LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120817\
Data File : BM013289.D
Acq On : 09 Dec 2017 03:33
Operator : SJ/JU
Sample : I6759-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A13

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-BM113017.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	6.869	635	643	655	rVB2	956130	1699926	20.65%	2.249%
2	7.034	664	671	678	rBV	700787	1067227	12.97%	1.412%
3	7.228	697	704	713	rBV	974336	1501614	18.24%	1.987%
4	7.693	775	783	791	rBV	604983	1005192	12.21%	1.330%
5	8.398	894	903	911	rBV	1302117	1998361	24.28%	2.644%
6	8.845	972	979	988	rBV	1000002	1619176	19.67%	2.142%
7	9.563	1093	1101	1109	rBV	854351	1430676	17.38%	1.893%
8	10.098	1184	1192	1200	rBV	1265893	2140247	26.00%	2.832%
9	10.469	1249	1255	1262	rBV	907722	1505193	18.29%	1.992%
10	10.610	1270	1279	1290	rBV	1144963	2000960	24.31%	2.648%
11	13.751	1806	1813	1817	rBV	2419387	3474467	42.21%	4.597%
12	13.792	1817	1820	1830	rVB	457248	632512	7.68%	0.837%
13	14.027	1850	1860	1871	rBV	2659003	4116061	50.01%	5.446%
14	14.239	1892	1896	1902	rVB2	63952	84703	1.03%	0.112%
15	14.333	1902	1912	1920	rBV2	1430027	2155954	26.19%	2.853%
16	14.545	1938	1948	1958	rBV	1194336	1825502	22.18%	2.415%
17	15.192	2054	2058	2065	rVB2	77521	103708	1.26%	0.137%
18	15.327	2075	2081	2089	rVB	3435872	4847029	58.89%	6.413%
19	15.457	2096	2103	2111	rBV	1100995	1552084	18.86%	2.054%
20	15.569	2117	2122	2131	rBV6	51343	114319	1.39%	0.151%
21	16.057	2200	2205	2214	rBV3	96033	155742	1.89%	0.206%
22	16.733	2314	2320	2329	rBV	802044	1169172	14.20%	1.547%
23	16.851	2336	2340	2345	rBV3	83232	107557	1.31%	0.142%
24	17.080	2373	2379	2384	rBV2	1976103	2770886	33.66%	3.666%
25	17.121	2384	2386	2390	rVV	75068	94730	1.15%	0.125%
26	17.180	2390	2396	2407	rVB2	3991761	5610531	68.16%	7.424%
27	17.486	2440	2448	2454	rBV3	41954	102194	1.24%	0.135%
28	17.698	2480	2484	2490	rVB6	69143	96282	1.17%	0.127%
29	17.986	2528	2533	2542	rBV	602549	822987	10.00%	1.089%
30	19.021	2704	2709	2714	rBV2	56216	93316	1.13%	0.123%
31	19.139	2721	2729	2737	rBV2	389838	657717	7.99%	0.870%
32	19.268	2747	2751	2761	rBV2	392490	580031	7.05%	0.767%
33	19.362	2765	2767	2774	rVB2	59138	86840	1.05%	0.115%
34	19.480	2780	2787	2801	rBV2	5087704	7647122	92.90%	10.118%

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Integrator: RTE
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Sampling : 1 Min Area: 1 % of largest Peak
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Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Title : SVOA CALIBRATION

35	19.586	2801	2805	2810	rVB6	61821	100977	1.23%	0.134%
36	19.751	2828	2833	2837	rVV	85653	125391	1.52%	0.166%
37	19.927	2858	2863	2866	rBV	248719	301121	3.66%	0.398%
38	20.162	2897	2903	2907	rBV3	83220	169527	2.06%	0.224%
39	20.304	2923	2927	2930	rBV2	77370	116124	1.41%	0.154%
40	20.462	2949	2954	2959	rVB	488565	635490	7.72%	0.841%
41	20.751	3000	3003	3008	rVB	107176	156367	1.90%	0.207%
42	20.956	3035	3038	3040	rBV3	70461	89863	1.09%	0.119%
43	20.992	3040	3044	3050	rVB	780887	926065	11.25%	1.225%
44	21.268	3085	3091	3096	rBV	3044867	4260651	51.76%	5.638%
45	21.303	3096	3097	3104	rVB	247720	249307	3.03%	0.330%
46	21.592	3142	3146	3150	rVB4	174849	236806	2.88%	0.313%
47	22.827	3352	3356	3361	rBV2	472236	917103	11.14%	1.213%
48	23.309	3433	3438	3440	rBV	198370	336684	4.09%	0.445%
49	23.362	3440	3447	3459	rVB2	4149346	8231283	100.00%	10.891%
50	23.497	3463	3470	3477	rBV	1977048	3633504	44.14%	4.808%
51	24.033	3558	3561	3569	rVB4	128782	220300	2.68%	0.291%

