

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\
 Data File : BM013904.D
 Acq On : 28 Jan 2018 03:05
 Operator : SJ/JU
 Sample : J1282-19
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B97

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	3.146	24	27	32	rVB3	32861	37094	1.34%	0.113%
2	6.769	637	643	655	rBV	514555	905126	32.65%	2.755%
3	6.928	664	670	678	rBV	418505	628043	22.65%	1.912%
4	7.116	695	702	710	rBV	588198	935656	33.75%	2.848%
5	7.581	775	781	788	rBV	562758	886119	31.96%	2.697%
6	8.292	896	902	913	rBV	651377	1108831	40.00%	3.375%
7	8.739	971	978	987	rBV	568001	944634	34.07%	2.876%
8	9.134	1040	1045	1050	rVB3	21195	32751	1.18%	0.100%
9	9.451	1093	1099	1110	rVB2	467684	818308	29.52%	2.491%
10	9.986	1183	1190	1201	rBV	679047	1205546	43.49%	3.670%
11	10.351	1245	1252	1261	rBV	701814	1178288	42.50%	3.587%
12	10.504	1272	1278	1292	rBV	576338	1073232	38.71%	3.267%
13	13.651	1807	1813	1818	rBV	1248153	1714929	61.86%	5.221%
14	13.704	1818	1822	1829	rVB	169220	253930	9.16%	0.773%
