

Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
 Data File : BM013769.D
 Acq On : 24 Jan 2018 15:51
 Operator : SJ/JU
 Sample : J1223-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A45

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-BM011018.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	3.152	24	28	32	rBV2	32392	39131	1.15%	0.094%
2	6.781	639	645	659	rVB	531345	924303	27.16%	2.211%
3	6.940	666	672	683	rBV	387560	615105	18.07%	1.472%
4	7.134	697	705	715	rVB	566789	908749	26.70%	2.174%
5	7.598	778	784	792	rVB	462739	733030	21.54%	1.754%
6	8.310	898	905	915	rBV	638669	1076184	31.62%	2.575%
7	8.751	974	980	989	rBV	522027	869828	25.55%	2.081%
8	9.469	1095	1102	1111	rBV2	455799	791543	23.25%	1.894%
9	10.004	1186	1193	1210	rBV	649679	1130984	33.23%	2.706%
10	10.369	1249	1255	1264	rVB	580762	983647	28.90%	2.353%
11	10.522	1273	1281	1292	rBV	561922	1024570	30.10%	2.451%
12	11.392	1425	1429	1433	rBV4	26690	36934	1.09%	0.088%
13	12.775	1659	1664	1669	rVB	123704	163036	4.79%	0.390%
14	13.086	1713	1717	1722	rVB4	34664	56175	1.65%	0.134%
15	13.163	1726	1730	1735	rVV7	19738	39286	1.15%	0.094%
16	13.316	1751	1756	1760	rVB6	18769	34045	1.00%	0.081%
17	13.380	1760	1767	1770	rBV7	16144	34077	1.00%	0.082%
18	13.669	1809	1816	1820	rBV	1212391	1716096	50.42%	4.106%
19	13.733	1820	1827	1832	rVV3	457852	914802	26.88%	2.189%
20	13.786	1832	1836	1843	rVB8	35475	68218	2.00%	0.163%
21	13.939	1856	1862	1868	rBV	1341753	1915954	56.29%	4.584%
22	14.074	1880	1885	1888	rBV5	34014	55405	1.63%	0.133%
23	14.157	1893	1899	1904	rVB8	30967	61775	1.81%	0.148%
24	14.251	1906	1915	1923	rBV2	826142	1389861	40.83%	3.325%
25	14.480	1948	1954	1965	rBV	401511	746639	21.94%	1.786%
26	14.592	1966	1973	1974	rBV7	29996	49775	1.46%	0.119%
27	14.663	1981	1985	1990	rVB2	106124	142619	4.19%	0.341%
28	14.780	2001	2005	2011	rVB2	179267	245044	7.20%	0.586%
29	15.116	2059	2062	2066	rBV5	28932	35341	1.04%	0.085%
30	15.180	2066	2073	2075	rBV4	60651	113368	3.33%	0.271%
31	15.251	2079	2085	2090	rVB	1603999	2285280	67.14%	5.467%
32	15.386	2104	2108	2119	rVB	416344	669208	19.66%	1.601%
33	15.521	2124	2131	2136	rVB	661348	1026662	30.16%	2.456%
34	15.610	2142	2146	2152	rVB9	39056	78389	2.30%	0.188%

Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
 Data File : BM013769.D
 Acq On : 24 Jan 2018 15:51
 Operator : SJ/JU
 Sample : J1223-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A45

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-BM011018.M
 Title : SVOA CALIBRATION

35	15.727	2161	2166	2171	rVB3	96774	154394	4.54%	0.369%
36	16.004	2206	2213	2217	rBV	1862337	2784751	81.81%	6.662%
37	16.233	2248	2252	2259	rBV9	31728	84968	2.50%	0.203%
38	16.321	2263	2267	2270	rVV3	57439	92061	2.70%	0.220%
39	16.380	2274	2277	2281	rVB	89961	119234	3.50%	0.285%
40	16.557	2304	2307	2308	rBV3	36496	39932	1.17%	0.096%
41	16.580	2308	2311	2314	rVB2	88177	97669	2.87%	0.234%
42	16.821	2347	2352	2357	rBV	605129	780447	22.93%	1.867%
43	17.004	2377	2383	2390	rBV2	1157646	1732442	50.90%	4.145%
44	17.104	2394	2400	2408	rVB	1830260	2602598	76.46%	6.227%
45	17.368	2442	2445	2450	rBV3	52318	59267	1.74%	0.142%
46	17.427	2451	2455	2460	rBV2	185091	265183	7.79%	0.634%
47	17.910	2533	2537	2541	rBV3	167178	224993	6.61%	0.538%
48	18.157	2575	2579	2584	rVB6	58241	97919	2.88%	0.234%
49	18.668	2662	2666	2675	rVB3	89815	166813	4.90%	0.399%
50	19.004	2720	2723	2727	rBV6	58476	89174	2.62%	0.213%
51	19.198	2752	2756	2762	rBV	386156	602160	17.69%	1.441%
52	19.404	2786	2791	2798	rVB	2303482	3096766	90.98%	7.409%
53	19.598	2821	2824	2829	rVB6	50831	74659	2.19%	0.179%
54	20.927	3046	3050	3055	rBV6	132371	188685	5.54%	0.451%
55	21.203	3092	3097	3104	rBV	1599267	2042995	60.02%	4.888%
56	23.262	3440	3447	3457	rVB2	1820878	3403783	100.00%	8.143%
57	23.397	3464	3470	3480	rVB	1051319	2021777	59.40%	4.837%

