

Data Path : Z:\HPCHEM1\BNA M\DATA\BM043018\
 Data File : BM014881.D
 Acq On : 30 Apr 2018 23:44
 Operator : SJ/JU
 Sample : J2603-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F1B64

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	25	rVB	2186622	2931394	45.96%	3.449%
2	3.646	56	61	71	rVB	82708	123871	1.94%	0.146%
3	5.481	368	373	384	rVB2	54177	93632	1.47%	0.110%
4	7.622	729	737	749	rBV	1390471	2442992	38.30%	2.874%
5	7.798	759	767	777	rBV	1076491	1699803	26.65%	2.000%
6	8.016	796	804	812	rBV	1399384	2293139	35.95%	2.698%
7	8.498	878	886	898	rBV	1403939	2330778	36.54%	2.742%
8	9.192	997	1004	1015	rBV	1617926	2646880	41.50%	3.114%
9	9.681	1079	1087	1095	rBV	1209951	2072058	32.49%	2.438%
10	10.357	1193	1202	1204	rBV3	33271	79808	1.25%	0.094%
11	10.410	1204	1211	1220	rVB	929217	1626480	25.50%	1.914%
12	10.945	1295	1302	1314	rBV	1619231	2719258	42.63%	3.199%
13	11.151	1331	1337	1343	rVB	437751	662708	10.39%	0.780%
14	11.339	1361	1369	1377	rBV	1802161	3074859	48.21%	3.618%
15	11.463	1383	1390	1407	rBV	1295080	2394397	37.54%	2.817%
