LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112717\
Data File : BM013117.D
Acq On : 27 Nov 2017 19:02
Operator : SJ/JU
Sample : I6496-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC2

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-BM111617.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	6.898	641	648	663	rVB2	889609	1637720	25.21%	2.398%
2	7.051	667	674	680	rBV	694928	1032996	15.90%	1.513%
3	7.251	701	708	716	rVB	908864	1449911	22.32%	2.123%
4	7.710	778	786	792	rBV	829552	1337796	20.60%	1.959%
5	8.422	900	907	915	rBV	1189300	1875942	28.88%	2.747%
6	8.863	974	982	990	rBV	925913	1531542	23.58%	2.243%
7	9.575	1096	1103	1115	rVB	824092	1334026	20.54%	1.953%
8	10.122	1189	1196	1205	rBV	1160438	1976134	30.42%	2.894%
9	10.486	1249	1258	1266	rBV	1145239	1954956	30.10%	2.863%
10	10.633	1275	1283	1300	rVB	1035384	1823884	28.08%	2.671%
11	13.174	1710	1715	1721	rBV2	56169	80428	1.24%	0.118%
12	13.763	1809	1815	1820	rBV	2455819	3414924	52.58%	5.000%
13	13.810	1820	1823	1832	rVB	446478	594702	9.16%	0.871%
14	14.039	1852	1862	1869	rVB	2647234	3836945	59.07%	5.618%
15	14.257	1894	1899	1904	rBV	148974	187085	2.88%	0.274%
16	14.345	1908	1914	1925	rVV2	1769379	2774944	42.72%	4.063%
17	14.574	1945	1953	1966	rBV	1136640	1839282	28.32%	2.693%
18	15.210	2057	2061	2066	rVB	162136	196084	3.02%	0.287%
19	15.345	2076	2084	2093	rVB	3354020	4719062	72.66%	6.910%
20	15.462	2096	2104	2110	rBV	1031409	1428161	21.99%	2.091%
21	16.074	2204	2208	2215	rBV	150428	229455	3.53%	0.336%
22	16.862	2338	2342	2348	rBV3	92658	132949	2.05%	0.195%
23	17.092	2375	2381	2388	rBV	2447463	3494613	53.80%	5.117%
24	17.192	2391	2398	2405	rBV2	3862595	5408800	83.27%	7.920%
25	18.003	2530	2536	2545	rBV	848416	1158411	17.84%	1.696%
26	19.121	2723	2726	2731	rBV2	53180	89879	1.38%	0.132%
27	19.286	2749	2754	2764	rBV	681394	928922	14.30%	1.360%
28	19.486	2782	2788	2796	rBV2	4597970	6495144	100.00%	9.511%
29	21.003	3041	3046	3055	rBV	782519	1020969	15.72%	1.495%
30	21.280	3087	3093	3099	rBV	3360953	4256916	65.54%	6.233%
31	23.368	3440	3448	3454	rBV	3343839	6102059	93.95%	8.935%
32	23.503	3464	3471	3481	rVB	1972536	3723746	57.33%	5.453%
33	24.056	3562	3565	3571	rVB3	135962	225823	3.48%	0.331%

LSC Area Percent Report

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Start Thrs: 0.2 Max Peaks: 100
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Title : SVOA CALIBRATION

