LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011618\
Data File : BM013627.D
Acq On : 16 Jan 2018 17:38
Operator : SJ/JU
Sample : J1080-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJN7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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	3.169	27	31	33	rBV3	30494	36183	1.12%	0.106%
2	6.304	559	564	570	rVB6	18317	34452	1.07%	0.101%
3	6.798	642	648	660	rBV2	518093	926804	28.78%	2.712%
4	6.963	670	676	687	rVB	383135	599796	18.62%	1.755%
5	7.151	701	708	720	rVB	540754	845086	26.24%	2.472%
6	7.616	781	787	797	rBV	548631	863294	26.81%	2.526%
7	8.328	901	908	918	rBV	650385	1052748	32.69%	3.080%
8	8.775	977	984	994	rBV	512725	851158	26.43%	2.490%
9	9.492	1097	1106	1114	rBV	405600	715118	22.20%	2.092%
10	10.022	1189	1196	1209	rBV	597163	1066791	33.12%	3.121%
11	10.392	1252	1259	1272	rBV	707831	1149193	35.68%	3.362%
12	10.539	1278	1284	1298	rBV	541719	976183	30.31%	2.856%
13	13.686	1812	1819	1824	rBV	1169667	1602679	49.76%	4.689%
14	13.733	1824	1827	1835	rVB	180459	248308	7.71%	0.726%
15	13.957	1858	1865	1877	rVB	1294759	1908225	59.25%	5.583%
16	14.174	1897	1902	1906	rBV2	48009	60056	1.86%	0.176%
17	14.268	1910	1918	1927	rBV2	973584	1494486	46.40%	4.372%
18	14.492	1950	1956	1971	rBV	383541	727674	22.59%	2.129%
19	15.133	2060	2065	2071	rVB	66508	81555	2.53%	0.239%
20	15.268	2079	2088	2097	rBV	1587686	2294704	71.25%	6.714%
21	15.404	2105	2111	2120	rBV	413198	618975	19.22%	1.811%
22	15.510	2123	2129	2132	rBV5	22971	40448	1.26%	0.118%
23	15.998	2206	2212	2214	rBV2	54652	70050	2.18%	0.205%
24	16.792	2342	2347	2351	rBV3	41651	52561	1.63%	0.154%
25	17.021	2380	2386	2394	rBV2	1285577	1790843	55.61%	5.239%
26	17.121	2396	2403	2415	rVB2	1725714	2485046	77.16%	7.270%
27	17.927	2534	2540	2551	rBV3	144717	261671	8.12%	0.766%
28	19.056	2729	2732	2736	rBV2	27872	37879	1.18%	0.111%
29	19.215	2755	2759	2764	rBV3	87422	125951	3.91%	0.368%
30	19.309	2769	2775	2780	rVB4	20198	42657	1.32%	0.125%
31	19.421	2788	2794	2802	rVB	2207712	2946130	91.48%	8.619%
32	20.362	2949	2954	2960	rBV	222415	269086	8.36%	0.787%
33	20.939	3048	3052	3060	rVB2	188745	257966	8.01%	0.755%
34	21.215	3094	3099	3109	rBV	1747438	2239292	69.53%	6.551%

LSC Area Percent Report

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Instrument : BNA_M
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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	22.750	3358	3360	3367	rVB6	75119	100022	3.11%	0.293%
36	23.280	3443	3450	3462	rVB	1754878	3220569	100.00%	9.422%
37	23.415	3467	3473	3482	rVB	1090514	2086716	64.79%	6.105%

