

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
 Data File : BM014952.D
 Acq On : 03 May 2018 20:44
 Operator : SJ/JU
 Sample : J2554-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AG5

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	3	8	15	rVV	2638212	3292549	46.17%	3.476%
2	3.640	55	60	68	rVB	119320	167322	2.35%	0.177%
3	4.228	155	160	165	rBV	70657	99616	1.40%	0.105%
4	5.481	366	373	381	rBV	120029	194260	2.72%	0.205%
5	7.616	729	736	750	rBV	1774973	3105755	43.55%	3.279%
6	7.792	759	766	779	rBV	1440631	2321897	32.56%	2.451%
7	8.010	795	803	812	rBV	1904962	3062377	42.94%	3.233%
8	8.492	877	885	897	rBV	1182092	1958348	27.46%	2.067%
9	9.192	996	1004	1013	rBV	1559611	2641074	37.04%	2.788%
10	9.675	1076	1086	1094	rBV	1717001	2859845	40.10%	3.019%
11	10.404	1202	1210	1227	rBV	1329271	2265578	31.77%	2.392%
12	10.939	1294	1301	1315	rBV	1989500	3352710	47.02%	3.539%
13	11.333	1361	1368	1381	rVB	1575117	2647066	37.12%	2.794%
14	11.457	1381	1389	1404	rBV	1579440	2907220	40.77%	3.069%
15	14.486	1896	1904	1909	rVV	3236251	4544530	63.73%	4.797%
16	14.533	1909	1912	1918	rVB	671411	886466	12.43%	0.936%
17	14.798	1950	1957	1966	rBV	3794211	5545670	77.77%	5.854%
18	14.945	1977	1982	1988	rVB	168819	219316	3.08%	0.232%
19	15.039	1990	1998	2001	rBV5	40407	71861	1.01%	0.076%
20	15.098	2001	2008	2021	rVB2	1984365	3080432	43.20%	3.252%
