

Data Path : U:\HPCHEM1\BNA M\DATA\BM012018\
 Data File : BM013681.D
 Acq On : 20 Jan 2018 14:42
 Operator : SJ/JU
 Sample : J1097-21
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DAJQ3

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	3.157	26	29	37	rVB4	34116	57322	1.92%	0.156%
2	4.775	298	304	310	rBV3	25092	46014	1.54%	0.125%
3	6.792	641	647	661	rVB	565673	1027747	34.42%	2.794%
4	6.957	668	675	685	rBV	446450	671798	22.50%	1.827%
5	7.145	699	707	718	rBV	609548	971010	32.52%	2.640%
6	7.610	780	786	795	rBV	595937	938741	31.44%	2.552%
7	8.322	899	907	918	rBV	707162	1169283	39.16%	3.179%
8	8.769	975	983	992	rBV	567879	961731	32.21%	2.615%
9	9.169	1047	1051	1057	rBV3	21715	33776	1.13%	0.092%
10	9.486	1097	1105	1113	rBV	459048	814004	27.26%	2.213%
11	10.016	1190	1195	1209	rBV	672438	1213887	40.66%	3.300%
12	10.386	1252	1258	1267	rBV	779831	1280509	42.89%	3.482%
13	10.539	1276	1284	1302	rBV	558063	1107736	37.10%	3.012%
14	11.933	1515	1521	1528	rBV4	17982	39046	1.31%	0.106%
15	13.086	1711	1717	1723	rVB2	34850	50633	1.70%	0.138%