Sum of corrected areas: 75576581

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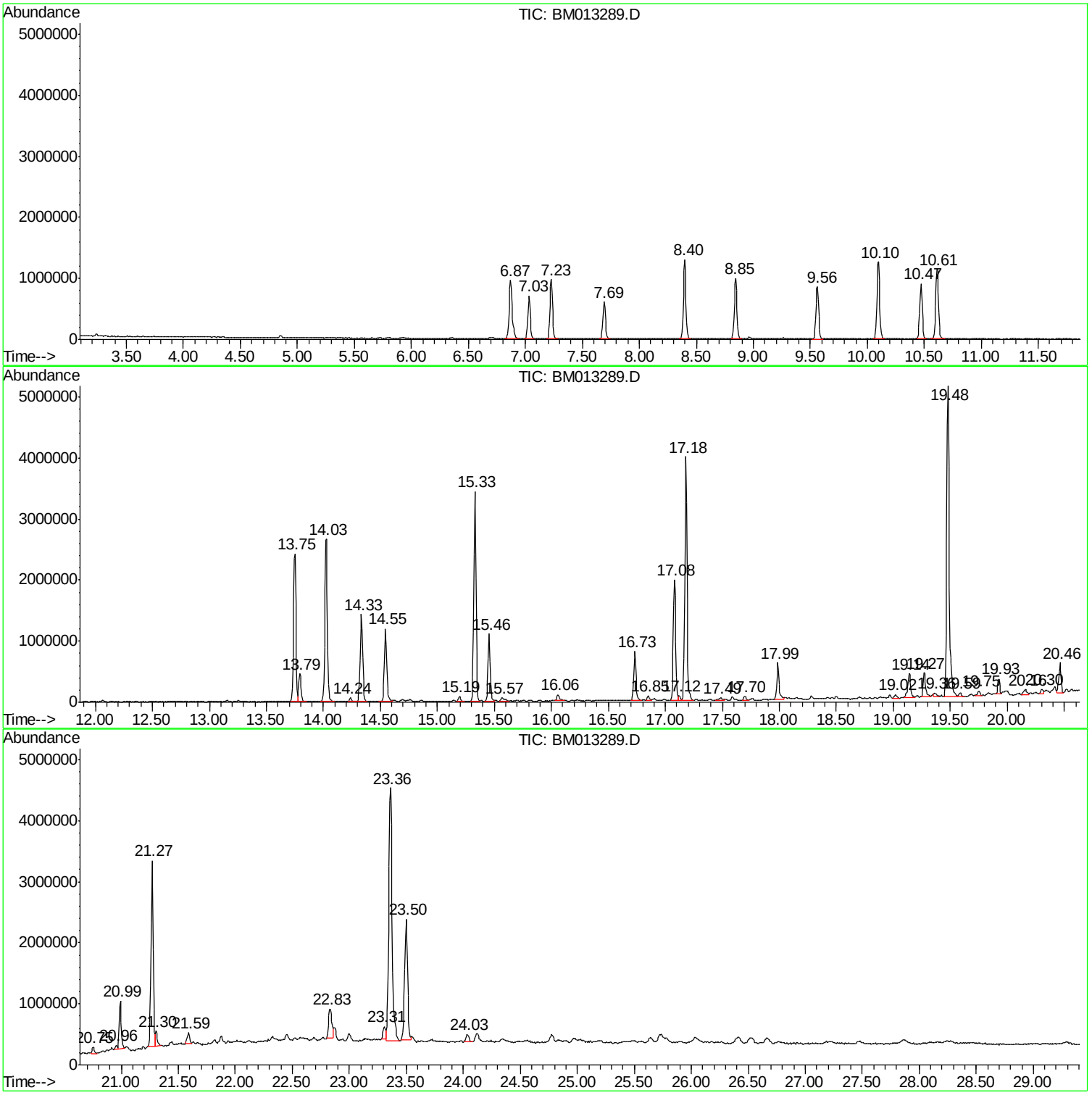
BNA_M
ClientSampleId :
F9A13

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120817\
Data File : BM013289.D
Acq On : 09 Dec 2017 03:33
Operator : SJ/JU
Sample : I6759-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A13