21	15.257	2029	2035	2053	rBV	1398247	2091659	29.33%	2.208%
22	15.886	2138	2142	2147	rVB	236754	296046	4.15%	0.313%
23	16.074	2167	2174	2185	rBV	4710032	6505153	91.22%	6.867%
24	16.174	2185	2191	2202	rBV	1294007	1797564	25.21%	1.898%
25	16.286	2204	2210	2212	rBV	61275	103968	1.46%	0.110%
26	16.427	2229	2234	2238	rBV4	44402	73212	1.03%	0.077%
27	16.739	2282	2287	2296	rBV	201144	339382	4.76%	0.358%
28	17.333	2384	2388	2394	rVB2	69114	97939	1.37%	0.103%
29	17.521	2415	2420	2424	rBV	112133	139174	1.95%	0.147%
30	17.809	2462	2469	2475	rBV	2253231	3243936	45.49%	3.424%
31	17.909	2480	2486	2495	rVV	4474380	6393367	89.66%	6.749%
32	18.239	2537	2542	2548	rVB3	96732	178392	2.50%	0.188%
33	18.580	2596	2600	2605	rBV	157233	230207	3.23%	0.243%
34	18.639	2605	2610	2621	rVV	1219118	1691197	23.72%	1.785%

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35	19.739	2794	2797	2799	rBV2	64792	76612	1.07%	0.081%
36	19.821	2808	2811	2816	rVB	87184	115393	1.62%	0.122%
37	19.880	2816	2821	2837	rBV	708829	1106142	15.51%	1.168%
38	20.151	2861	2867	2878	rVB	4897490	6991593	98.05%	7.381%
39	21.556	3102	3106	3115	rVB	503757	706856	9.91%	0.746%
40	21.897	3159	3164	3169	rVB	2567583	3369118	47.25%	3.557%
41	22.986	3346	3349	3354	rVB2	258322	357691	5.02%	0.378%
42	23.539	3439	3443	3448	rBV	480780	730941	10.25%	0.772%