16	13.680	1812	1818	1823	rBV	1230666	1690837	56.63%	4.597%
17	13.727	1823	1826	1834	rVV	278898	419768	14.06%	1.141%
18	13.951	1858	1864	1874	rBV	1426882	2099942	70.33%	5.710%
19	14.168	1896	1901	1908	rBV	113969	165070	5.53%	0.449%
20	14.263	1908	1917	1929	rVV2	1032904	1639267	54.90%	4.457%
21	14.492	1950	1956	1970	rBV	332181	640162	21.44%	1.741%
22	14.792	2003	2007	2012	rVB5	44379	61467	2.06%	0.167%
23	15.127	2060	2064	2069	rVB	151112	188750	6.32%	0.513%
24	15.262	2081	2087	2093	rVB	1751510	2385368	79.89%	6.486%
25	15.398	2105	2110	2120	rBV	375732	594500	19.91%	1.616%
26	15.533	2124	2133	2138	rBV3	85422	196349	6.58%	0.534%
27	15.633	2147	2150	2154	rVB6	32113	37230	1.25%	0.101%
28	15.686	2156	2159	2164	rVB4	24603	38034	1.27%	0.103%
29	15.992	2206	2211	2213	rBV2	183776	252099	8.44%	0.685%
30	16.339	2266	2270	2271	rBV4	23665	34154	1.14%	0.093%
31	16.674	2323	2327	2336	rBV3	130535	213934	7.16%	0.582%
32	16.786	2342	2346	2349	rBV	129000	151533	5.08%	0.412%
33	16.833	2350	2354	2361	rVB	119261	181950	6.09%	0.495%
