LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002109.D
Acq On : 29 Jul 2015 01:02
Operator : TP/UM
Sample : G3019-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B6

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.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	6.628	663	670	680	rVV	27393	58278	0.47%	0.145%
2	6.769	684	694	702	rVV	192487	294157	2.39%	0.734%
3	6.934	716	722	731	rBV	137996	202974	1.65%	0.506%
4	7.128	748	755	763	rVB	192498	301225	2.44%	0.751%
5	7.593	826	834	841	rBB	214657	331440	2.69%	0.827%
6	8.304	949	955	962	rBV	232730	361843	2.94%	0.902%
7	8.757	1025	1032	1039	rBV	168273	272067	2.21%	0.679%
8	9.475	1148	1154	1161	rBV	144552	240622	1.95%	0.600%
9	9.716	1190	1195	1202	rBB	9997	17619	0.14%	0.044%
10	10.010	1238	1245	1254	rBB	241718	396328	3.22%	0.988%
11	10.381	1299	1308	1316	rBV	282443	469413	3.81%	1.171%
12	10.528	1328	1333	1340	rBV2	32961	57142	0.46%	0.143%
13	11.186	1440	1445	1455	rBV3	10774	23122	0.19%	0.058%
14	11.404	1474	1482	1491	rBV3	7539	16581	0.13%	0.041%
15	12.528	1665	1673	1679	rBV3	12118	23397	0.19%	0.058%
16	12.851	1721	1728	1733	rVB	8521	16061	0.13%	0.040%
17	13.569	1845	1850	1857	rVB3	22111	33596	0.27%	0.084%
18	13.669	1860	1867	1871	rVV	410012	560047	4.55%	1.397%
19	13.716	1871	1875	1882	rVB	168259	253889	2.06%	0.633%
20	13.945	1907	1914	1928	rVB	428422	659335	5.35%	1.644%
21	14.086	1932	1938	1943	rBV4	9559	16834	0.14%	0.042%
22	14.257	1961	1967	1974	rVB2	410548	622592	5.05%	1.553%
23	14.322	1974	1978	1981	rVV2	16115	22631	0.18%	0.056%
24	14.474	1999	2004	2015	rBV	169359	271765	2.21%	0.678%
25	14.627	2026	2030	2033	rBV	38263	53157	0.43%	0.133%
26	14.686	2033	2040	2046	rVB2	49547	76165	0.62%	0.190%
27	14.786	2051	2057	2059	rBV3	8533	13409	0.11%	0.033%
28	14.816	2059	2062	2066	rVV2	10115	15605	0.13%	0.039%
29	15.257	2131	2137	2142	rBV	542585	787200	6.39%	1.963%
30	15.386	2154	2159	2166	rVB	56091	78354	0.64%	0.195%
31	15.516	2175	2181	2186	rVB3	19096	27054	0.22%	0.067%
32	15.592	2189	2194	2200	rBV4	9208	16327	0.13%	0.041%
33	15.992	2255	2262	2267	rBV3	36478	77472	0.63%	0.193%
34	16.427	2330	2336	2355	rBV	646112	1068929	8.67%	2.666%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002109.D
Acq On : 29 Jul 2015 01:02
Operator : TP/UM
Sample : G3019-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B6

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Title : SVOA CALIBRATION

35	16.763	2389	2393	2397	rBV3	12317	17068	0.14%	0.043%
36	16.815	2399	2402	2407	rVV2	17291	27198	0.22%	0.068%
37	17.004	2428	2434	2439	rBV2	521363	755892	6.13%	1.885%
38	17.045	2439	2441	2446	rVB	54634	69398	0.56%	0.173%
39	17.104	2446	2451	2456	rBV	579522	788496	6.40%	1.966%
40	17.186	2461	2465	2471	rBV5	21773	32770	0.27%	0.082%
41	17.310	2480	2486	2490	rBV7	9299	19982	0.16%	0.050%
42	17.398	2496	2501	2515	rVB2	201863	382837	3.11%	0.955%
43	17.504	2515	2519	2522	rBV2	15612	19835	0.16%	0.049%
44	17.815	2560	2572	2575	rBV4	58311	163794	1.33%	0.408%
45	17.957	2583	2596	2619	rVV	5381886	12322162	100.00%	30.731%
46	18.115	2619	2623	2631	rVB2	57597	90739	0.74%	0.226%
47	18.198	2634	2637	2641	rVB3	16262	17584	0.14%	0.044%
48	18.286	2648	2652	2656	rBV	81137	107056	0.87%	0.267%
49	18.333	2656	2660	2665	rVB	372993	433089	3.51%	1.080%
50	18.392	2667	2670	2674	rVB4	13542	17614	0.14%	0.044%
51	18.474	2680	2684	2694	rVB	80751	120680	0.98%	0.301%
52	18.586	2700	2703	2707	rBV5	14620	23301	0.19%	0.058%
53	18.627	2707	2710	2717	rVB4	20164	28605	0.23%	0.071%
54	18.739	2724	2729	2730	rBV3	13202	18464	0.15%	0.046%
55	18.774	2731	2735	2750	rVV	277153	530672	4.31%	1.323%
56	18.898	2752	2756	2760	rVV	55204	66210	0.54%	0.165%
57	18.962	2764	2767	2771	rVB	56824	67283	0.55%	0.168%
58	19.121	2776	2794	2806	rBV3	1774794	6888678	55.90%	17.180%
59	19.215	2806	2810	2827	rVV	1304336	2009267	16.31%	5.011%
60	19.345	2829	2832	2838	rVV7	49736	101730	0.83%	0.254%
61	19.409	2838	2843	2853	rVB	723699	1071026	8.69%	2.671%
62	19.568	2866	2870	2882	rVB4	80993	174241	1.41%	0.435%
63	19.704	2889	2893	2900	rBV	106473	131443	1.07%	0.328%
64	19.856	2916	2919	2922	rVB	29587	32704	0.27%	0.082%
65	20.139	2965	2967	2971	rVB4	28252	29704	0.24%	0.074%
66	20.198	2973	2977	2982	rBV2	125008	177159	1.44%	0.442%
67	20.286	2989	2992	2996	rVB	125324	142317	1.15%	0.355%
68	20.451	3017	3020	3024	rVB	41947	42789	0.35%	0.107%
69	20.515	3029	3031	3039	rVB8	21205	28936	0.23%	0.072%
70	20.809	3077	3081	3085	rBV5	38275	59953	0.49%	0.150%
71	20.921	3097	3100	3108	rVB3	126748	198260	1.61%	0.494%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002109.D
Acq On : 29 Jul 2015 01:02
Operator : TP/UM
Sample : G3019-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B6

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Title : SVOA CALIBRATION

72	21.121	3131	3134	3137	rBV	22954	30525	0.25%	0.076%
73	21.162	3137	3141	3143	rBV4	50512	68789	0.56%	0.172%
74	21.203	3143	3148	3153	rVV	774818	998309	8.10%	2.490%
75	21.780	3243	3246	3248	rBV2	38121	42870	0.35%	0.107%
76	21.809	3248	3251	3259	rVB	99027	158742	1.29%	0.396%
77	22.721	3402	3406	3413	rBV2	67885	118237	0.96%	0.295%
78	23.262	3492	3498	3510	rVB2	482206	964847	7.83%	2.406%
79	23.403	3516	3522	3533	rVB	524227	989413	8.03%	2.468%
80	23.897	3603	3606	3614	rVB3	47545	88455	0.72%	0.221%
81	24.256	3664	3667	3674	rVB7	48647	93285	0.76%	0.233%
82	25.338	3846	3851	3860	rVB7	78688	193855	1.57%	0.483%
83	26.215	3992	4000	4010	rVB2	135479	371266	3.01%	0.926%
84	26.380	4021	4028	4049	rBV2	111851	509384	4.13%	1.270%
85	26.544	4052	4056	4071	rVB2	68226	203809	1.65%	0.508%
86	27.432	4200	4207	4219	rVB6	98721	319175	2.59%	0.796%