43	23.597	3450	3453	3468	rVB3	372663	852634	11.96%	0.900%
44	24.215	3552	3558	3574	rVB	3428267	7130997	100.00%	7.528%
45	24.374	3579	3585	3593	rVB2	1591701	3319333	46.55%	3.504%
46	24.909	3670	3676	3685	rVB	727474	1566433	21.97%	1.654%

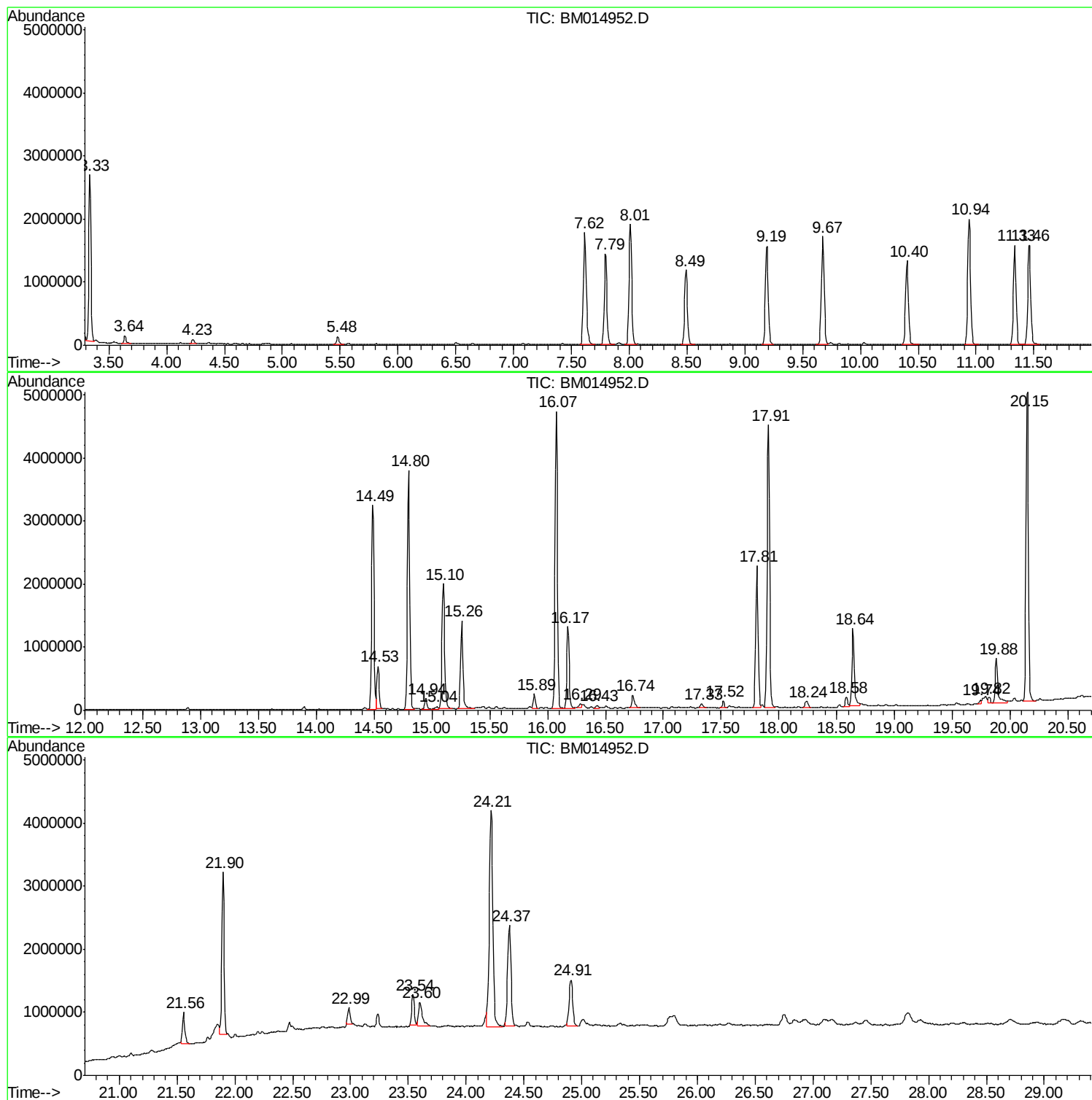
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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



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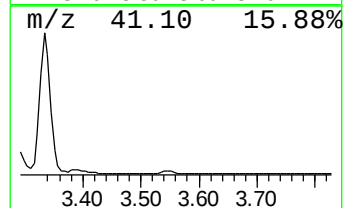
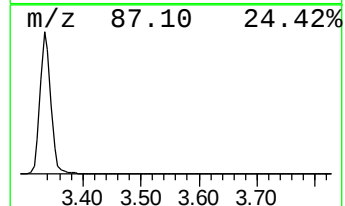
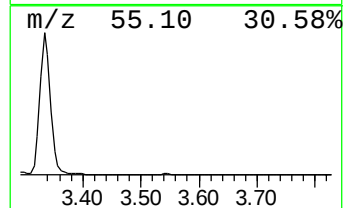
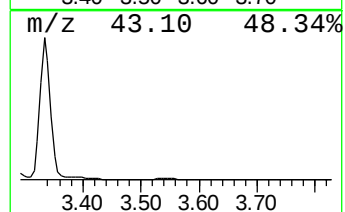
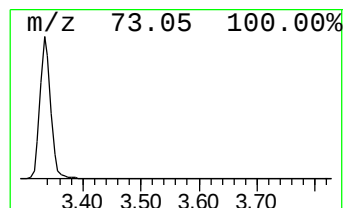
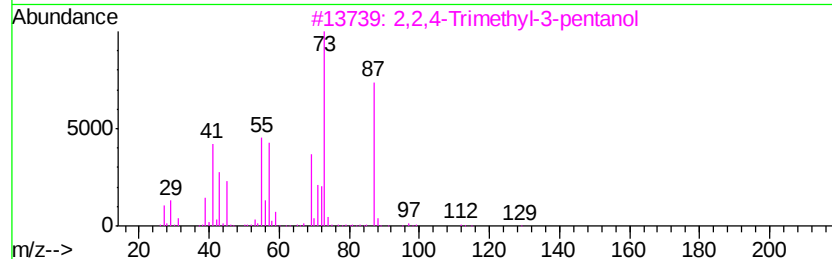
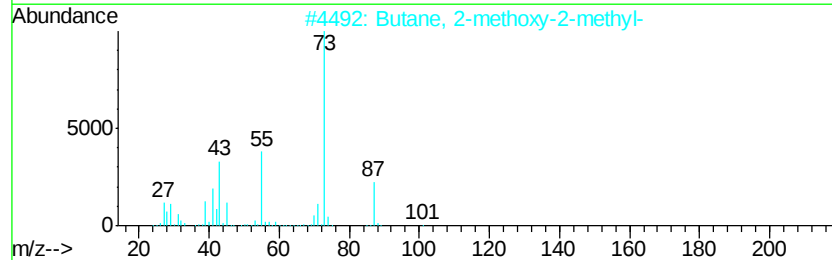
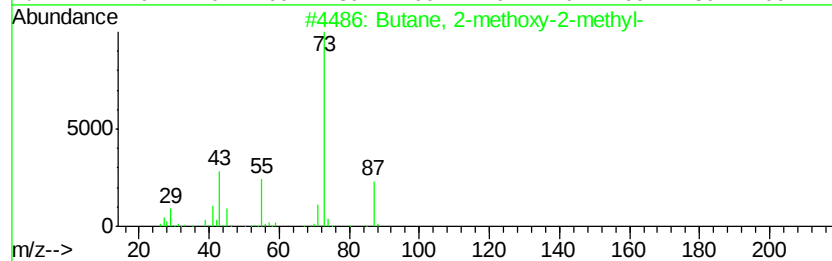
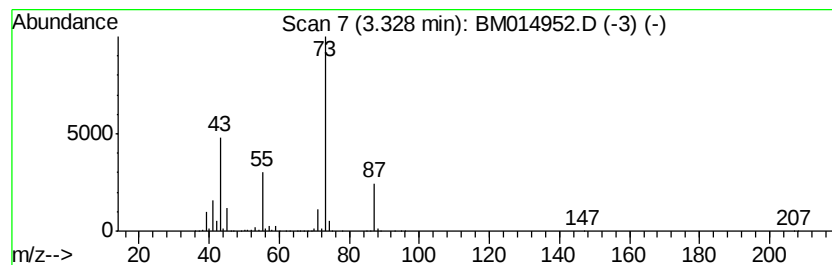
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.33	33.63 ng/ul	3292550	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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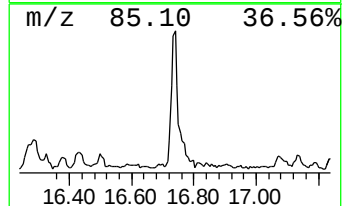
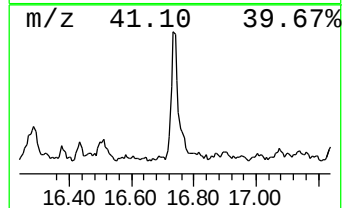
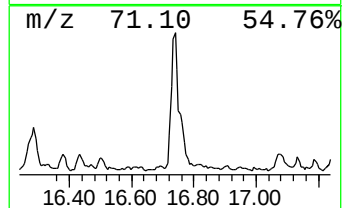
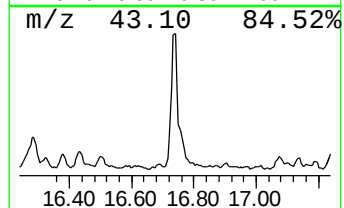
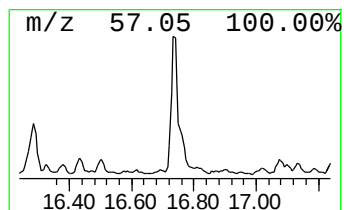
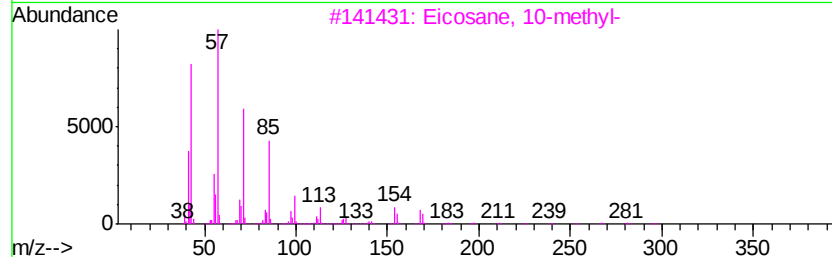
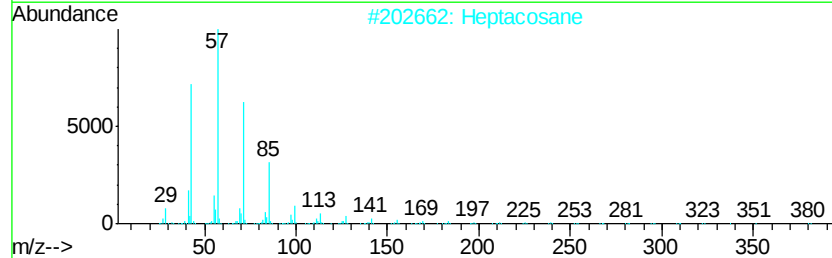
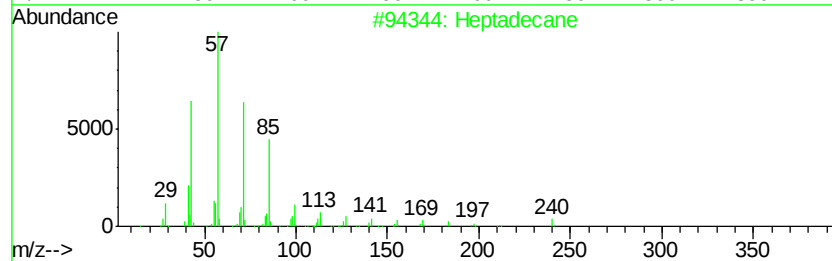
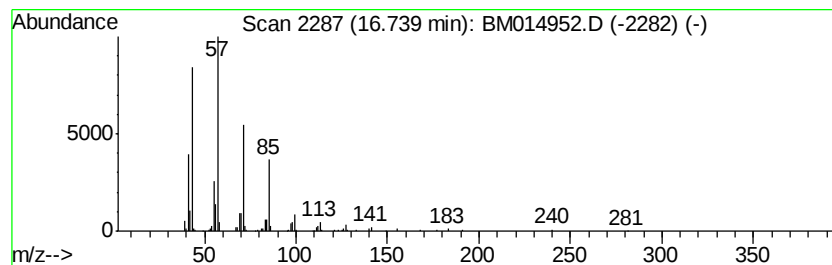