16	14.045	1823	1829	1842	rVV	99056	176541	2.77%	0.208%
17	14.492	1895	1905	1909	rBV	2500709	3556884	55.76%	4.185%
18	14.539	1909	1913	1919	rVB	513261	713668	11.19%	0.840%
19	14.710	1938	1942	1951	rBV2	66991	99192	1.56%	0.117%
20	14.804	1951	1958	1971	rVV	2707654	4131220	64.77%	4.861%
21	14.951	1977	1983	1987	rBV	125247	161351	2.53%	0.190%
22	15.004	1987	1992	2002	rVV2	2548697	4048779	63.48%	4.764%
23	15.104	2002	2009	2019	rVB2	2205263	3548058	55.63%	4.175%
24	15.263	2029	2036	2054	rBV	994163	1528331	23.96%	1.798%
25	15.851	2130	2136	2139	rBV	59688	82696	1.30%	0.097%
26	15.892	2139	2143	2147	rVB	174979	212756	3.34%	0.250%
27	16.080	2168	2175	2181	rBV	3408022	5079632	79.64%	5.977%
28	16.180	2186	2192	2199	rBV	961477	1361555	21.35%	1.602%
29	16.739	2283	2287	2300	rBV2	152518	270048	4.23%	0.318%
30	17.521	2416	2420	2426	rBV	79232	100547	1.58%	0.118%
31	17.680	2441	2447	2450	rBV	52171	68390	1.07%	0.080%
32	17.815	2463	2470	2476	rBV	2589669	3631858	56.94%	4.273%
33	17.910	2480	2486	2495	rVV2	3756100	5420210	84.98%	6.377%
34	18.427	2570	2574	2580	rVB	52931	69434	1.09%	0.082%