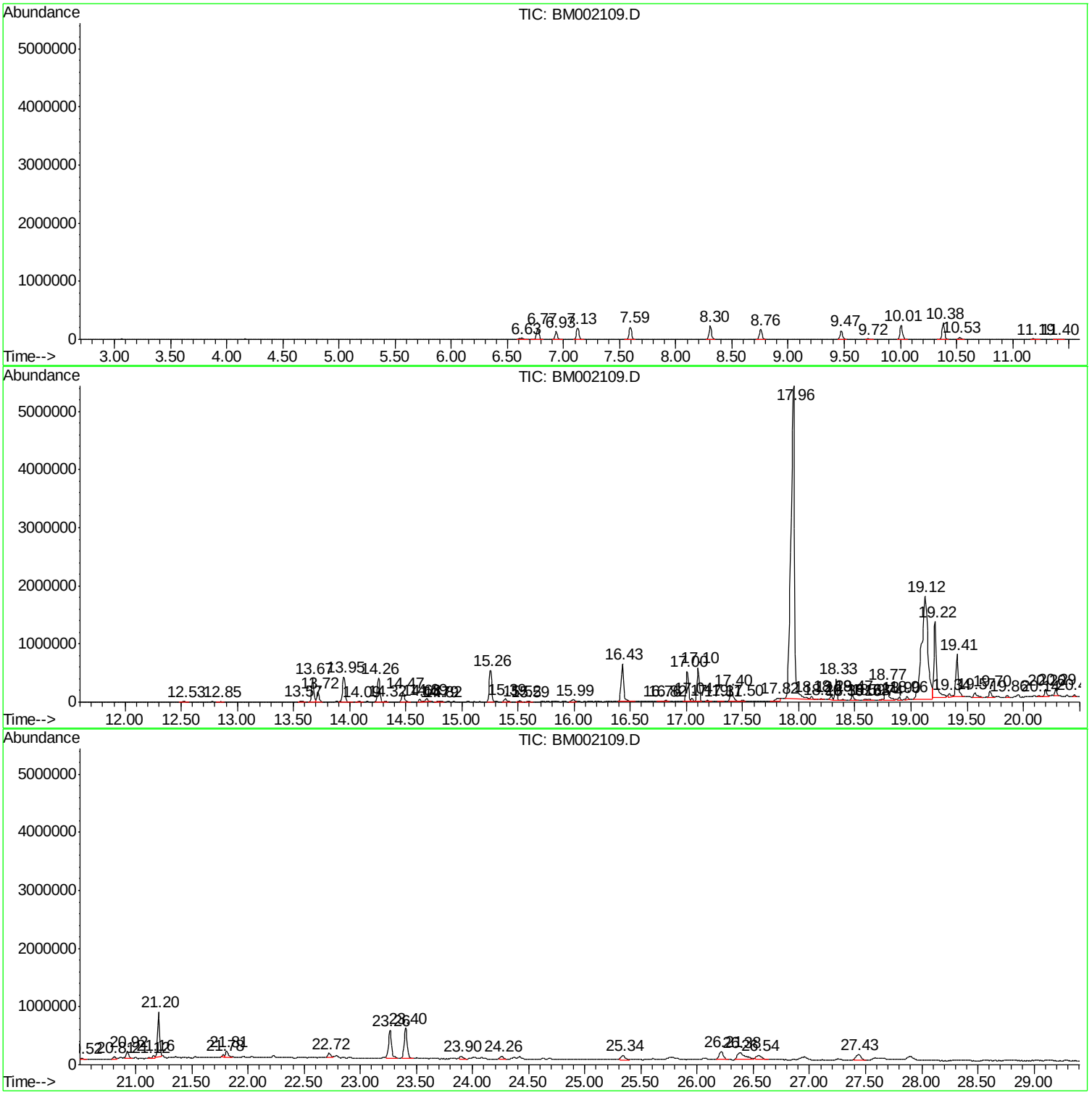
Sum of corrected areas: 40096527

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002109.D
Acq On : 29 Jul 2015 01:02
Operator : TP/UM
Sample : G3019-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002109.D
Acq On : 29 Jul 2015 01:02
Operator : TP/UM
Sample : G3019-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

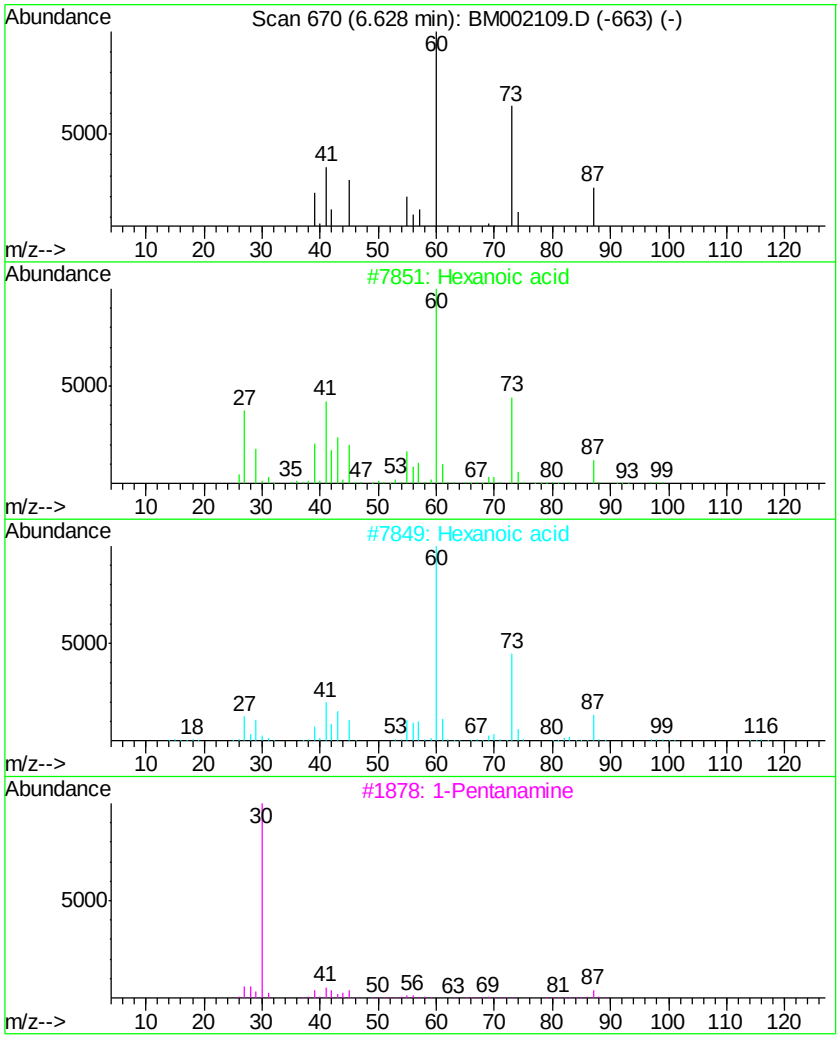
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

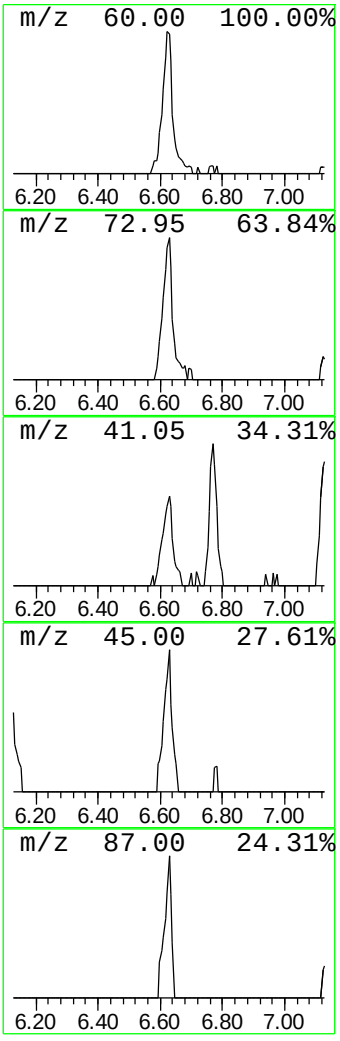
****

Peak Number 1 Hexanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	3.52 ng/ul	58278	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	74
2	Hexanoic acid	116	C6H12O2	000142-62-1	56
3	1-Pentanamine	87	C5H13N	000110-58-7	9
4	Guanidine, methyl-	73	C2H7N3	000471-29-4	9
5	S-(-)-2-Methylbutylamine	87	C5H13N	020626-52-2	9





Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002109.D
Acq On : 29 Jul 2015 01:02
Operator : TP/UM
Sample : G3019-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