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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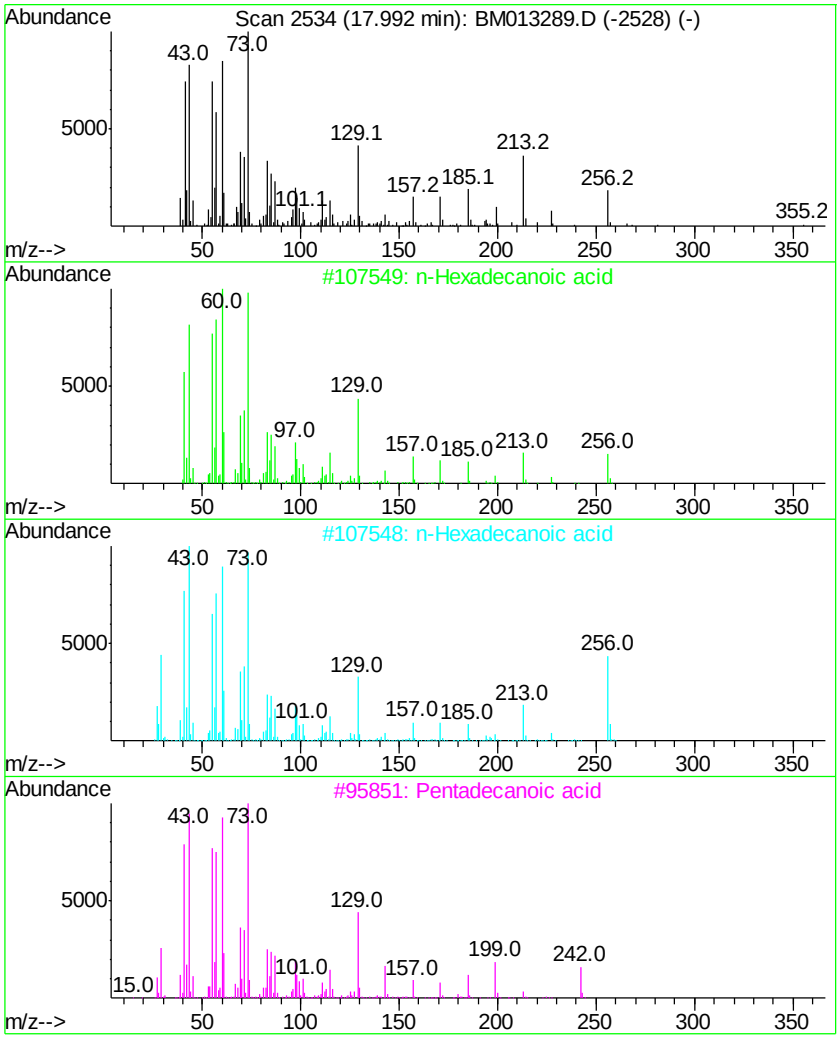
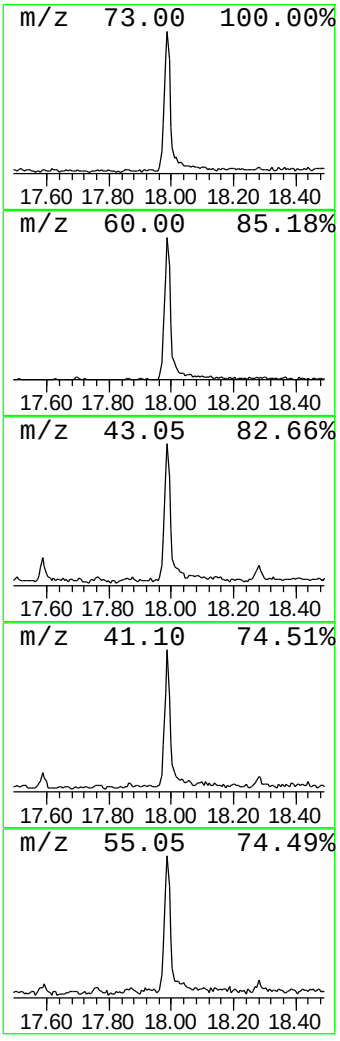
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	5.94 ng/ul	822987	Phenanthrene-d10	17.08

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	97
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83





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Instrument : BNA_M
ClientSampleId : F9A13