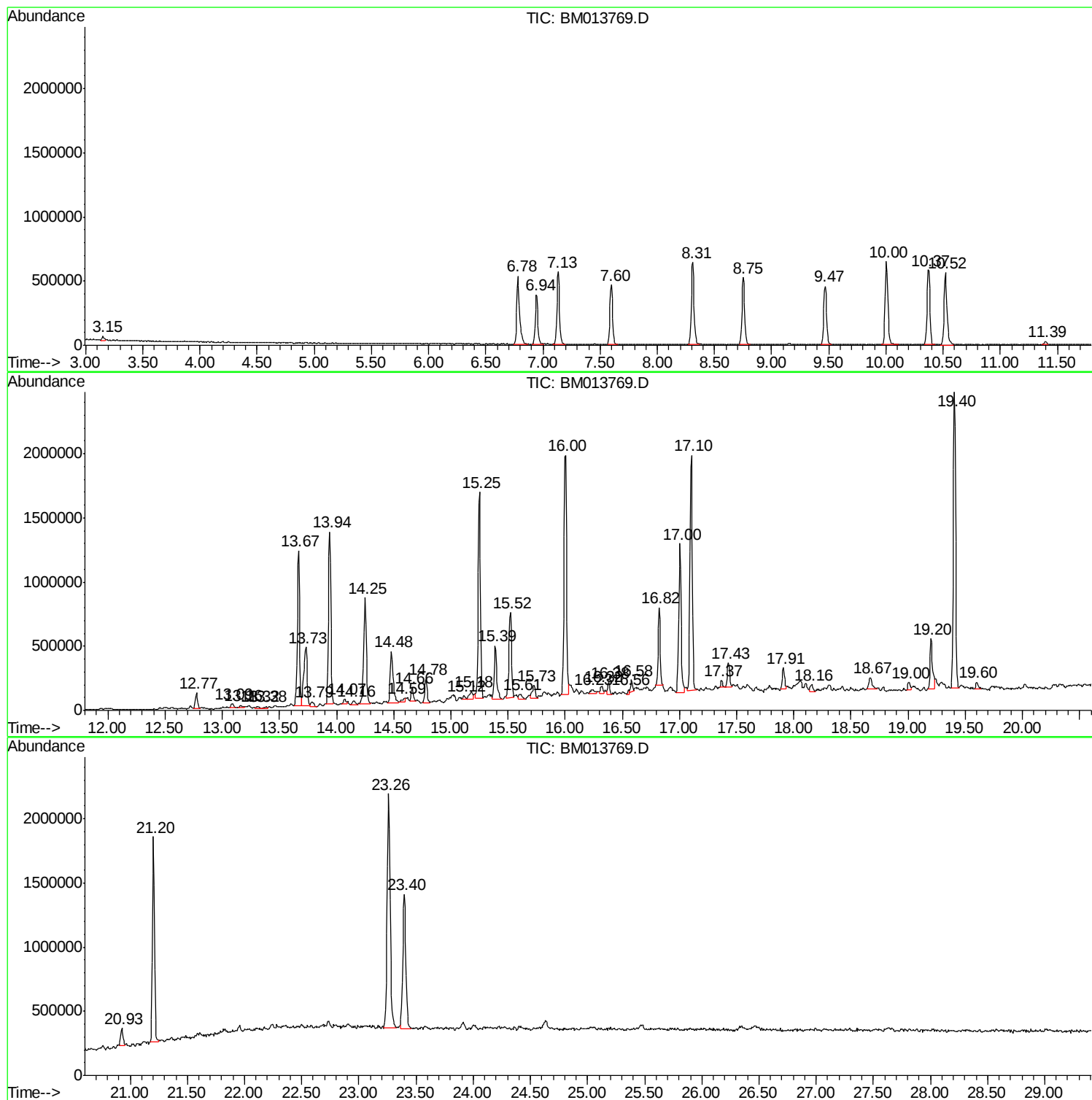
Sum of corrected areas: 41797733

Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013769.D
Acq On : 24 Jan 2018 15:51
Operator : SJ/JU
Sample : J1223-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A45

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013769.D
Acq On : 24 Jan 2018 15:51
Operator : SJ/JU
Sample : J1223-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

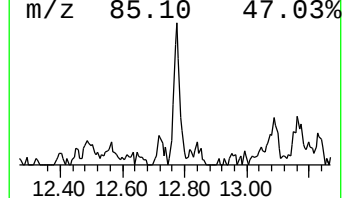
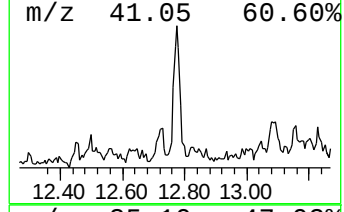
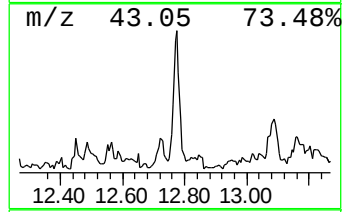
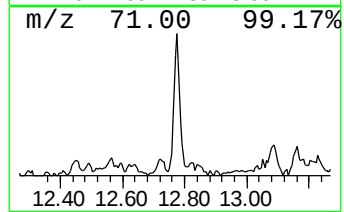
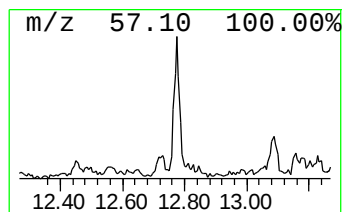
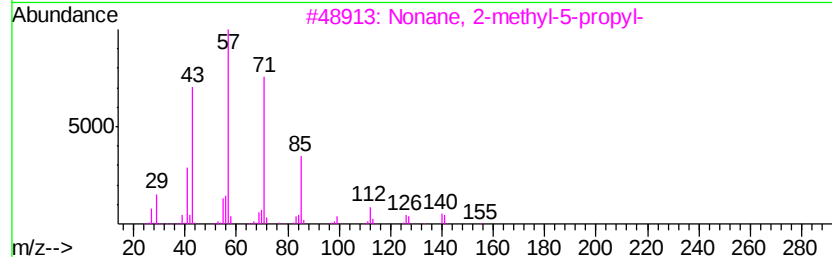
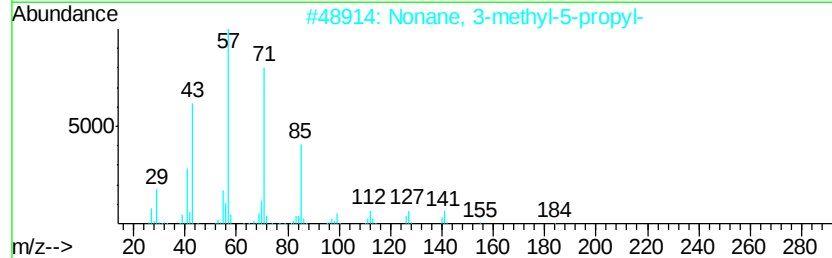
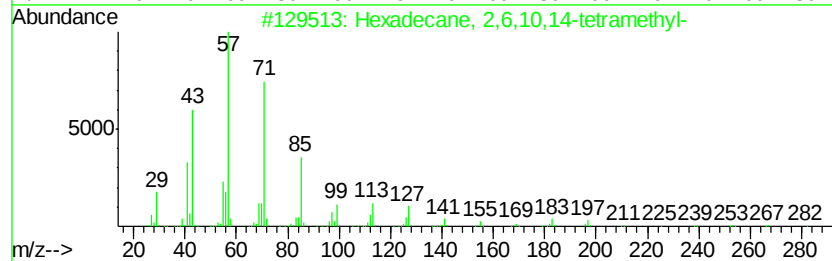
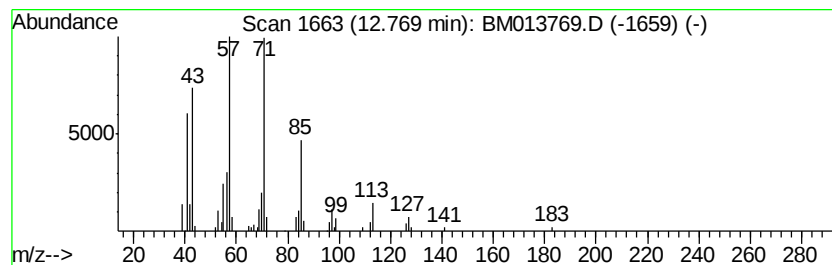
Instrument :
BNA_M
ClientSampleId :
F6A45