Sum of corrected areas: 34180355

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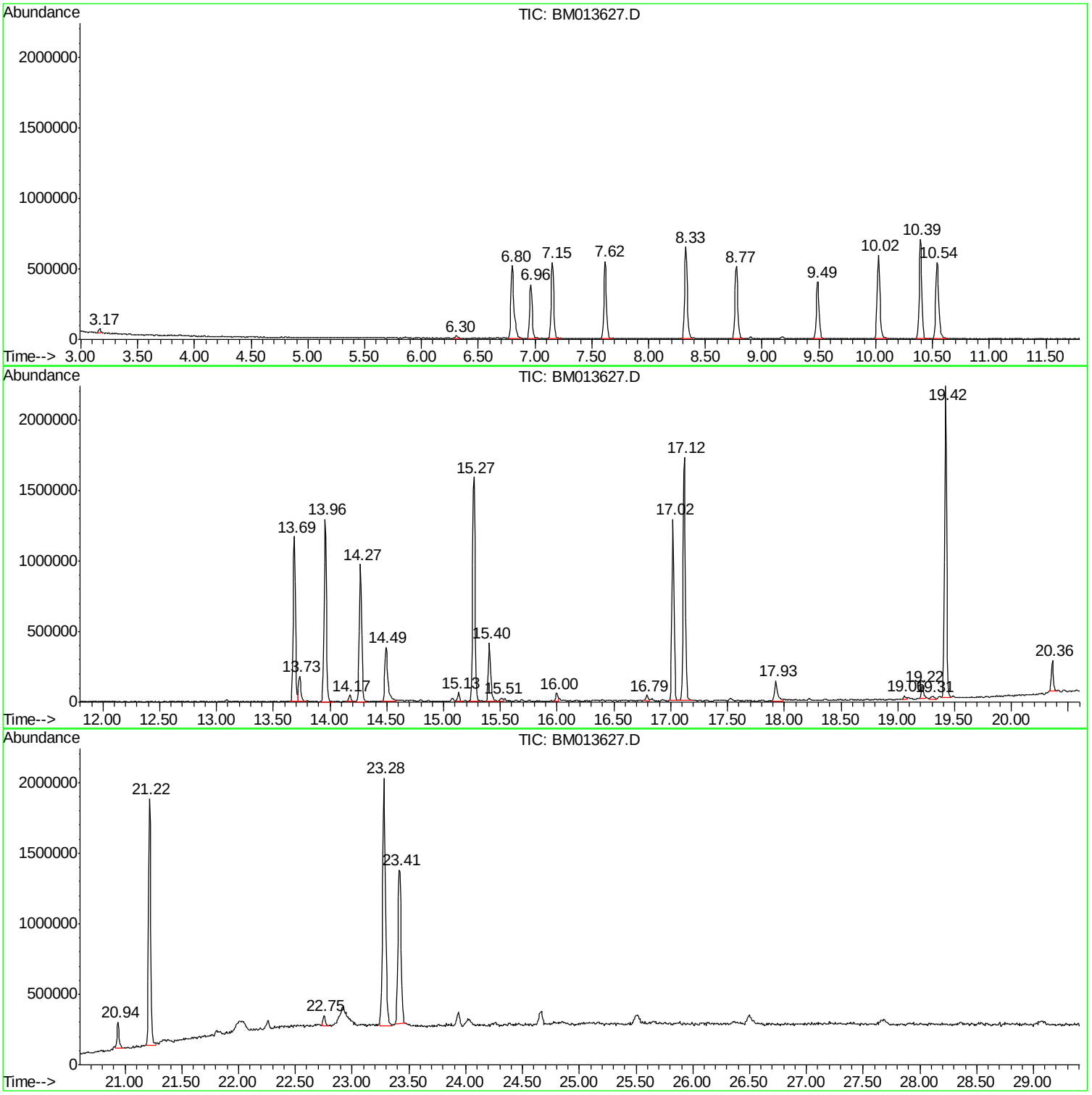
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