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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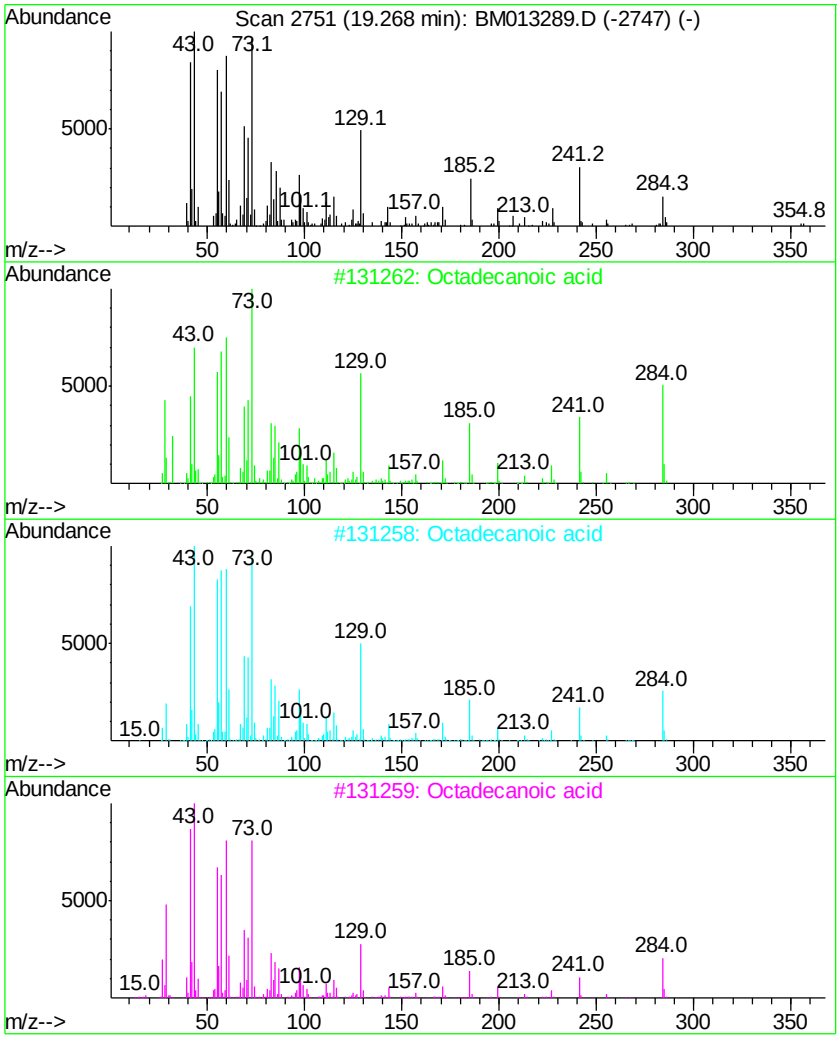
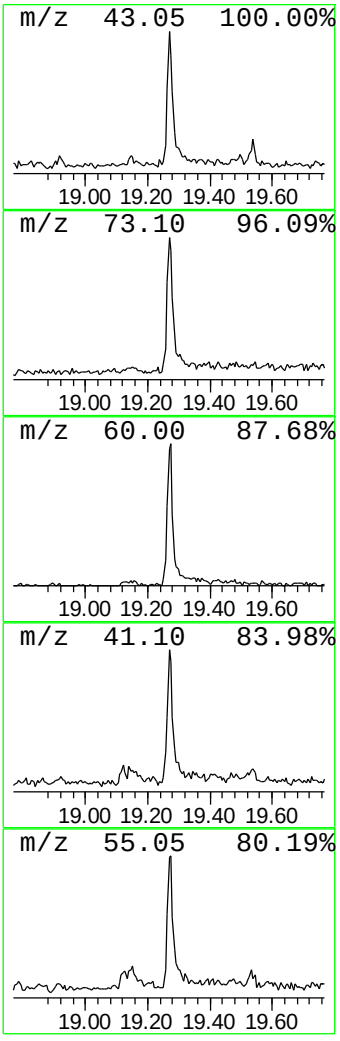
Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	2.72 ng/ul	580031	Chrysene-d12	21.27