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	2.35 ng/ul	163036	Acenaphthene-d10	14.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282 C20H42	000638-36-8	83
2	Nonane, 3-methyl-5-propyl-	184 C13H28	031081-18-2	80
3	Nonane, 2-methyl-5-propyl-	184 C13H28	031081-17-1	64
4	Tridecane, 2-methyl-	198 C14H30	001560-96-9	64
5	Nonane, 5-(2-methylpropyl)-	184 C13H28	062185-53-9	59



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013769.D
Acq On : 24 Jan 2018 15:51
Operator : SJ/JU
Sample : J1223-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

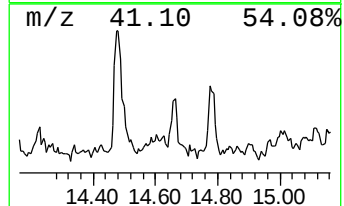
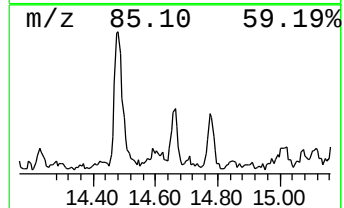
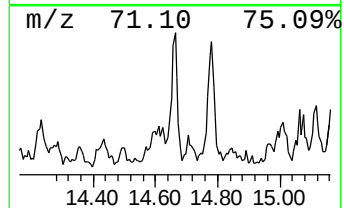
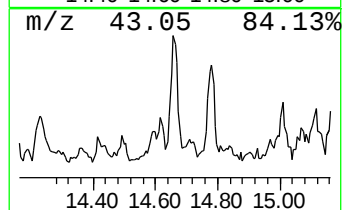
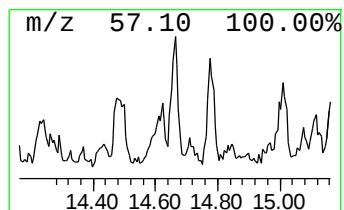
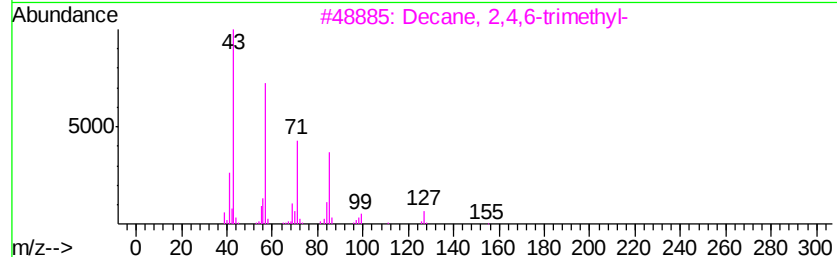
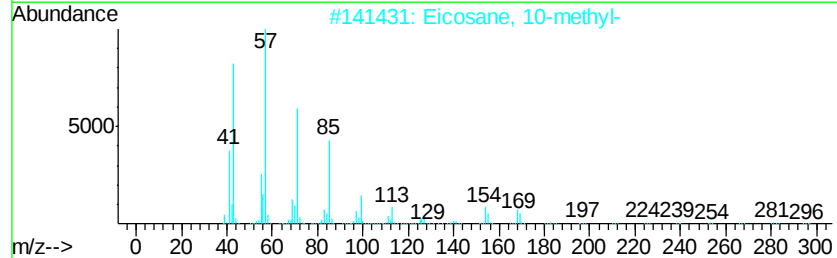
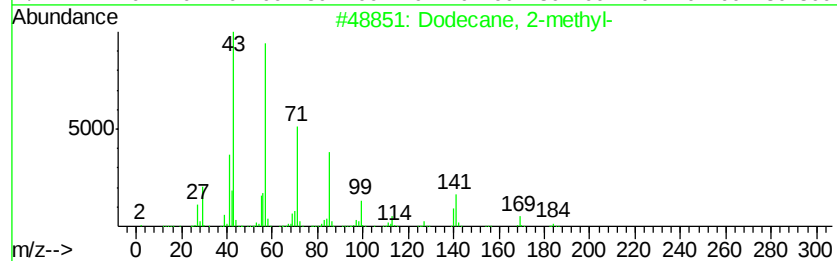
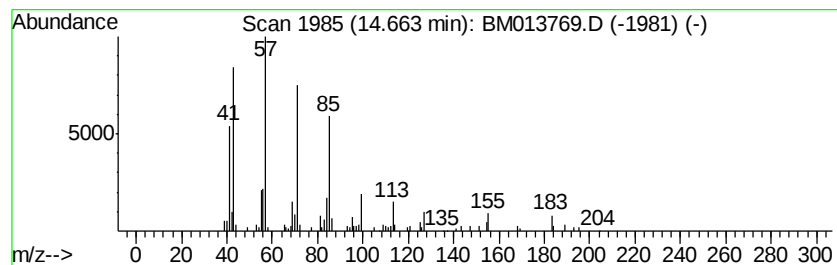
Instrument :
BNA_M
ClientSampleId :
F6A45

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.66	2.05 ng/ul	142619	Acenaphthene-d10		14.25
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	80
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	72
3	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	64
4	Dodecane, 5-methyl-	184	C13H28	017453-93-9	59
5	4-Heptanone, 2-methyl-	128	C8H16O	000626-33-5	47



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013769.D
Acq On : 24 Jan 2018 15:51
Operator : SJ/JU
Sample : J1223-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

