LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110118\
Data File : BM017468.D
Acq On : 01 Nov 2018 16:46
Operator : MJ/SJ
Sample : J5704-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40H5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.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	3.217	37	39	46	rVB	27158	36956	0.43%	0.036%
2	3.823	137	142	147	rBV2	18974	34360	0.40%	0.034%
3	4.823	303	312	321	rBV3	29476	56482	0.65%	0.056%
4	6.334	562	569	577	rBV	133521	204616	2.36%	0.201%
5	6.634	615	620	624	rBV2	19292	31384	0.36%	0.031%
6	6.822	644	652	665	rBV2	633259	1341540	15.44%	1.319%
7	6.987	674	680	690	rVB	527079	795550	9.16%	0.782%
8	7.081	690	696	701	rBV3	18929	34370	0.40%	0.034%
9	7.175	706	712	723	rVV	642032	1040978	11.98%	1.023%
10	7.640	784	791	799	rBV	750469	1190776	13.71%	1.171%
11	7.775	809	814	820	rVB	29236	41473	0.48%	0.041%
12	7.940	838	842	848	rVB6	19366	28925	0.33%	0.028%
13	8.346	905	911	923	rBV	655884	1124540	12.95%	1.105%
14	8.793	979	987	1002	rBV	657321	1101577	12.68%	1.083%
15	9.193	1048	1055	1061	rBV4	17637	30913	0.36%	0.030%
16	9.510	1102	1109	1118	rBV	528560	914620	10.53%	0.899%
17	10.040	1193	1199	1219	rVV	715153	1432605	16.49%	1.408%
18	10.187	1220	1224	1231	rVB	50542	86563	1.00%	0.085%
19	10.410	1255	1262	1271	rBV	1145046	1930225	22.22%	1.897%
20	10.563	1281	1288	1308	rBV	522877	1115452	12.84%	1.097%
21	12.010	1529	1534	1542	rVB2	14879	28416	0.33%	0.028%
22	13.234	1736	1742	1751	rVB8	12949	28006	0.32%	0.028%
23	13.598	1798	1804	1811	rVB	400081	578868	6.66%	0.569%
24	13.704	1815	1822	1826	rBV	1538990	2361757	27.19%	2.322%
25	13.745	1826	1829	1840	rVB	549812	852529	9.82%	0.838%
26	13.975	1856	1868	1885	rBV	1822873	3016931	34.73%	2.966%
27	14.110	1886	1891	1897	rVB4	90710	150281	1.73%	0.148%
28	14.240	1908	1913	1916	rBV	416854	625045	7.20%	0.614%
29	14.281	1916	1920	1934	rVV2	1723264	2999043	34.53%	2.948%
30	14.381	1934	1937	1944	rVB8	27256	49518	0.57%	0.049%
31	14.516	1953	1960	1980	rBV2	344125	1068338	12.30%	1.050%
32	14.969	2032	2037	2042	rVB5	22405	32587	0.38%	0.032%
33	15.175	2065	2072	2080	rVB6	41528	72732	0.84%	0.071%
34	15.281	2083	2090	2107	rVV	2584226	3884694	44.72%	3.819%

LSC Area Percent Report

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Operator : MJ/SJ
Sample : J5704-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40H5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Title : SVOA CALIBRATION

35	15.410	2107	2112	2125	rVV	682044	1059805	12.20%	1.042%
36	15.545	2127	2135	2137	rVV4	65691	142428	1.64%	0.140%
37	15.575	2137	2140	2147	rVB	133437	180239	2.08%	0.177%
38	15.698	2158	2161	2164	rVV5	23202	35559	0.41%	0.035%
39	15.739	2164	2168	2175	rVB5	43875	87496	1.01%	0.086%
40	15.887	2183	2193	2196	rBV	86740	140968	1.62%	0.139%
41	15.928	2196	2200	2205	rVV2	174088	231667	2.67%	0.228%
42	15.992	2206	2211	2218	rVB8	13641	31034	0.36%	0.031%
43	16.275	2255	2259	2261	rVV2	38622	50023	0.58%	0.049%
44	16.304	2261	2264	2269	rVB2	31268	42422	0.49%	0.042%
45	16.451	2286	2289	2294	rVV6	24305	32120	0.37%	0.032%
46	16.586	2306	2312	2317	rBV2	42494	75902	0.87%	0.075%
47	16.863	2356	2359	2364	rVB4	26792	39438	0.45%	0.039%
48	16.916	2364	2368	2371	rBV3	55400	86285	0.99%	0.085%
49	16.945	2371	2373	2380	rVB5	80195	117778	1.36%	0.116%
50	17.033	2380	2388	2399	rBV2	2435912	3755076	43.23%	3.691%
51	17.133	2399	2405	2414	rVV	2900848	4110858	47.33%	4.041%
52	17.216	2414	2419	2424	rVB2	86702	141832	1.63%	0.139%
53	17.333	2435	2439	2443	rVB4	18555	27491	0.32%	0.027%
54	17.639	2485	2491	2496	rBV2	172386	322904	3.72%	0.317%
55	17.769	2507	2513	2517	rVB3	44782	70537	0.81%	0.069%
56	17.822	2517	2522	2528	rBV3	116982	219098	2.52%	0.215%
57	17.886	2528	2533	2538	rBV	834926	1097368	12.63%	1.079%
58	17.945	2538	2543	2553	rVB	1541753	1956763	22.53%	1.924%
59	18.110	2567	2571	2577	rVB2	83998	113258	1.30%	0.111%
60	18.169	2578	2581	2585	rVV4	56610	66505	0.77%	0.065%
61	18.210	2585	2588	2591	rVV2	42981	55468	0.64%	0.055%
62	18.245	2591	2594	2598	rVB3	32982	43860	0.50%	0.043%
63	18.398	2613	2620	2623	rBV5	63666	108688	1.25%	0.107%
64	18.504	2633	2638	2641	rBV5	31390	47585	0.55%	0.047%
65	18.539	2641	2644	2647	rVV5	30662	44920	0.52%	0.044%
66	18.575	2647	2650	2654	rVV3	51213	67518	0.78%	0.066%
67	18.880	2697	2702	2708	rBV5	52350	113205	1.30%	0.111%
68	18.933	2708	2711	2713	rVV2	31262	38664	0.45%	0.038%
69	18.969	2713	2717	2726	rVB2	169160	269066	3.10%	0.265%
70	19.086	2731	2737	2738	rVV4	166552	251206	2.89%	0.247%
71	19.110	2738	2741	2743	rVV2	297381	445240	5.13%	0.438%

LSC Area Percent Report

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Operator : MJ/SJ
Sample : J5704-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40H5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Title : SVOA CALIBRATION

72	19.133	2743	2745	2753	rVV2	286840	419683	4.83%	0.413%
73	19.233	2757	2762	2771	rVV	504252	766574	8.83%	0.754%
74	19.327	2775	2778	2783	rVB2	44780	69924	0.81%	0.069%
75	19.433	2790	2796	2805	rBV	3589432	5240840	60.34%	5.152%
76	19.674	2835	2837	2844	rVB2	43202	61481	0.71%	0.060%
77	19.922	2875	2879	2883	rBV4	112044	151724	1.75%	0.149%
78	19.963	2883	2886	2889	rVV3	63473	76588	0.88%	0.075%
79	20.051	2899	2901	2907	rVB7	25541	39753	0.46%	0.039%
80	20.263	2933	2937	2940	rBV4	90781	116071	1.34%	0.114%
81	20.316	2943	2946	2952	rBV2	200003	268035	3.09%	0.263%
82	20.439	2962	2967	2974	rBV	652241	977103	11.25%	0.961%
83	20.951	3050	3054	3064	rBV	747488	991098	11.41%	0.974%
84	21.157	3085	3089	3095	rBV	3938963	4351897	50.10%	4.278%
85	21.233	3097	3102	3116	rVV	3682827	5292325	60.93%	5.203%
86	21.398	3126	3130	3139	rVB2	154667	220577	2.54%	0.217%
87	21.839	3199	3205	3215	rVB2	512681	1012596	11.66%	0.995%
88	22.280	3276	3280	3291	rVB	349292	534218	6.15%	0.525%
89	22.404	3297	3301	3306	rVB	634353	799678	9.21%	0.786%
90	22.504	3314	3318	3323	rBV	757095	980156	11.28%	0.964%
91	22.780	3360	3365	3368	rBV	1392779	2050082	23.60%	2.015%
92	22.821	3368	3372	3384	rVB	2766220	4369576	50.31%	4.295%
93	23.298	3447	3453	3466	rBV	2643897	5908372	68.02%	5.808%
94	23.439	3471	3477	3492	rVB	2381510	4590009	52.84%	4.512%
95	23.639	3507	3511	3520	rVB2	394935	670331	7.72%	0.659%
96	23.962	3559	3566	3574	rBV	4621809	8685938	100.00%	8.539%
97	24.045	3574	3580	3593	rVB	1395284	2808383	32.33%	2.761%
98	24.692	3684	3690	3697	rVB	516423	1123878	12.94%	1.105%
99	25.533	3828	3833	3849	rVB2	553778	1975089	22.74%	1.942%
100	26.398	3973	3980	3995	rVB4	1037280	3130769	36.04%	3.078%

Sum of corrected areas: 101725672

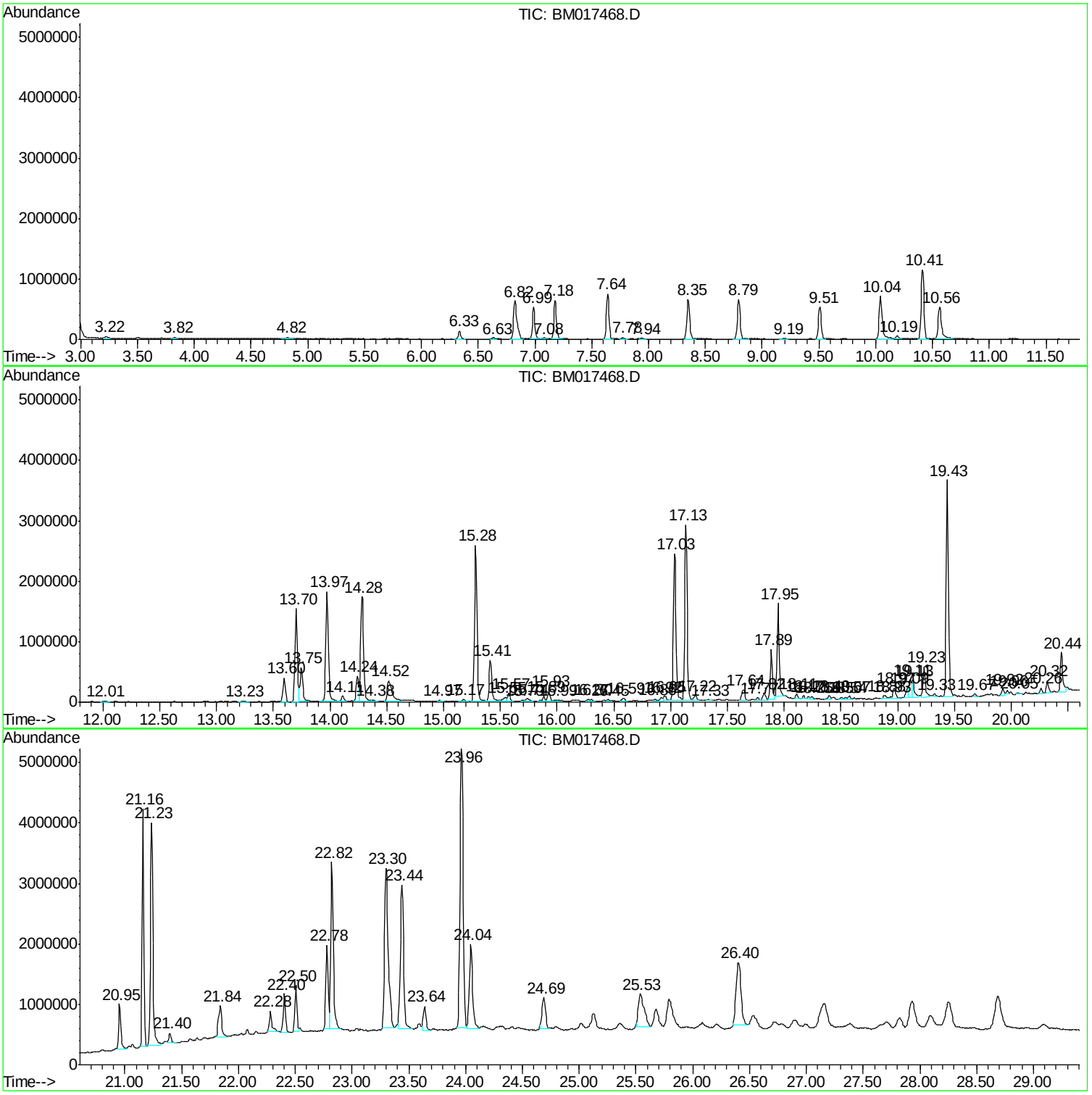
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110118\
Data File : BM017468.D
Acq On : 01 Nov 2018 16:46
Operator : MJ/SJ
Sample : J5704-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40H5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110118\
Data File : BM017468.D
Acq On : 01 Nov 2018 16:46
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Misc :
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