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	95





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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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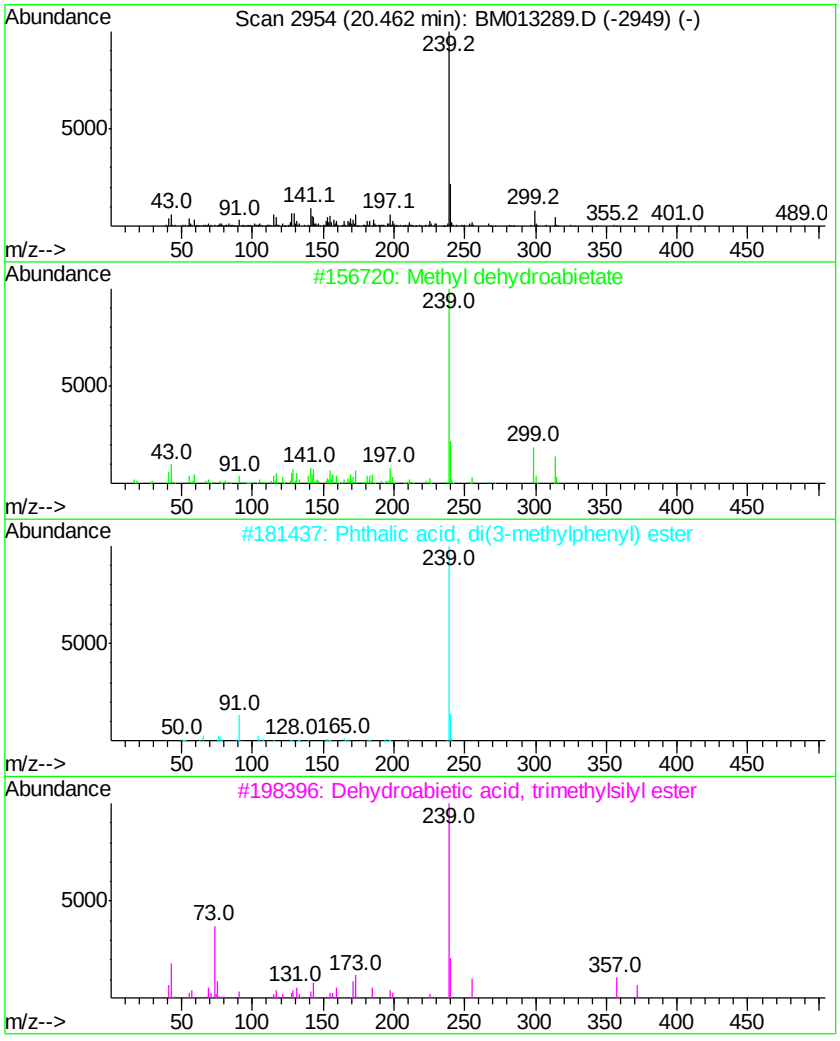
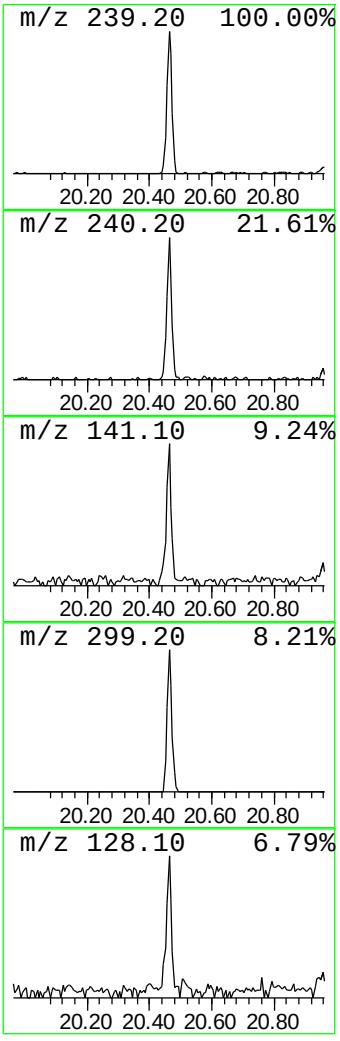
Peak Number 3 Methyl dehydroabietate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.46	2.98 ng/ul	635490	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl dehydroabietate	314	C21H30O2	001235-74-1	93
2	Phthalic acid, di(3-methylphenyl...	346	C22H18O4	1000315-37-3	50
3	Dehydroabietic acid, trimethylsi...	372	C23H36O2Si	021414-49-3	50
4	Methyl dehydroabietate	314	C21H30O2	001235-74-1	45
5	9,10-Anthracenedione, 1-amino-4-...	239	C14H9NO3	000116-85-8	45





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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A13