34	17.015	2379	2385	2392	rBV	1363433	1877624	62.88%	5.105%

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Title : SVOA CALIBRATION

35	17.115	2396	2402	2415	rVB	1783469	2530181	84.74%	6.879%
36	17.521	2468	2471	2475	rVB3	82779	101403	3.40%	0.276%
37	17.921	2535	2539	2543	rBV2	143970	188011	6.30%	0.511%
38	18.215	2586	2589	2594	rVB2	76614	99102	3.32%	0.269%
39	18.856	2695	2698	2703	rVB6	62579	76217	2.55%	0.207%
40	19.209	2755	2758	2762	rBV5	78836	99019	3.32%	0.269%
41	19.415	2788	2793	2800	rVB	2045055	2818613	94.40%	7.664%
42	20.356	2950	2953	2957	rVB2	135146	146882	4.92%	0.399%
43	20.939	3048	3052	3062	rVB3	172760	250350	8.38%	0.681%
44	21.139	3084	3086	3090	rVB2	84451	69079	2.31%	0.188%
45	21.215	3094	3099	3105	rVV	1693848	2106276	70.54%	5.727%
46	23.274	3443	3449	3461	rBV2	1589297	2985820	100.00%	8.118%
47	23.415	3467	3473	3484	rVB	1093287	2057096	68.90%	5.593%

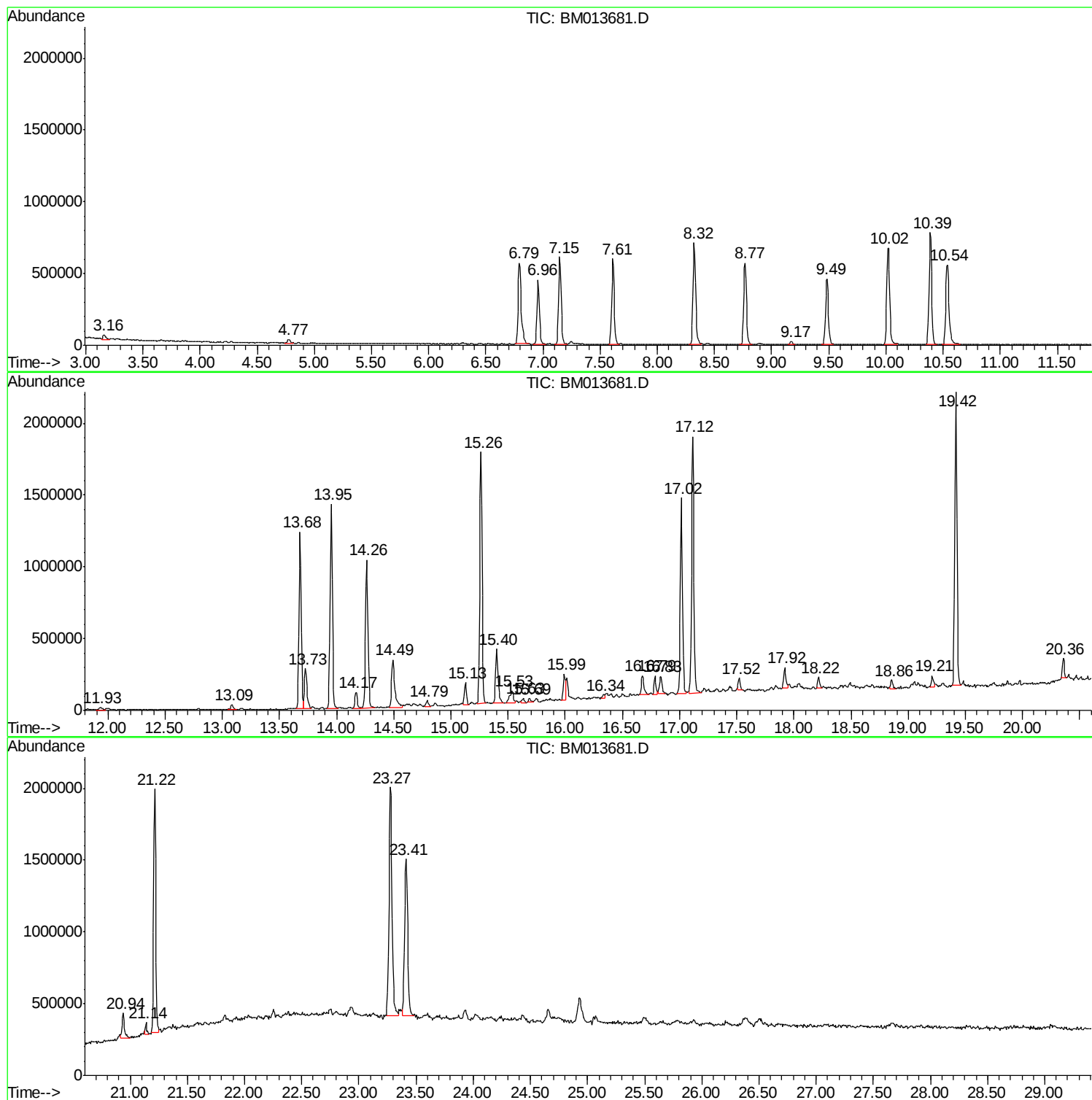
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



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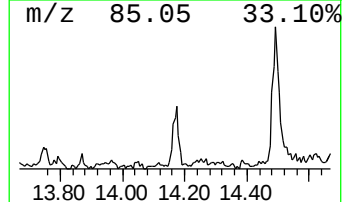