Sum of corrected areas: 68294210

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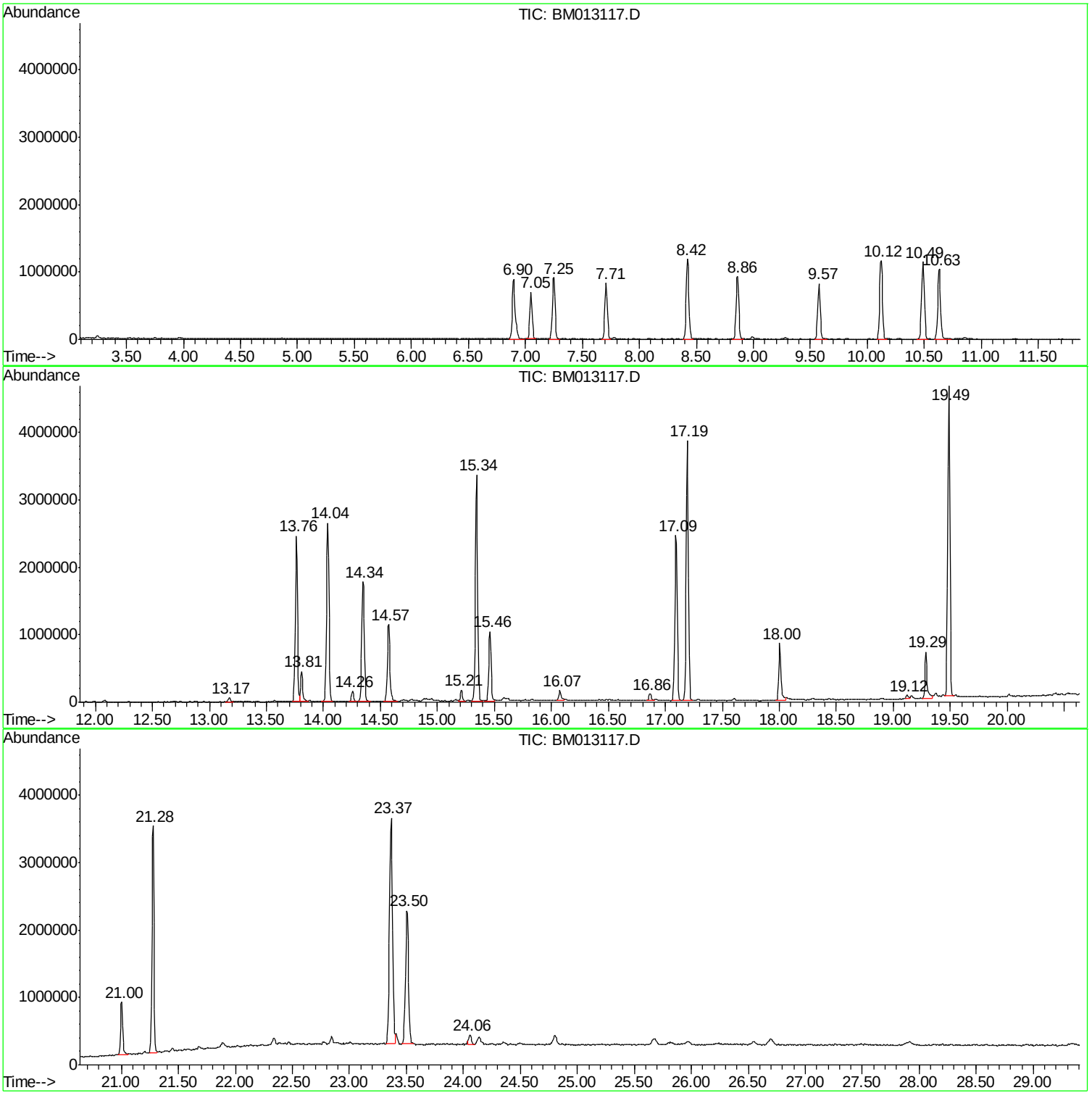
Instrument :
BNA_M
ClientSampleId :
C0AC2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