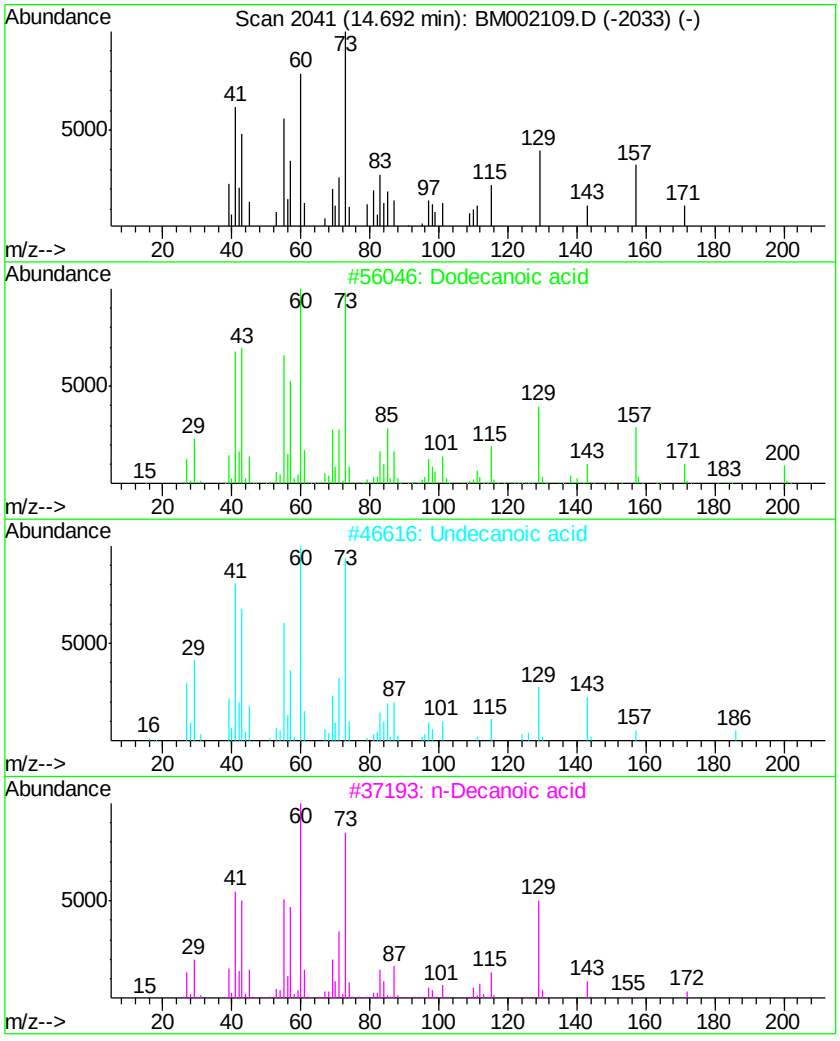
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

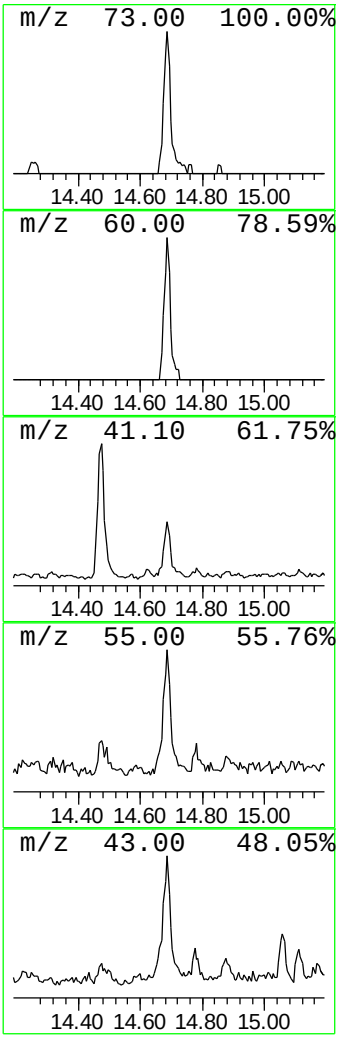
****

Peak Number 2 Dodecanoic acid Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	2.45 ng/ul	76165	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	93
2	Undecanoic acid	186	C11H22O2	000112-37-8	58
3	n-Decanoic acid	172	C10H20O2	000334-48-5	47
4	Dodecanoic acid	200	C12H24O2	000143-07-7	43
5	Nonanoic acid	158	C9H18O2	000112-05-0	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002109.D
Acq On : 29 Jul 2015 01:02
Operator : TP/UM
Sample : G3019-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

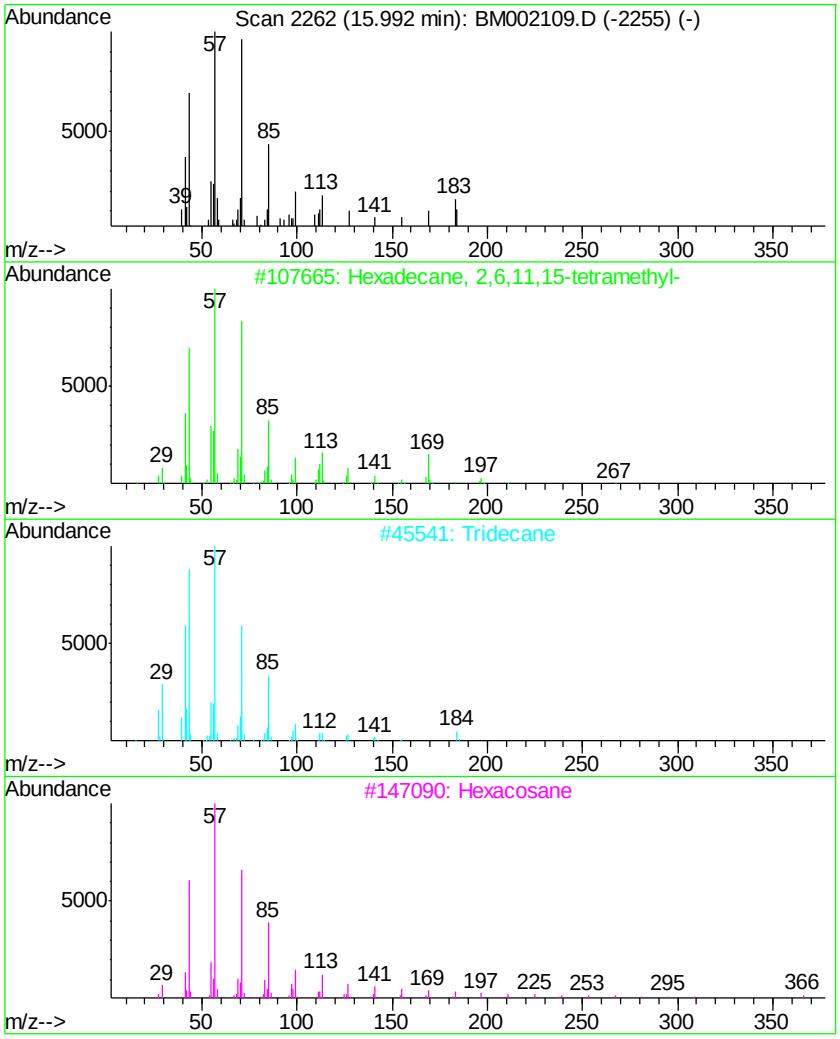
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

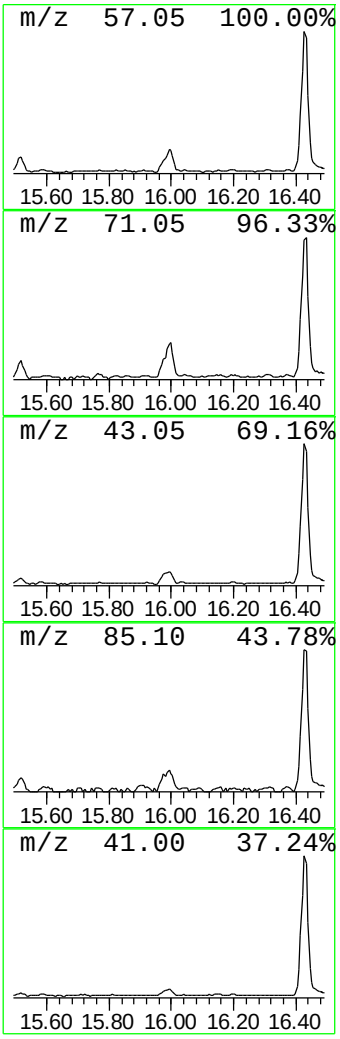
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	2.05 ng/ul	77472	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	86
2	Tridecane	184	C13H28	000629-50-5	81
3	Hexacosane	366	C26H54	000630-01-3	80
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	64
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	59





Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002109.D
Acq On : 29 Jul 2015 01:02
Operator : TP/UM
Sample : G3019-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