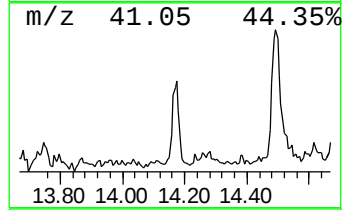
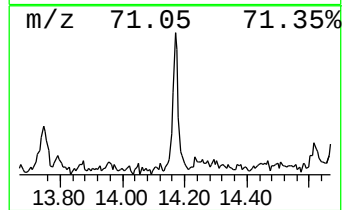
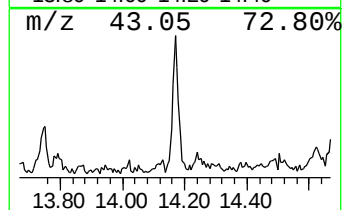
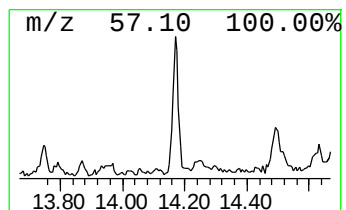
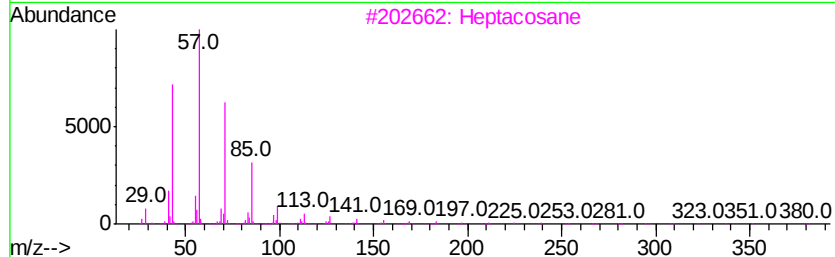
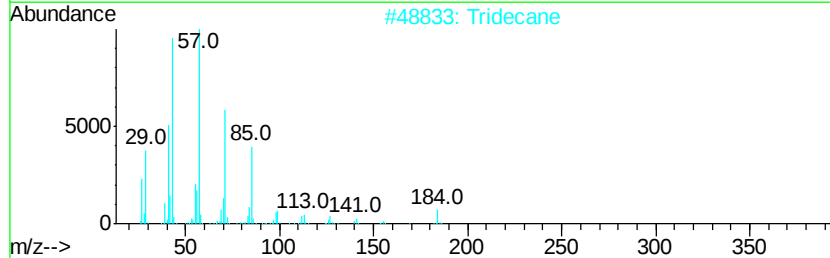
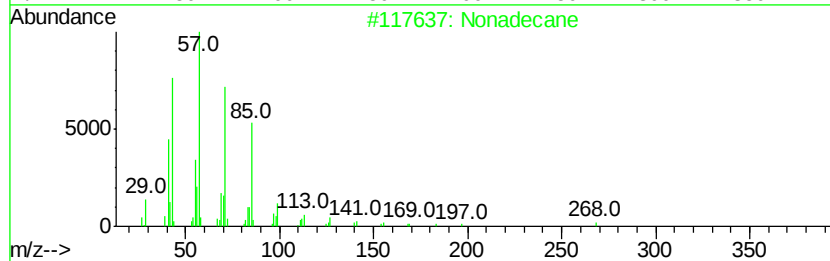
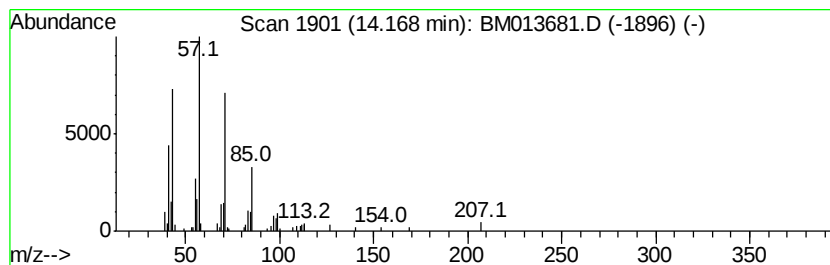
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	2.01 ng/ul	165070	Acenaphthene-d10	14.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	80
2		Tridecane	184	C13H28	000629-50-5	80
3		Heptacosane	380	C27H56	000593-49-7	80
4		Pentadecane	212	C15H32	000629-62-9	80
5		Tetradecane	198	C14H30	000629-59-4	80



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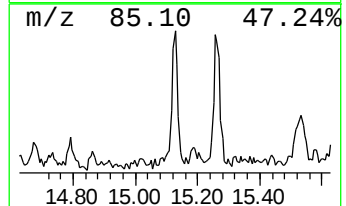
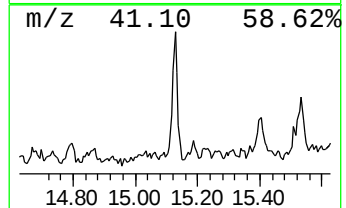
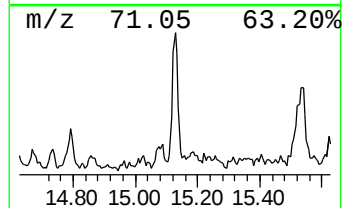
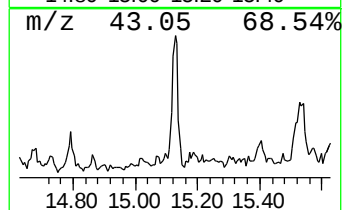
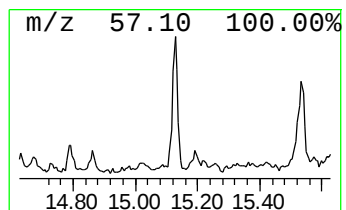
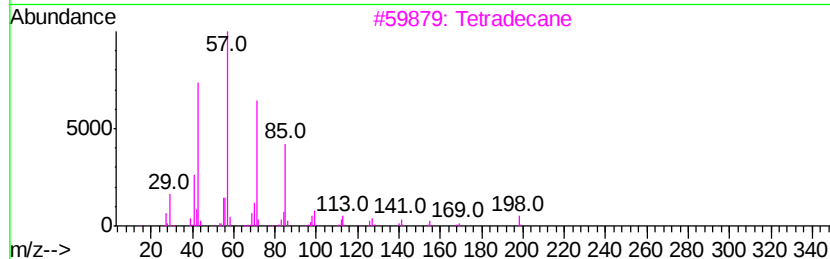
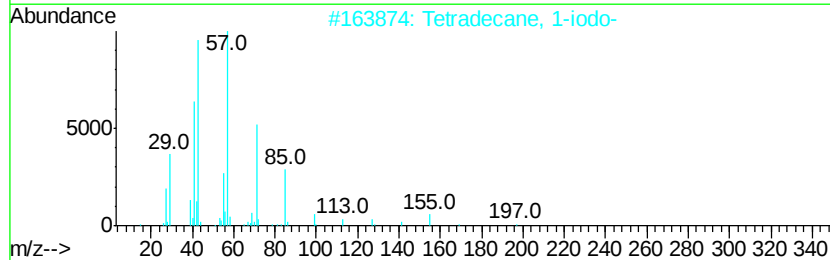
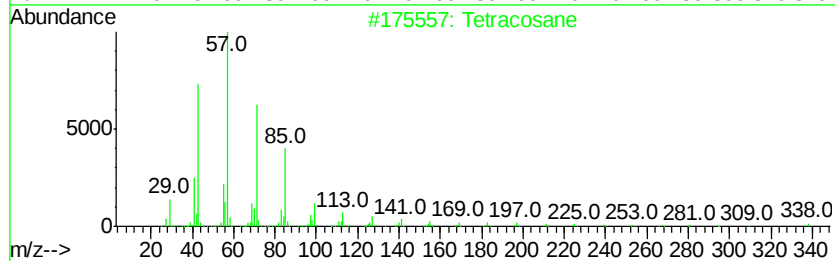