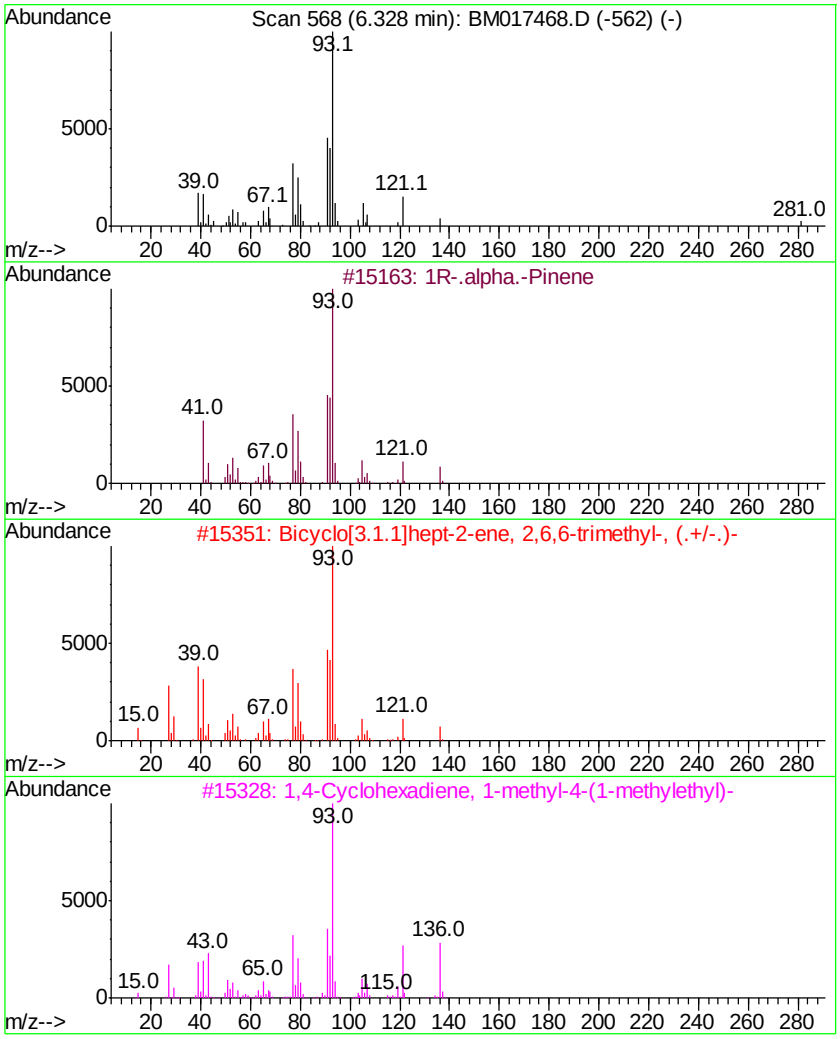
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

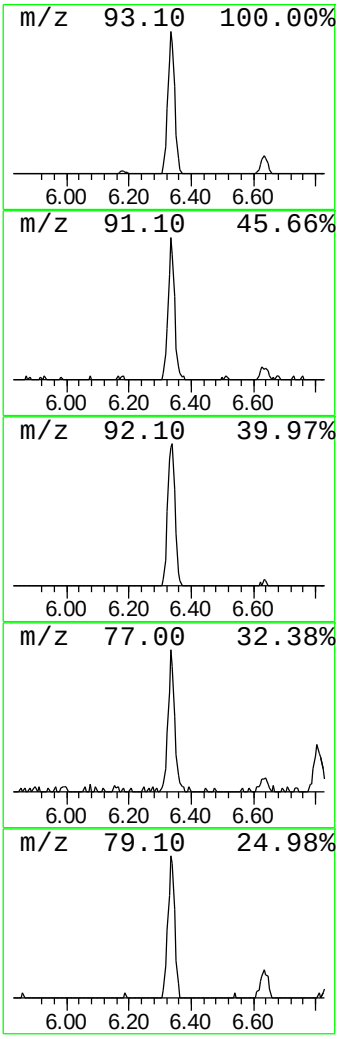
****

Peak Number 1 1R-.alpha.-Pinene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	3.44 ng/ul	204616	1,4-Dichlorobenzene-d4	7.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1R-.alpha.-Pinene	136	C10H16	007785-70-8	95
2	Bicyclo[3.1.1]hept-2-ene, 2,6,6-...	136	C10H16	002437-95-8	95
3	1,4-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-85-4	91
4	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003779-61-1	91
5	.alpha.-Pinene	136	C10H16	000080-56-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110118\
Data File : BM017468.D
Acq On : 01 Nov 2018 16:46
Operator : MJ/SJ
Sample : J5704-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40H5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

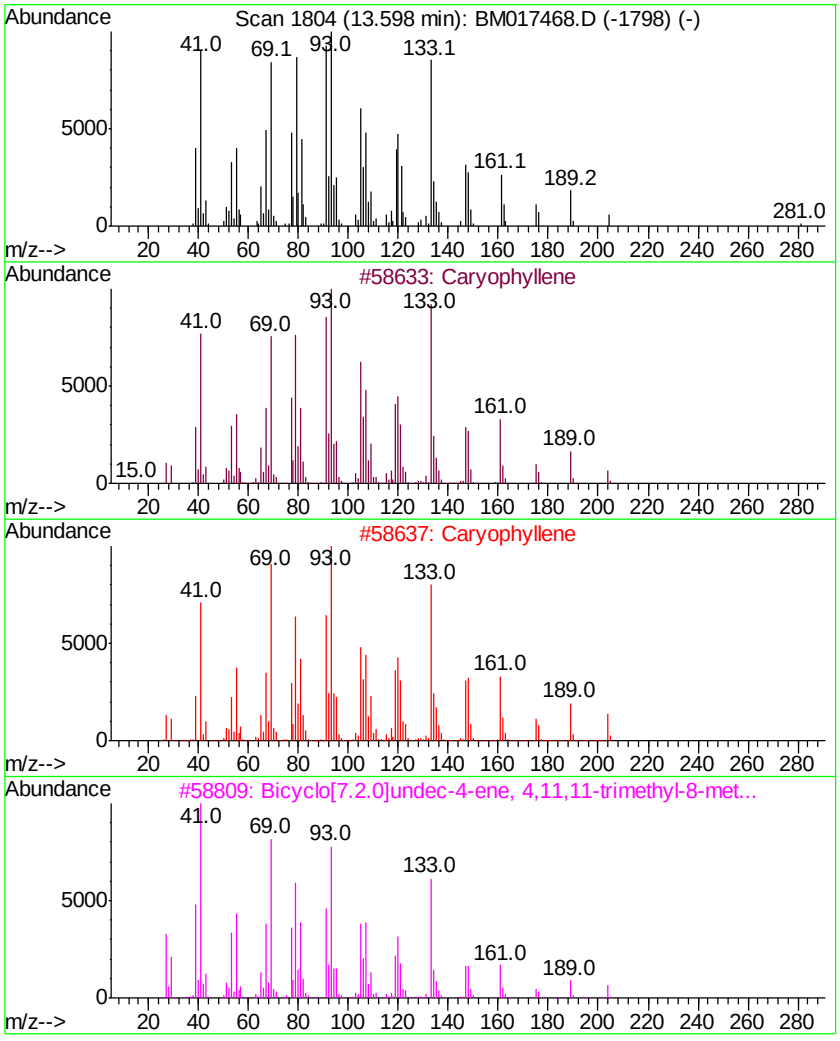
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