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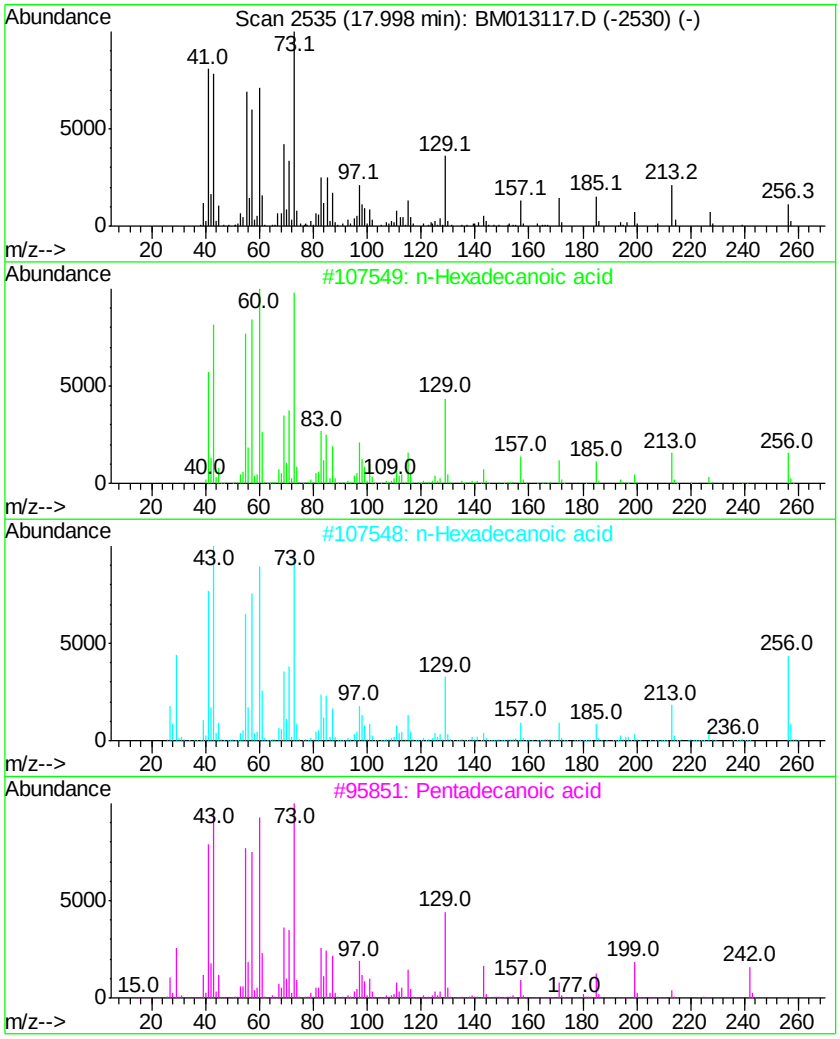
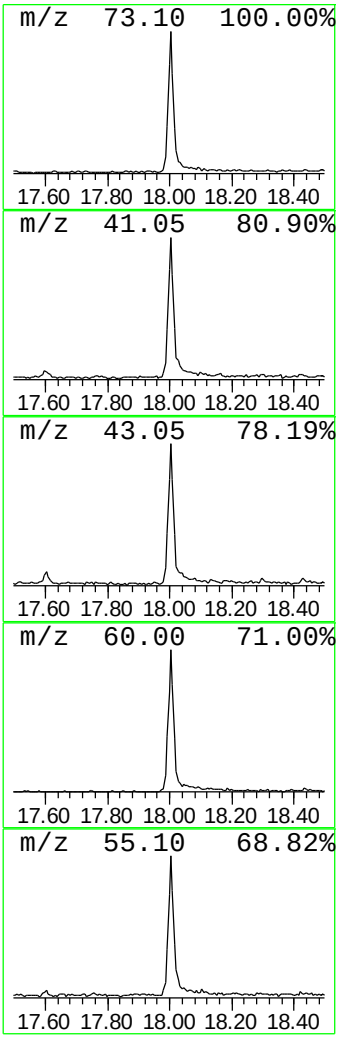
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	6.63 ng/ul	1158410	Phenanthrene-d10	17.09