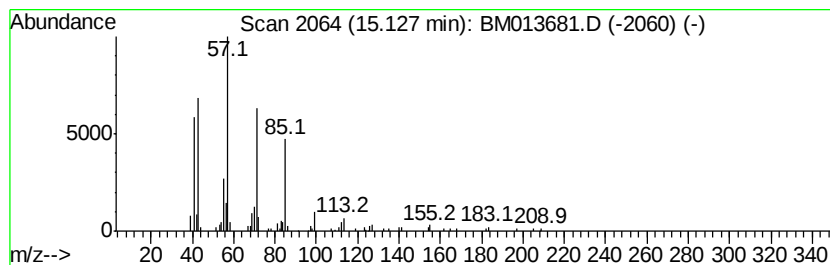
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	2.30 ng/ul	188750	Acenaphthene-d10	14.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	86
2			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
3			Tetradecane	198	C14H30	000629-59-4	78
4			Hexadecane	226	C16H34	000544-76-3	72
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72



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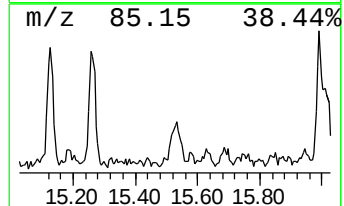
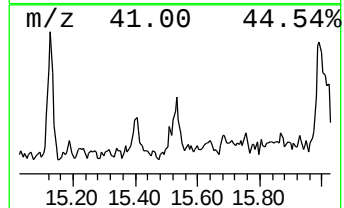
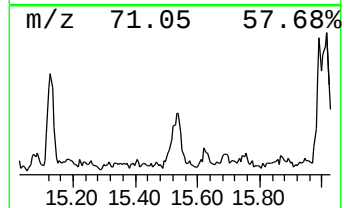
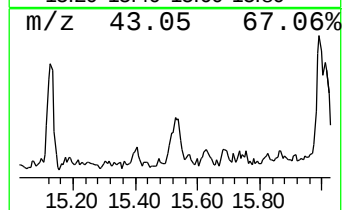
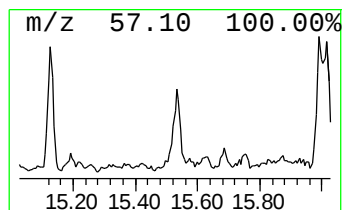
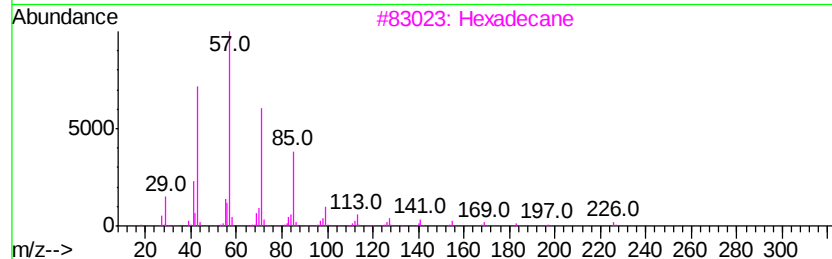
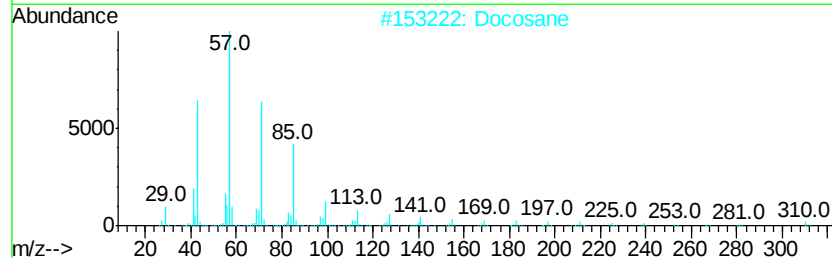
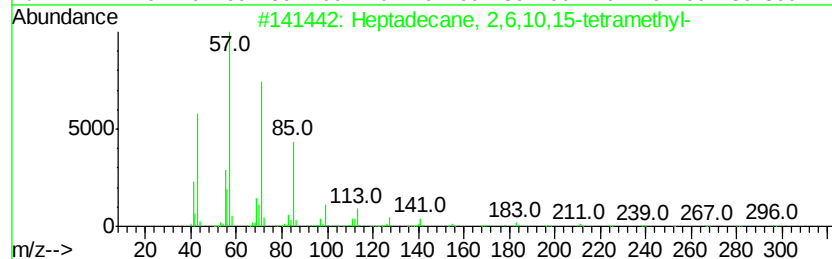
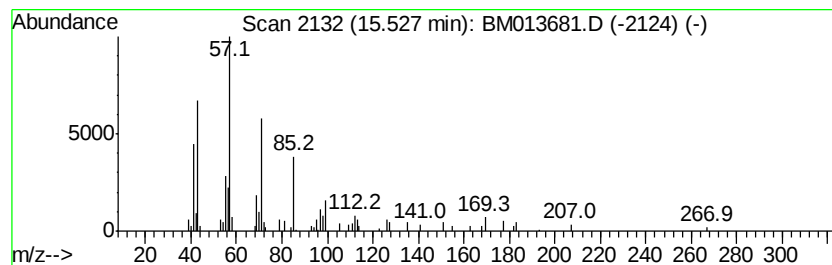
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	2.40 ng/ul	196349	Acenaphthene-d10	14.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
2		Docosane	310	C22H46	000629-97-0	78
3		Hexadecane	226	C16H34	000544-76-3	72