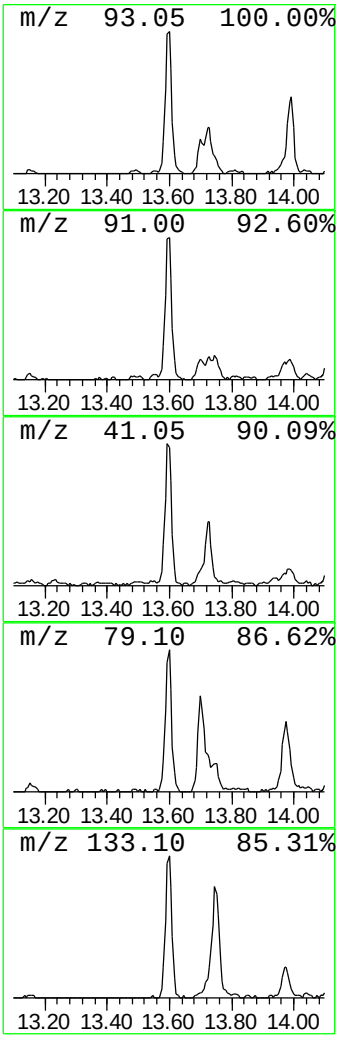
****

Peak Number 2 Caryophyllene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	3.86 ng/ul	578868	Acenaphthene-d10	14.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caryophyllene	204	C15H24	000087-44-5	99
2	Caryophyllene	204	C15H24	000087-44-5	98
3	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	91
4	Caryophyllene	204	C15H24	000087-44-5	89
5	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	013877-93-5	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110118\
Data File : BM017468.D
Acq On : 01 Nov 2018 16:46
Operator : MJ/SJ
Sample : J5704-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40H5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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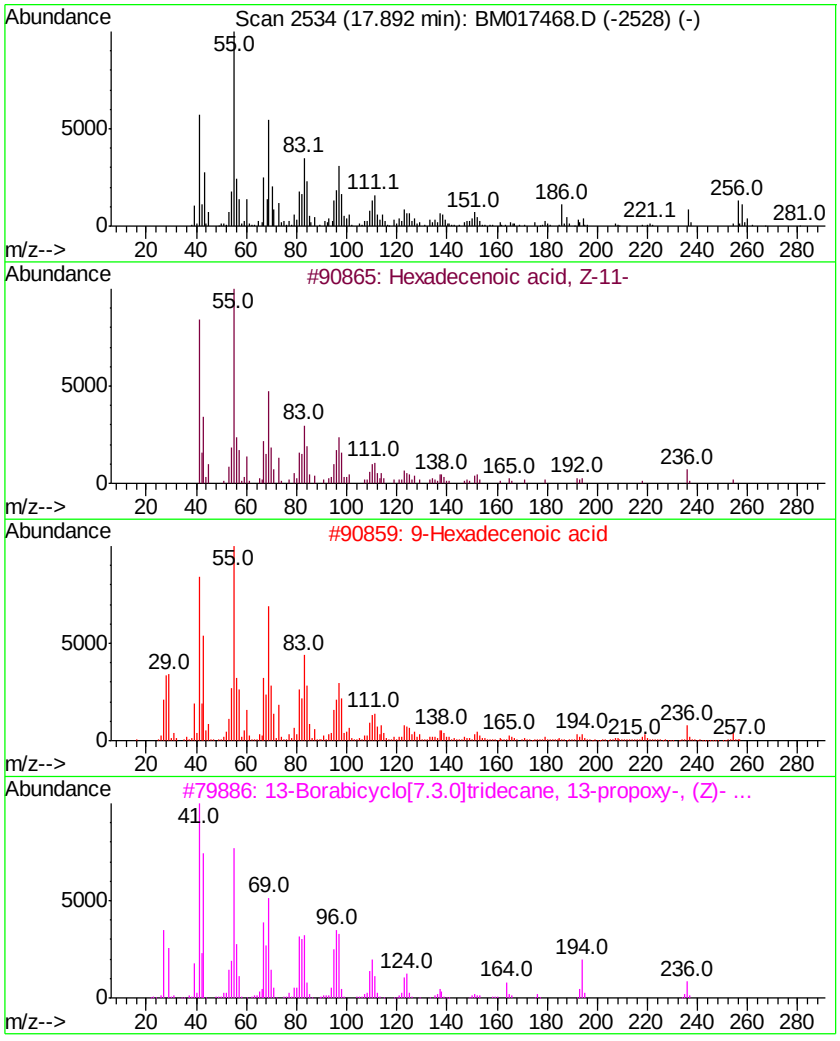
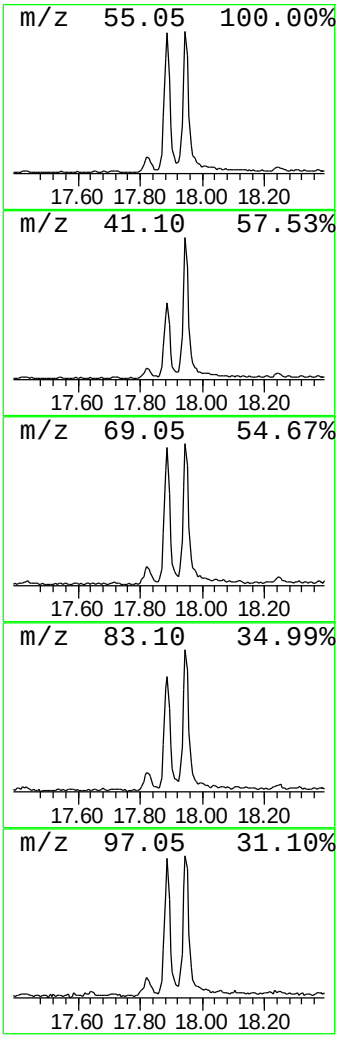
Peak Number 3 Hexadecenoic acid, Z-11- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	5.84 ng/ul	1097370	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	76
2	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	76
3	13-Borabicyclo[7.3.0]tridecane, ...	236	C15H29BO	1000156-41-7	56
4	Z-7-Tetradecenoic acid	226	C14H26O2	1000130-98-4	55
5	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110118\
Data File : BM017468.D
Acq On : 01 Nov 2018 16:46
Operator : MJ/SJ
Sample : J5704-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40H5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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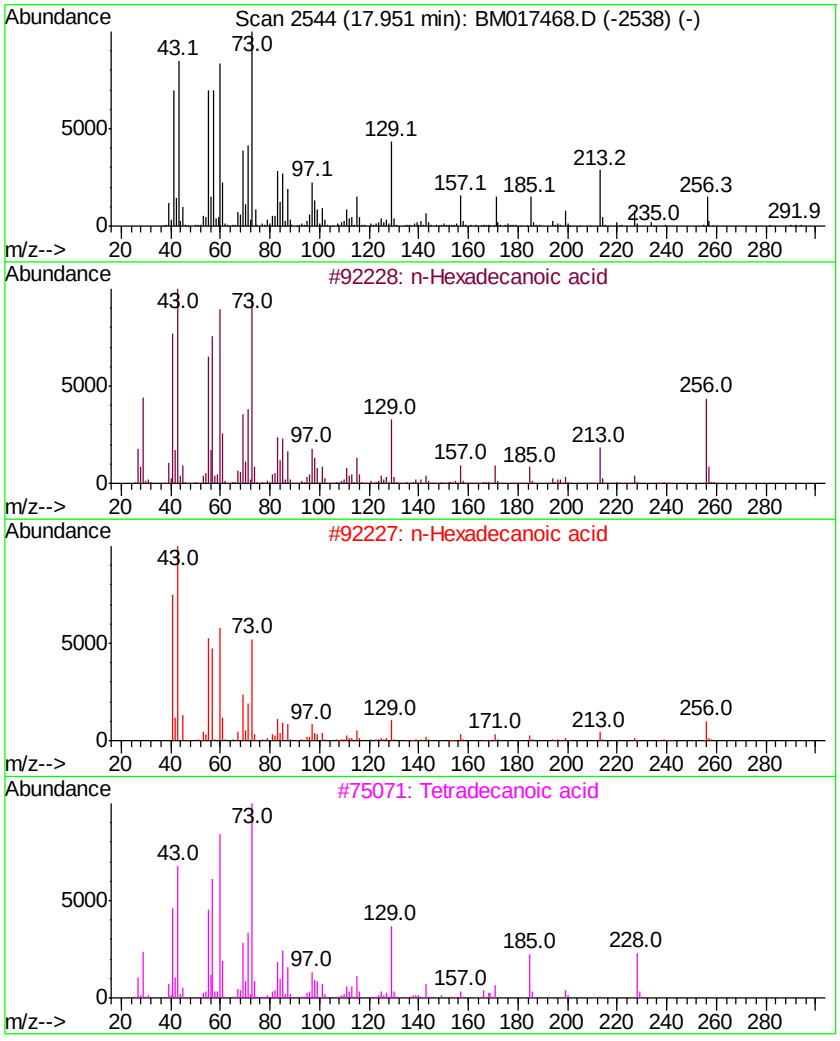
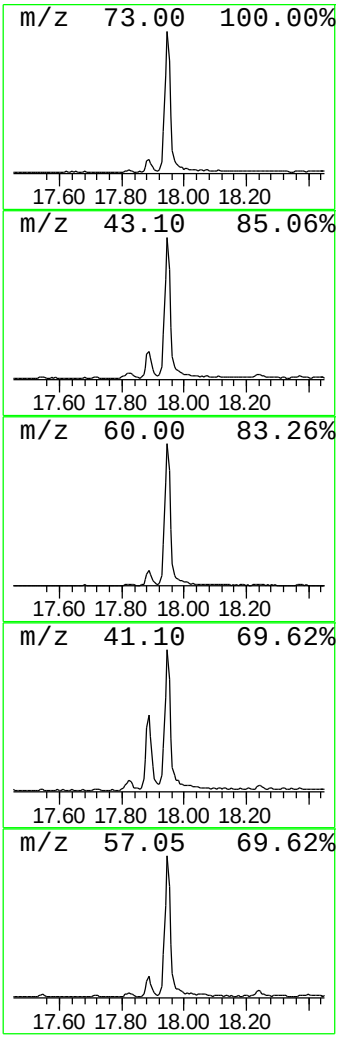
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	10.42 ng/ul	1956760	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110118\
Data File : BM017468.D
Acq On : 01 Nov 2018 16:46
Operator : MJ/SJ
Sample : J5704-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40H5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

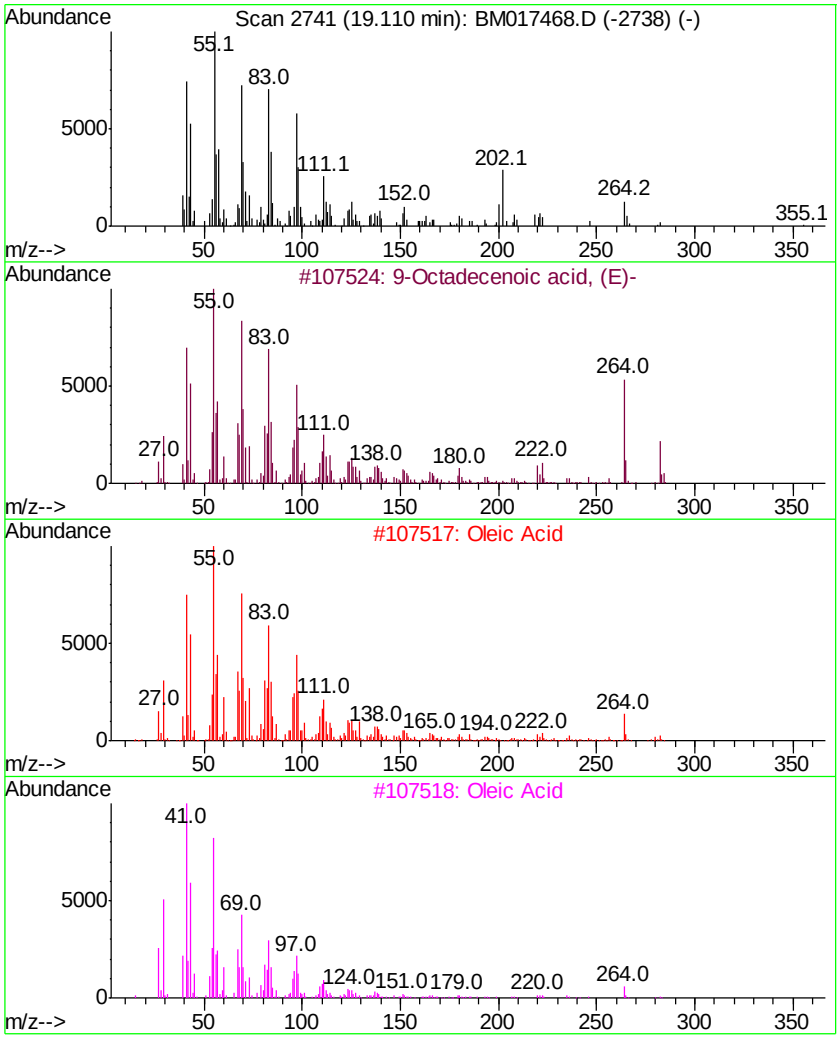
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

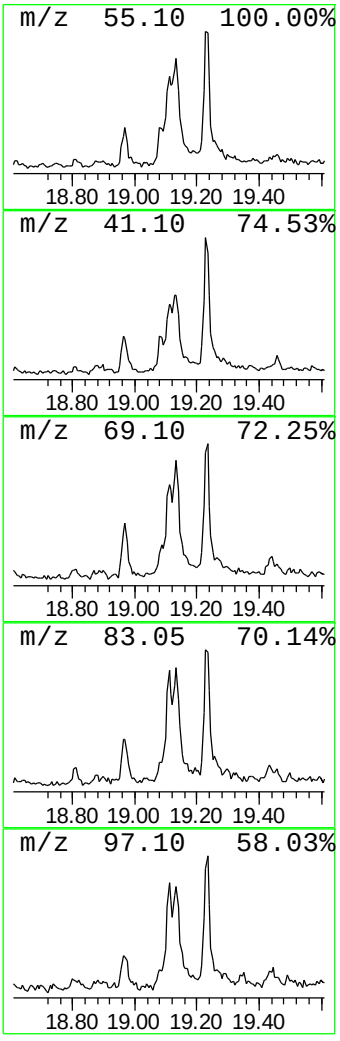
****

Peak Number 5 9-Octadecenoic acid, (E)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.11	2.37 ng/ul	445240	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	93
2	Oleic Acid	282	C18H34O2	000112-80-1	91
3	Oleic Acid	282	C18H34O2	000112-80-1	91
4	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	87
5	Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	86





Library Search Compound Report

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Acq On : 01 Nov 2018 16:46
Operator : MJ/SJ
Sample : J5704-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40H5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

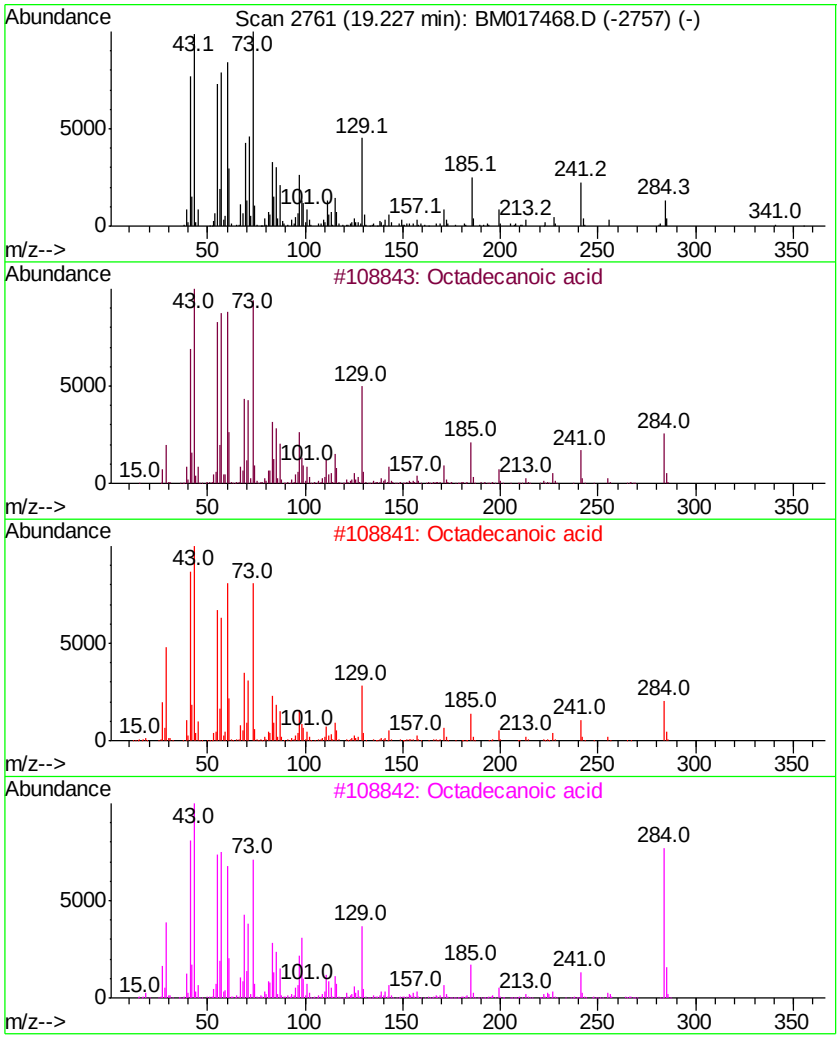
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

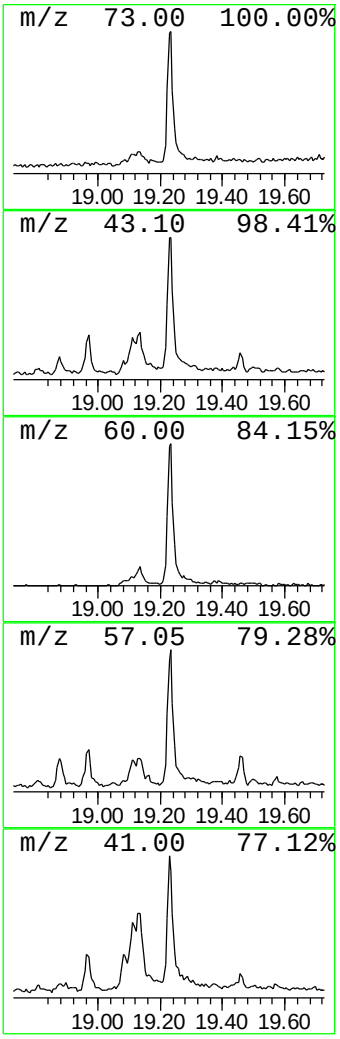
****

Peak Number 7 Octadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	2.90 ng/ul	766574	Chrysene-d12	21.23