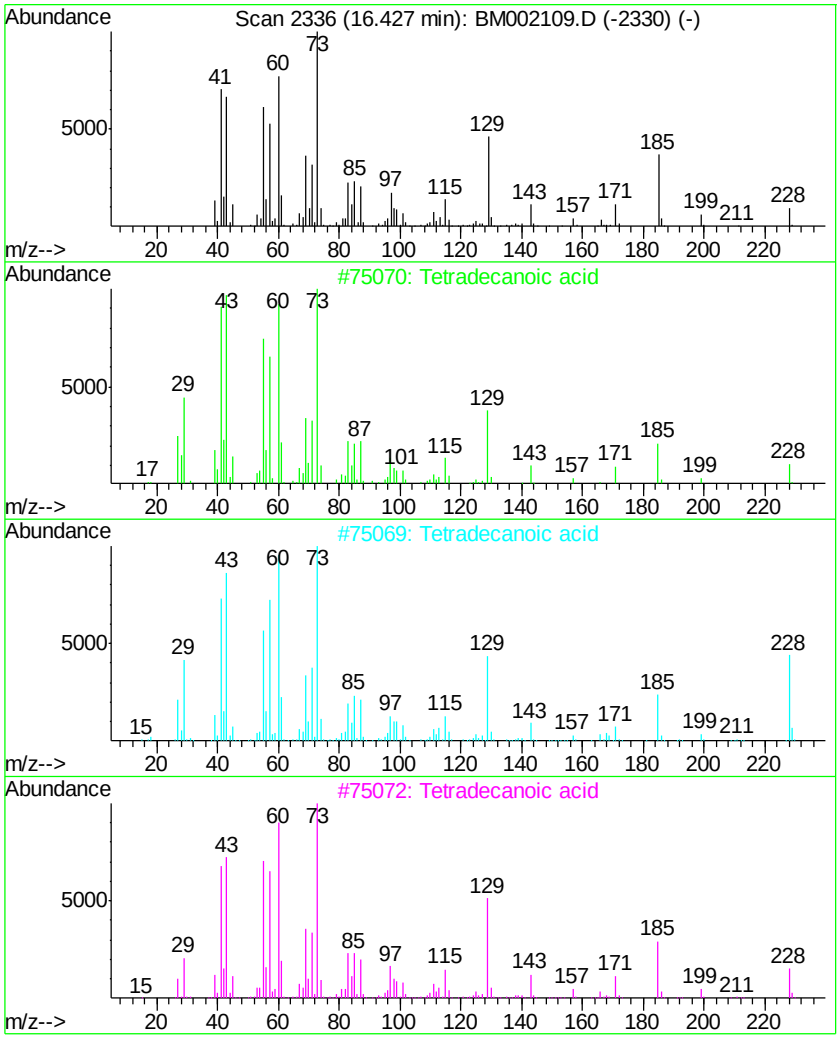
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

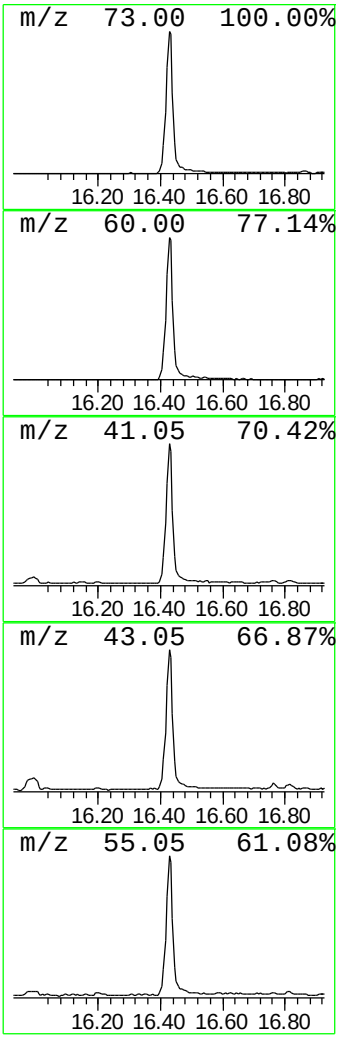
****

Peak Number 4 Tetradecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	28.28 ng/ul	1068930	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	96
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	96
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002109.D
Acq On : 29 Jul 2015 01:02
Operator : TP/UM
Sample : G3019-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

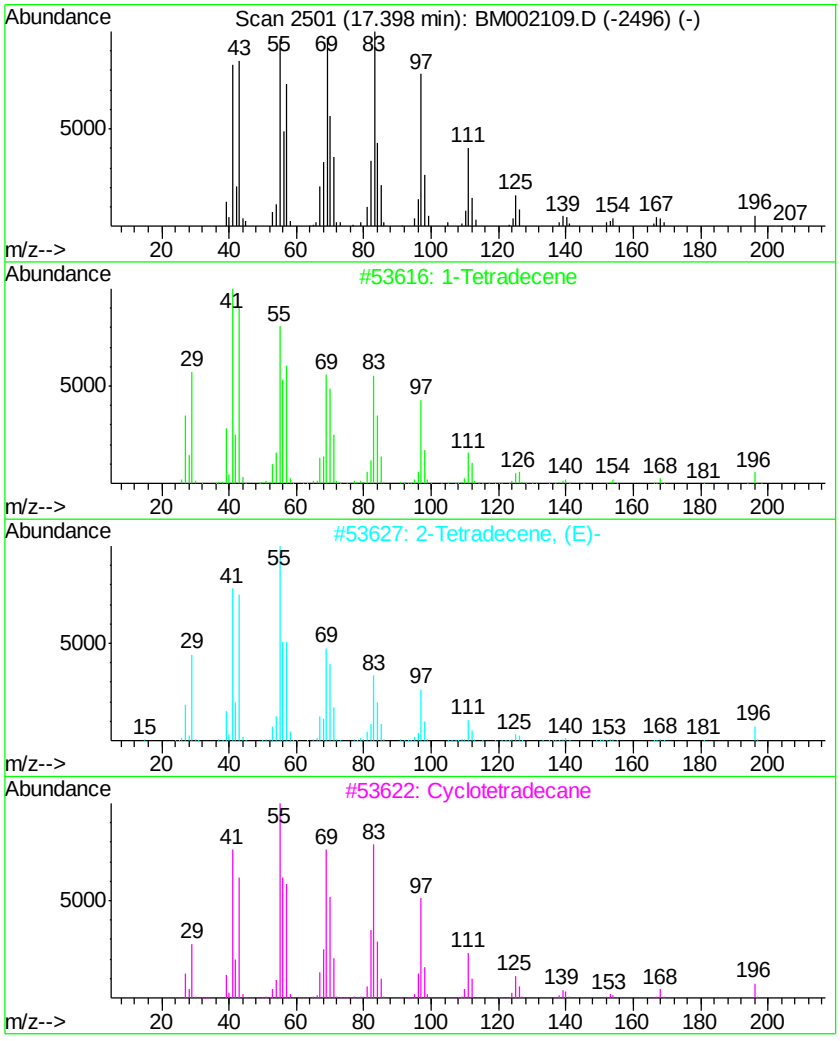
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

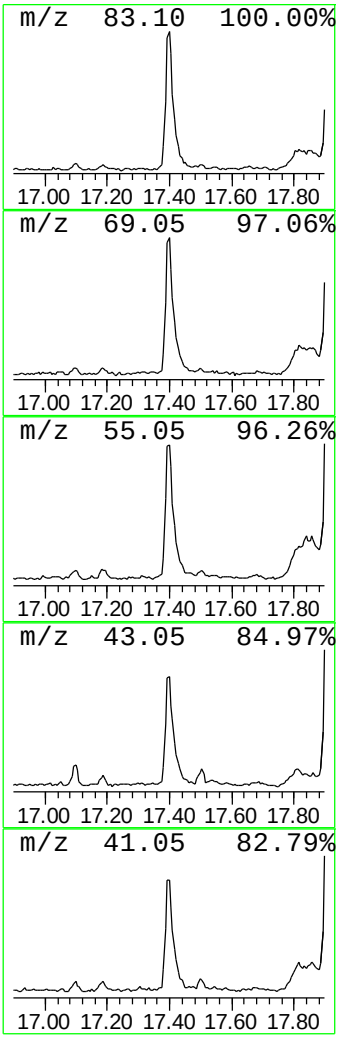
****

Peak Number 5 (DEL) Alkane: Cyclic17.40 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.40	10.13 ng/ul	382837	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetradecene	196	C14H28	001120-36-1	98
2	2-Tetradecene, (E)-	196	C14H28	035953-53-8	96
3	Cyclotetradecane	196	C14H28	000295-17-0	95
4	Chloroacetic acid, tridecyl ester	276	C15H29ClO2	018277-85-5	91
5	5-Octadecene, (E)-	252	C18H36	007206-21-5	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002109.D
Acq On : 29 Jul 2015 01:02
Operator : TP/UM
Sample : G3019-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