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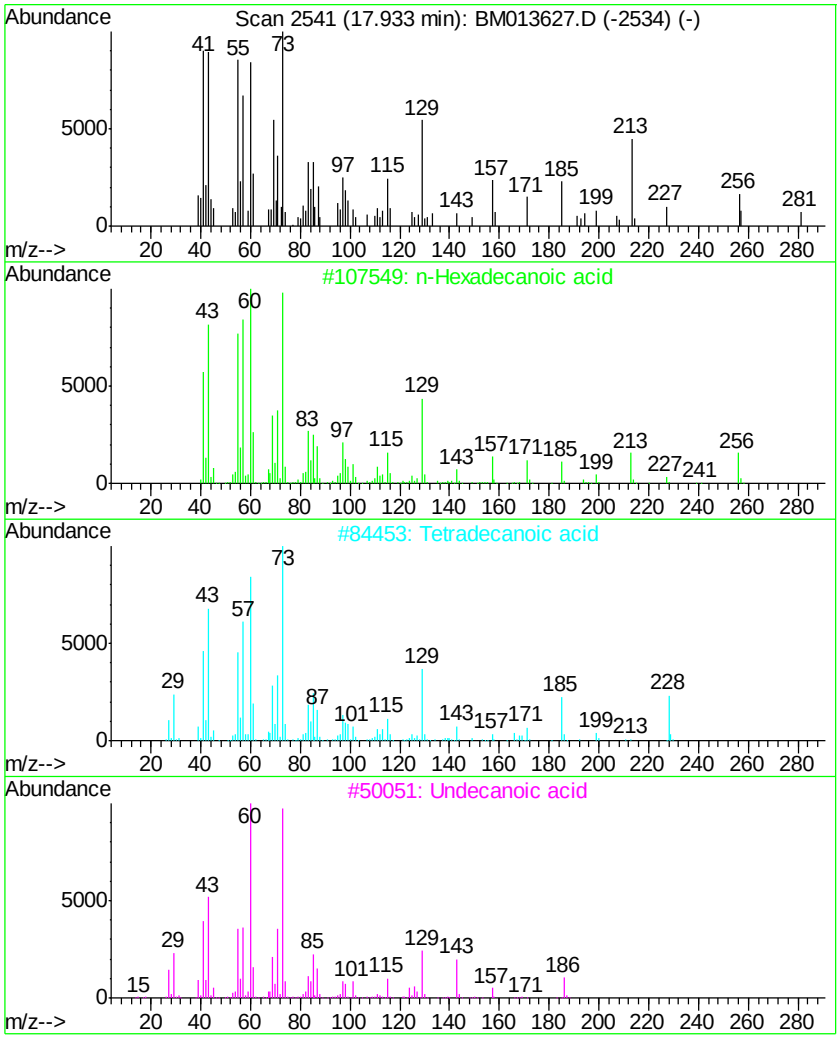
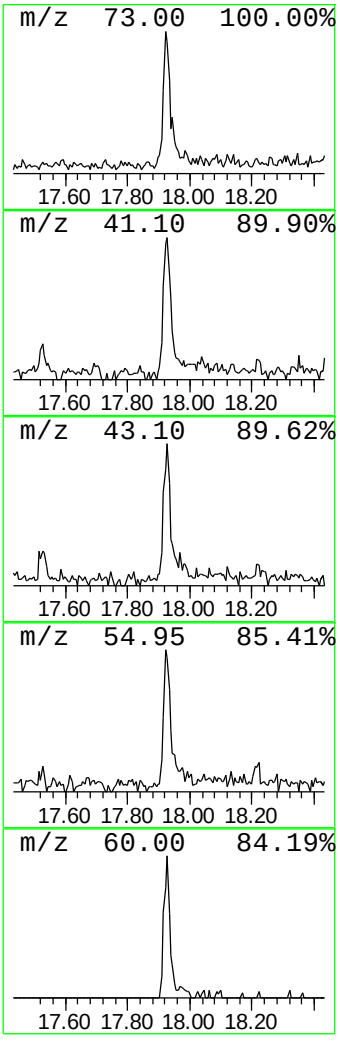
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	2.92 ng/ul	261671	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
3	Undecanoic acid	186	C11H22O2	000112-37-8	76
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70





Library Search Compound Report

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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJN7