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	98
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	83





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : C0AC2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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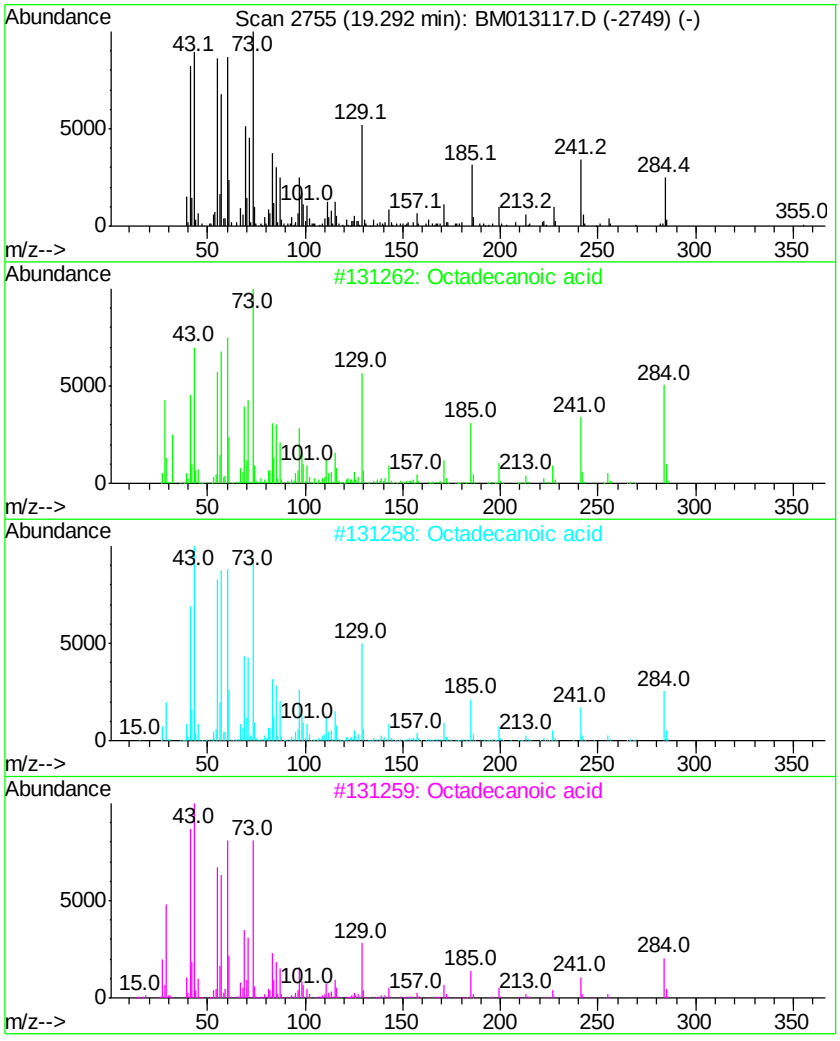
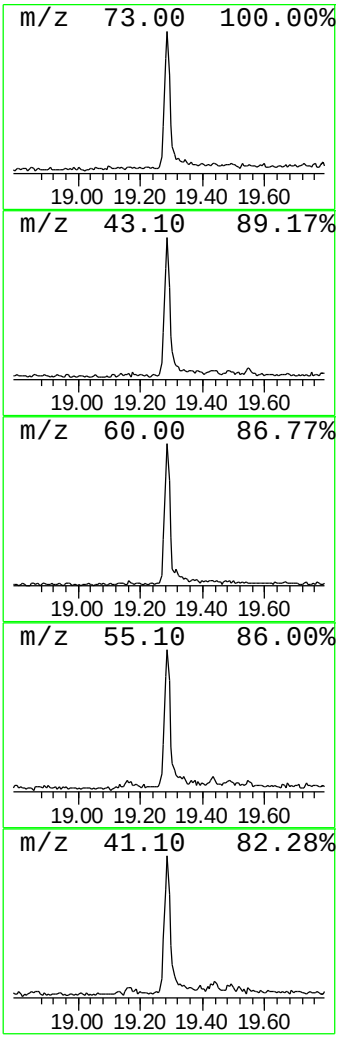
Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	4.36 ng/ul	928922	Chrysene-d12	21.28

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	96
5	Octadecanoic acid	284	C18H36O2	000057-11-4	94