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	2.09 ng/ul	339382	Phenanthrene-d10	17.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	93
2		Heptacosane	380	C27H56	000593-49-7	90
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4		Hexadecane	226	C16H34	000544-76-3	90
5		Nonadecane	268	C19H40	000629-92-5	87



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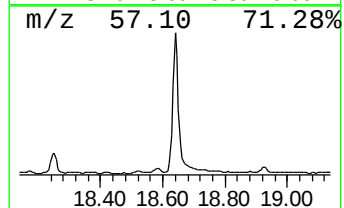
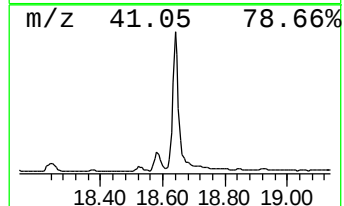
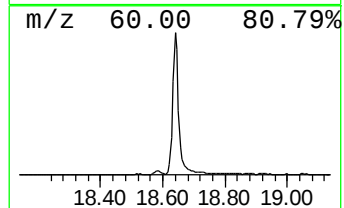
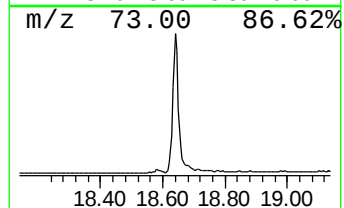
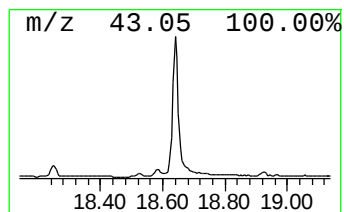
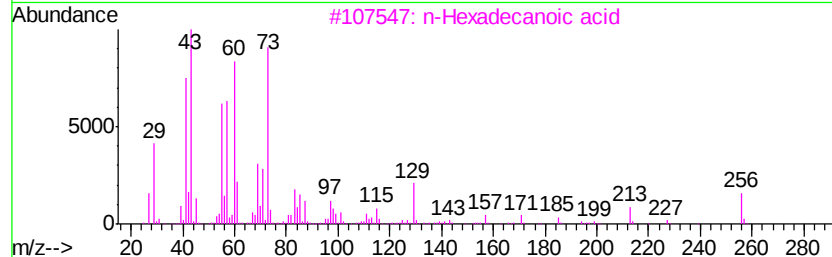
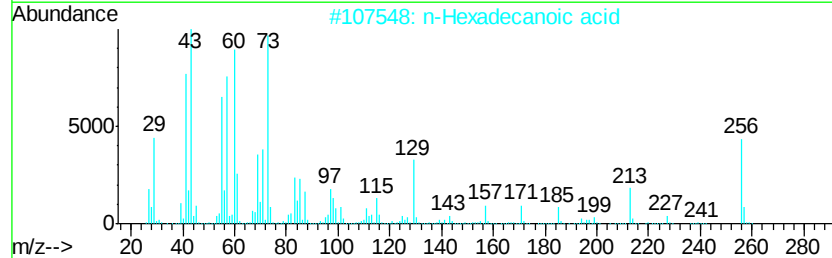
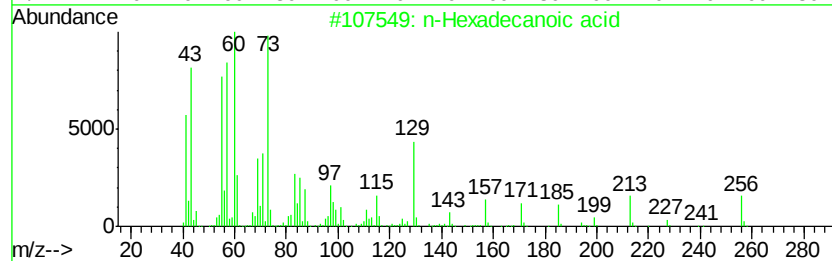
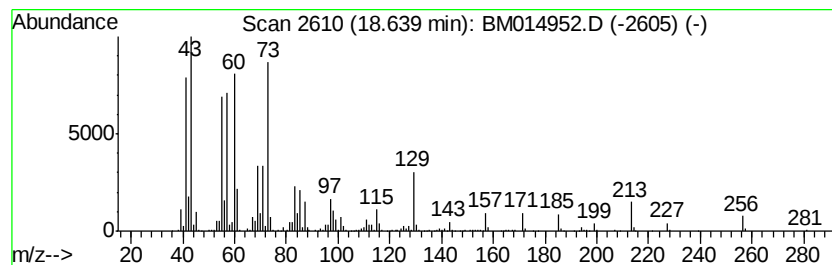
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	10.43 ng/ul	1691200	Phenanthrene-d10	17.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	76



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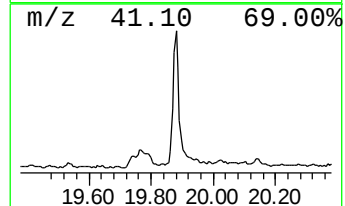
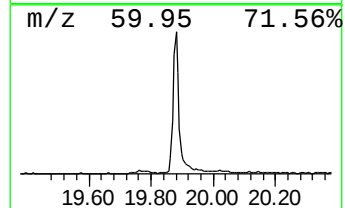
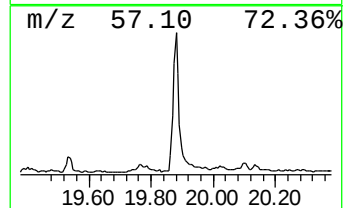
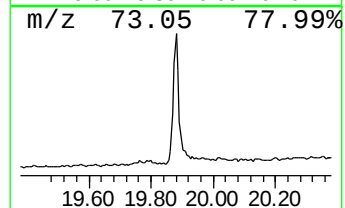
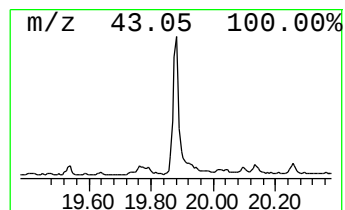
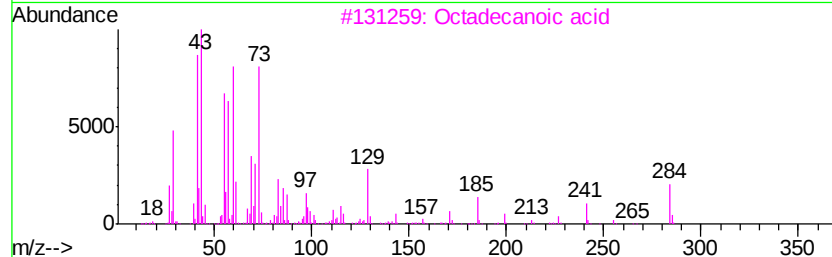
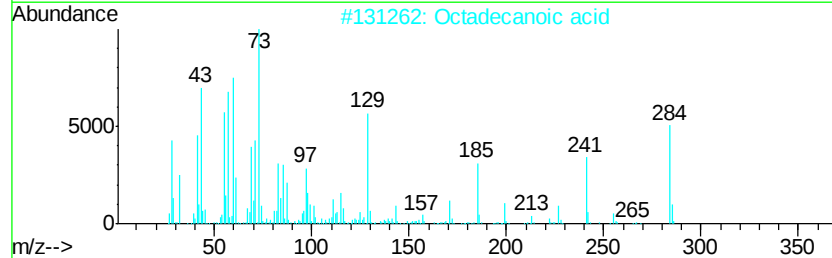
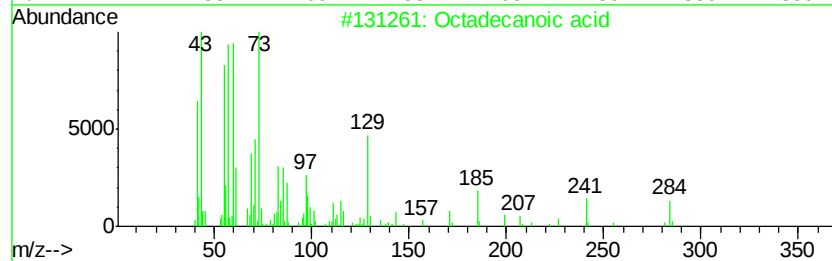
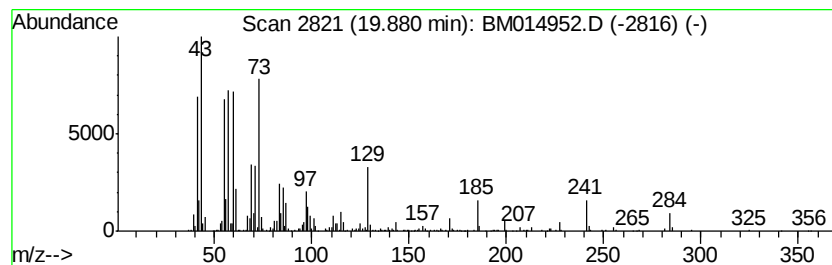