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35	18.527	2585	2591	2597	rBV5	46541	92144	1.44%	0.108%
36	18.645	2605	2611	2623	rBV	700055	1031756	16.18%	1.214%
37	18.927	2655	2659	2663	rBV	52837	64141	1.01%	0.075%
38	19.480	2750	2753	2758	rBV3	51492	69746	1.09%	0.082%
39	19.568	2765	2768	2771	rVB	105192	107762	1.69%	0.127%
40	19.886	2817	2822	2828	rBV	445911	653180	10.24%	0.769%
41	20.151	2861	2867	2875	rVB	4356920	5923773	92.87%	6.970%
42	20.598	2940	2943	2946	rBV5	57246	84879	1.33%	0.100%
43	20.962	3003	3005	3010	rVB3	83217	87260	1.37%	0.103%
44	21.562	3103	3107	3118	rBV	381205	596226	9.35%	0.702%
45	21.768	3139	3142	3148	rVB	460524	496017	7.78%	0.584%
46	21.903	3160	3165	3171	rBV	2882460	3894781	61.06%	4.583%
47	24.221	3552	3559	3570	rVB	3124301	6378426	100.00%	7.505%
48	24.380	3580	3586	3599	rVB2	1972953	4058931	63.64%	4.776%

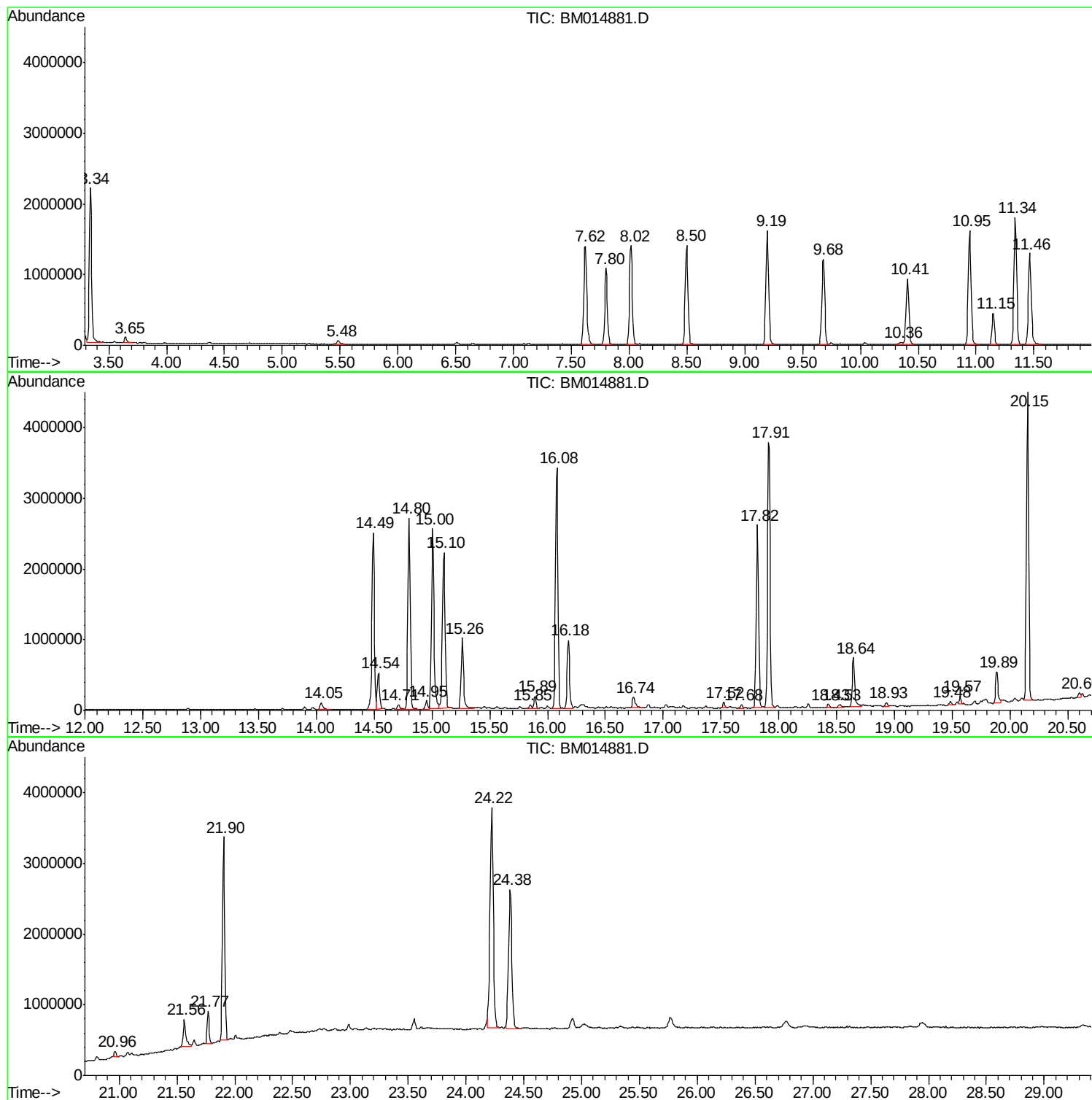
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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



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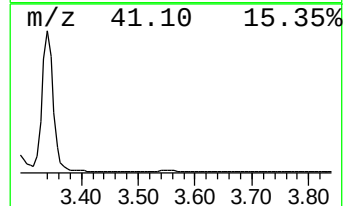