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

TIC Library : C:\DATABASE\NIST11.L
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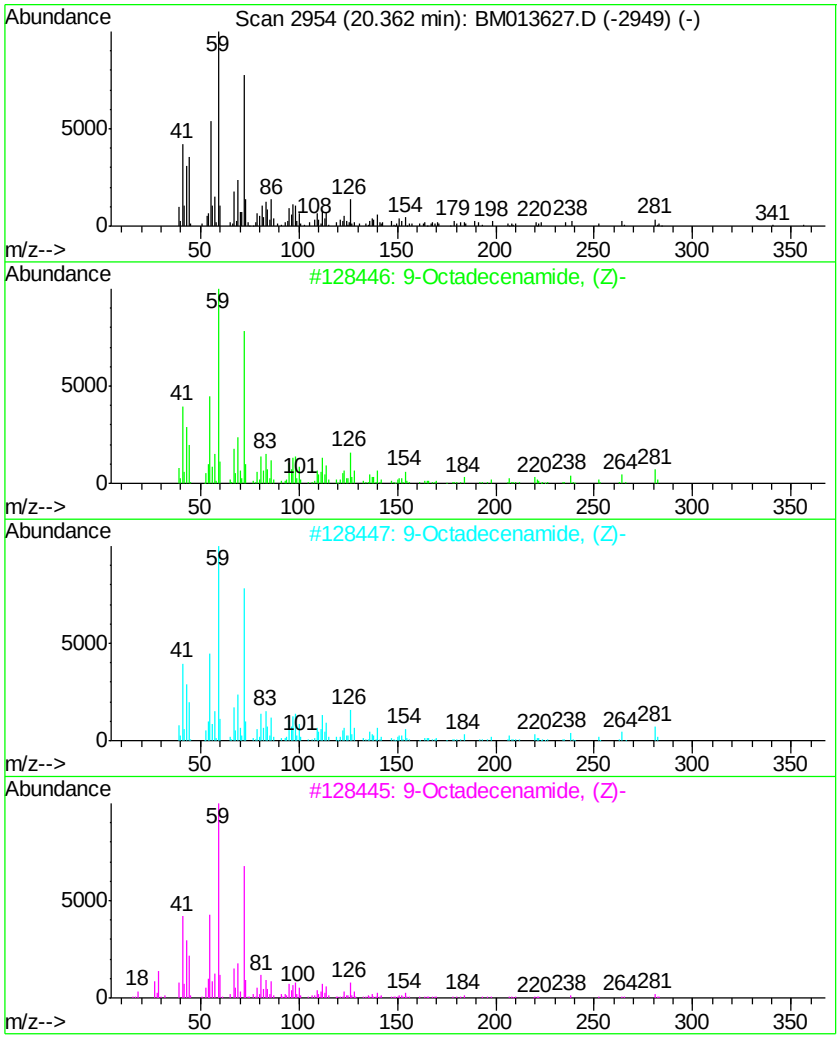
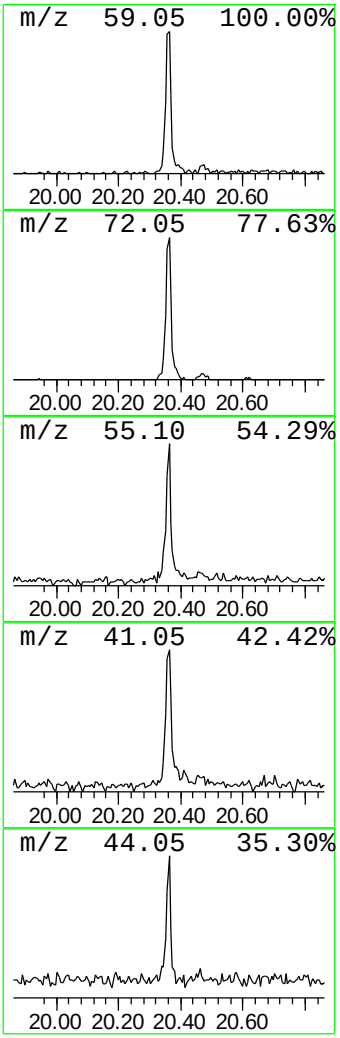
Peak Number 2 9-Octadecenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.36	2.40 ng/ul	269086	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	97
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	97
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	95
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
5	7-Nonenamide	155	C9H17NO	090949-53-4	50