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Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	6.57 ng/ul	1106140	Chrysene-d12	21.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	97
5		Octadecanoic acid	284	C18H36O2	000057-11-4	96



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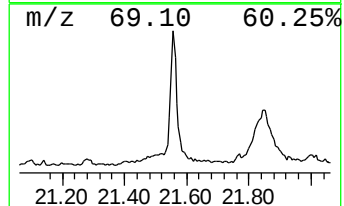
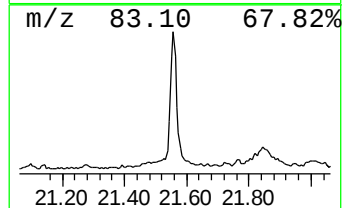
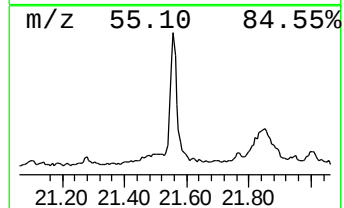
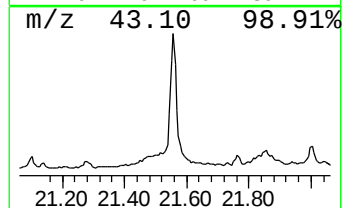
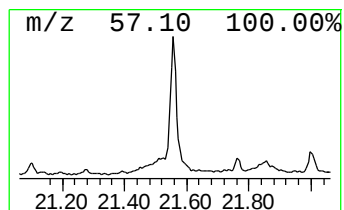
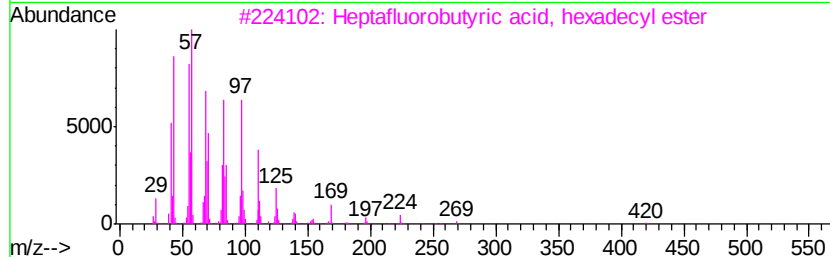
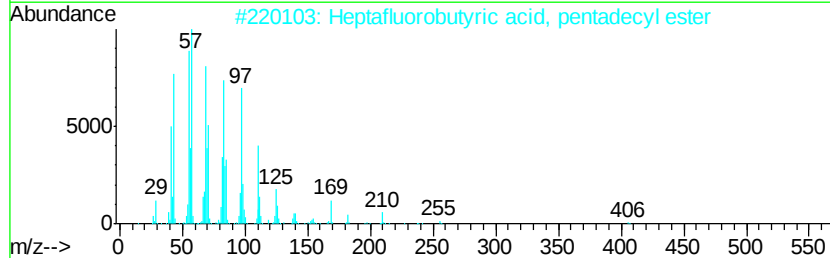
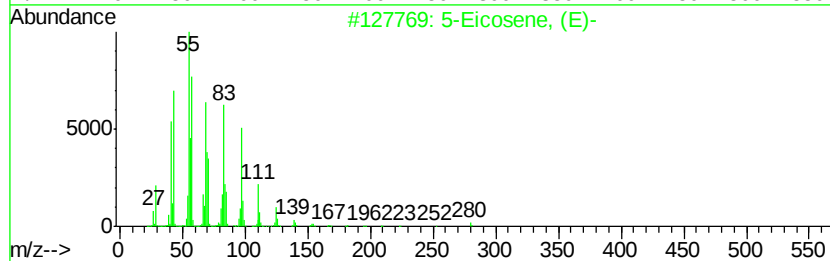
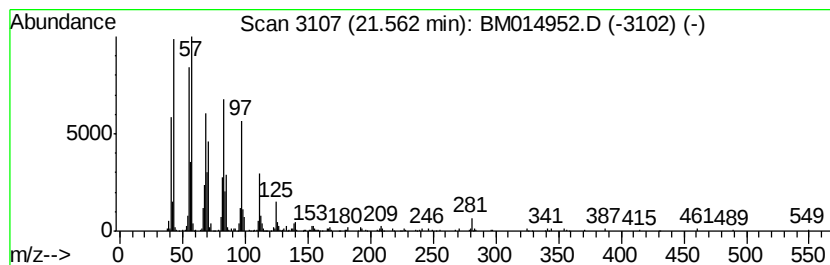
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	4.20 ng/ul	706856	Chrysene-d12	21.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2		Heptafluorobutyric acid, pentadec...	424	C19H31F7O2	959261-23-5	94
3		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
4		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
5		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91



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Acq On : 03 May 2018 20:44
Operator : SJ/JU
Sample : J2554-17
Misc :
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ClientSampleId :
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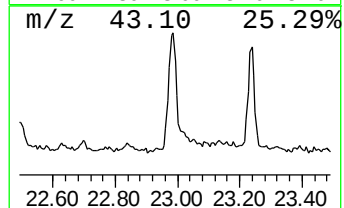
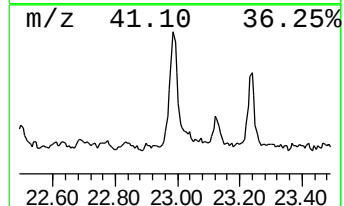