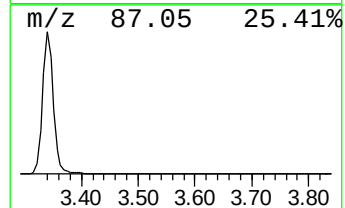
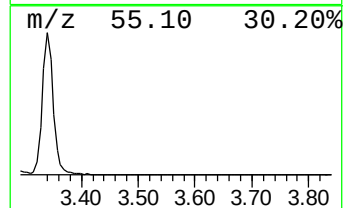
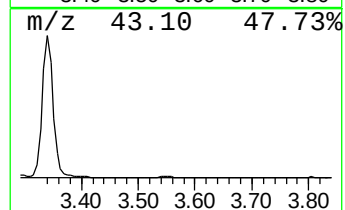
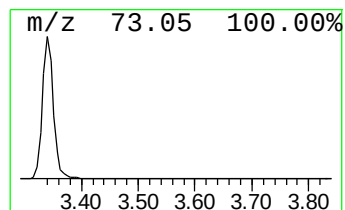
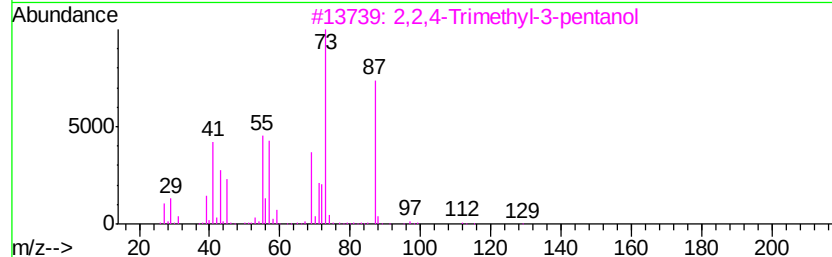
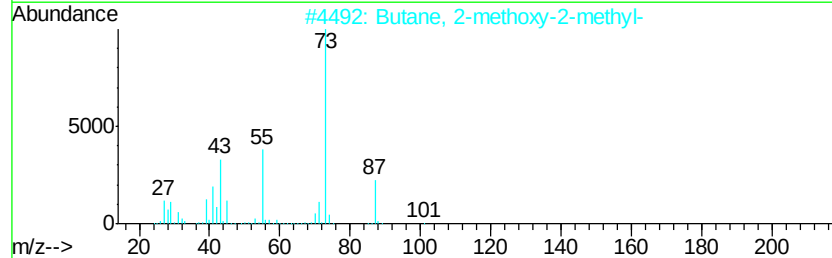
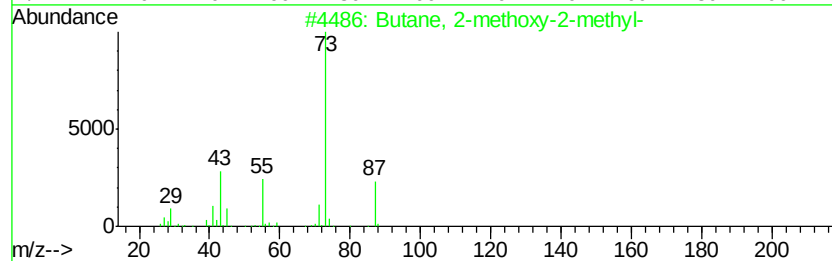
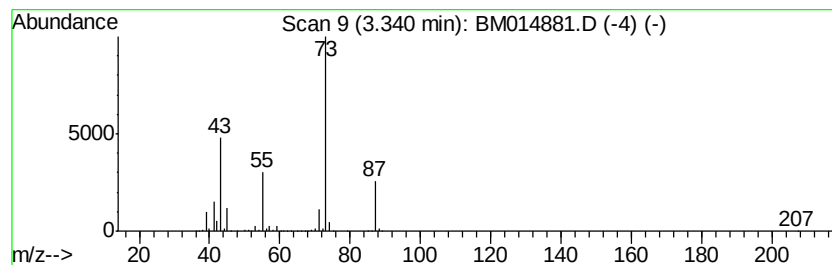
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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.34	25.15 ng/ul	2931390	1,4-Dichlorobenzene-d4	8.50

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		Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
5		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37



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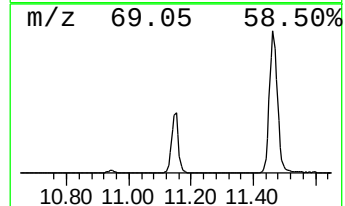
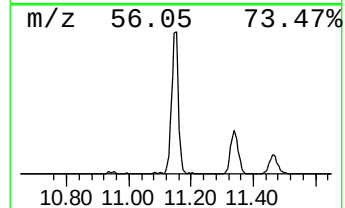
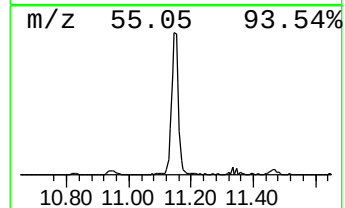
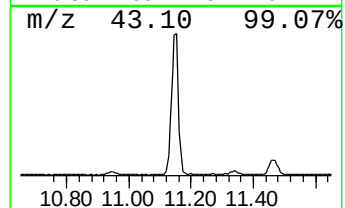
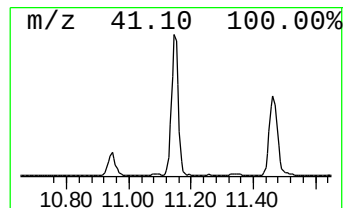
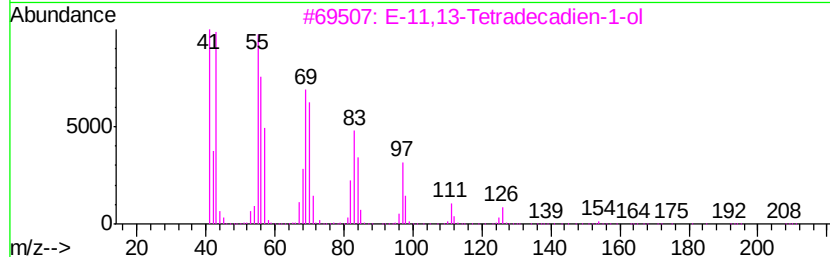
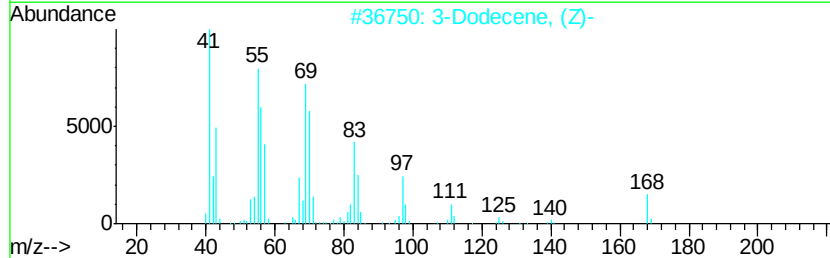
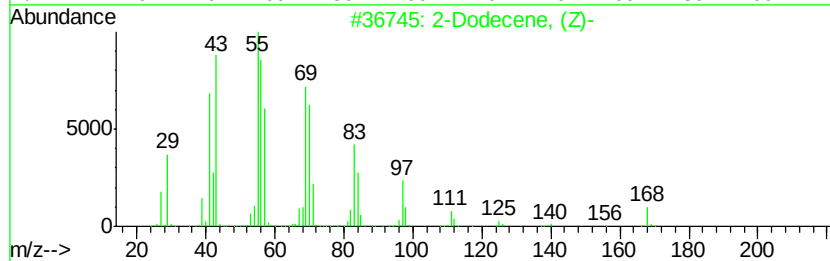
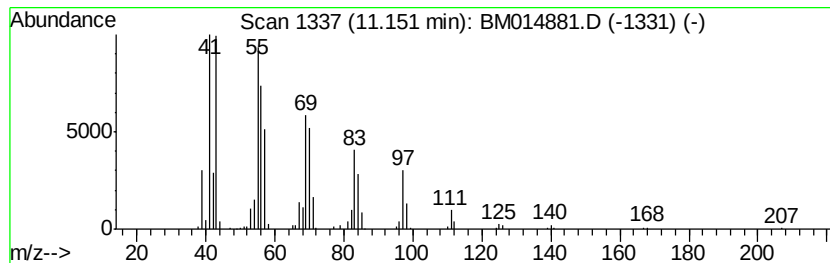