4		Octadecane	254	C18H38	000593-45-3	72
5		Heptadecane	240	C17H36	000629-78-7	72



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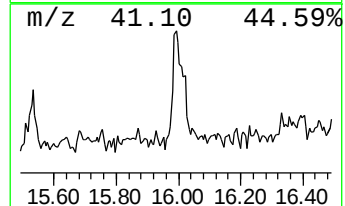
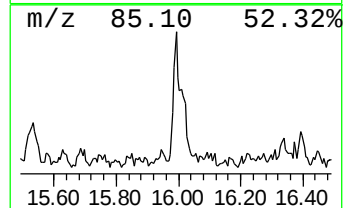
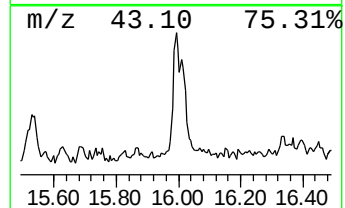
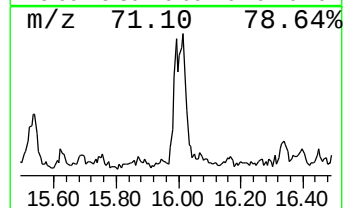
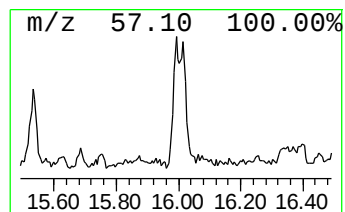
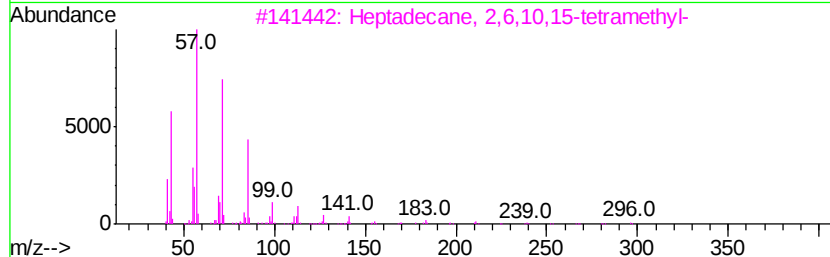
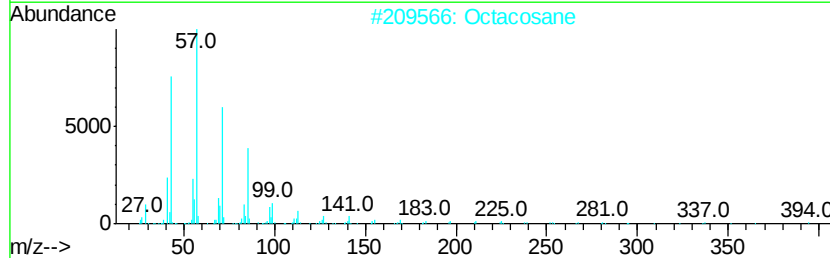
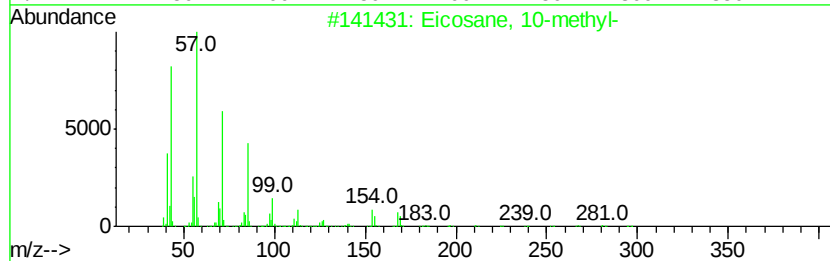
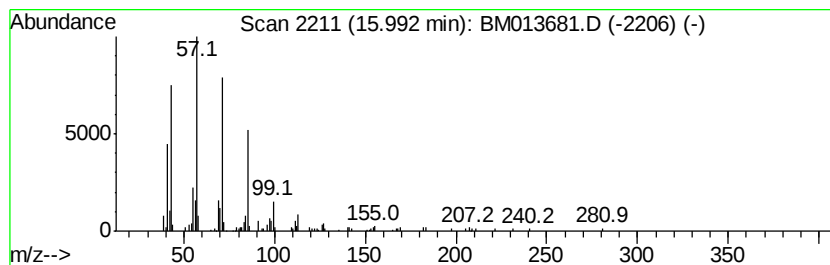
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	2.69 ng/ul	252099	Phenanthrene-d10	17.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
2			Octacosane	394	C28H58	000630-02-4	90
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4			Tetradecane	198	C14H30	000629-59-4	90
5			Tetradecane	198	C14H30	000629-59-4	90



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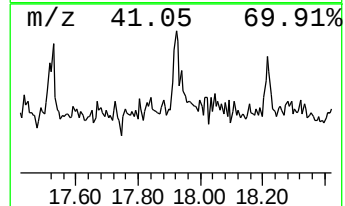
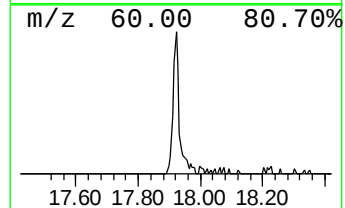
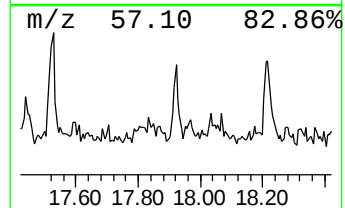
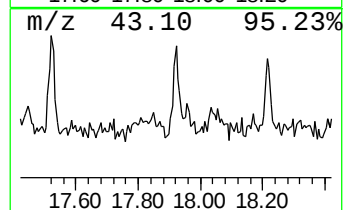