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	93
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





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Misc :
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Instrument : BNA_M
ClientSampleId : A40H5

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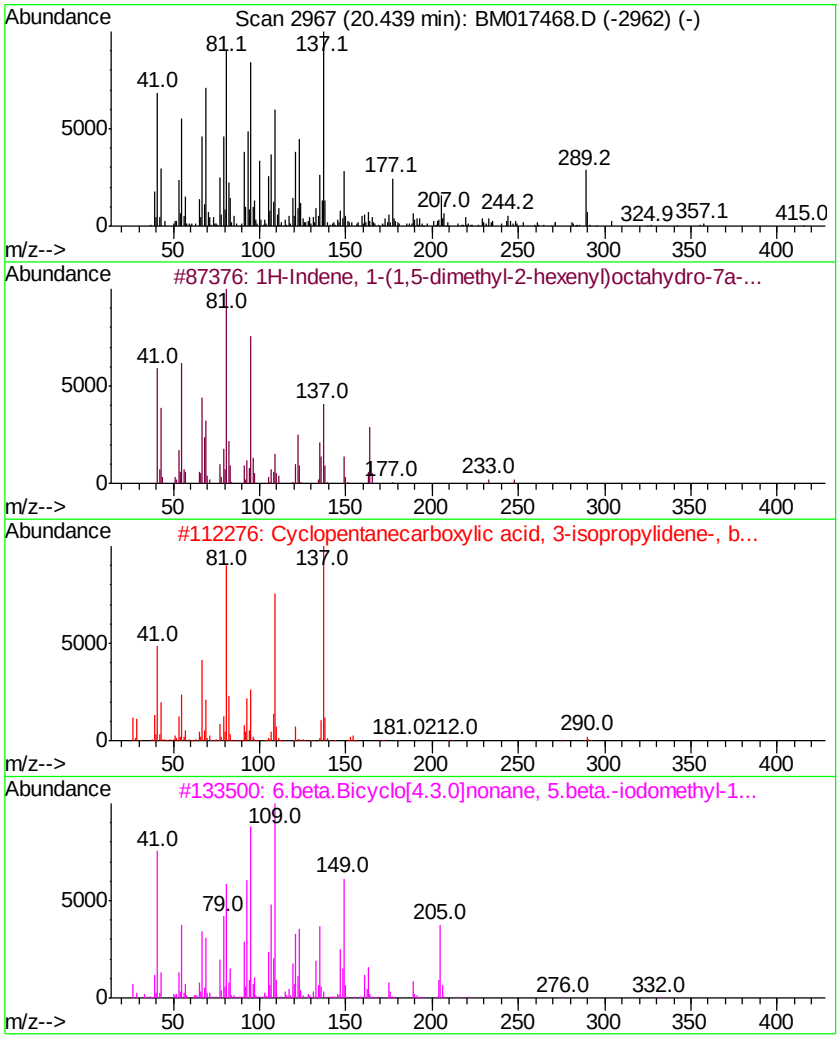
Quant Title : SVOA CALIBRATION

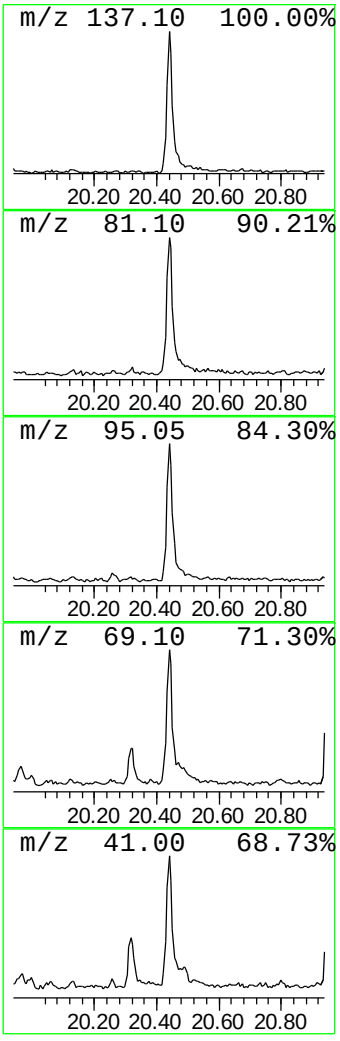
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Indene, 1-(1,5-dimethyl-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	3.69 ng/ul	977103	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-(1,5-dimethyl-2-hex...	248	C18H32	054411-95-9	50
2	Cyclopentanecarboxylic acid, 3-i...	290	C19H30O2	1000151-83-4	43
3	6.beta.Bicyclo[4.3.0]nonane, 5.b...	332	C15H25I	1000195-85-9	30
4	2-Pentenoic acid, 5-(decahydro-5...	304	C20H32O2	024470-48-2	30
5	Pyrazole, 3,5-dimethyl-1-(4-fluo...	233	C12H12FN3O	312746-30-8	30





Library Search Compound Report

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Acq On : 01 Nov 2018 16:46
Operator : MJ/SJ
Sample : J5704-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40H5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

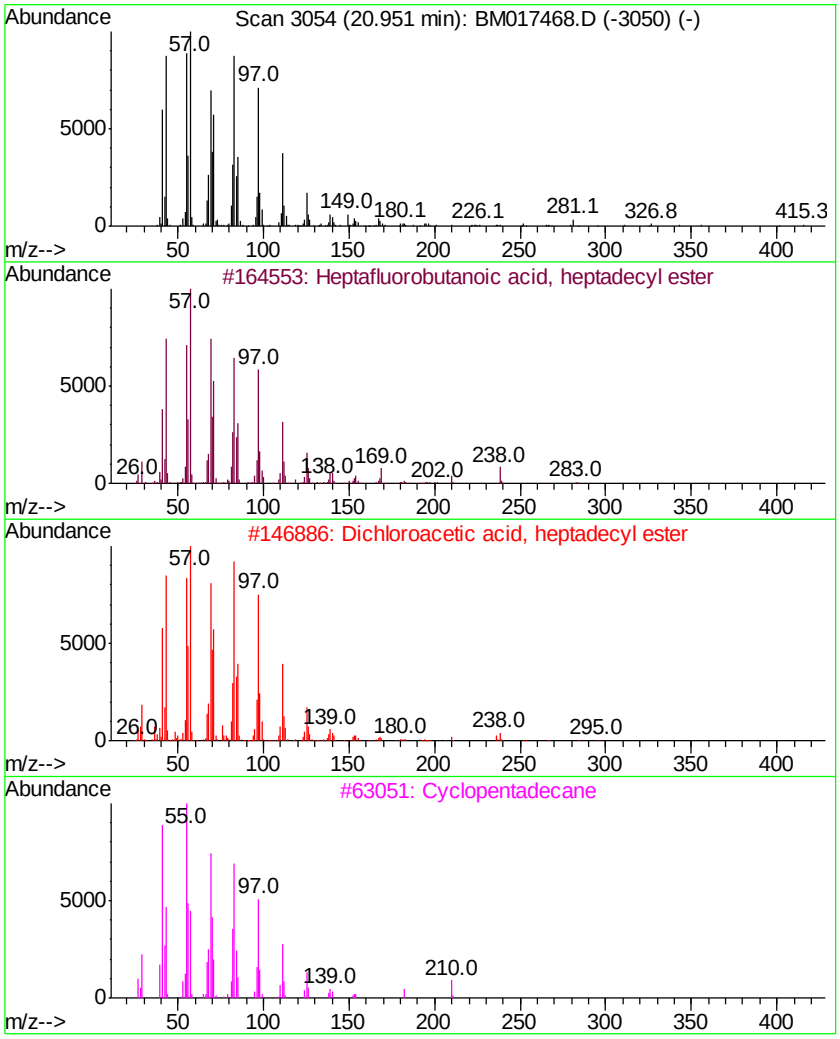
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

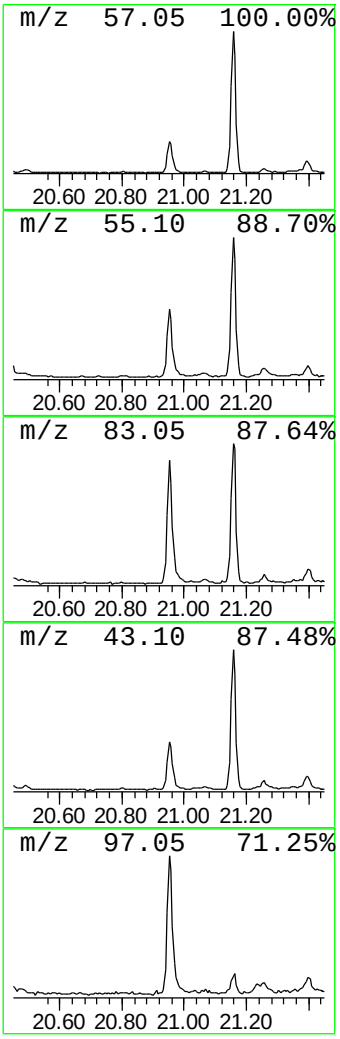
****

Peak Number 9 Heptafluorobutanoic acid, h... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	3.75 ng/ul	991098	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
3	Cyclopentadecane	210	C15H30	000295-48-7	93
4	E-7-Octadecene	252	C18H36	1000130-92-0	93
5	Cyclooctacosane	392	C28H56	000297-24-5	91





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Acq On : 01 Nov 2018 16:46
Operator : MJ/SJ
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40H5

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Quant Title : SVOA CALIBRATION

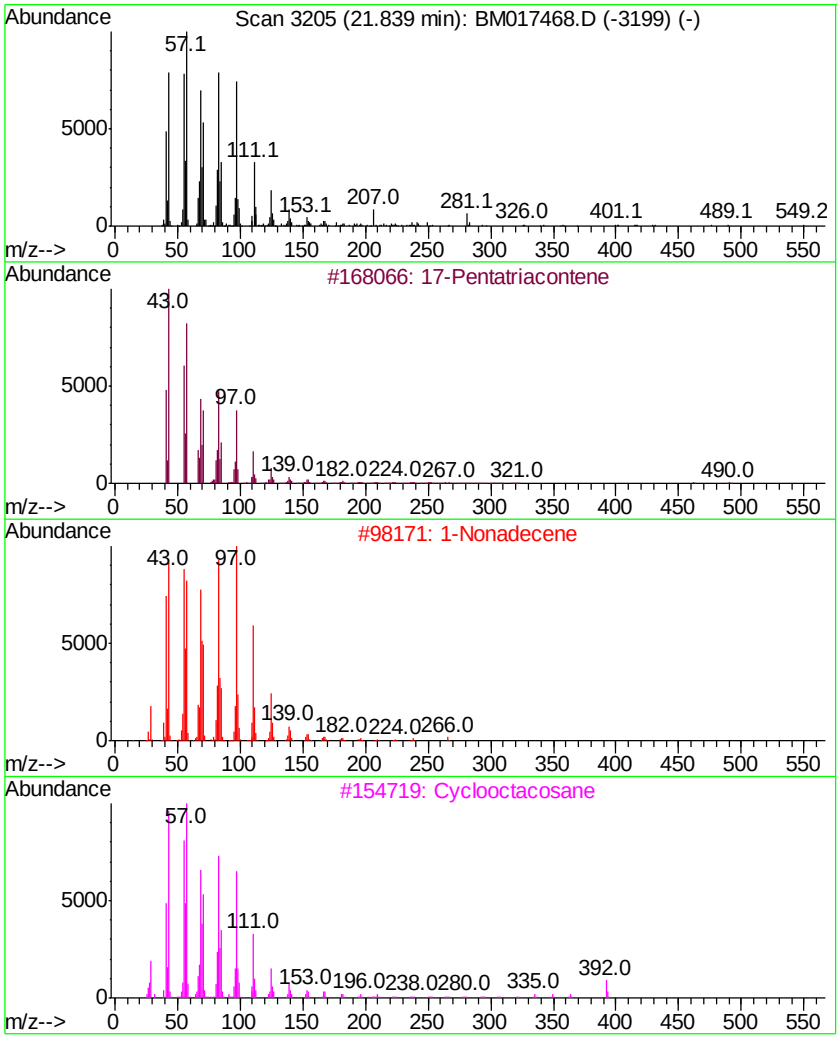
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