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Quant Title : SVOA CALIBRATION

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Peak Number 2 (DEL) Alkane: Cyclic11.15 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	4.31 ng/ul	662708	Naphthalene-d8	11.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Dodecene, (Z)-	168	C12H24	007206-26-0	91
2			3-Dodecene, (Z)-	168	C12H24	007239-23-8	91
3			E-11,13-Tetradecadien-1-ol	210	C14H26O	1000131-00-3	91
4			1-Dodecene	168	C12H24	000112-41-4	91
5			5-Dodecene, (E)-	168	C12H24	007206-16-8	90



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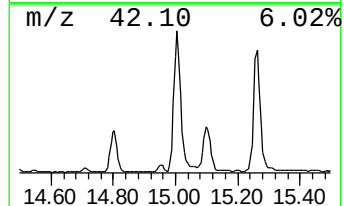
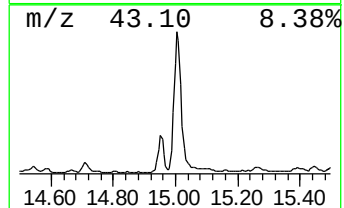
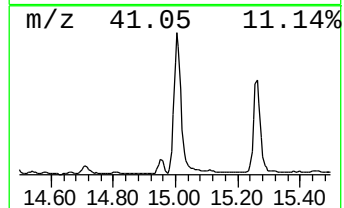
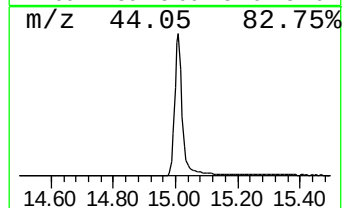
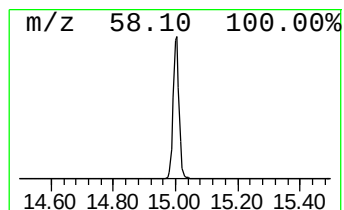
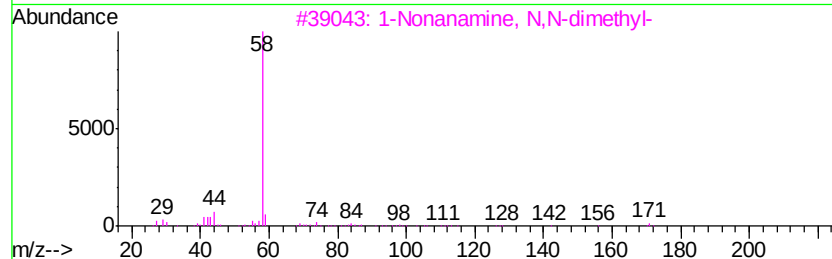
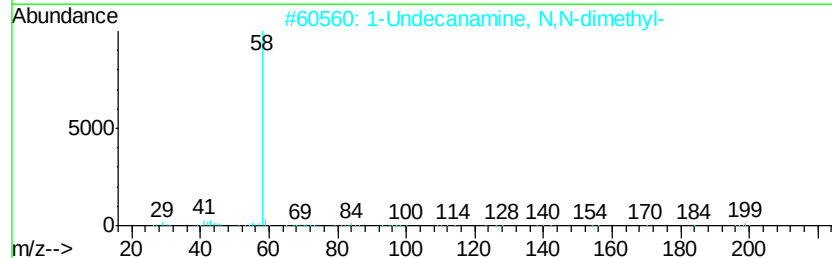
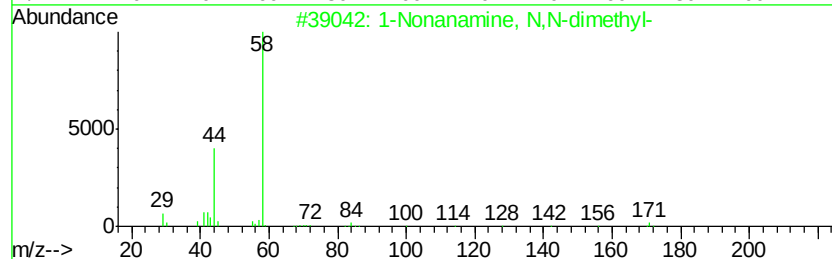
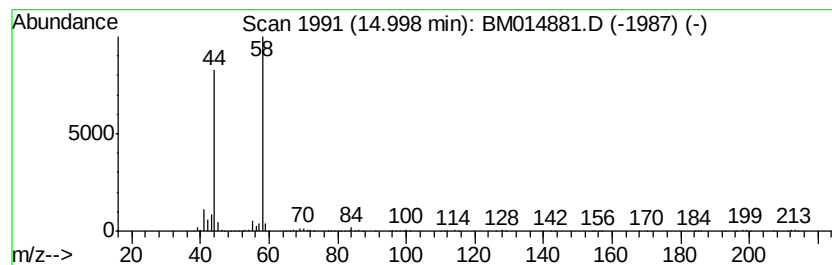