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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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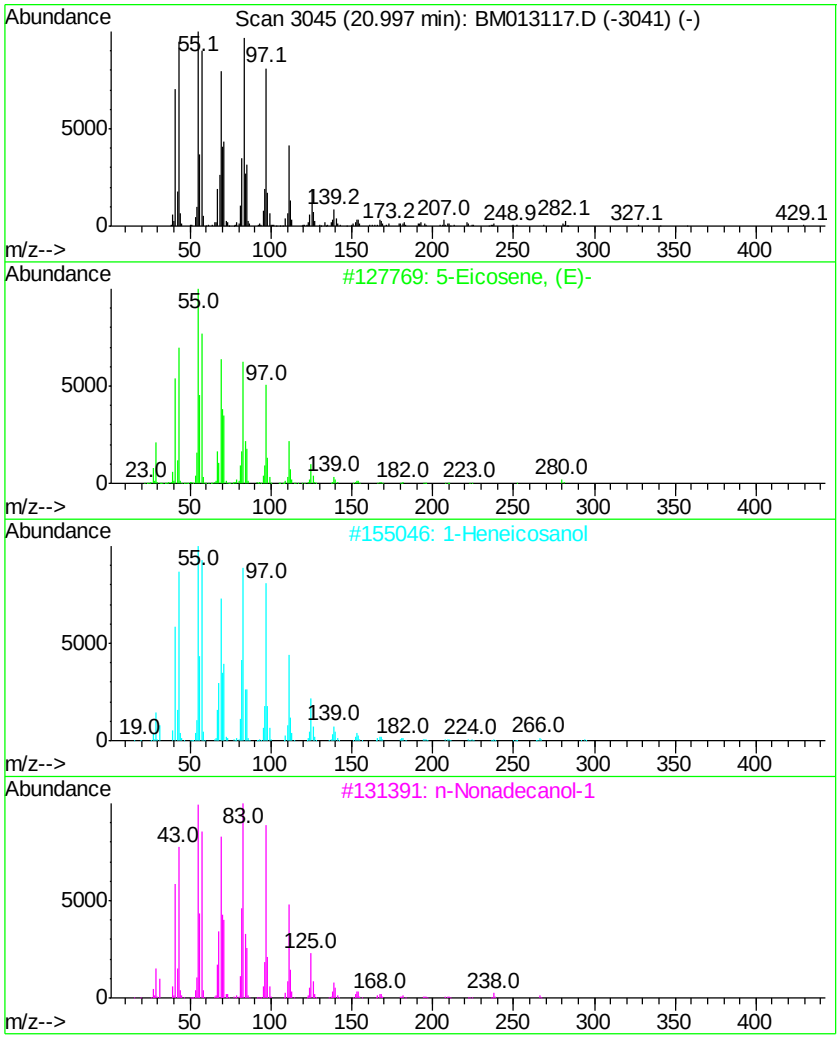
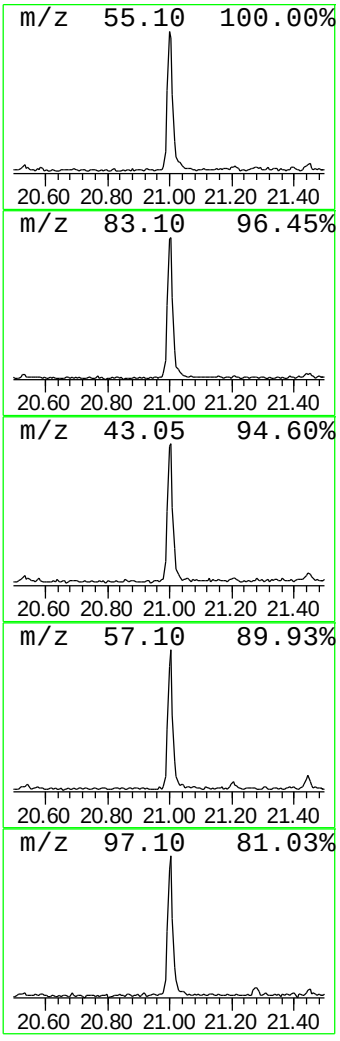
Peak Number 3 (DEL) Alkane: Cyclic21.00 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	4.80 ng/ul	1020970	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91





Tentatively Identified Compound (LSC) summary

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Sample : I6496-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.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	18.00	6.6	ng/ul	1158410	4	17.09	3494610	20.0
Octadecanoic acid	19.29	4.4	ng/ul	928922	5	21.28	4256920	20.0
(DEL) Alkane: Cyc...	21.00	4.8	ng/ul	1020970	5	21.28	4256920	20.0