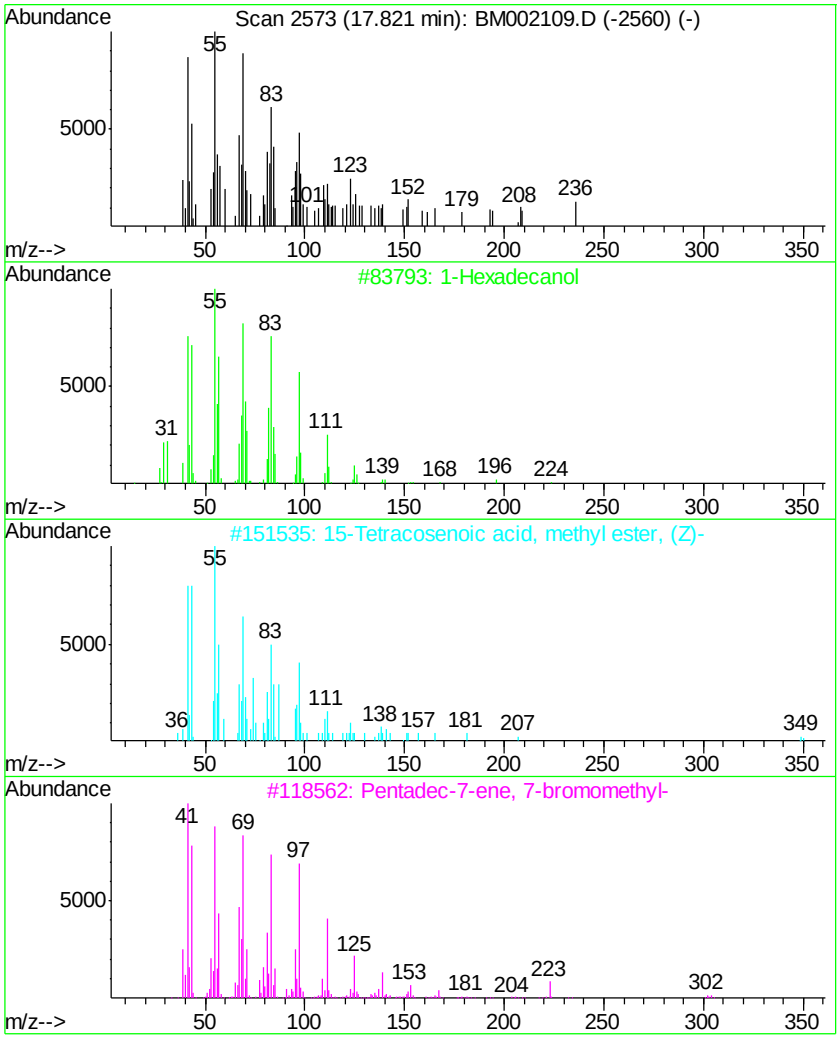
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

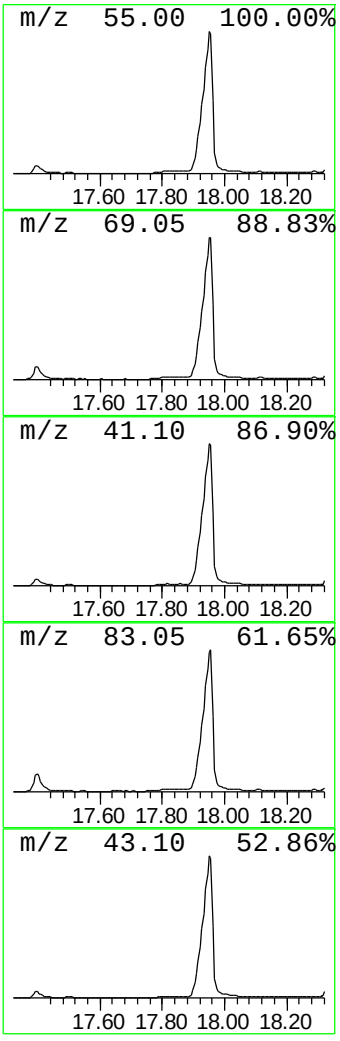
****

Peak Number 6 1-Hexadecanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	4.33 ng/ul	163794	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	64
2	15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	55
3	Pentadec-7-ene, 7-bromomethyl-	302	C16H31Br	1000259-58-5	53
4	Cyclopentane, undecyl-	224	C16H32	006785-23-5	49
5	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	49





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002109.D
Acq On : 29 Jul 2015 01:02
Operator : TP/UM
Sample : G3019-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

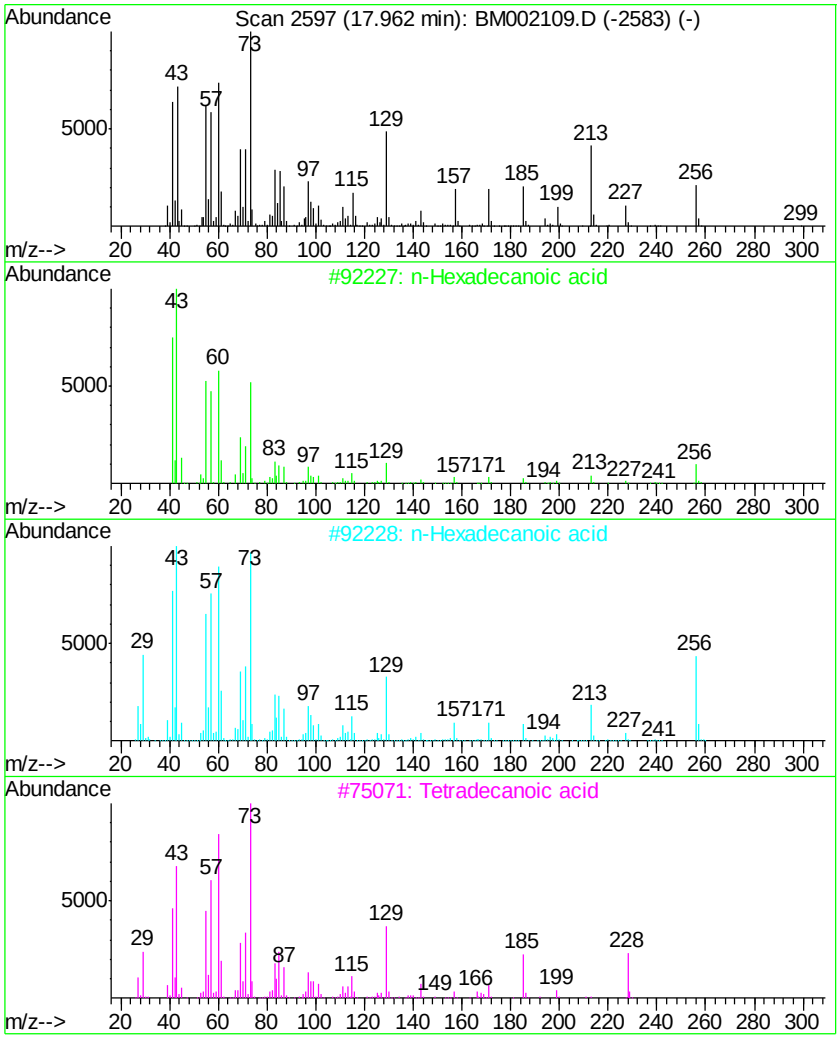
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

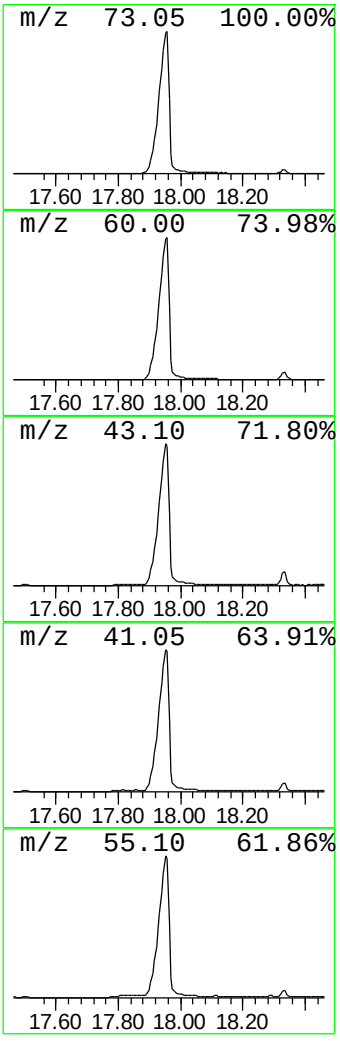
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	326.03 ng/ul	12322200	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81





Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002109.D
Acq On : 29 Jul 2015 01:02
Operator : TP/UM
Sample : G3019-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