15	13.922	1851	1859	1867	rBV	1427426	2052797	74.05%	6.249%
16	14.139	1890	1896	1901	rBV2	40258	49547	1.79%	0.151%
17	14.233	1905	1912	1921	rVB2	969967	1475807	53.23%	4.493%
18	14.474	1947	1953	1963	rBV2	237804	532943	19.22%	1.622%
19	15.098	2052	2059	2062	rBV3	41319	57686	2.08%	0.176%
20	15.233	2075	2082	2092	rVB	1724850	2402753	86.67%	7.314%
21	15.374	2101	2106	2116	rBV	345358	555431	20.04%	1.691%
22	15.474	2120	2123	2127	rBV4	19753	36080	1.30%	0.110%
23	15.963	2201	2206	2212	rBV3	42213	66990	2.42%	0.204%
24	16.986	2374	2380	2390	rBV	1191932	1673761	60.38%	5.095%
25	17.086	2390	2397	2411	rVV	1744061	2469408	89.08%	7.517%
26	17.892	2529	2534	2542	rBV2	141173	222510	8.03%	0.677%
27	19.033	2723	2728	2731	rBV5	22920	37611	1.36%	0.114%
28	19.180	2748	2753	2760	rBV4	37866	76375	2.75%	0.232%
29	19.392	2783	2789	2795	rBV	1876367	2674754	96.48%	8.142%
30	19.445	2795	2798	2804	rVB8	16727	28497	1.03%	0.087%
31	20.909	3042	3047	3058	rBV2	226890	395249	14.26%	1.203%