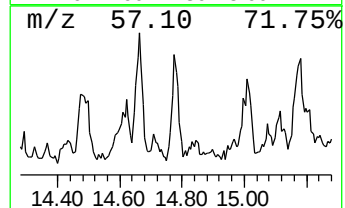
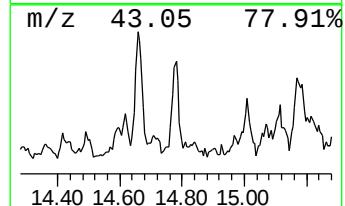
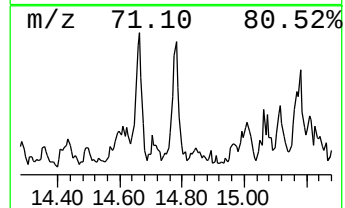
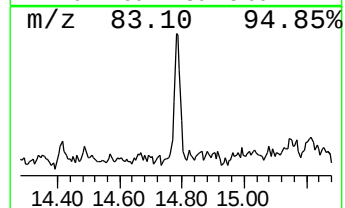
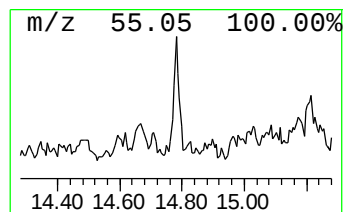
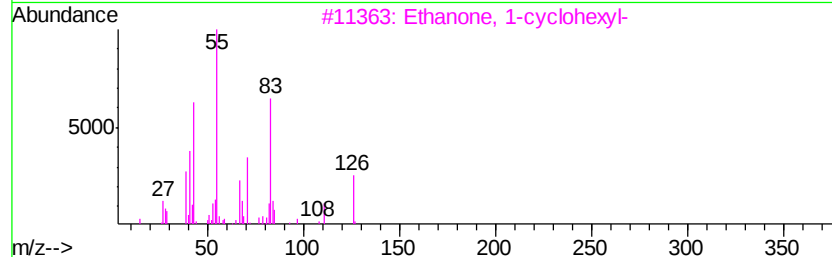
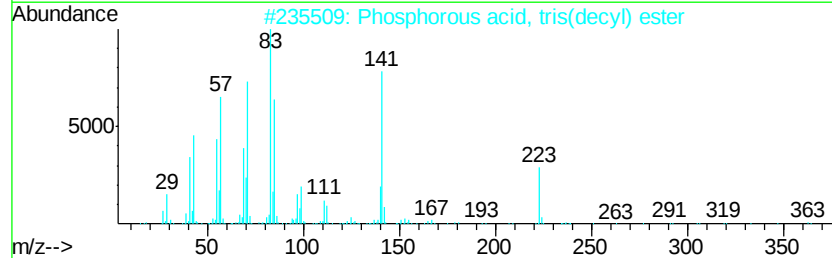
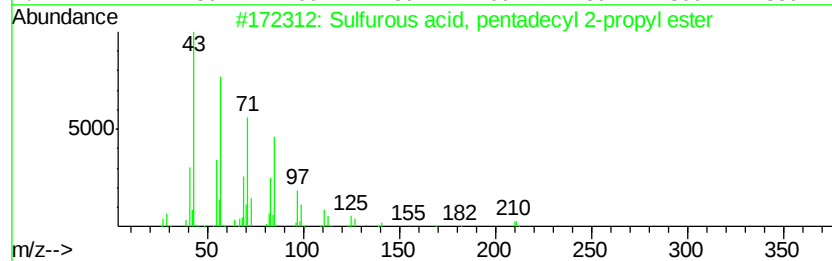
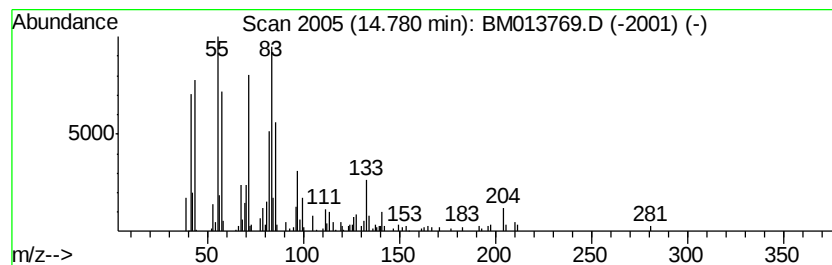
Instrument :
BNA_M
ClientSampleId :
F6A45

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	3.53 ng/ul	245044	Acenaphthene-d10	14.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Sulfurous acid, pentadecyl 2-pro...	334 C18H38O3S	1000309-12-6 43
2		Phosphorous acid, tris(decyl) ester	502 C30H63O3P	002929-86-4 38
3		Ethanone, 1-cyclohexyl-	126 C8H14O	000823-76-7 38
4		Cyclopentane, (2-methylpropyl)-	126 C9H18	003788-32-7 38
5		Tetratetracontane	619 C44H90	007098-22-8 38



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013769.D
Acq On : 24 Jan 2018 15:51
Operator : SJ/JU
Sample : J1223-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A45