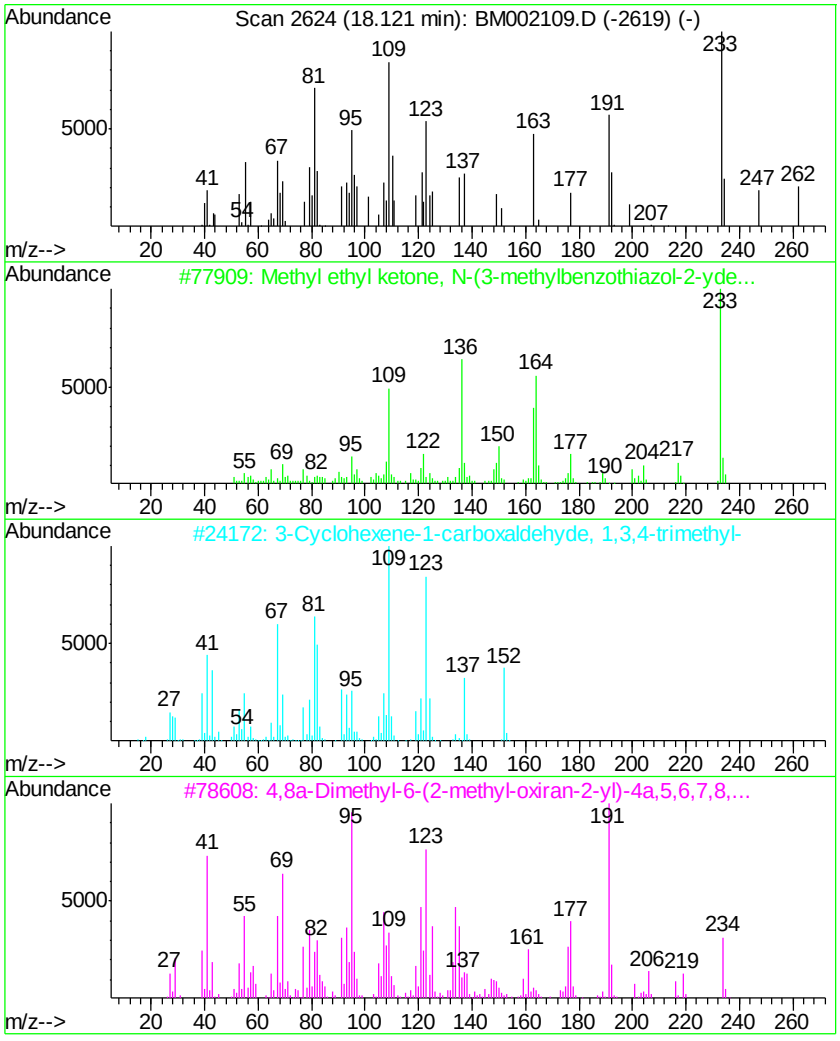
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

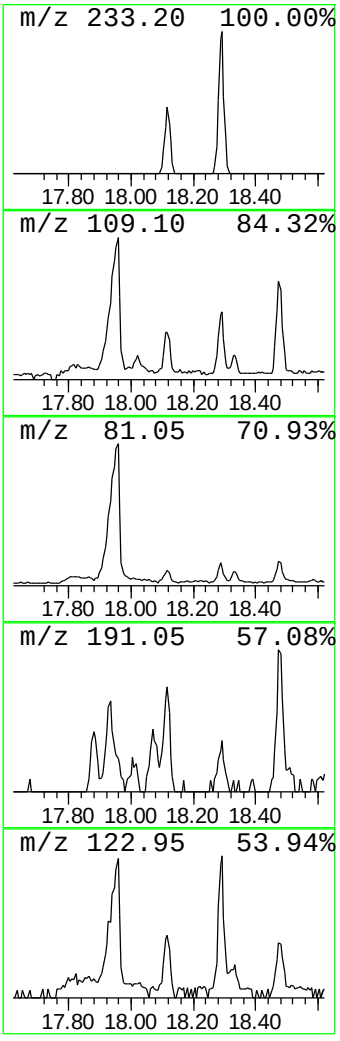
****

Peak Number 8 unknown-01 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	2.40 ng/ul	90739	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl ethyl ketone, N-(3-methyl...	233	C12H15N3S	1000292-93-2	30
2	3-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	040702-26-9	22
3	4,8a-Dimethyl-6-(2-methyl-oxiran...	234	C15H22O2	1000189-11-4	18
4	2-(4a,8-Dimethyl-6-oxo-1,2,3,4,4...	234	C15H22O2	1000190-21-8	14
5	Hexahydroindole	123	C8H13N	018159-32-5	11





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002109.D
Acq On : 29 Jul 2015 01:02
Operator : TP/UM
Sample : G3019-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

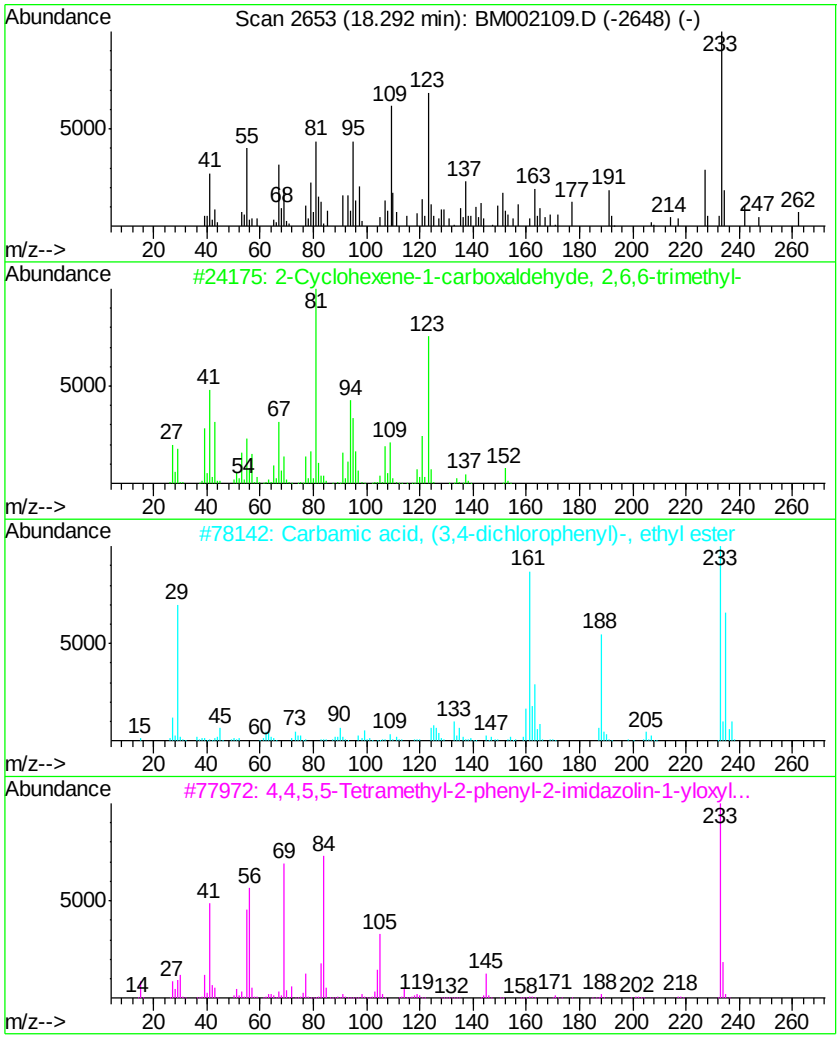
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

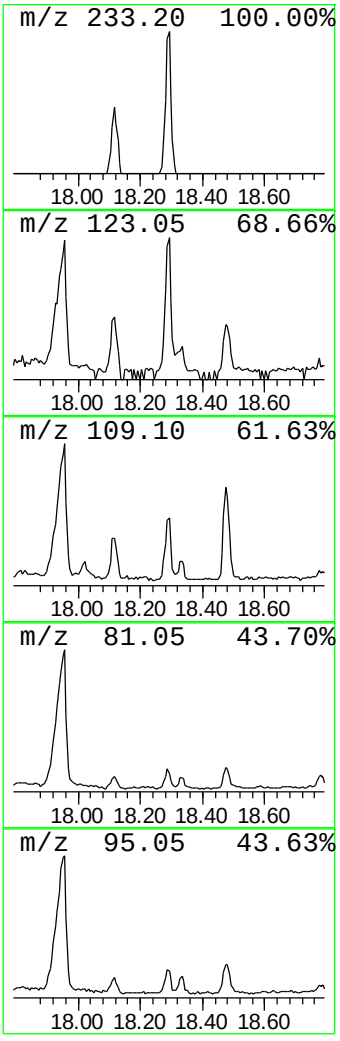
****

Peak Number 9 unknown-02 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	2.83 ng/ul	107056	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	000432-24-6	15
2	Carbamic acid, (3,4-dichlorophen...	233	C9H9Cl2NO2	007159-94-6	14
3	4,4,5,5-Tetramethyl-2-phenyl-2-i...	233	C13H17N2O2	018390-00-6	14
4	2,6-Bis(1,1-dimethylethyl)-4-(1-...	262	C17H26O2	014035-34-8	14
5	Furan-2-carboxaldehyde, 5-(3-nit...	233	C11H7NO5	073420-62-9	14





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002109.D
Acq On : 29 Jul 2015 01:02
Operator : TP/UM
Sample : G3019-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