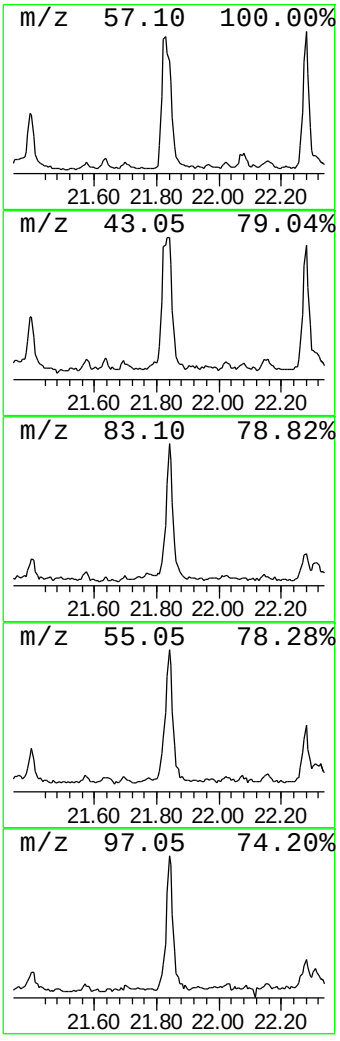
****

Peak Number 10 (DEL) Alkane: Cyclic21.84 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	3.83 ng/ul	1012600	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	Cyclooctacosane	392	C28H56	000297-24-5	91
4	1-Docosene	308	C22H44	001599-67-3	90
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	81





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Misc :
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Instrument : BNA_M
ClientSampleId : A40H5

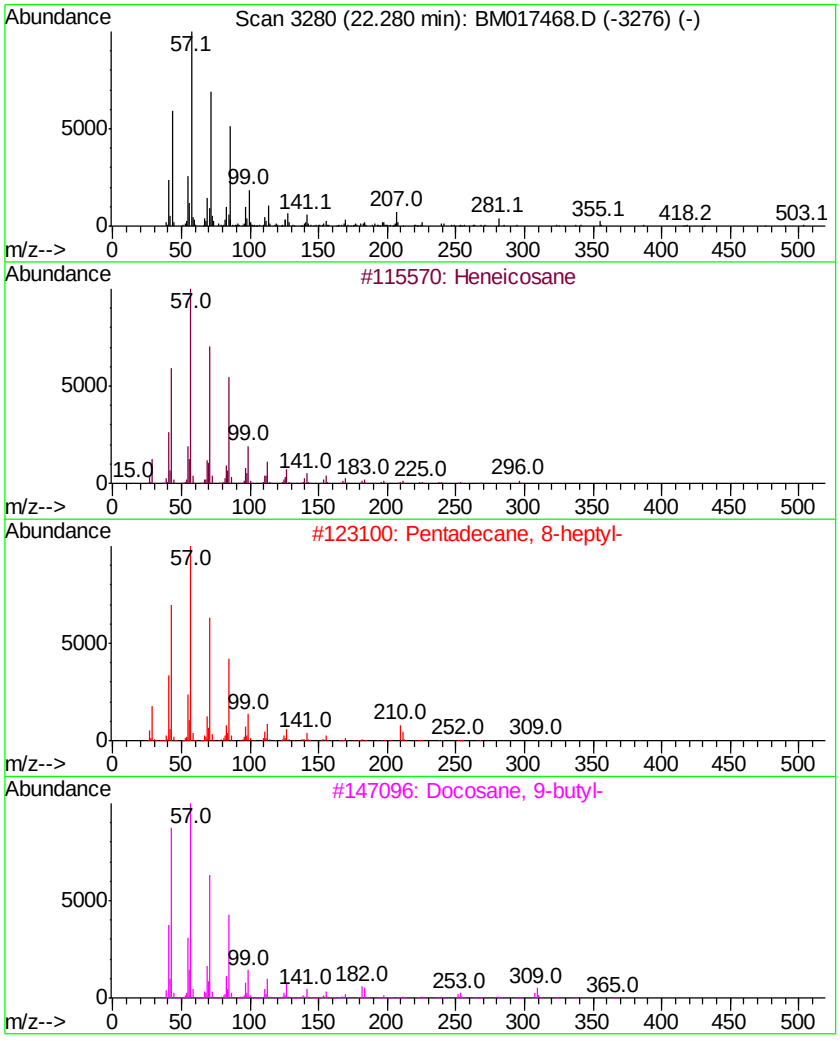
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

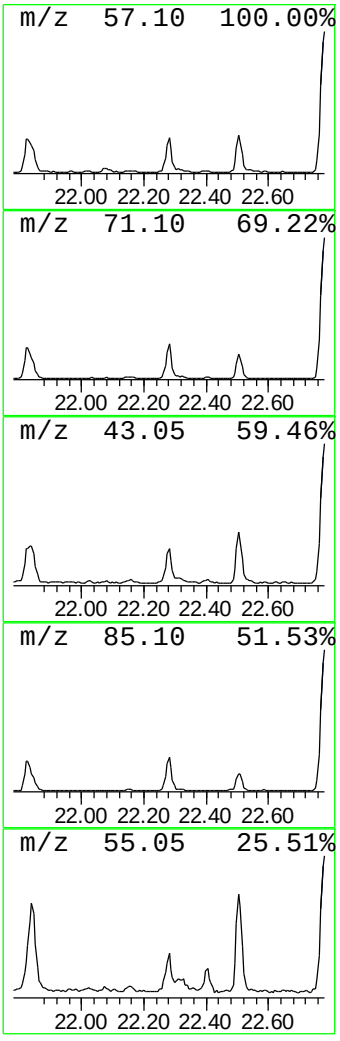
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	2.02 ng/ul	534218	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
3	Docosane, 9-butyl-	366	C26H54	055282-14-9	86
4	Triacontane	422	C30H62	000638-68-6	86
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	80





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40H5

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Quant Title : SVOA CALIBRATION

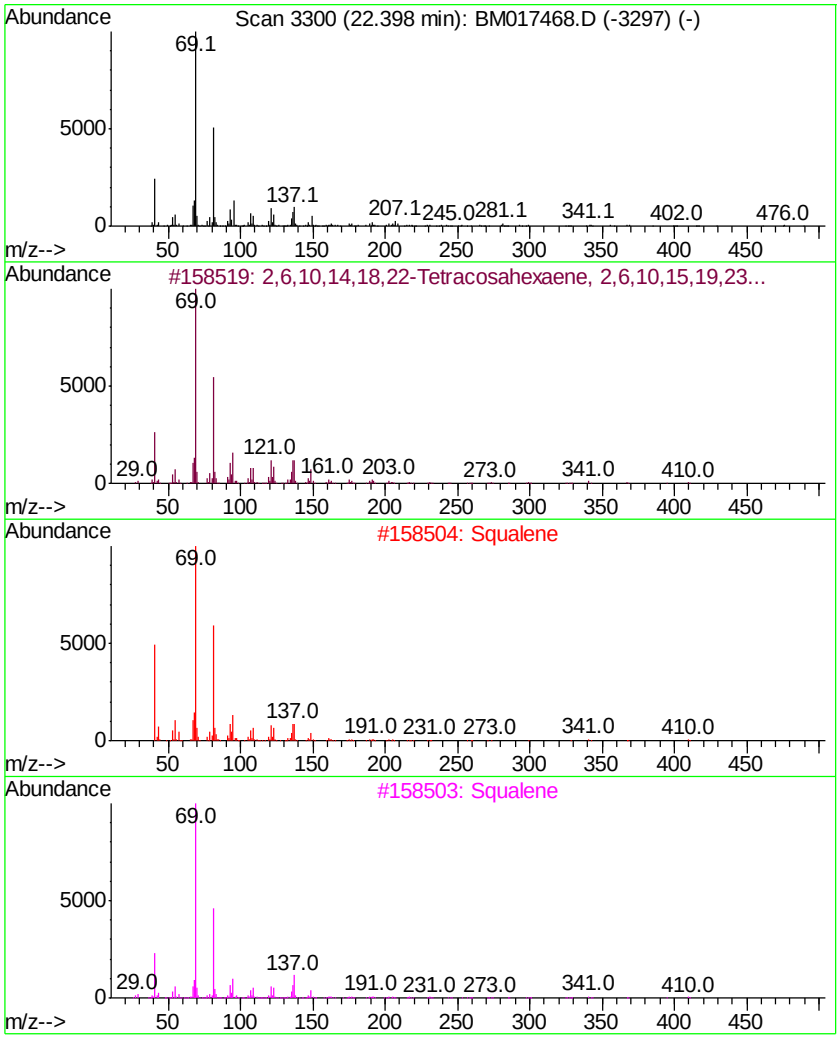
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

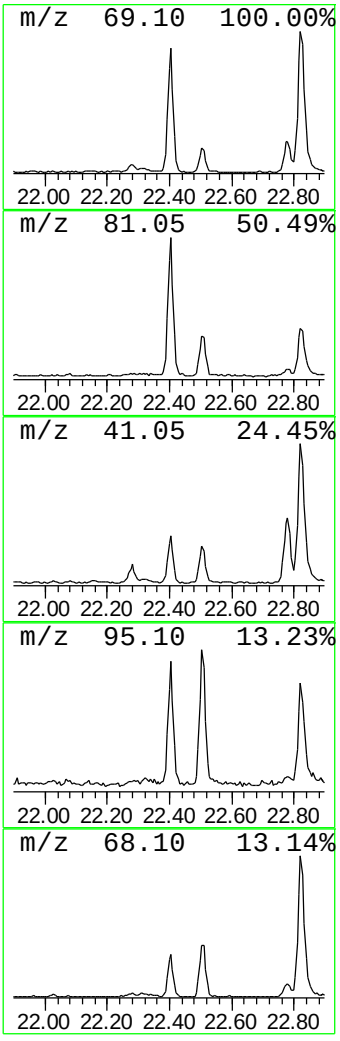
****

Peak Number 12 2,6,10,14,18,22-Tetracosahe... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.40	3.48 ng/ul	799678	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91
2	Squalene	410	C30H50	007683-64-9	91
3	Squalene	410	C30H50	007683-64-9	91
4	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91
5	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	83





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Sample : J5704-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40H5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

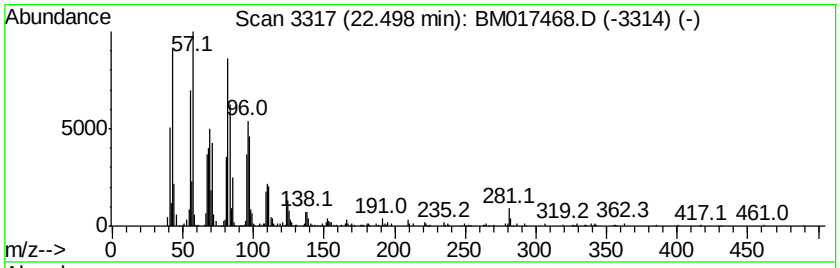
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

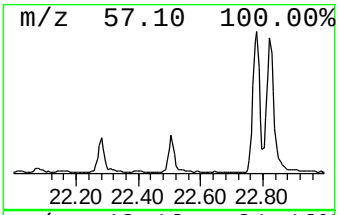
****

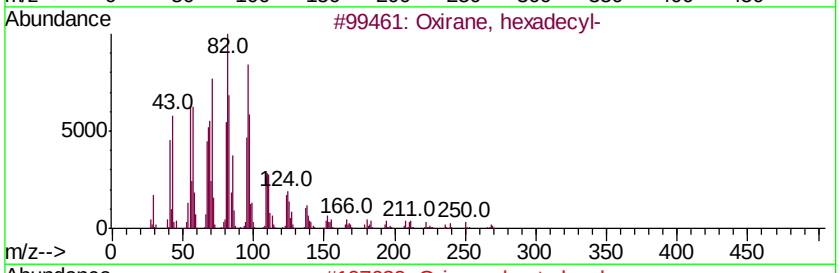
Peak Number 13 Oxirane, hexadecyl- Concentration Rank 10

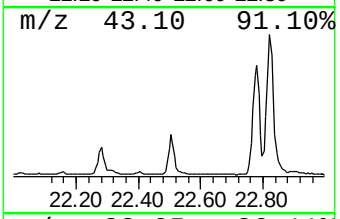
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	4.27 ng/ul	980156	Perylene-d12	23.44

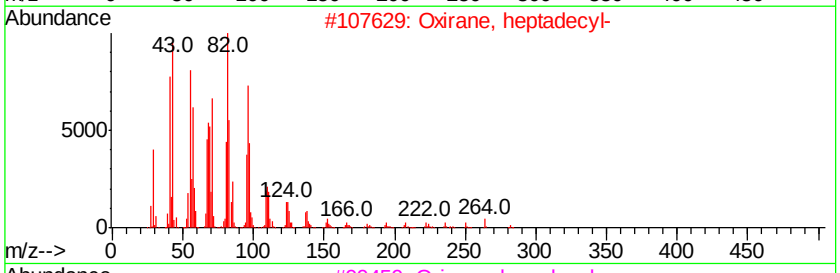
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	95
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	94
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
5	Octadecanal	268	C18H36O	000638-66-4	90