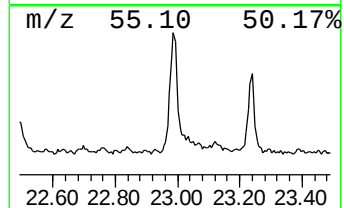
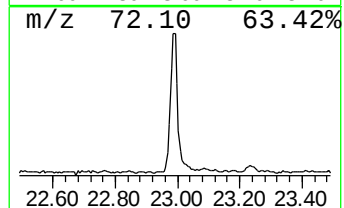
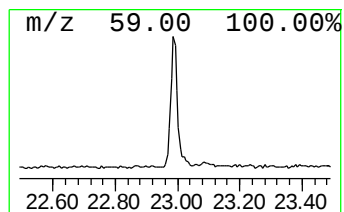
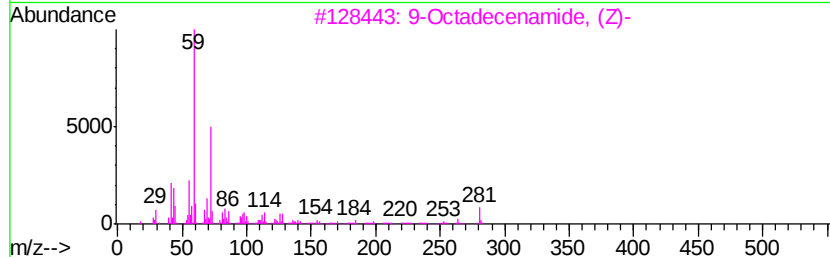
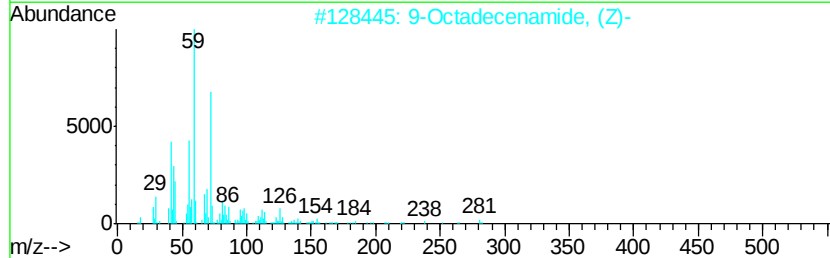
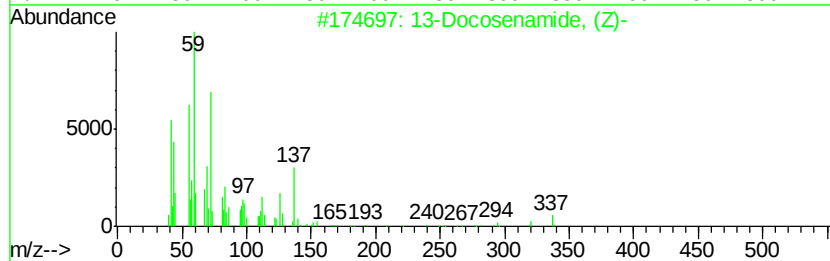
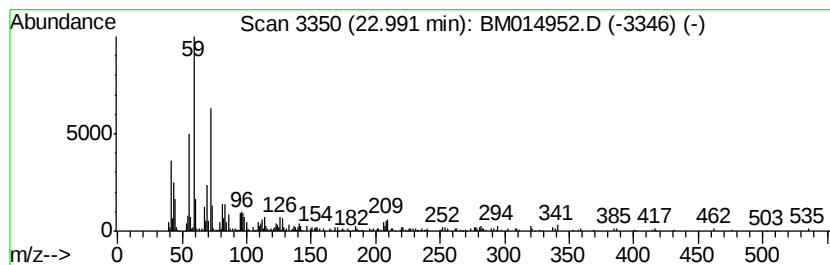
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 13-Docosenamide, (Z)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.99	2.12 ng/ul	357691	Chrysene-d12	21.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	90
2		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
3		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
4		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72
5		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
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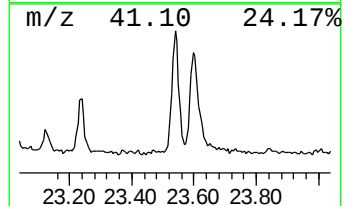
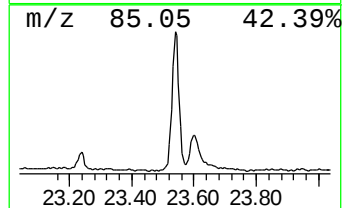
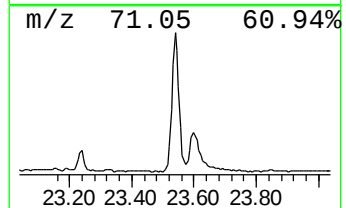
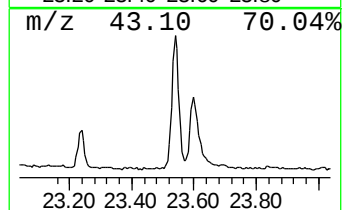
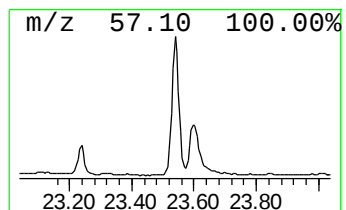
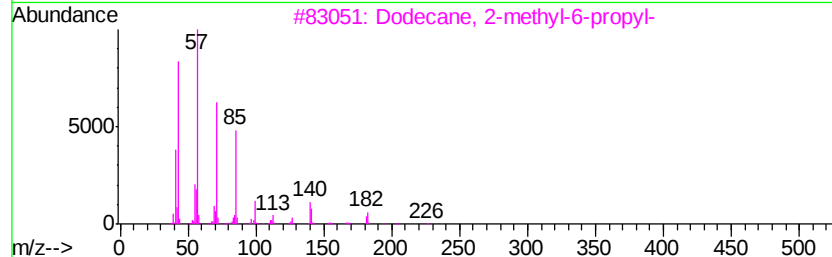
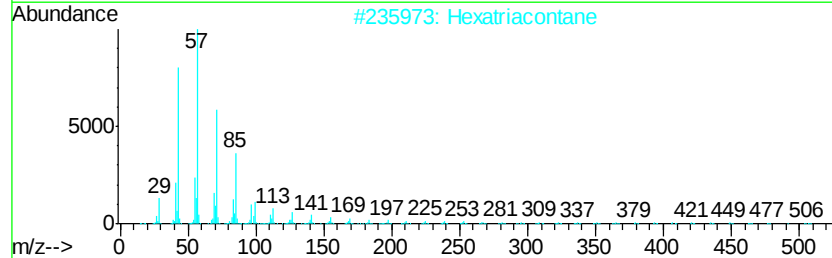
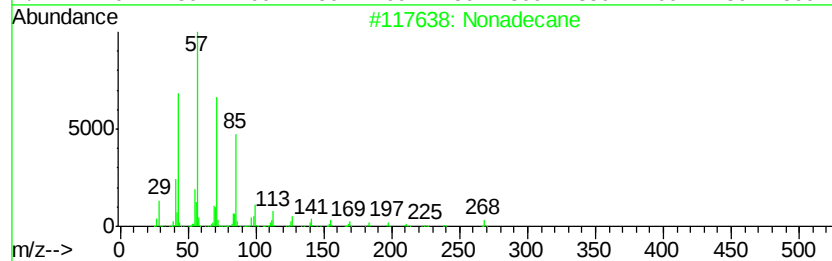
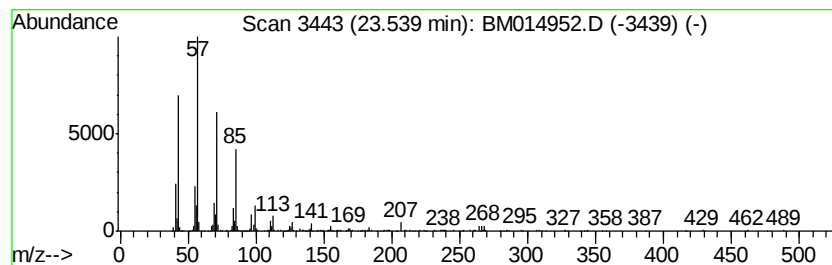
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.54	4.40 ng/ul	730941	Perylene-d12	24.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		Hexatriacontane	507	C36H74	000630-06-8	87