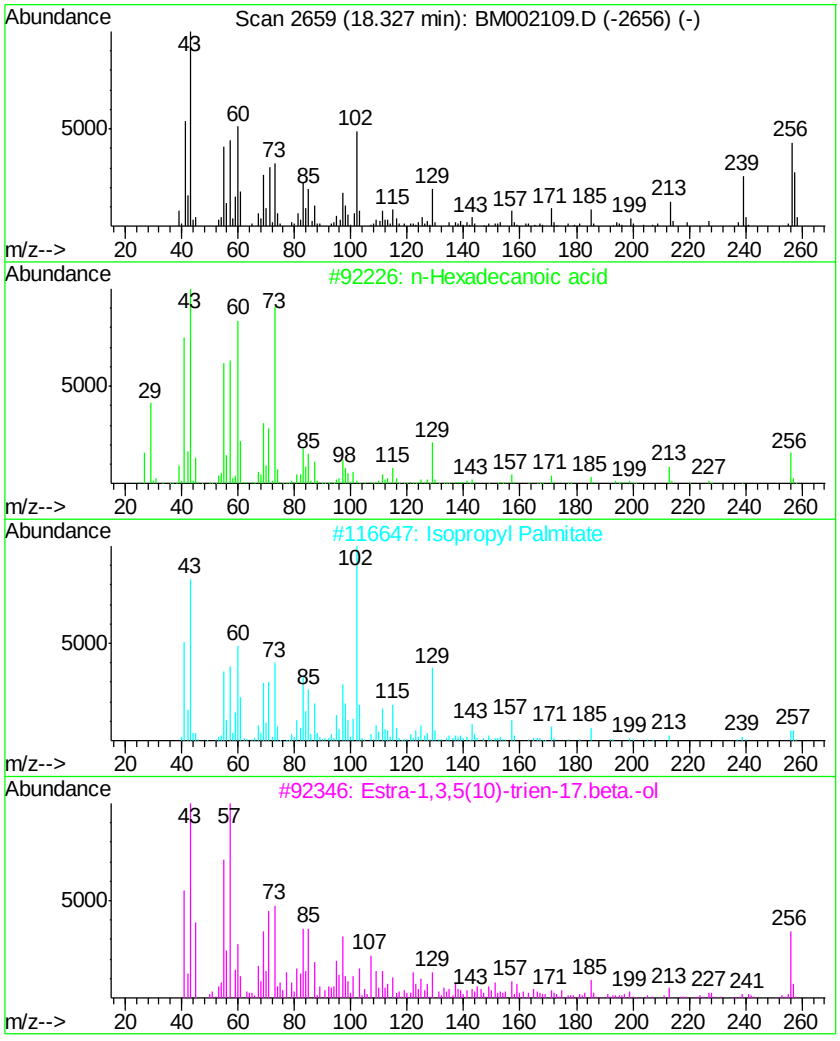
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

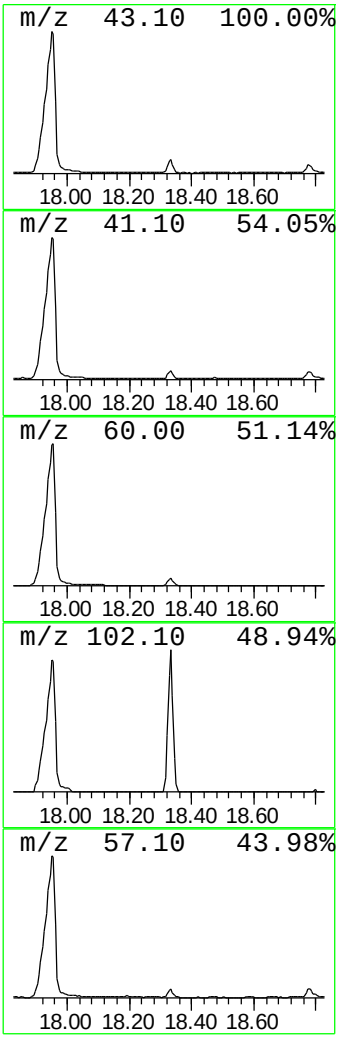
****

Peak Number 10 unknown-03 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	11.46 ng/ul	433089	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	45
2	Isopropyl Palmitate	298	C19H38O2	000142-91-6	43
3	Estra-1,3,5(10)-trien-17.beta.-ol	256	C18H24O	002529-64-8	42
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	38
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002109.D
Acq On : 29 Jul 2015 01:02
Operator : TP/UM
Sample : G3019-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

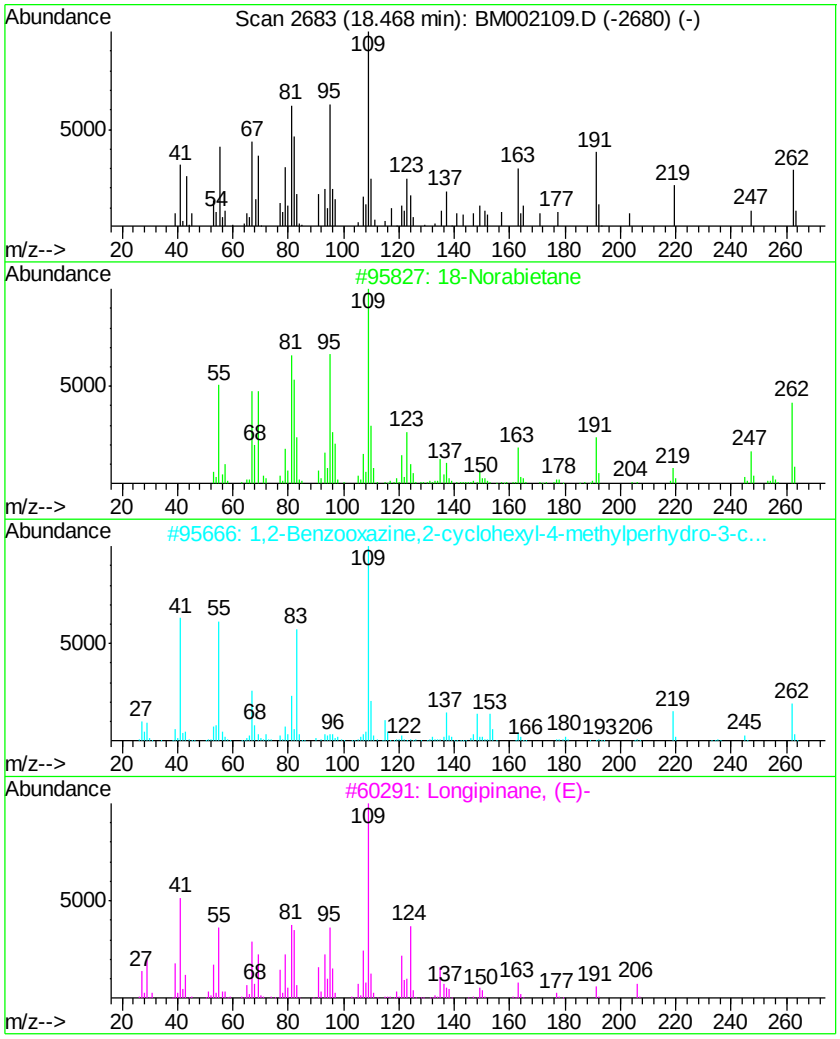
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

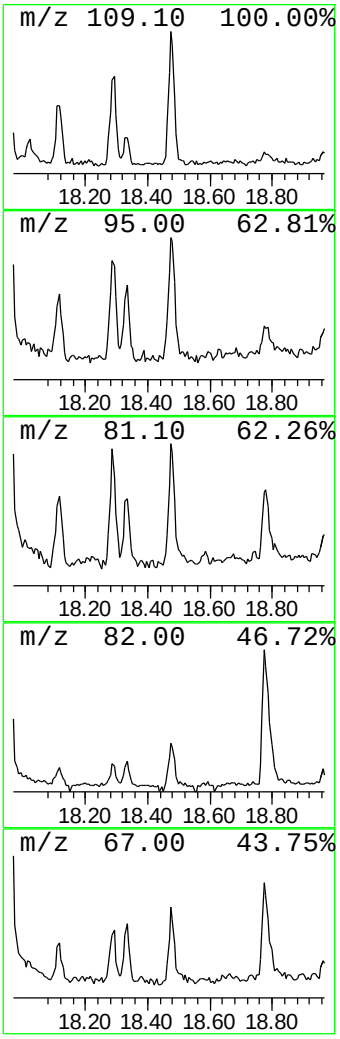
****

Peak Number 11 18-Norabietane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	3.19 ng/ul	120680	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	99
2	1,2-Benzooxazine,2-cyclohexyl-4-...	262	C16H26N2O	037898-39-8	35
3	Longipinane, (E)-	206	C15H26	1000156-14-5	35
4	E,Z-1,3,12-Nonadecatriene	262	C19H34	1000131-11-3	30
5	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	27





Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002109.D
Acq On : 29 Jul 2015 01:02
Operator : TP/UM
Sample : G3019-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