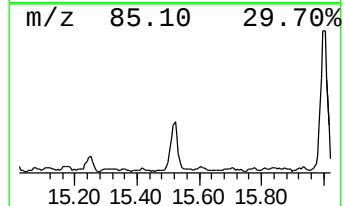
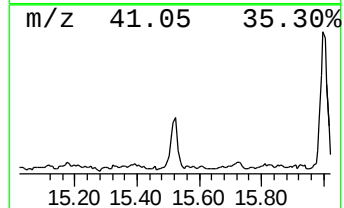
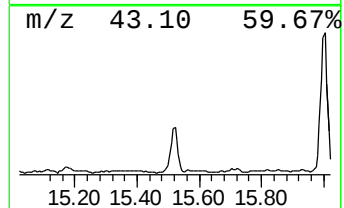
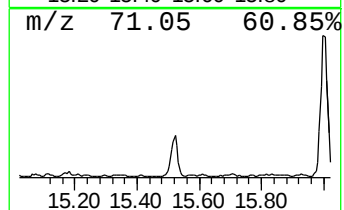
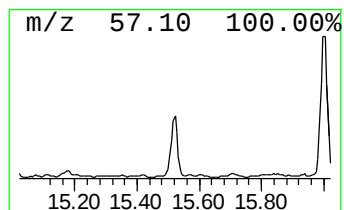
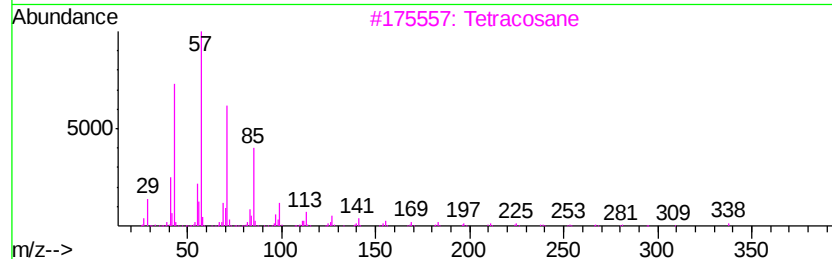
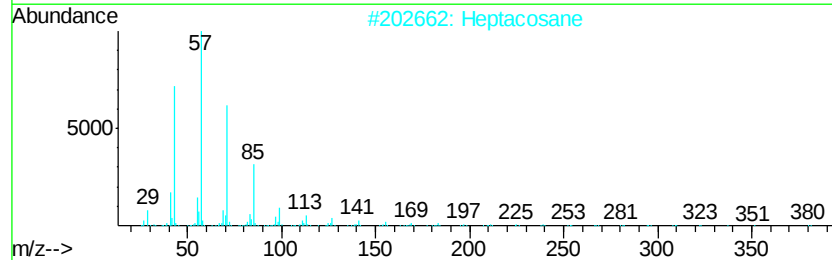
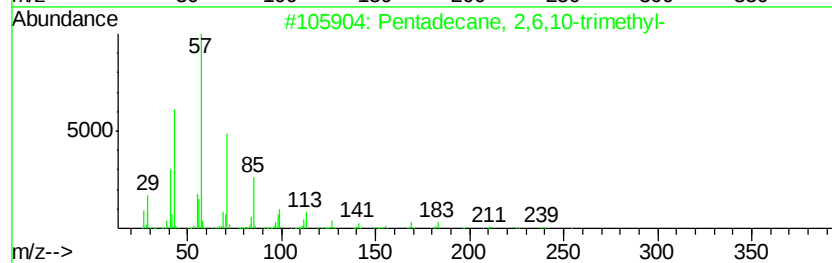
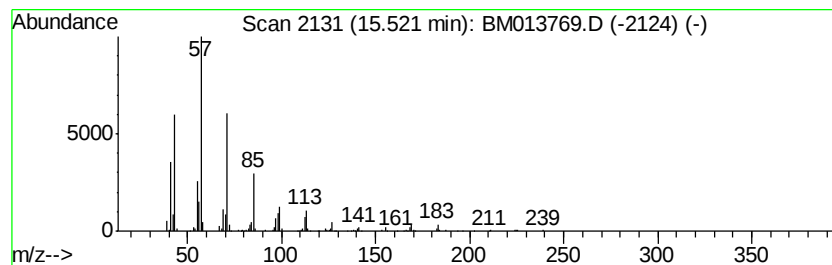
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	14.77 ng/ul	1026660	Acenaphthene-d10	14.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	91
2		Heptacosane	380	C27H56	000593-49-7	80
3		Tetracosane	338	C24H50	000646-31-1	80
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
5		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013769.D
Acq On : 24 Jan 2018 15:51
Operator : SJ/JU
Sample : J1223-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A45

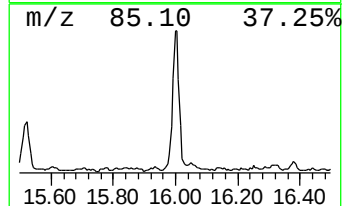
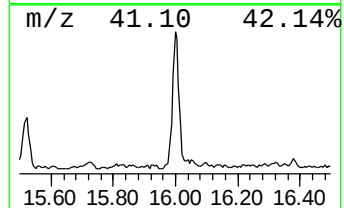
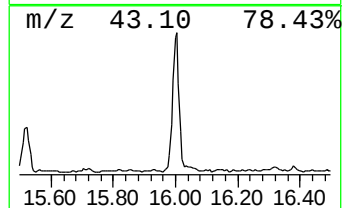
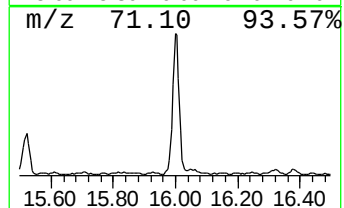
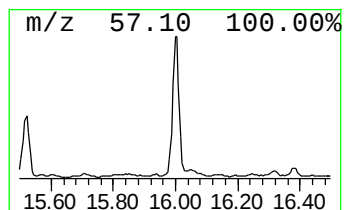
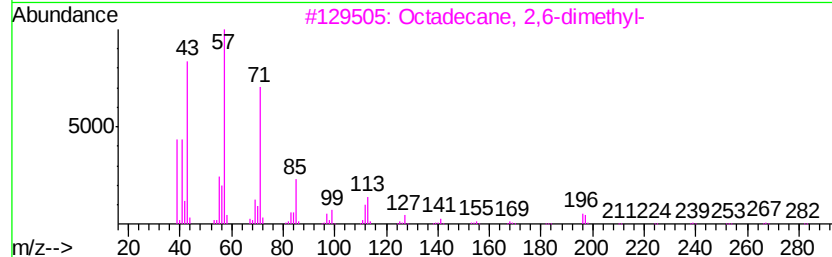
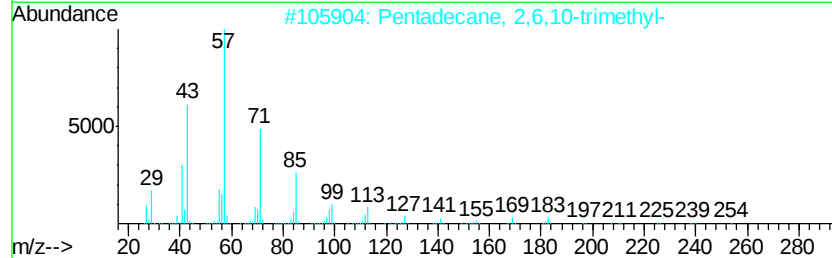
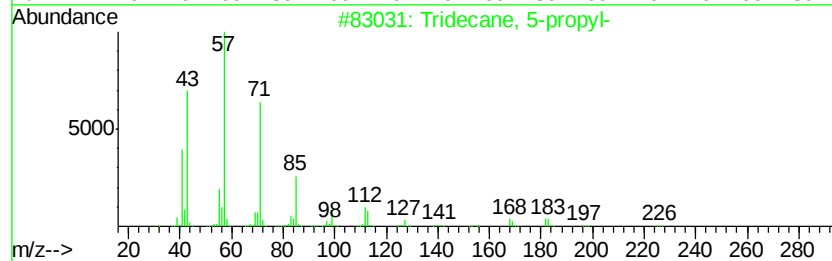
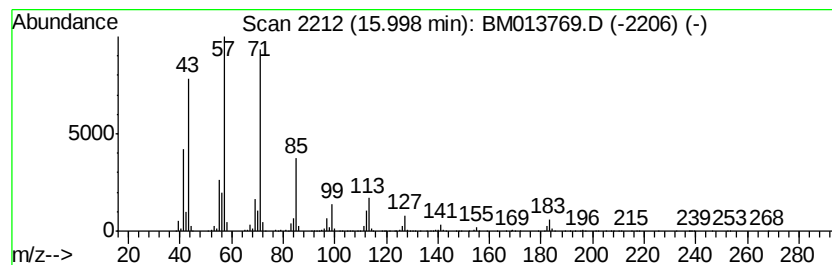
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	32.15 ng/ul	2784750	Phenanthrene-d10	17.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	93
2		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	91
3		Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	90
4		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	90
5		Tridecane, 4-methyl-	198	C14H30	026730-12-1	76