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	22.82 ng/ul	4048780	Acenaphthene-d10	15.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonanamine, N,N-dimethyl-	171	C11H25N	017373-27-2	40
2		1-Undecanamine, N,N-dimethyl-	199	C13H29N	017373-28-3	38
3		1-Nonanamine, N,N-dimethyl-	171	C11H25N	017373-27-2	32
4		2-Thiophenepropanamine, N,N-dime...	169	C9H15NS	023711-40-2	32
5		1-Methyldodecylamine	199	C13H29N	013205-57-7	25



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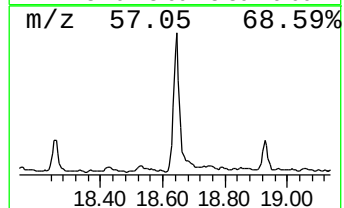
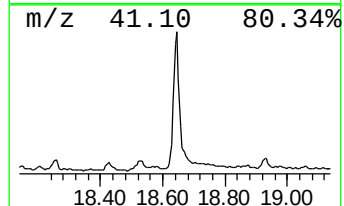
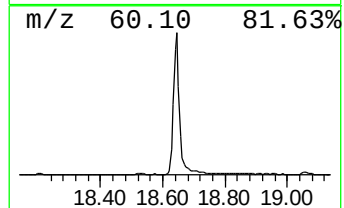
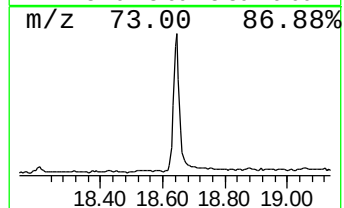
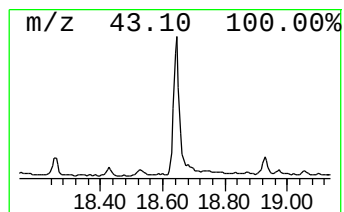
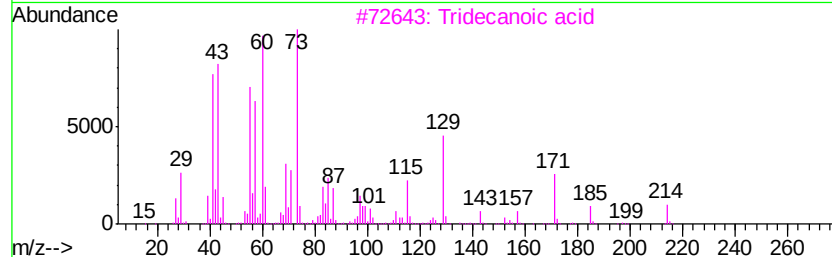
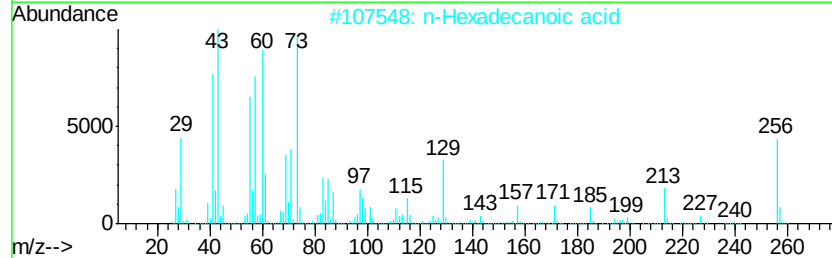
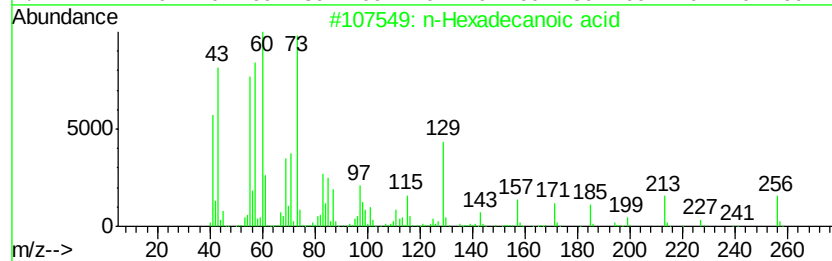
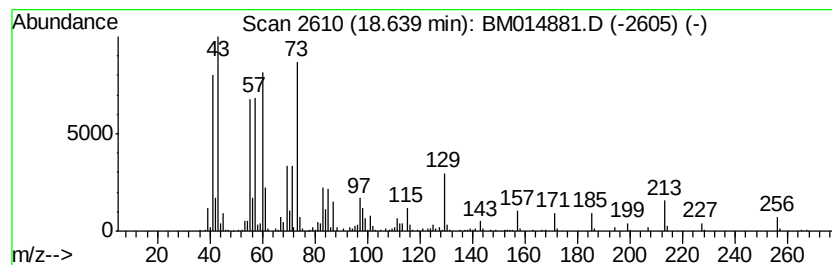
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.64	5.68 ng/ul	1031760	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	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	94
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Tridecanoic acid	214	C13H26O2	000638-53-9	83