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
4		Nonadecane	268	C19H40	000629-92-5	87
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
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Operator : SJ/JU
Sample : J2554-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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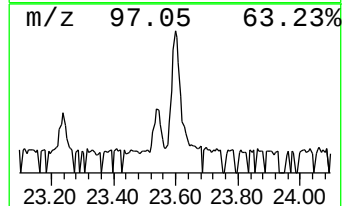
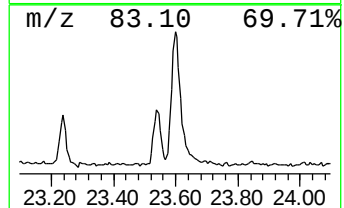
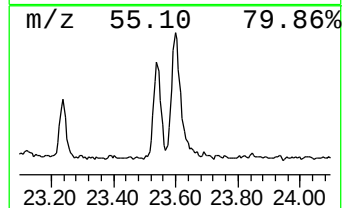
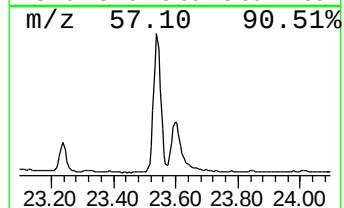
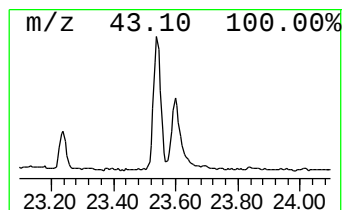
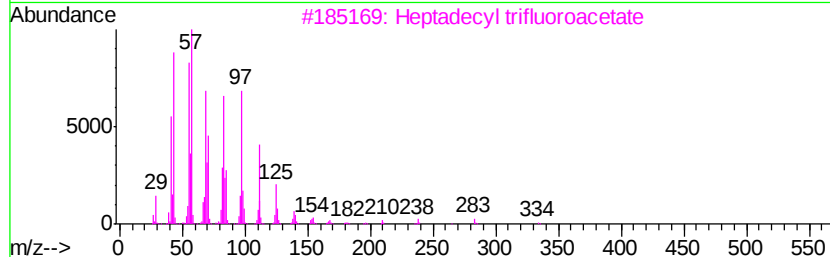
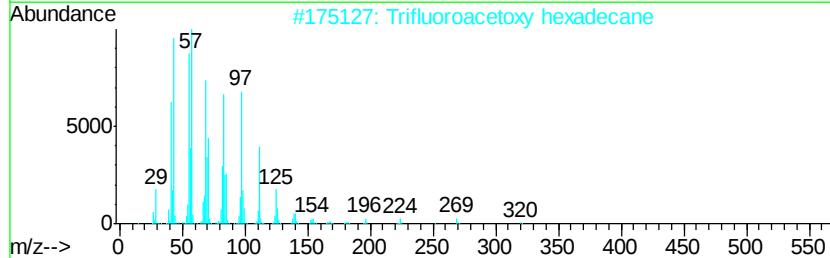
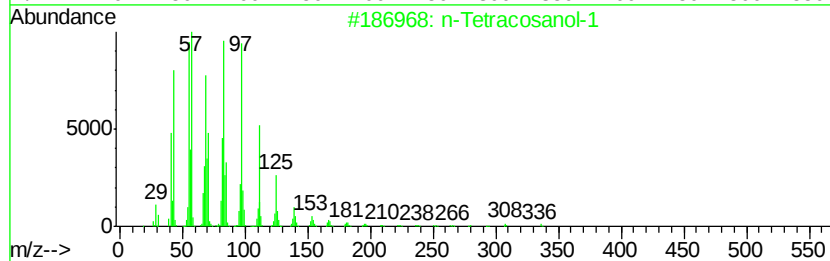
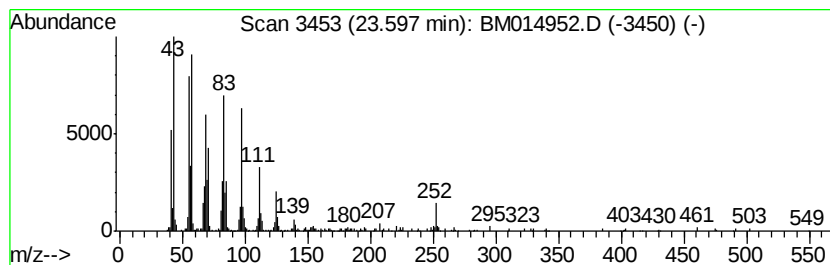
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 n-Tetracosanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.60	5.14 ng/ul	852634	Perylene-d12	24.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
2		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
3		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93
4		13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	93
5		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91



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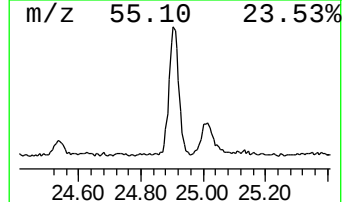
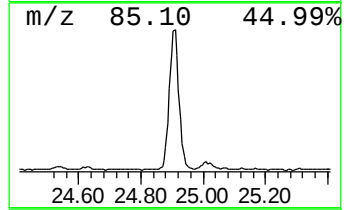
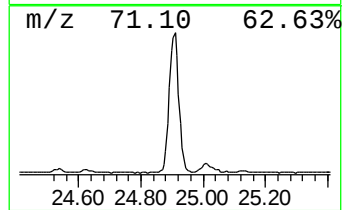