32	21.186	3089	3094	3101	rBV	1310682	1804917	65.11%	5.494%
33	21.297	3111	3113	3119	rVB7	35758	42748	1.54%	0.130%
34	23.239	3436	3443	3455	rVB2	1470130	2772273	100.00%	8.439%

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35	23.374	3460	3466	3475	rVB	936610	1699193	61.29%	5.173%
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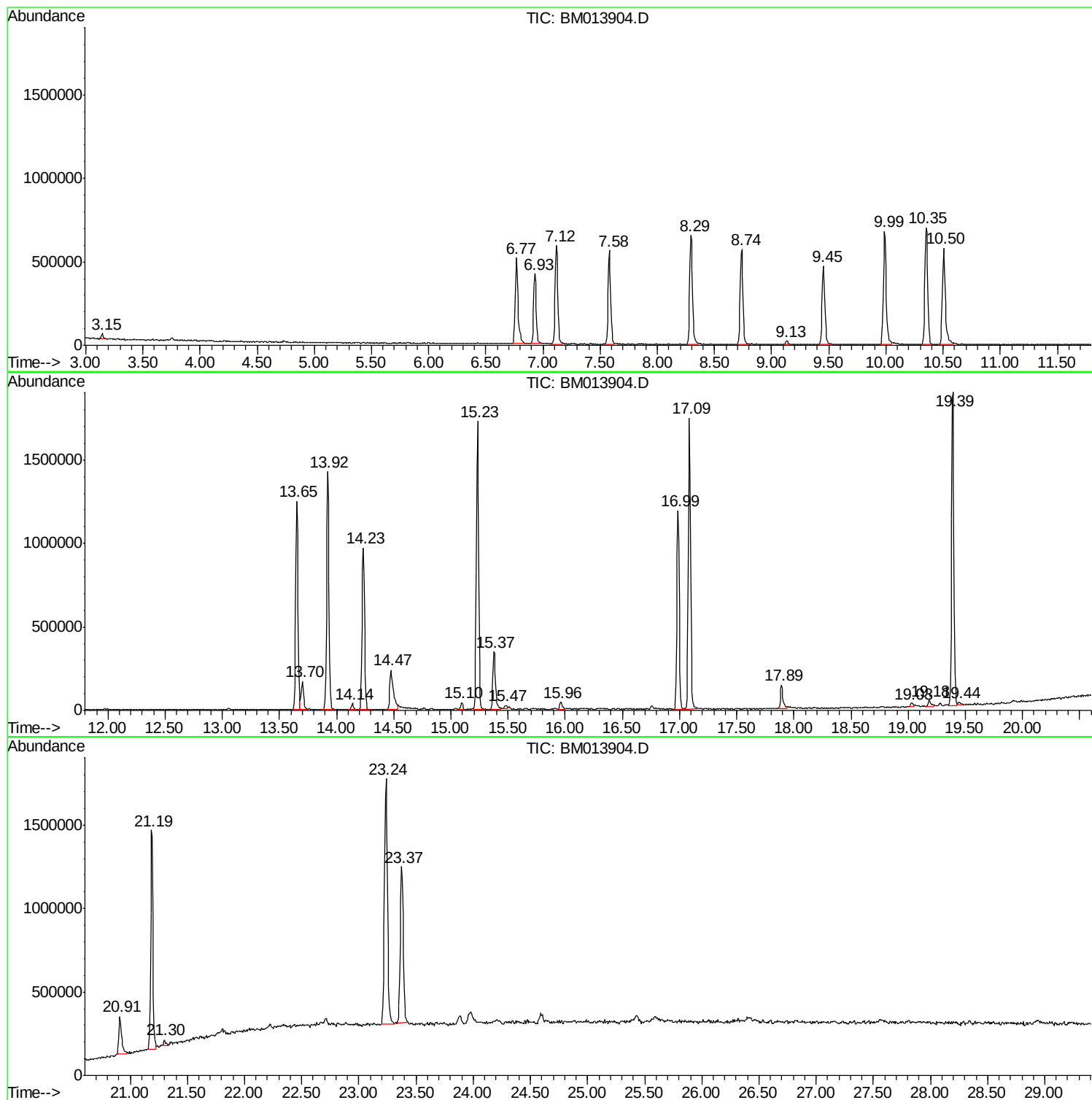
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



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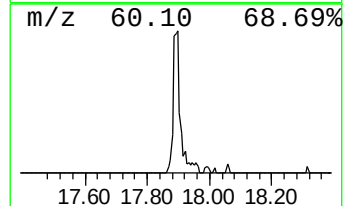
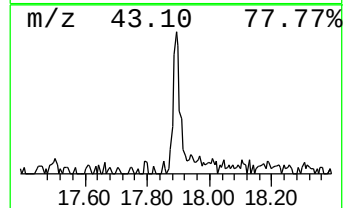
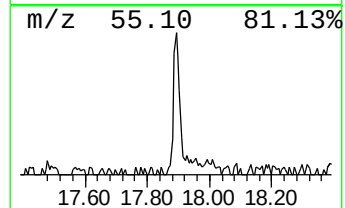
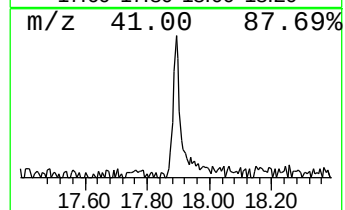
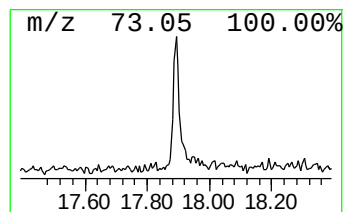
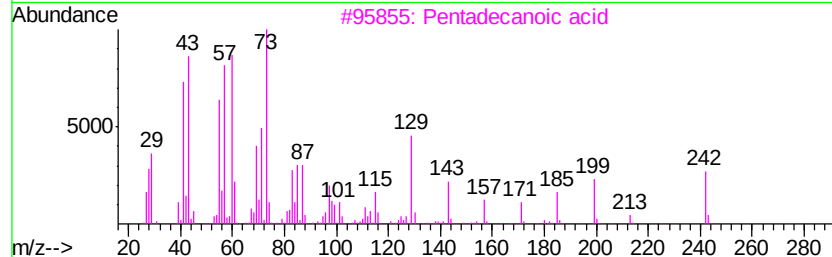
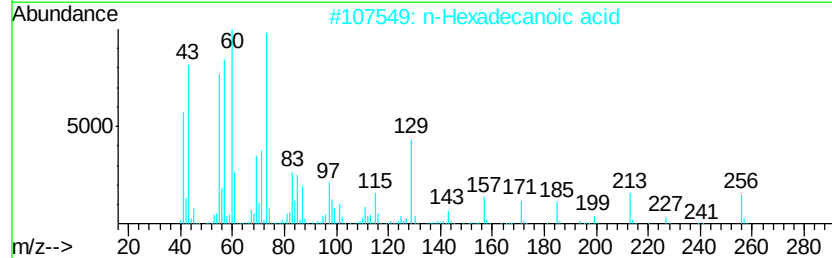
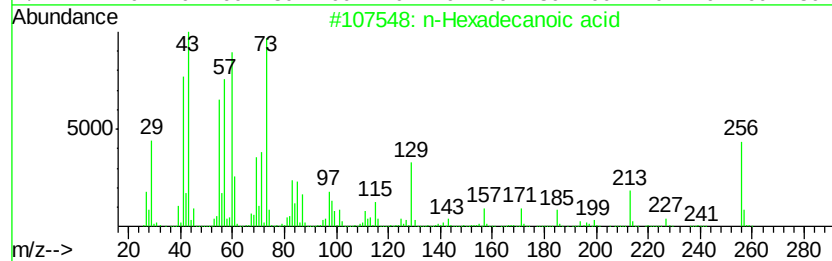
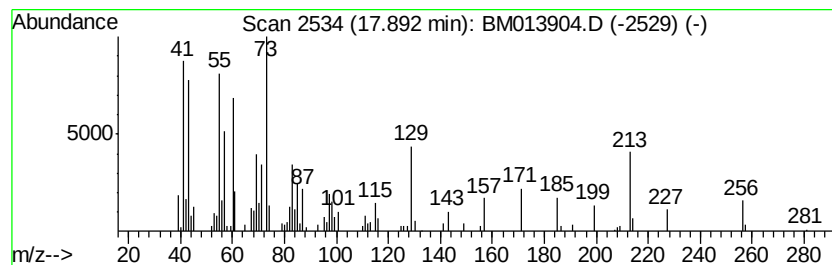
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.89	2.66 ng/ul	222510	Phenanthrene-d10		16.99
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	50