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJN7

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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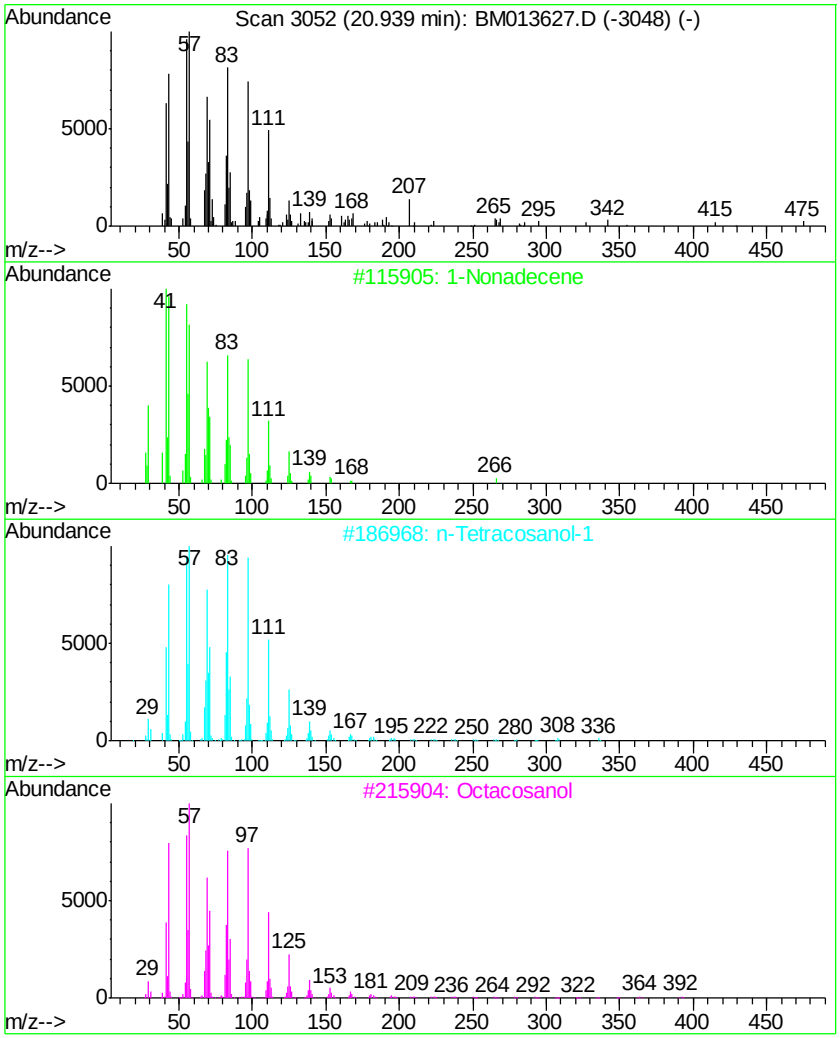
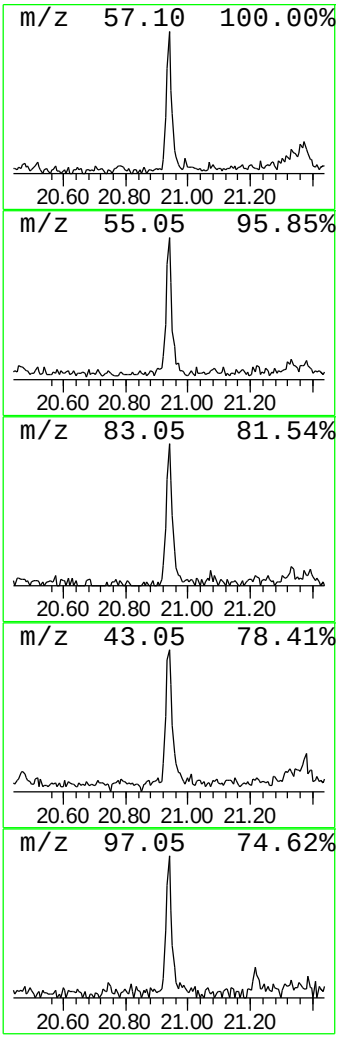
Peak Number 3 (DEL) Alkane: Cyclic20.94 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	2.30 ng/ul	257966	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	93
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3	Octacosanol	410	C28H58O	000557-61-9	91
4	1-Heptacosanol	396	C27H56O	002004-39-9	91
5	Cyclotetracosane	336	C24H48	000297-03-0	90





Tentatively Identified Compound (LSC) summary

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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	17.93	2.9	ng/ul	261671	4	17.02	1790840	20.0
9-Octadecenamide,...	20.36	2.4	ng/ul	269086	5	21.22	2239290	20.0
(DEL) Alkane: Cyc...	20.94	2.3	ng/ul	257966	5	21.22	2239290	20.0