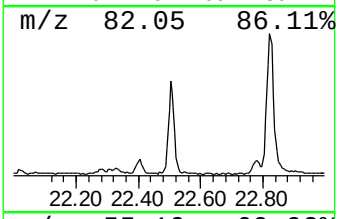


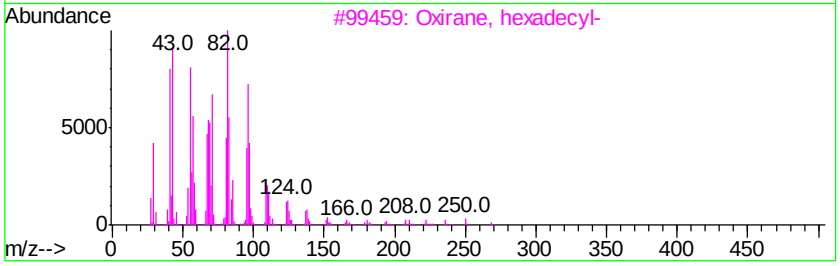


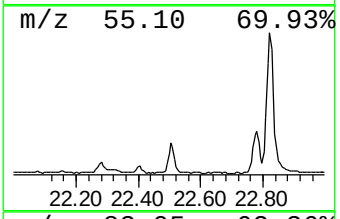


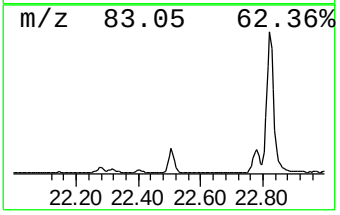












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Operator : MJ/SJ
Sample : J5704-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40H5

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Quant Title : SVOA CALIBRATION

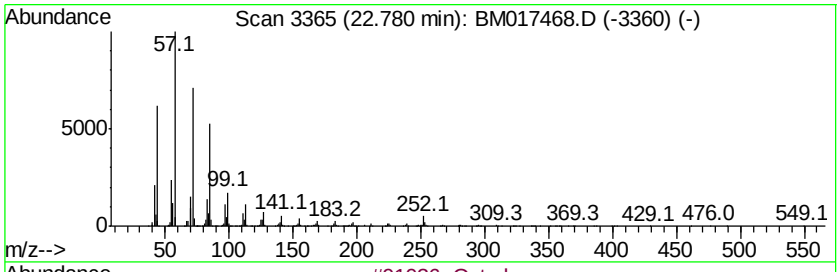
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

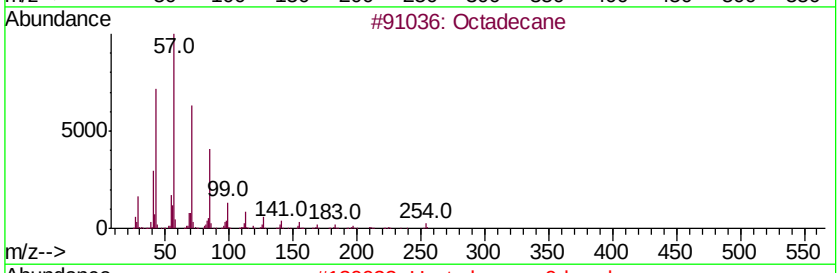
****

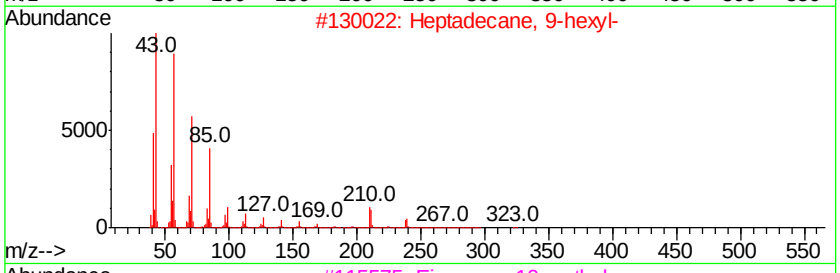
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 6

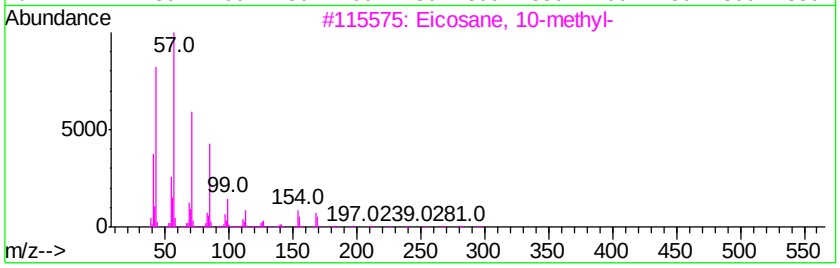
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.78	8.93 ng/ul	2050080	Perylene-d12	23.44

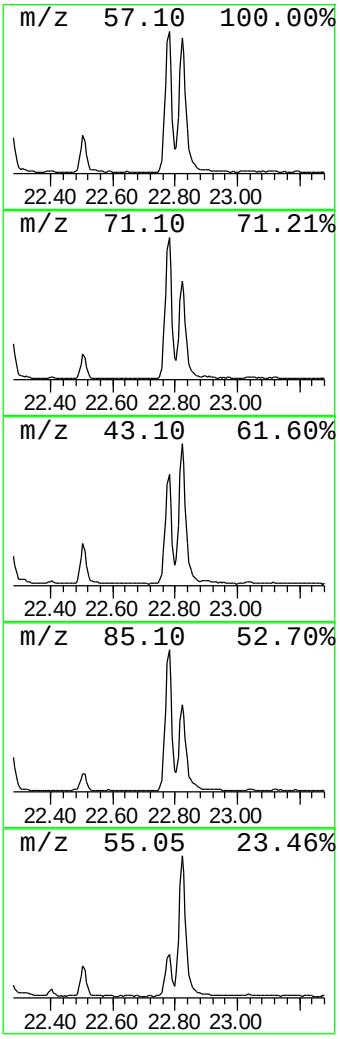
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90











Library Search Compound Report

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Sample : J5704-17
Misc :
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Instrument : BNA_M
ClientSampleId : A40H5

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Quant Title : SVOA CALIBRATION

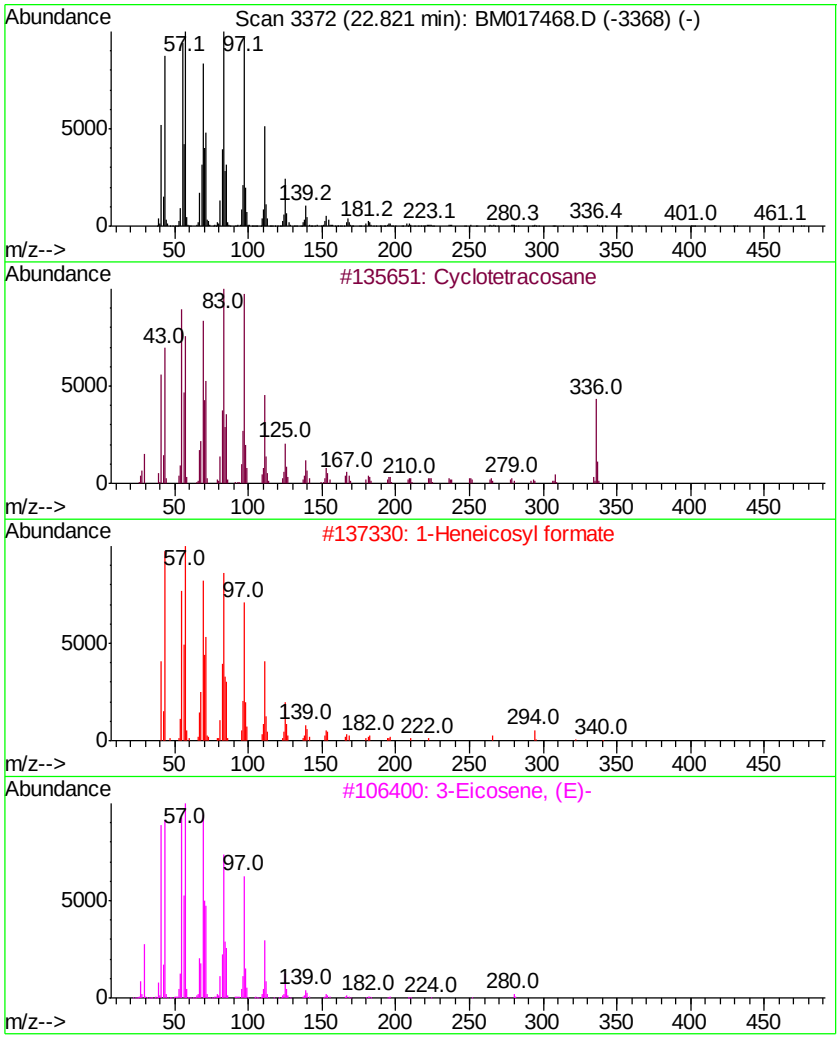
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

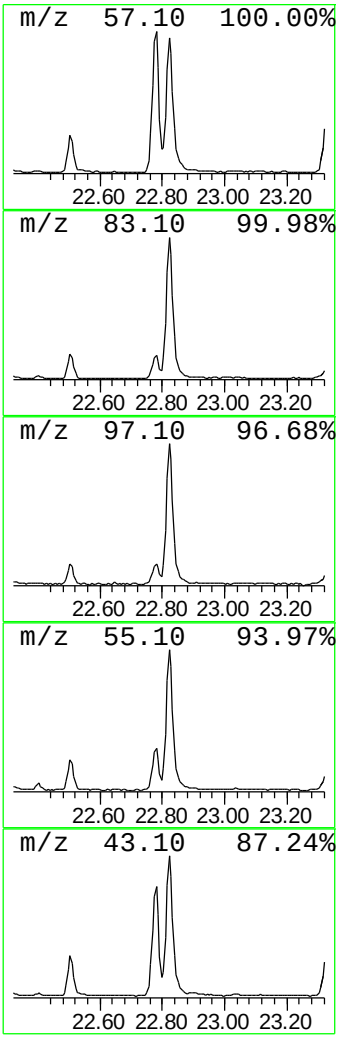
****

Peak Number 15 (DEL) Alkane: Cyclic22.82 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.82	19.04 ng/ul	4369580	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	98
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
4	1-Nonadecene	266	C19H38	018435-45-5	87
5	1-Heptadecanol	256	C17H36O	001454-85-9	83





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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40H5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

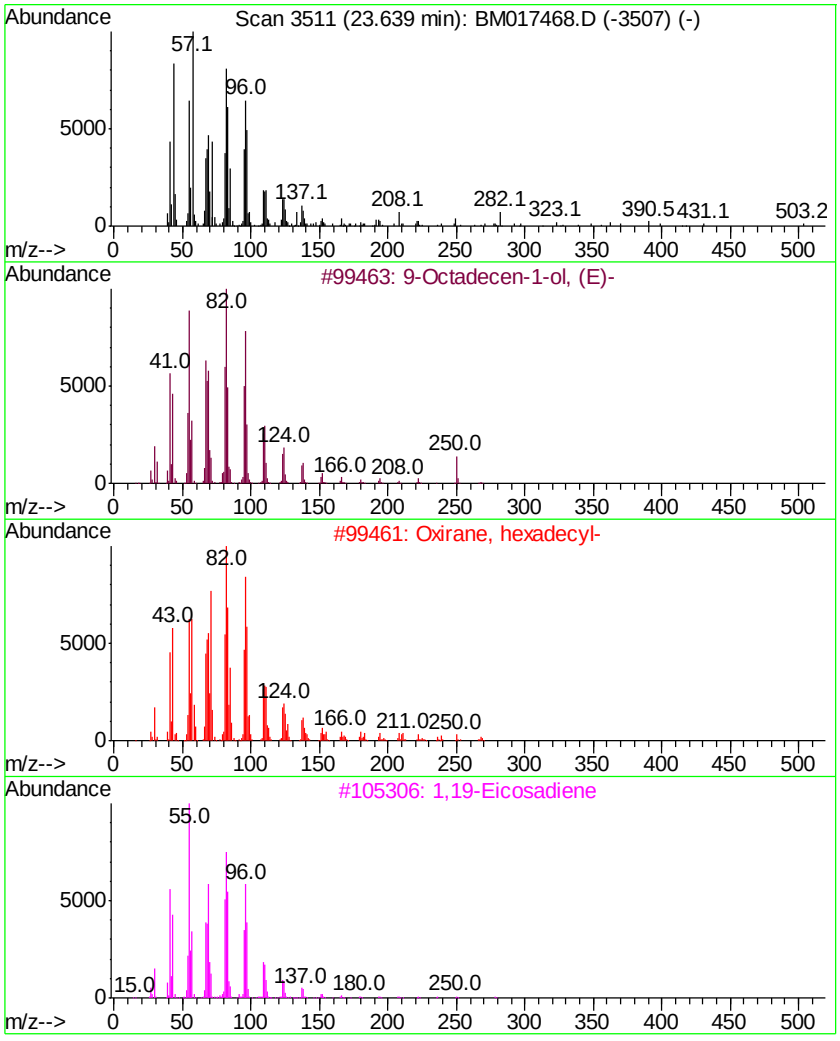
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