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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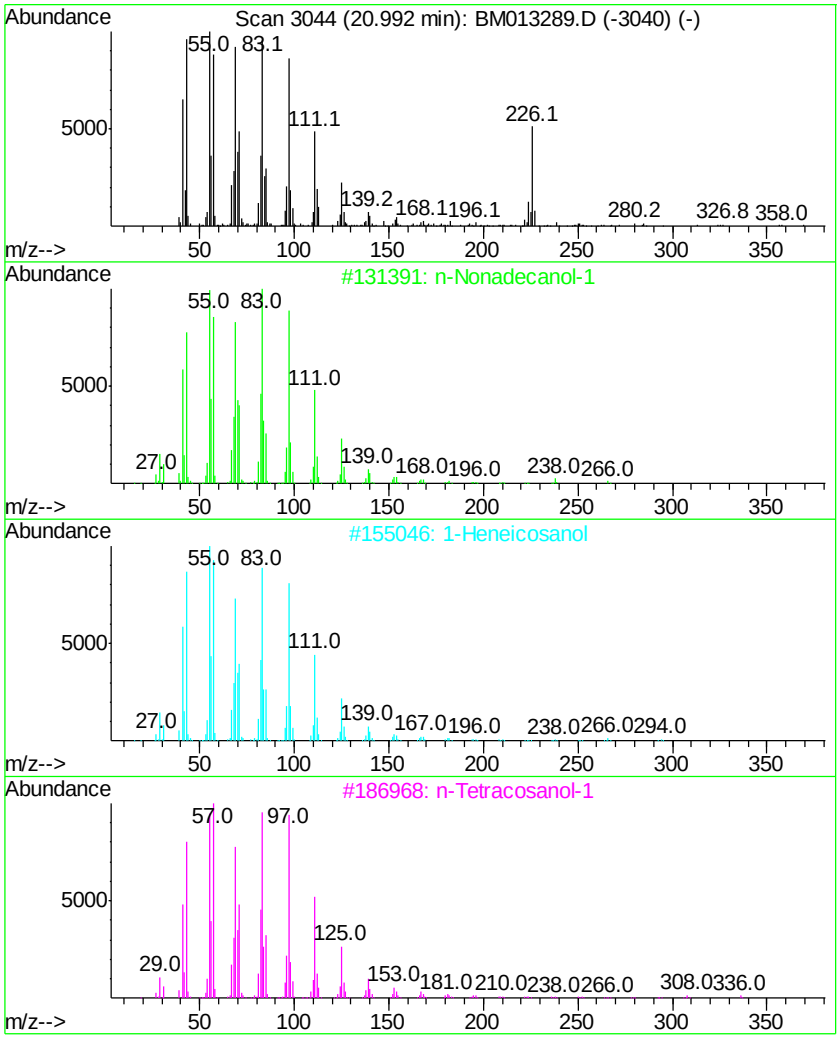
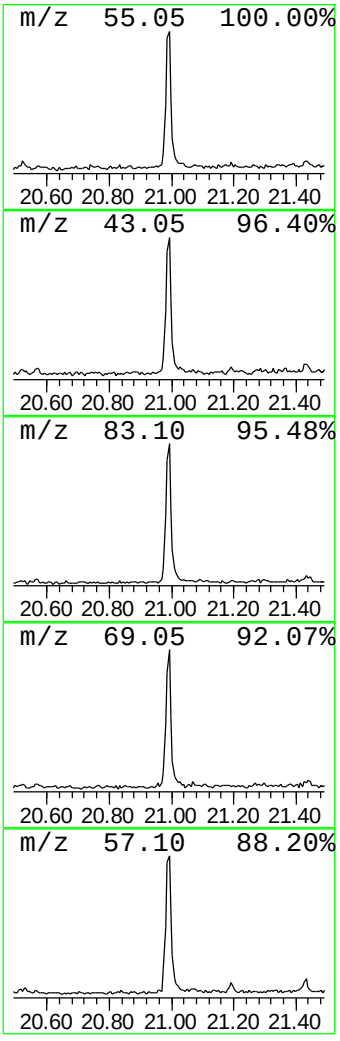
Peak Number 4 n-Nonadecanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	4.35 ng/ul	926065	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
2	1-Heneicosanol	312	C21H44O	015594-90-8	91
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	Cyclohexadecane	224	C16H32	000295-65-8	91





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	17.99	5.9	ng/ul	822987	4	17.08	2770890	20.0
Octadecanoic acid	19.27	2.7	ng/ul	580031	5	21.27	4260650	20.0
Methyl dehydroabi...	20.46	3.0	ng/ul	635490	5	21.27	4260650	20.0
n-Nonadecanol-1	20.99	4.3	ng/ul	926065	5	21.27	4260650	20.0