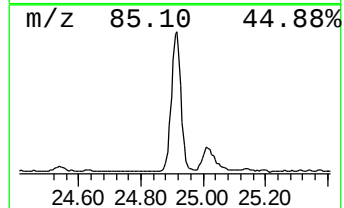
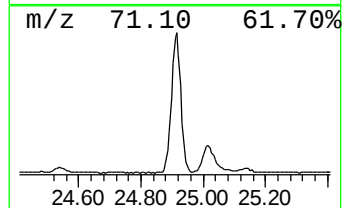
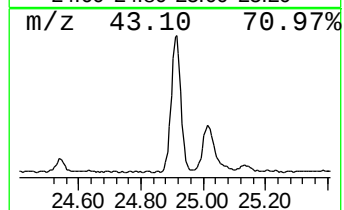
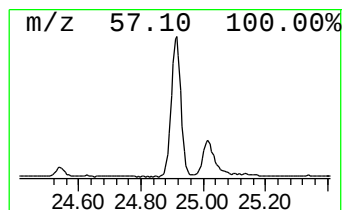
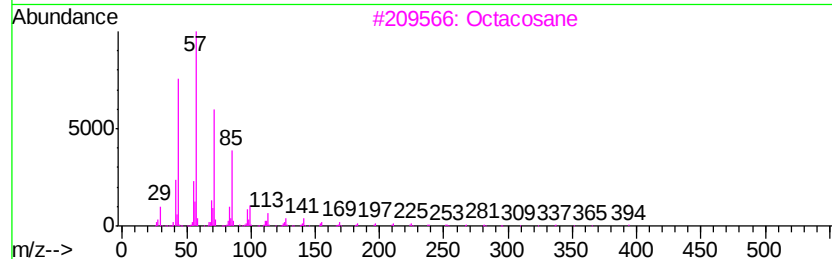
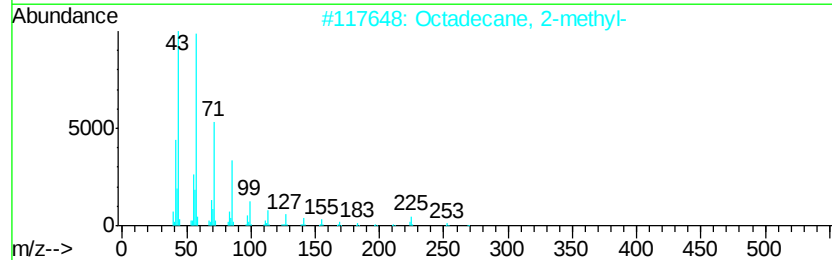
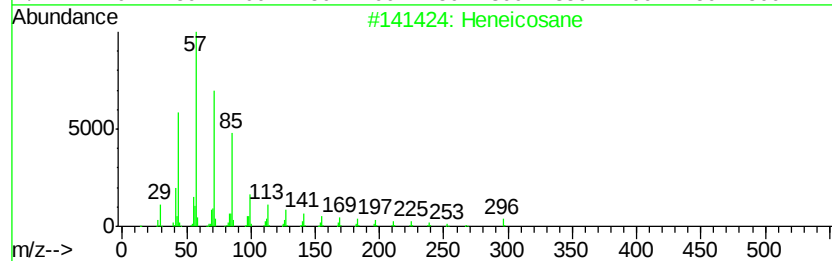
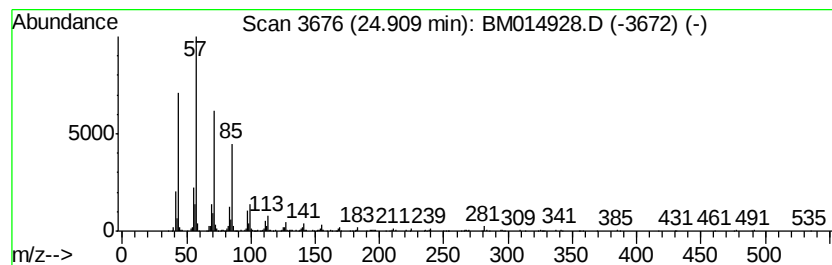
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.91	5.80 ng/ul	1142350	Perylene-d12	24.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	97
2			Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
3			Octacosane	394	C28H58	000630-02-4	91
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5			2-methyloctacosane	408	C29H60	1000376-72-8	91



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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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...	3.34	33.4	ng/ul	4155770	1	8.49	2489280	20.0
2-Pentanone, 4-hy...	5.48	2.9	ng/ul	366076	1	8.49	2489280	20.0
(DEL) Alkane: Str...	16.74	2.0	ng/ul	414413	4	17.81	4033250	20.0
n-Hexadecanoic acid	18.64	7.1	ng/ul	1431160	4	17.81	4033250	20.0
Octadecanoic acid	19.88	3.7	ng/ul	726159	5	21.90	3955990	20.0
Heptafluorobutyri...	21.56	10.3	ng/ul	2045820	5	21.90	3955990	20.0
Oxirane, hexadecyl-	23.24	2.0	ng/ul	399333	6	24.38	3936210	20.0
(DEL) Alkane: Str...	23.54	3.5	ng/ul	688698	6	24.38	3936210	20.0
(DEL) Alkane: Cyc...	23.60	20.4	ng/ul	4005390	6	24.38	3936210	20.0
(DEL) Alkane: Str...	24.91	5.8	ng/ul	1142350	6	24.38	3936210	20.0