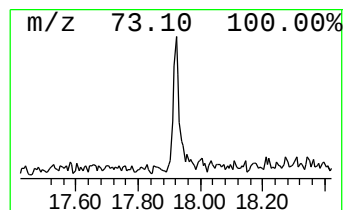
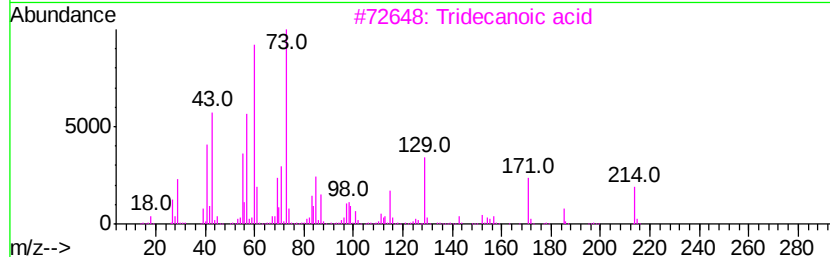
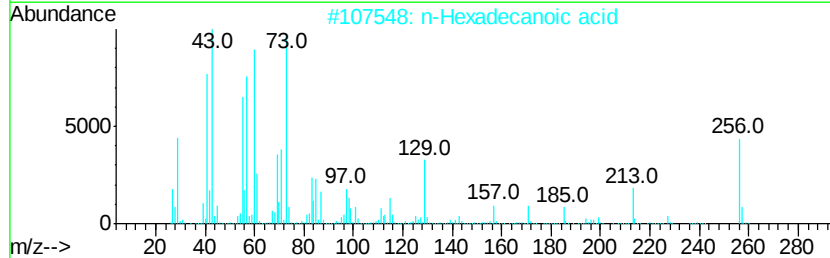
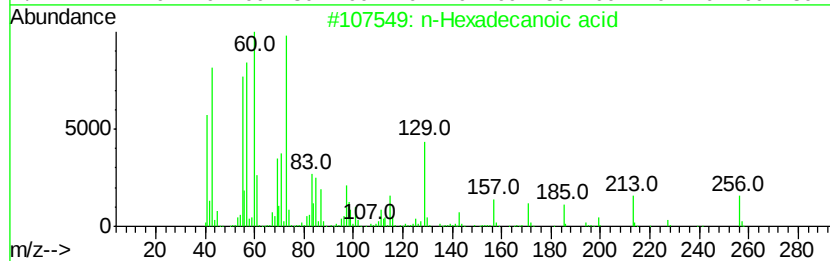
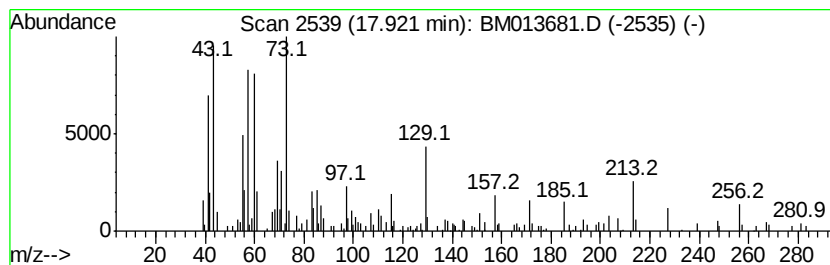
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TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	2.00 ng/ul	188011	Phenanthrene-d10	17.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3		Tridecanoic acid	214	C13H26O2	000638-53-9	74
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64



Data Path : U:\HPCHEM1\BNA M\DATA\BM012018\
Data File : BM013681.D
Acq On : 20 Jan 2018 14:42
Operator : SJ/JU
Sample : J1097-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DAJQ3

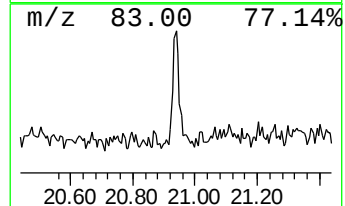
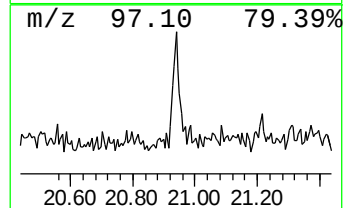
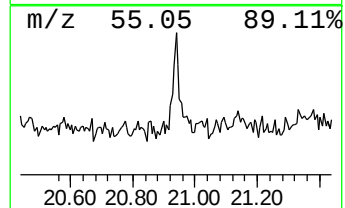
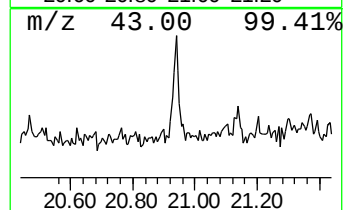
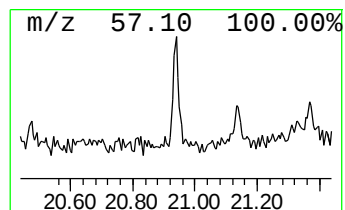
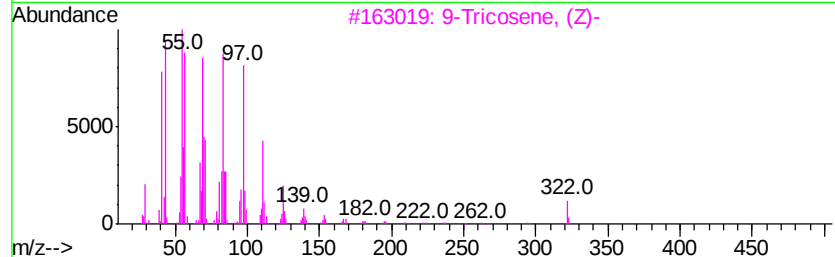
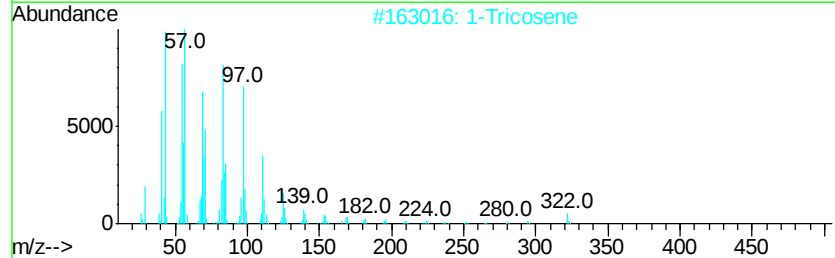
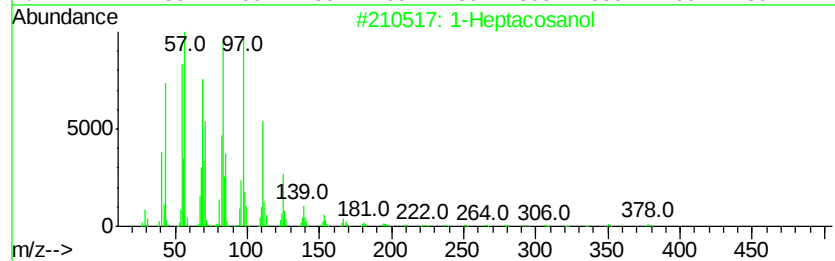