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013769.D
Acq On : 24 Jan 2018 15:51
Operator : SJ/JU
Sample : J1223-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A45

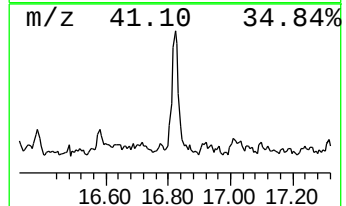
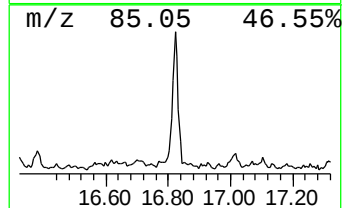
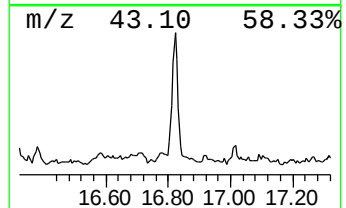
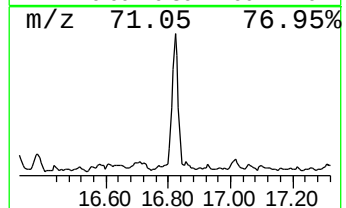
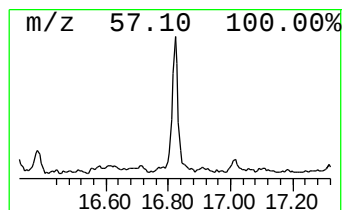
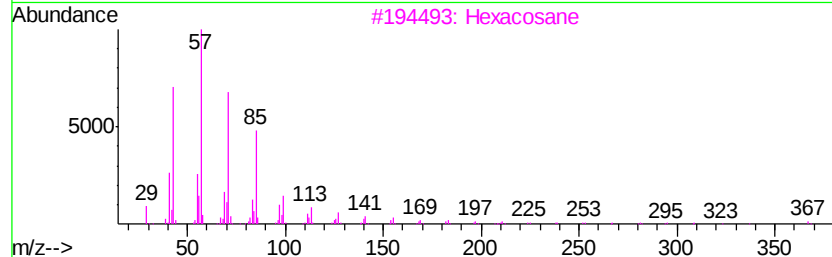
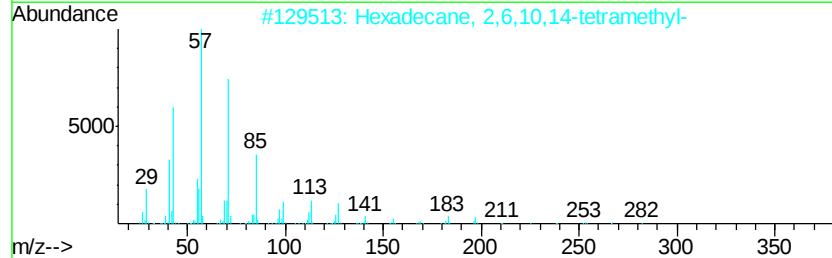
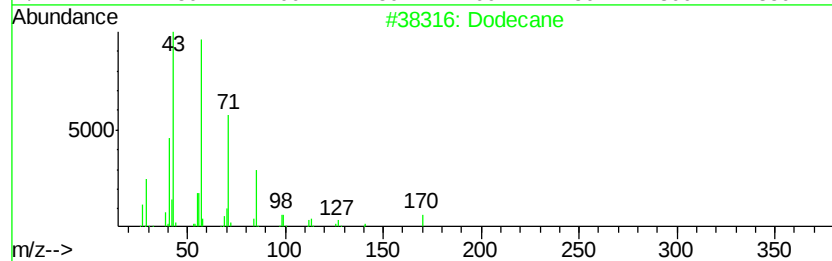
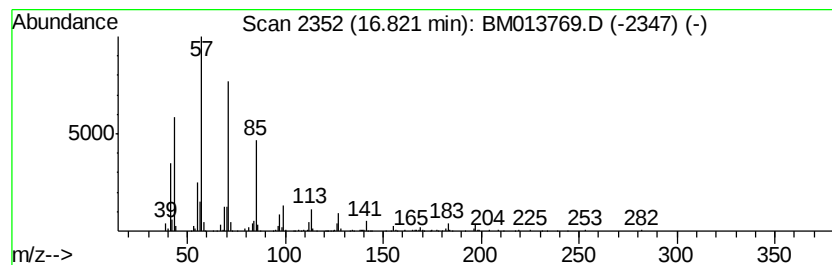
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	9.01 ng/ul	780447	Phenanthrene-d10	17.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	93
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
3			Hexacosane	366	C26H54	000630-01-3	91
4			Tetracosane	338	C24H50	000646-31-1	91
5			Octadecane	254	C18H38	000593-45-3	90



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013769.D
Acq On : 24 Jan 2018 15:51
Operator : SJ/JU
Sample : J1223-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A45