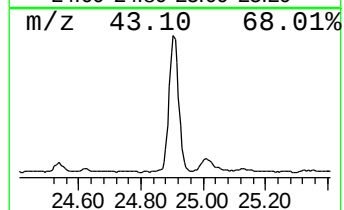
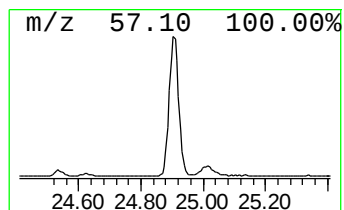
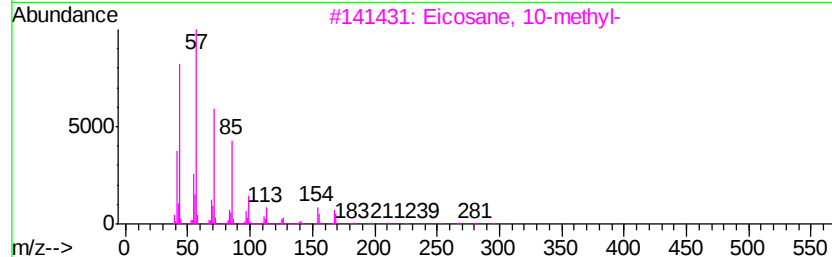
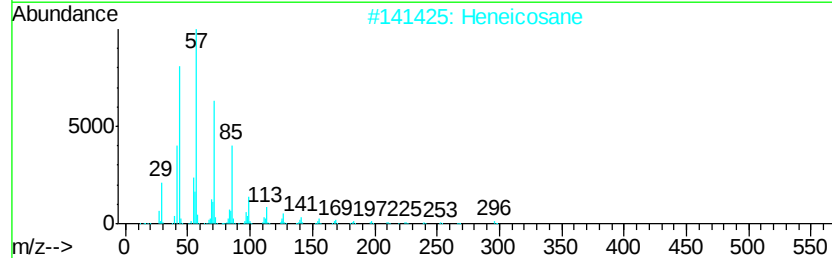
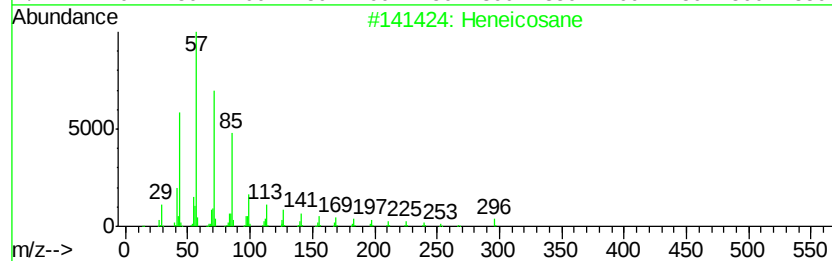
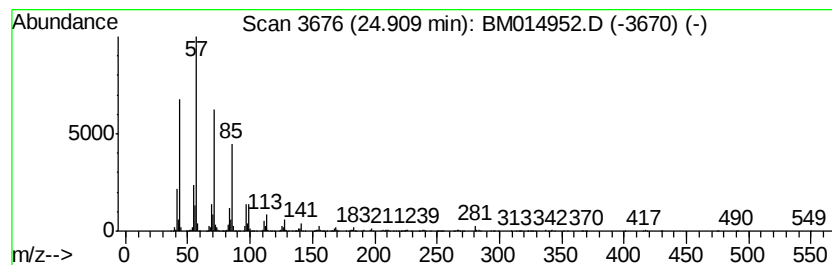
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.91	9.44 ng/ul	1566430	Perylene-d12	24.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Heneicosane	296	C21H44	000629-94-7	96
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
4		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050318\
 Data File : BM014952.D
 Acq On : 03 May 2018 20:44
 Operator : SJ/JU
 Sample : J2554-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
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 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	33.6	ng/ul	3292550	1	8.49	1958350	20.0
(DEL) Alkane: Str...	16.74	2.1	ng/ul	339382	4	17.81	3243940	20.0
n-Hexadecanoic acid	18.64	10.4	ng/ul	1691200	4	17.81	3243940	20.0
Octadecanoic acid	19.88	6.6	ng/ul	1106140	5	21.90	3369120	20.0
(DEL) Alkane: Cyc...	21.56	4.2	ng/ul	706856	5	21.90	3369120	20.0
13-Docosenamide, ...	22.99	2.1	ng/ul	357691	5	21.90	3369120	20.0
(DEL) Alkane: Str...	23.54	4.4	ng/ul	730941	6	24.37	3319330	20.0
n-Tetracosanol-1	23.60	5.1	ng/ul	852634	6	24.37	3319330	20.0
(DEL) Alkane: Str...	24.91	9.4	ng/ul	1566430	6	24.37	3319330	20.0