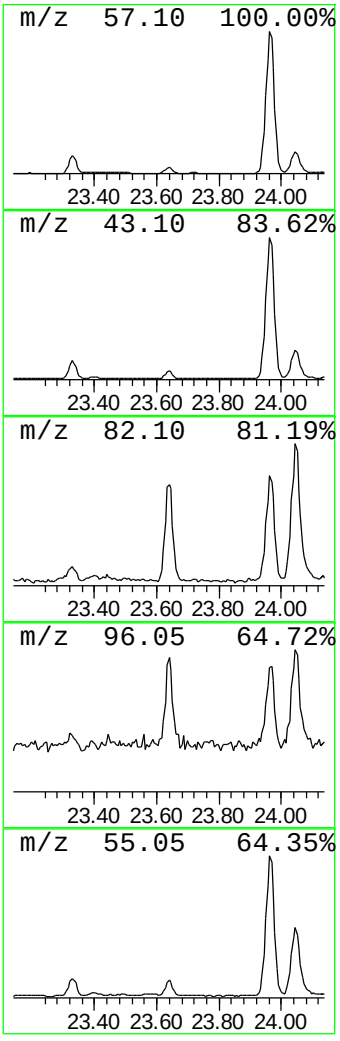
****

Peak Number 16 9-Octadecen-1-ol, (E)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.64	2.92 ng/ul	670331	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecen-1-ol, (E)-	268	C18H36O	000506-42-3	91
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
3	1,19-Eicosadiene	278	C20H38	014811-95-1	90
4	Octadecanal	268	C18H36O	000638-66-4	87
5	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	86





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Data File : BM017468.D
Acq On : 01 Nov 2018 16:46
Operator : MJ/SJ
Sample : J5704-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40H5

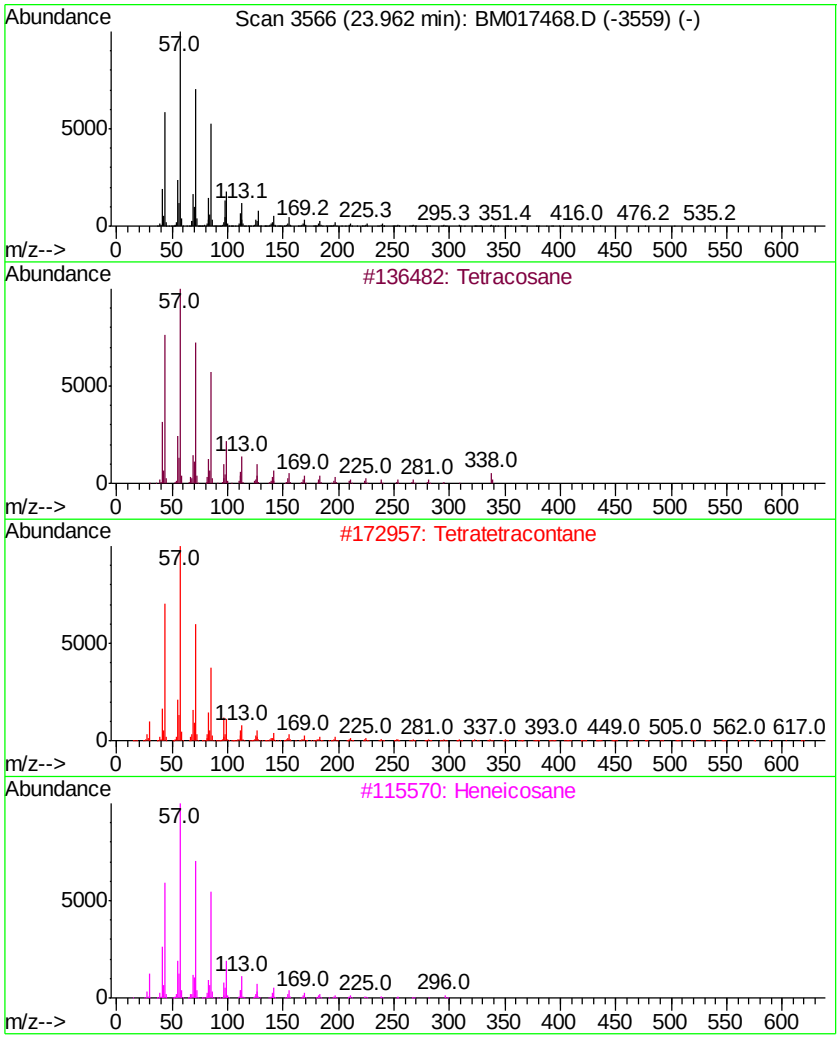
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

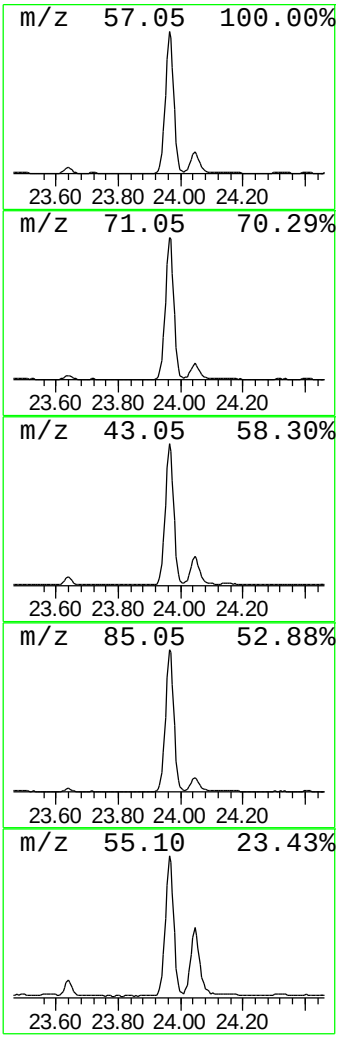
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.96	37.85 ng/ul	8685940	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Octacosane	394	C28H58	000630-02-4	91





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Acq On : 01 Nov 2018 16:46
Operator : MJ/SJ
Sample : J5704-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40H5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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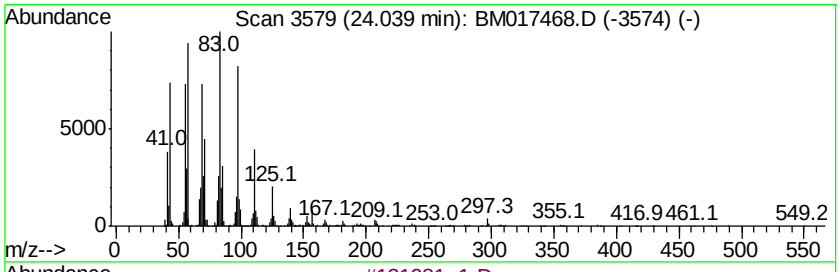
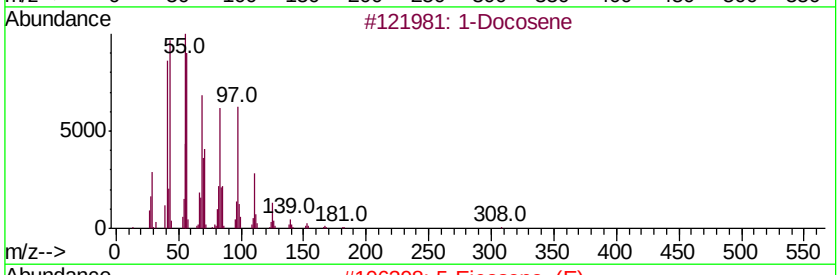
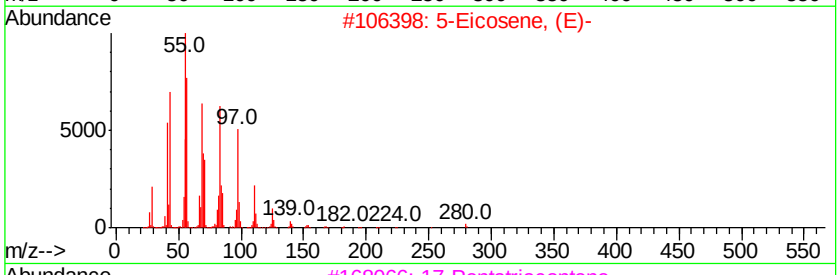
Peak Number 18 (DEL) Alkane: Cyclic24.04 Concentration Rank 4

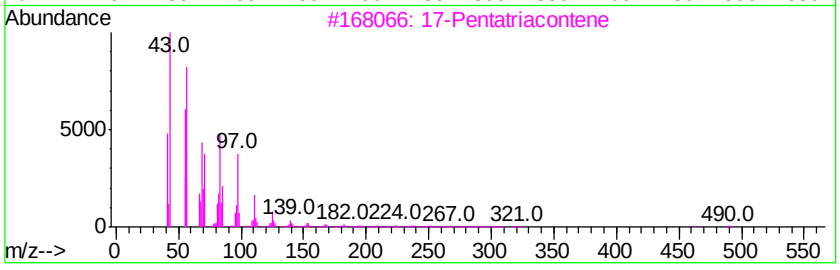
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.04	12.24 ng/ul	2808380	Perylene-d12	23.44

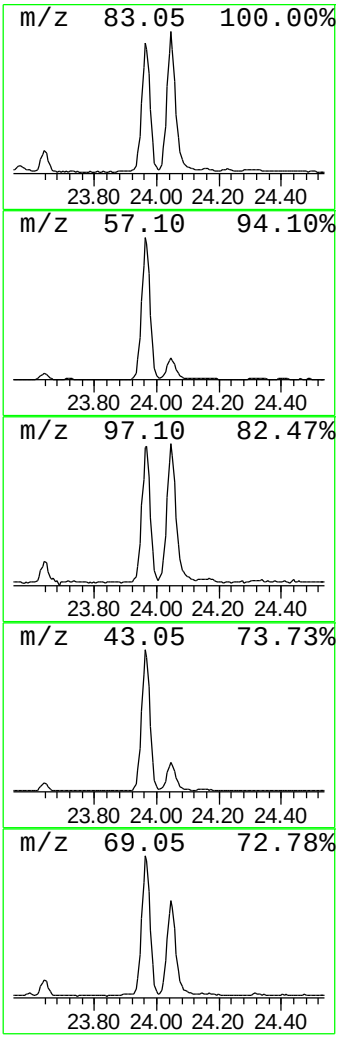
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	74
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	72
3	17-Pentatriacontene	491	C35H70	006971-40-0	72
4	1-Triacontanol	438	C30H62O	000593-50-0	68
5	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	64











Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110118\
Data File : BM017468.D
Acq On : 01 Nov 2018 16:46
Operator : MJ/SJ
Sample : J5704-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40H5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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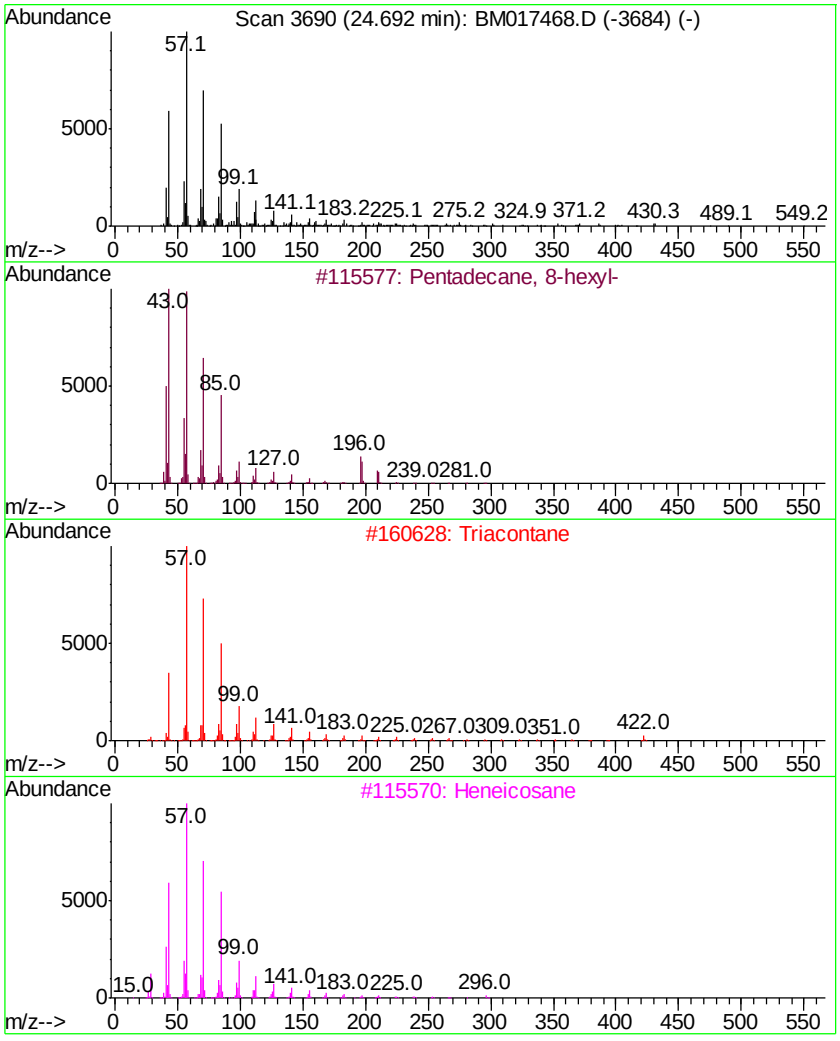
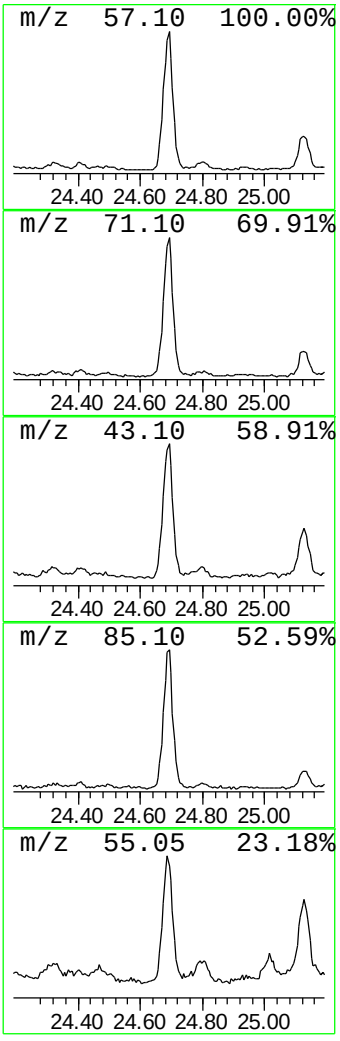
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.69	4.90 ng/ul	1123880	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
2	Triacontane	422	C30H62	000638-68-6	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tetratriacontane	479	C34H70	014167-59-0	90
5	Octadecane	254	C18H38	000593-45-3	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110118\
Data File : BM017468.D
Acq On : 01 Nov 2018 16:46
Operator : MJ/SJ
Sample : J5704-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40H5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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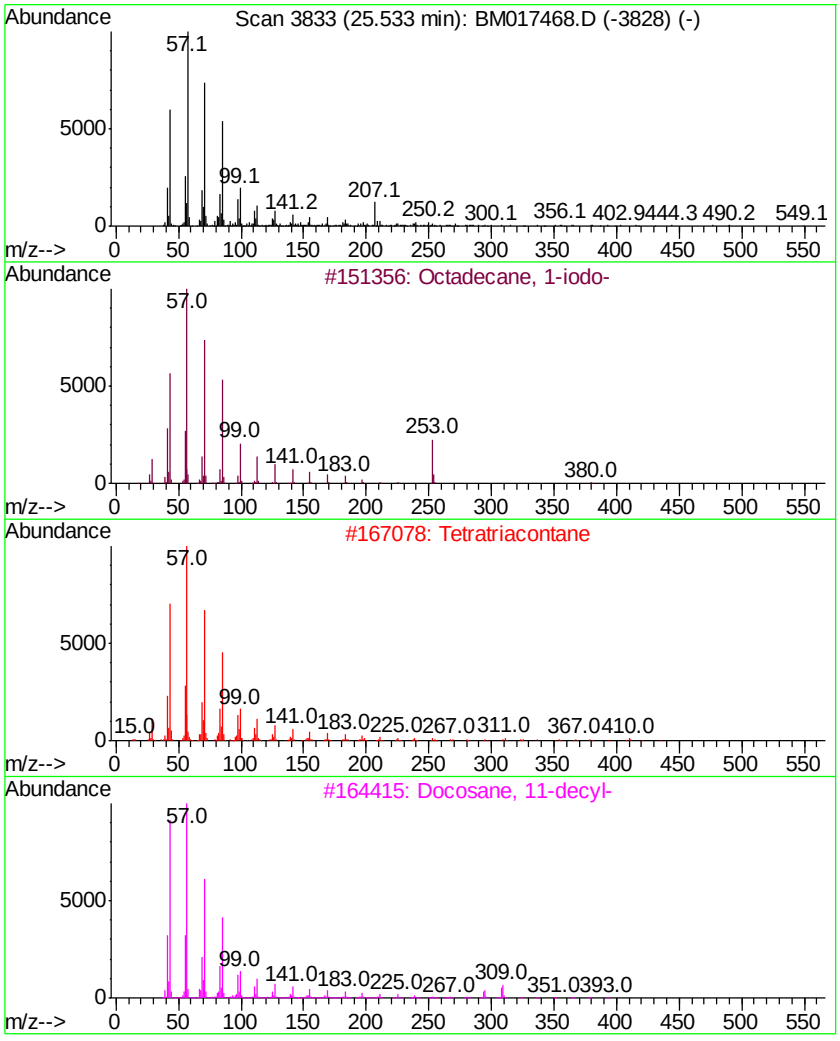
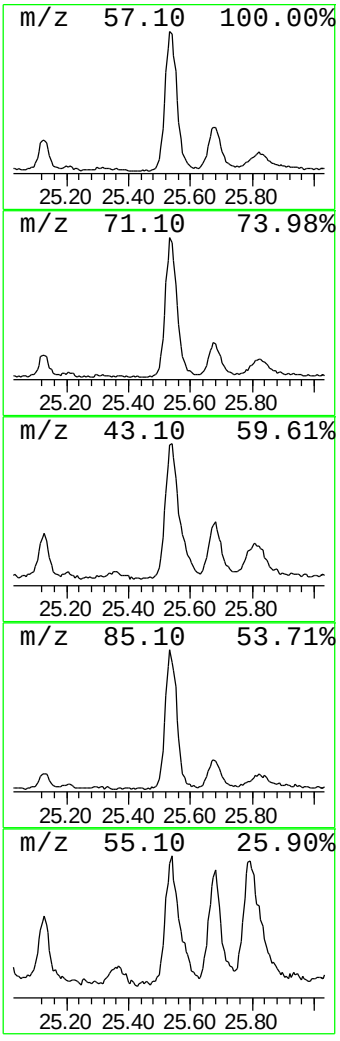
Peak Number 20 Octadecane, 1-iodo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.53	8.61 ng/ul	1975090	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	97
2	Tetratriacontane	479	C34H70	014167-59-0	90
3	Docosane, 11-decyl-	451	C32H66	055401-55-3	90
4	Triacontane	422	C30H62	000638-68-6	90
5	Heneicosane	296	C21H44	000629-94-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110118\
Data File : BM017468.D
Acq On : 01 Nov 2018 16:46
Operator : MJ/SJ
Sample : J5704-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40H5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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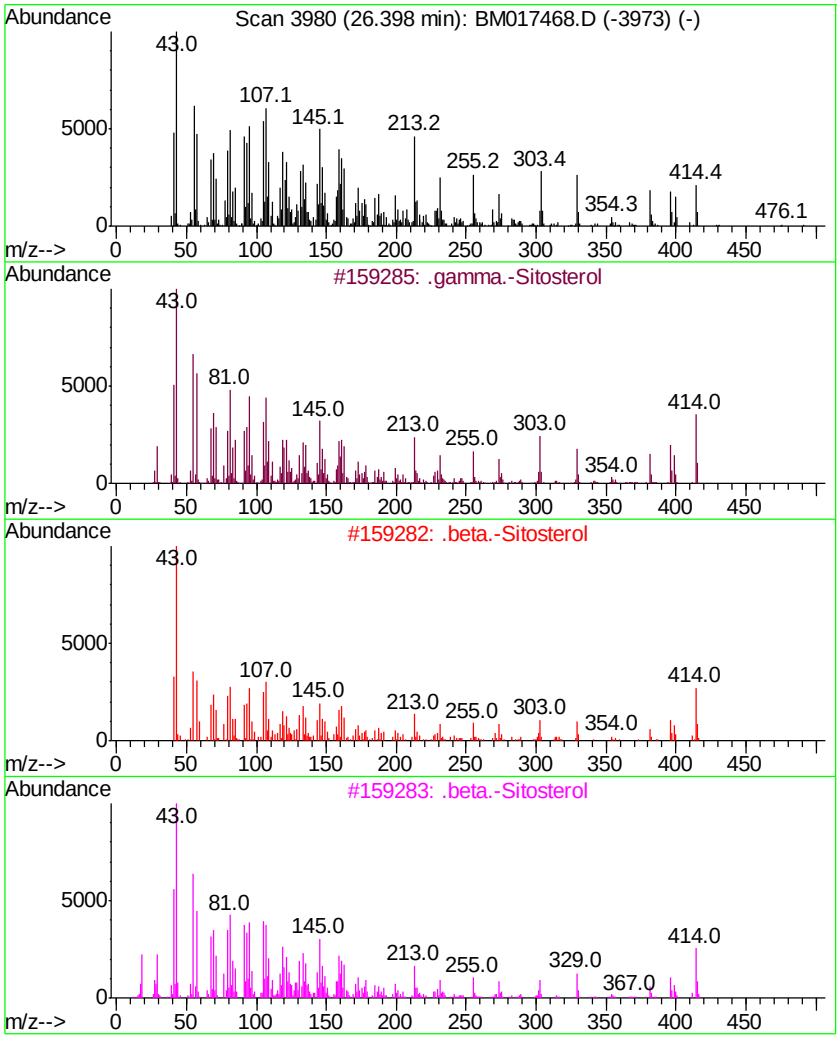
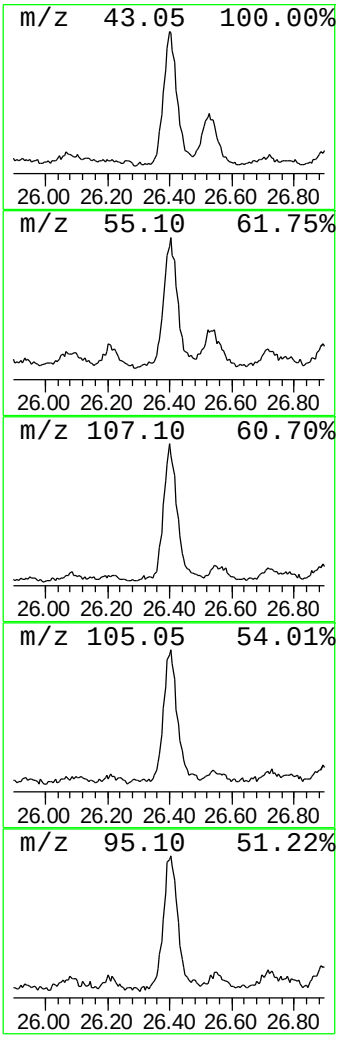
Peak Number 21 .gamma.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.40	13.64 ng/ul	3130770	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	95
3	.beta.-Sitosterol	414	C29H50O	000083-46-5	94
4	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	49
5	Isocholesteryl methyl ether	400	C28H48O	029944-53-4	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110118\
Data File : BM017468.D
Acq On : 01 Nov 2018 16:46
Operator : MJ/SJ
Sample : J5704-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40H5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1R-.alpha.-Pinene	6.33	3.4	ng/ul	204616	1	7.64	1190780	20.0
Caryophyllene	13.60	3.9	ng/ul	578868	3	14.28	2999040	20.0
Hexadecenoic acid...	17.89	5.8	ng/ul	1097370	4	17.03	3755080	20.0
n-Hexadecanoic acid	17.95	10.4	ng/ul	1956760	4	17.03	3755080	20.0
9-Octadecenoic ac...	19.11	2.4	ng/ul	445240	4	17.03	3755080	20.0
Octadecanoic acid	19.23	2.9	ng/ul	766574	5	21.23	5292330	20.0
1H-Indene, 1-(1,5...	20.44	3.7	ng/ul	977103	5	21.23	5292330	20.0
Heptafluorobutano...	20.95	3.8	ng/ul	991098	5	21.23	5292330	20.0
(DEL) Alkane: Cyc...	21.84	3.8	ng/ul	1012600	5	21.23	5292330	20.0
(DEL) Alkane: Str...	22.28	2.0	ng/ul	534218	5	21.23	5292330	20.0
2,6,10,14,18,22-T...	22.40	3.5	ng/ul	799678	6	23.44	4590010	20.0
Oxirane, hexadecyl-	22.50	4.3	ng/ul	980156	6	23.44	4590010	20.0
(DEL) Alkane: Str...	22.78	8.9	ng/ul	2050080	6	23.44	4590010	20.0
(DEL) Alkane: Cyc...	22.82	19.0	ng/ul	4369580	6	23.44	4590010	20.0
9-Octadecen-1-ol,...	23.64	2.9	ng/ul	670331	6	23.44	4590010	20.0
(DEL) Alkane: Str...	23.96	37.9	ng/ul	8685940	6	23.44	4590010	20.0
(DEL) Alkane: Cyc...	24.04	12.2	ng/ul	2808380	6	23.44	4590010	20.0
(DEL) Alkane: Str...	24.69	4.9	ng/ul	1123880	6	23.44	4590010	20.0
Octadecane, 1-iodo-	25.53	8.6	ng/ul	1975090	6	23.44	4590010	20.0
.gamma.-Sitosterol	26.40	13.6	ng/ul	3130770	6	23.44	4590010	20.0