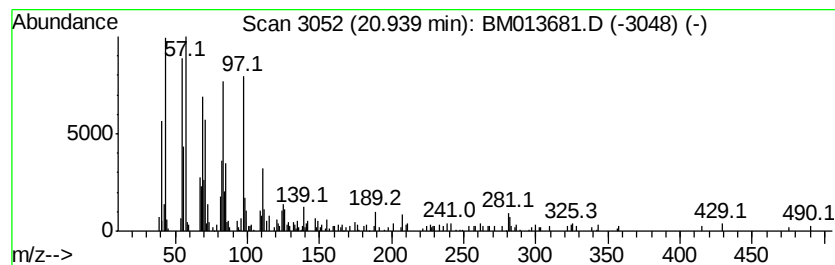
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1-Heptacosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	2.38 ng/ul	250350	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heptacosanol	396	C27H56O	002004-39-9	91
2		1-Tricosene	322	C23H46	018835-32-0	91
3		9-Tricosene, (Z)-	322	C23H46	027519-02-4	91
4		9-Tricosene, (Z)-	322	C23H46	027519-02-4	91
5		9-Tricosene, (Z)-	322	C23H46	027519-02-4	91



Data Path : U:\HPCHEM1\BNA_M\DATA\BM012018\
Data File : BM013681.D
Acq On : 20 Jan 2018 14:42
Operator : SJ/JU
Sample : J1097-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DAJQ3

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...	14.17	2.0	ng/ul	165070	3	14.26	1639270	20.0
(DEL) Alkane: Str...	15.13	2.3	ng/ul	188750	3	14.26	1639270	20.0
(DEL) Alkane: Str...	15.53	2.4	ng/ul	196349	3	14.26	1639270	20.0
(DEL) Alkane: Str...	15.99	2.7	ng/ul	252099	4	17.02	1877620	20.0
n-Hexadecanoic acid	17.92	2.0	ng/ul	188011	4	17.02	1877620	20.0
1-Heptacosanol	20.94	2.4	ng/ul	250350	5	21.22	2106280	20.0