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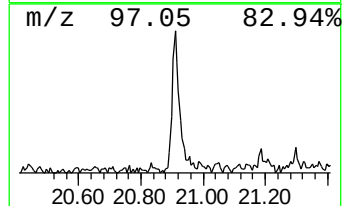
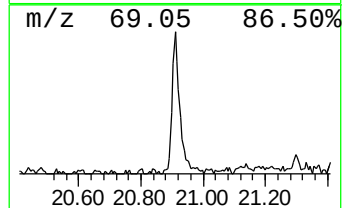
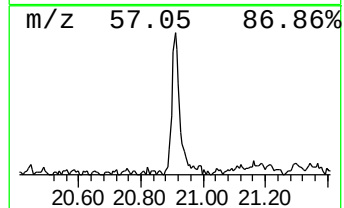
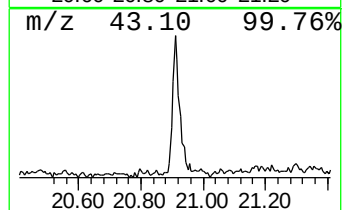
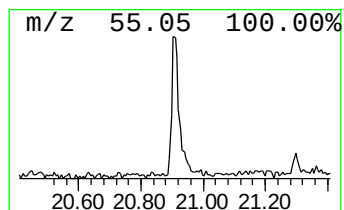
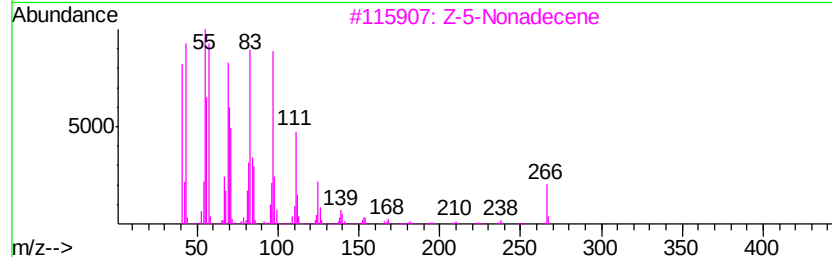
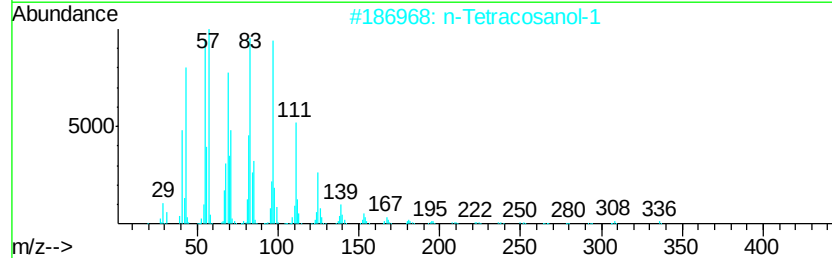
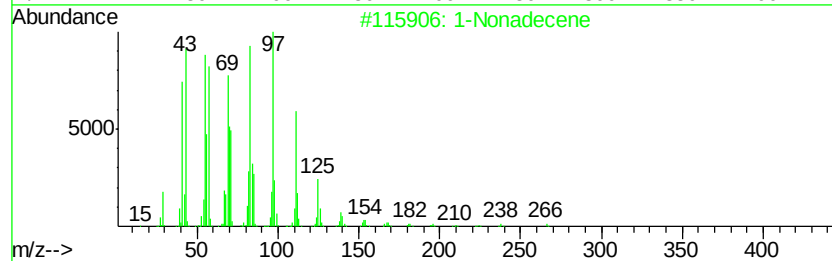
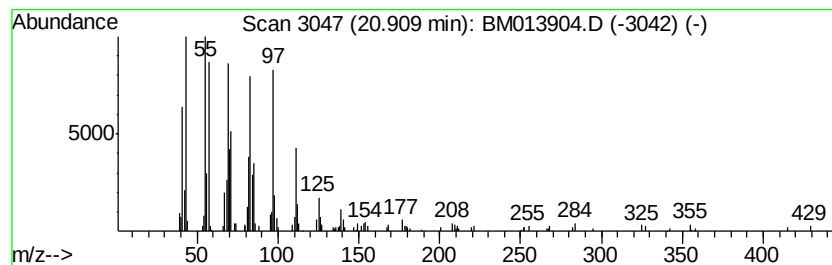
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Peak Number 2 (DEL) Alkane: Cyclic20.91 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	4.38 ng/ul	395249	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	96
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3		Z-5-Nonadecene	266	C19H38	1000131-11-8	91
4		Behenic alcohol	326	C22H46O	000661-19-8	91
5		1-Heptacosanol	396	C27H56O	002004-39-9	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.89	2.7	ng/ul	222510	4	16.99	1673760	20.0
(DEL) Alkane: Cyc...	20.91	4.4	ng/ul	395249	5	21.19	1804920	20.0