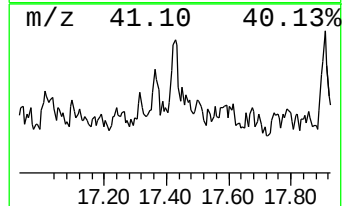
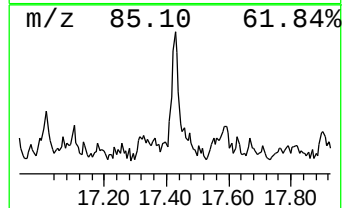
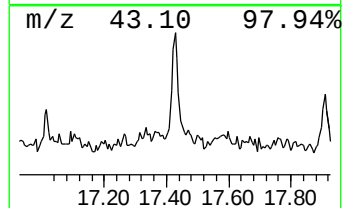
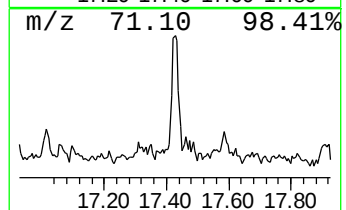
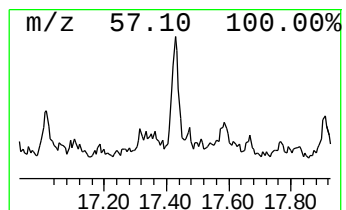
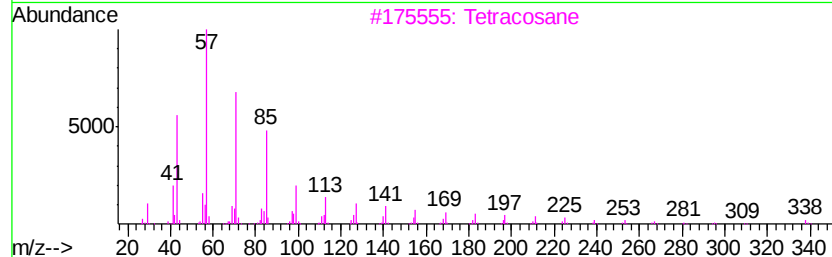
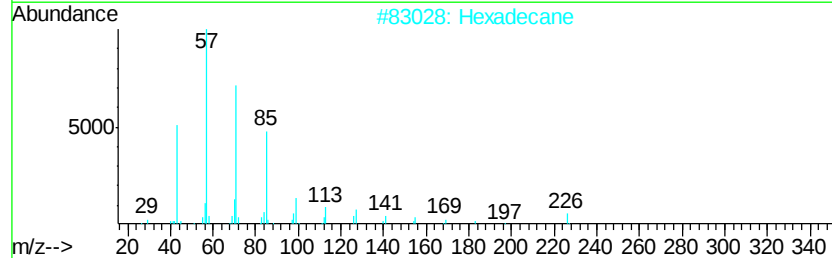
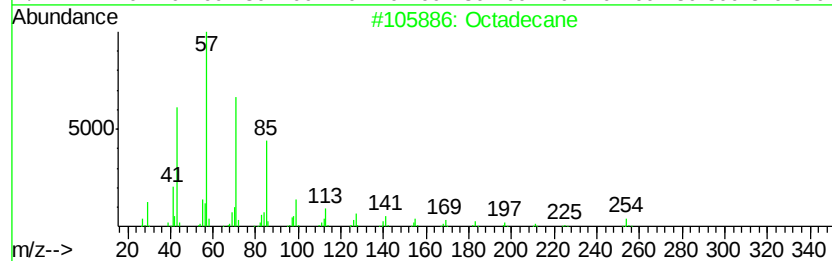
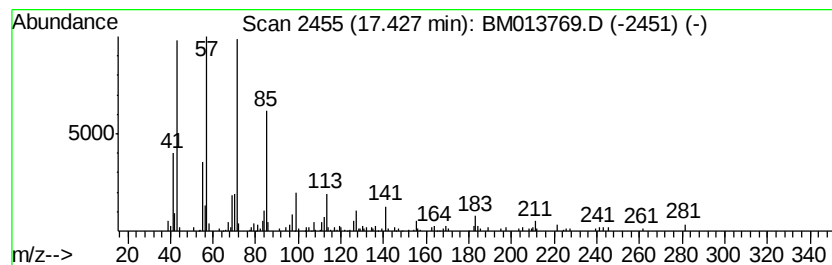
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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.
17.43	3.06 ng/ul	265183	Phenanthrene-d10	17.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	86
2			Hexadecane	226	C16H34	000544-76-3	86
3			Tetracosane	338	C24H50	000646-31-1	83
4			Heneicosane	296	C21H44	000629-94-7	80
5			Heneicosane	296	C21H44	000629-94-7	72



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013769.D
Acq On : 24 Jan 2018 15:51
Operator : SJ/JU
Sample : J1223-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A45

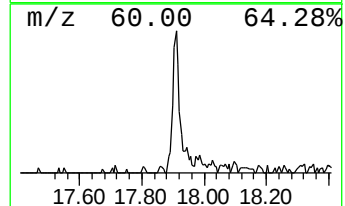
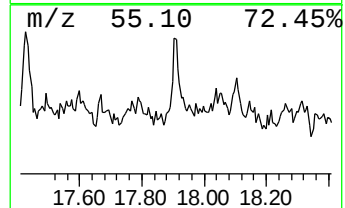
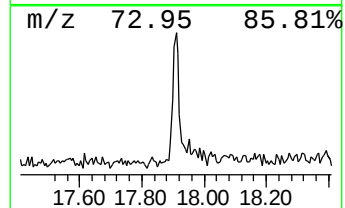
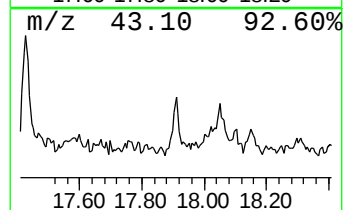
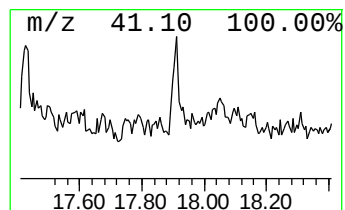
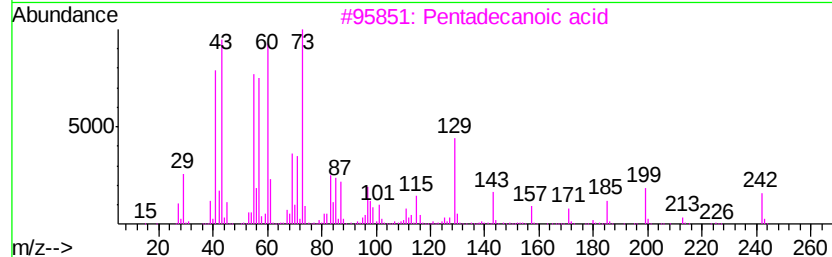
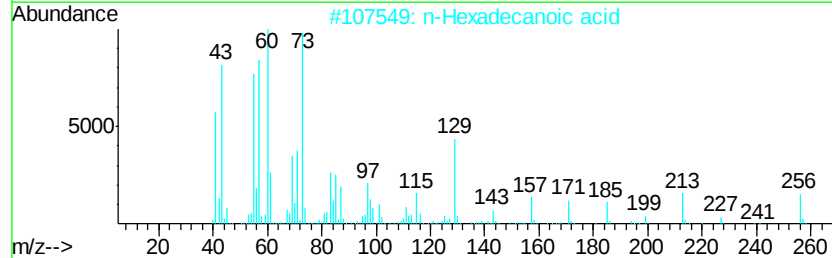
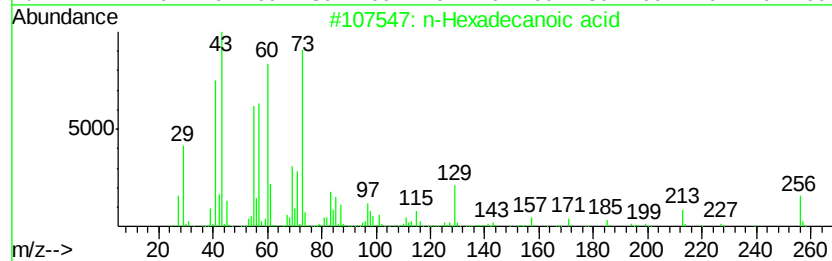
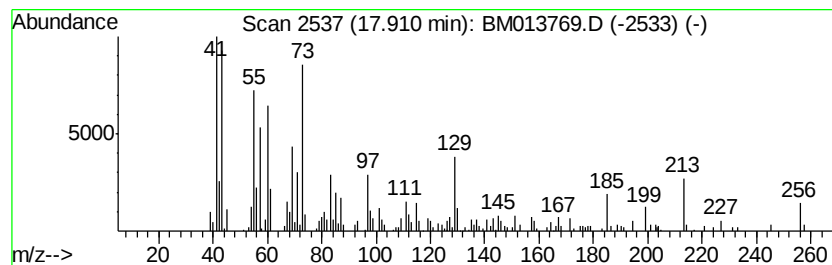
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	2.60 ng/ul	224993	Phenanthrene-d10	17.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	47
5			Tridecanoic acid	214	C13H26O2	000638-53-9	47