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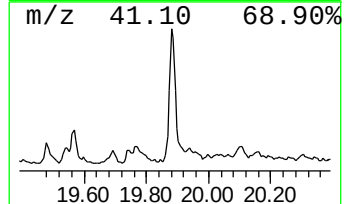
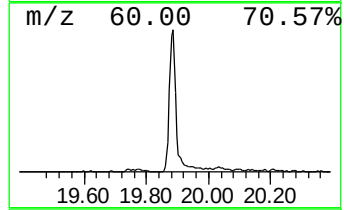
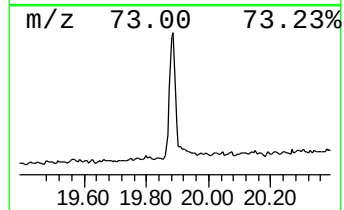
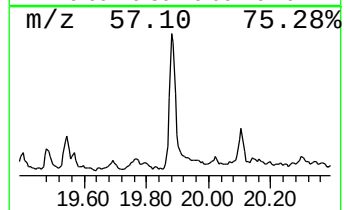
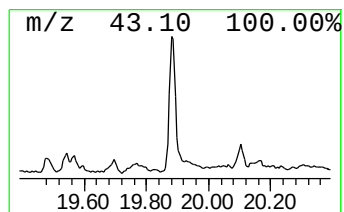
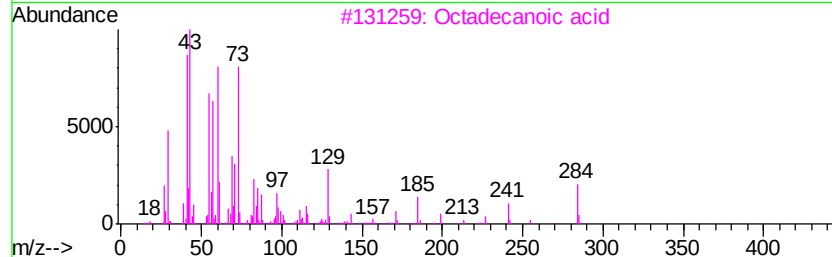
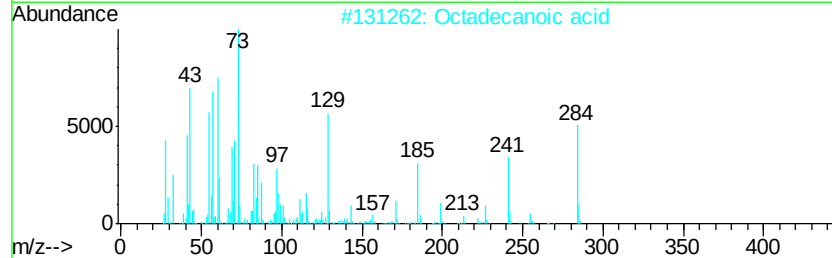
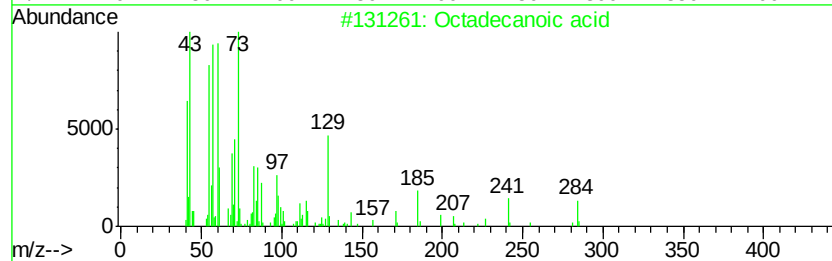
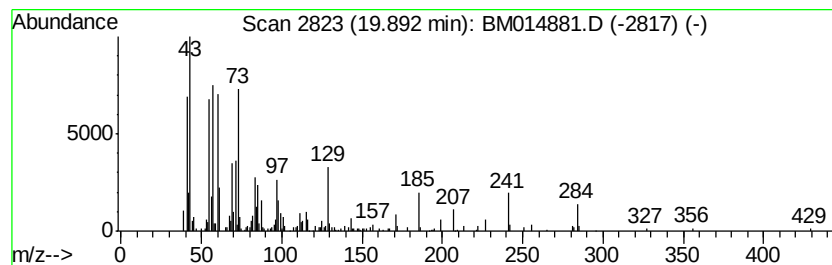
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	3.35 ng/ul	653180	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	83



Data Path : Z:\HPCHEM1\BNA M\DATA\BM043018\
Data File : BM014881.D
Acq On : 30 Apr 2018 23:44
Operator : SJ/JU
Sample : J2603-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

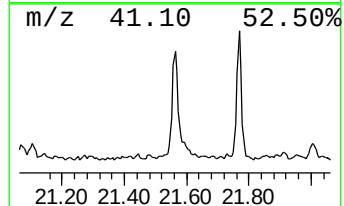
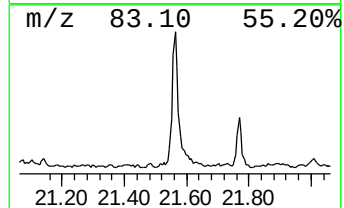
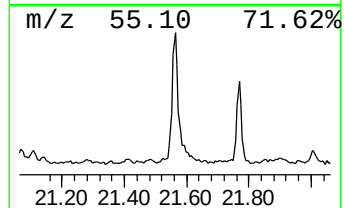
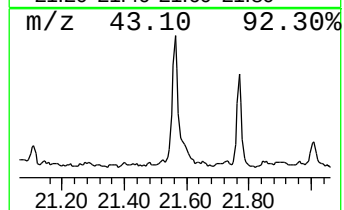
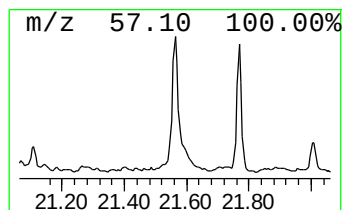
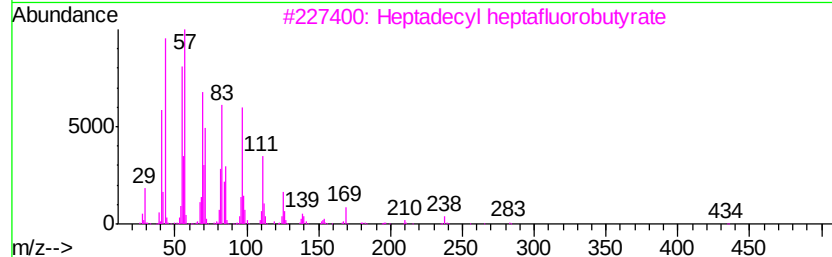
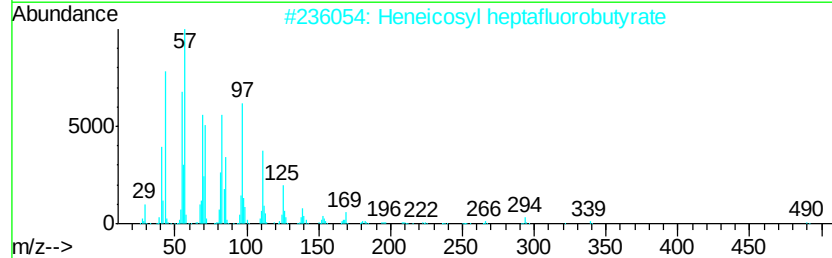
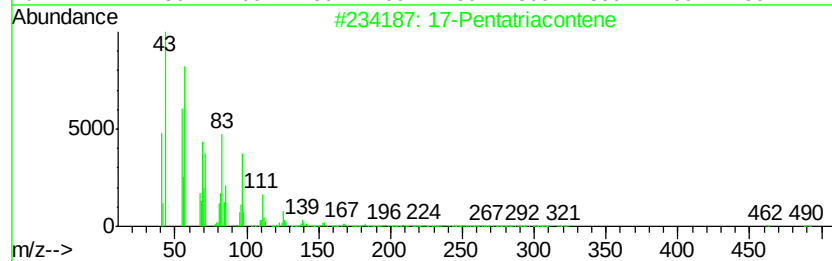
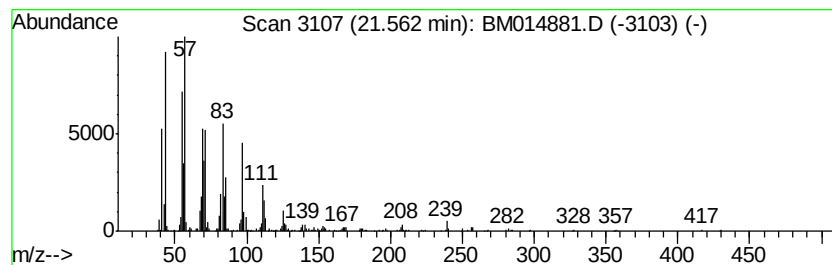
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic21.56 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	3.06 ng/ul	596226	Chrysene-d12	21.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0 91
2	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8 91
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6 91
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1 91
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1 91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM043018\
Data File : BM014881.D
Acq On : 30 Apr 2018 23:44
Operator : SJ/JU
Sample : J2603-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F1B64

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...	3.34	25.1	ng/ul	2931390	1	8.50	2330780	20.0
(DEL) Alkane: Cyc...	11.15	4.3	ng/ul	662708	2	11.34	3074860	20.0
unknown-01	15.00	22.8	ng/ul	4048780	3	15.10	3548060	20.0
n-Hexadecanoic acid	18.64	5.7	ng/ul	1031760	4	17.82	3631860	20.0
Octadecanoic acid	19.89	3.4	ng/ul	653180	5	21.90	3894780	20.0
(DEL) Alkane: Cyc...	21.56	3.1	ng/ul	596226	5	21.90	3894780	20.0