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013769.D
Acq On : 24 Jan 2018 15:51
Operator : SJ/JU
Sample : J1223-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A45

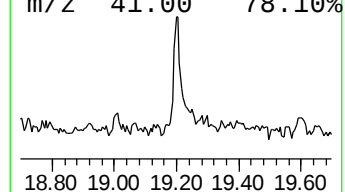
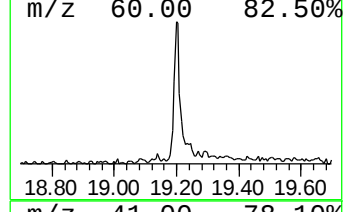
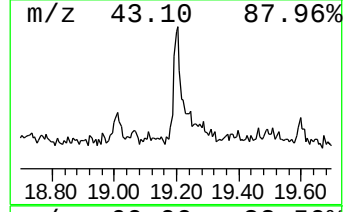
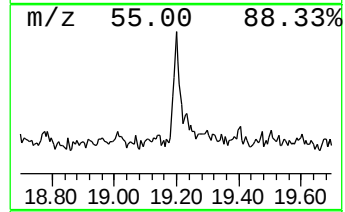
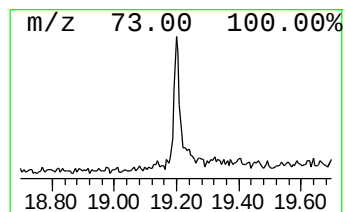
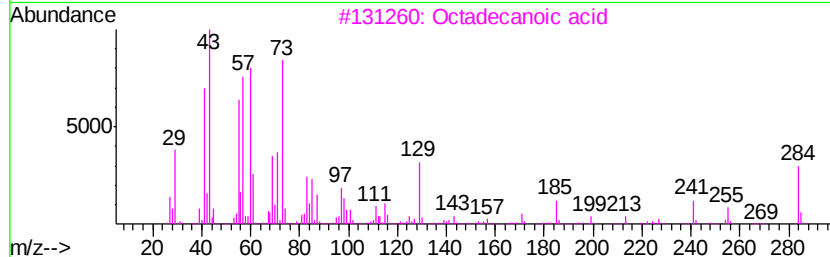
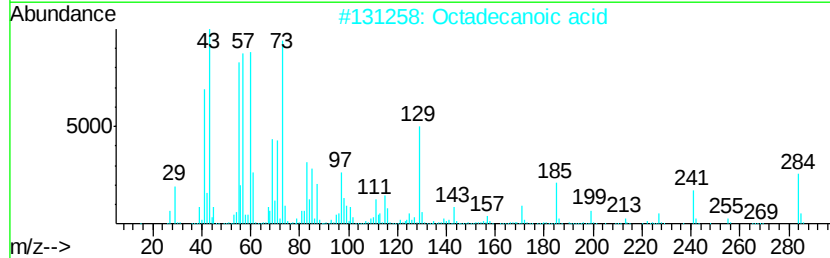
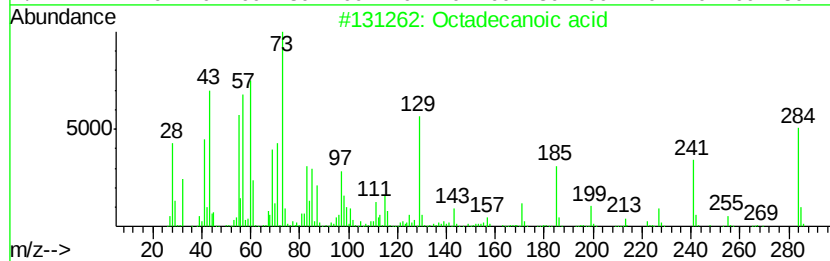
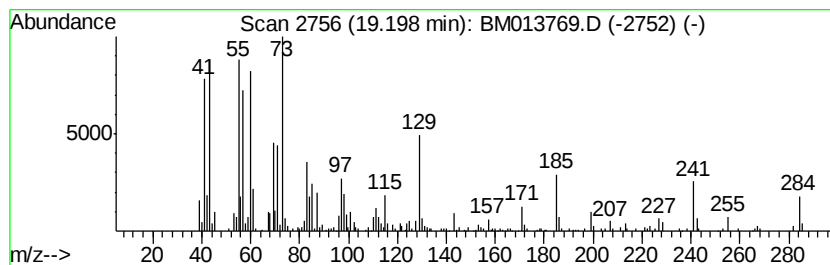
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	5.89 ng/ul	602160	Chrysene-d12	21.20

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	98



Data Path : Z:\HPCHEM1\BNA_M\Data\BM012418\
Data File : BM013769.D
Acq On : 24 Jan 2018 15:51
Operator : SJ/JU
Sample : J1223-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A45

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.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
(DEL) Alkane: Str...	12.77	2.4	ng/ul	163036	3	14.25	1389860	20.0
(DEL) Alkane: Str...	14.66	2.0	ng/ul	142619	3	14.25	1389860	20.0
unknown-01	14.78	3.5	ng/ul	245044	3	14.25	1389860	20.0
(DEL) Alkane: Str...	15.52	14.8	ng/ul	1026660	3	14.25	1389860	20.0
(DEL) Alkane: Str...	16.00	32.1	ng/ul	2784750	4	17.00	1732440	20.0
(DEL) Alkane: Str...	16.82	9.0	ng/ul	780447	4	17.00	1732440	20.0
(DEL) Alkane: Str...	17.43	3.1	ng/ul	265183	4	17.00	1732440	20.0
n-Hexadecanoic acid	17.91	2.6	ng/ul	224993	4	17.00	1732440	20.0
Octadecanoic acid	19.20	5.9	ng/ul	602160	5	21.20	2043000	20.0