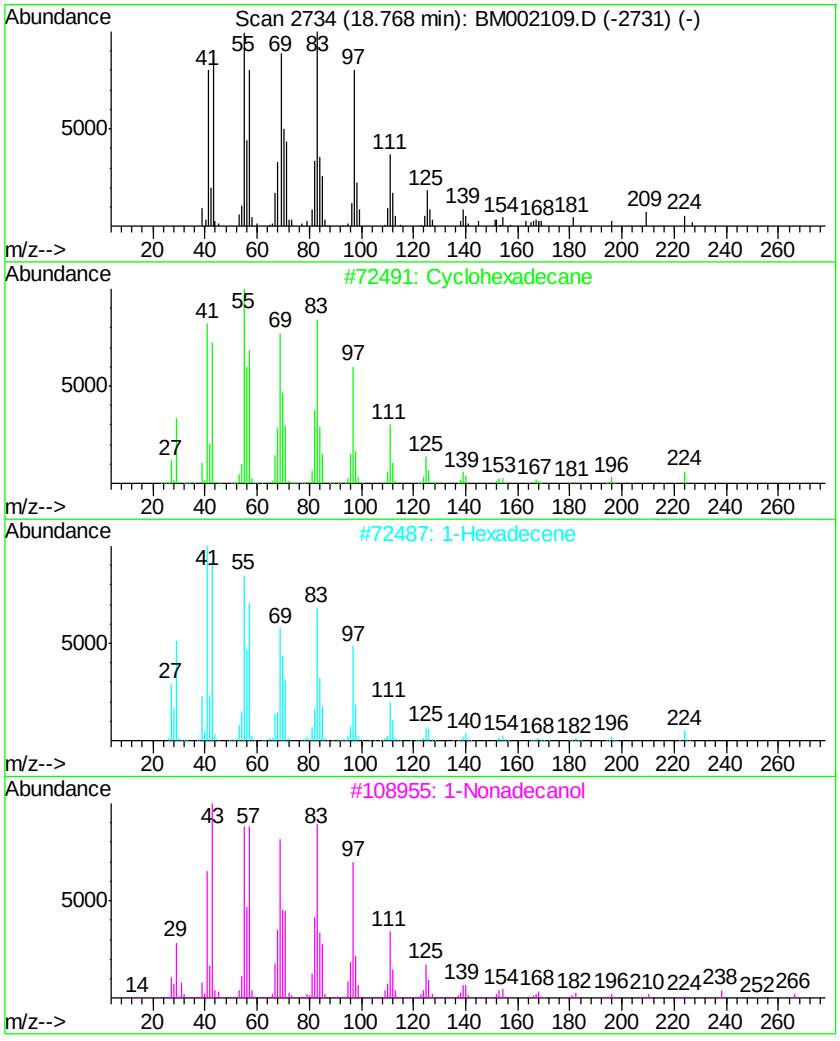
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

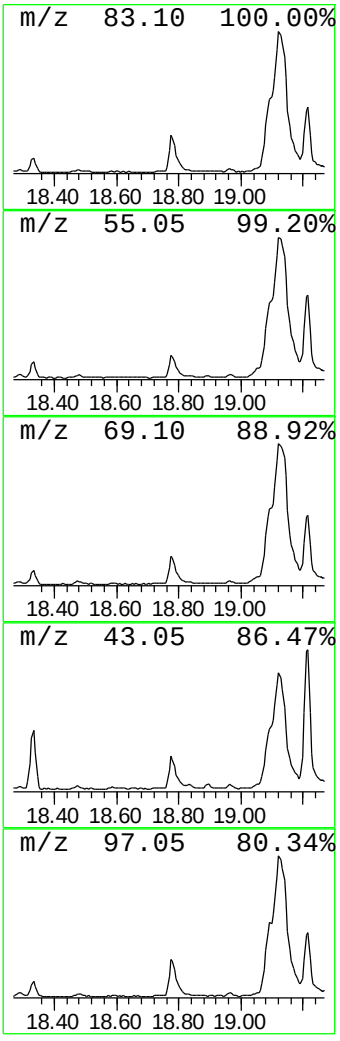
****

Peak Number 12 (DEL) Alkane: Cyclic18.77 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	14.04 ng/ul	530672	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	1-Hexadecene	224	C16H32	000629-73-2	96
3	1-Nonadecanol	284	C19H40O	001454-84-8	95
4	1-Hexadecene	224	C16H32	000629-73-2	95
5	1-Octadecanol	270	C18H38O	000112-92-5	94





Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002109.D
Acq On : 29 Jul 2015 01:02
Operator : TP/UM
Sample : G3019-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

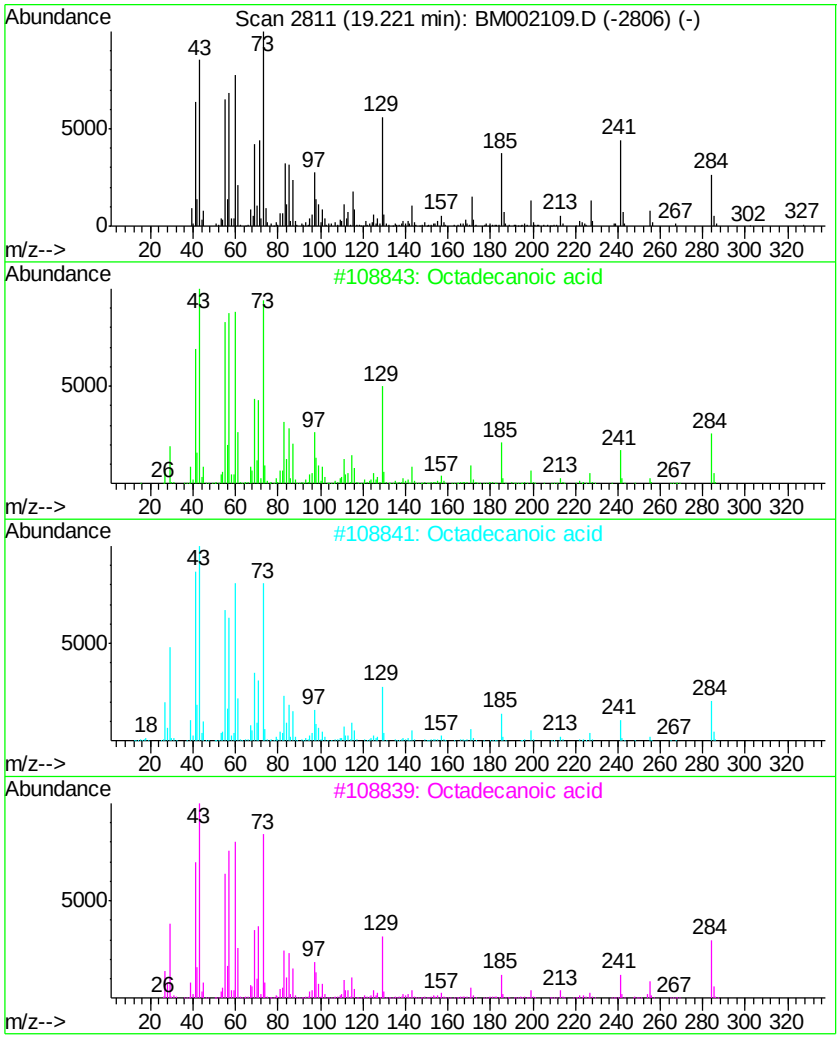
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

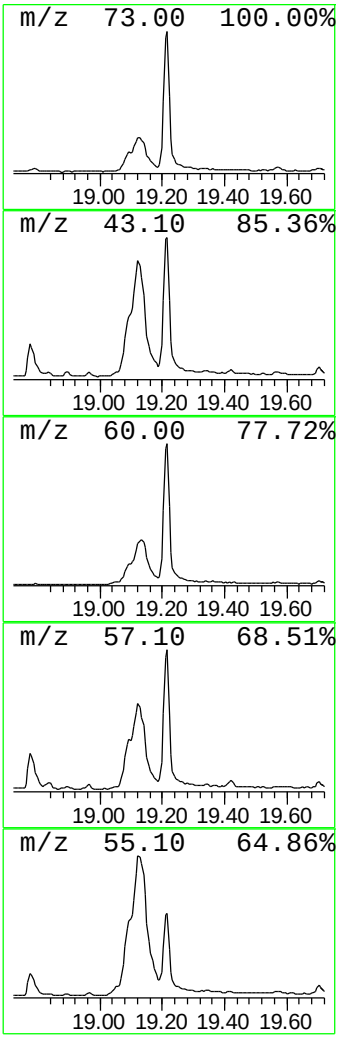
****

Peak Number 13 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	40.25 ng/ul	2009270	Chrysene-d12	21.20

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	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	94
4	Octadecanoic acid	284	C18H36O2	000057-11-4	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	89





Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002109.D
Acq On : 29 Jul 2015 01:02
Operator : TP/UM
Sample : G3019-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

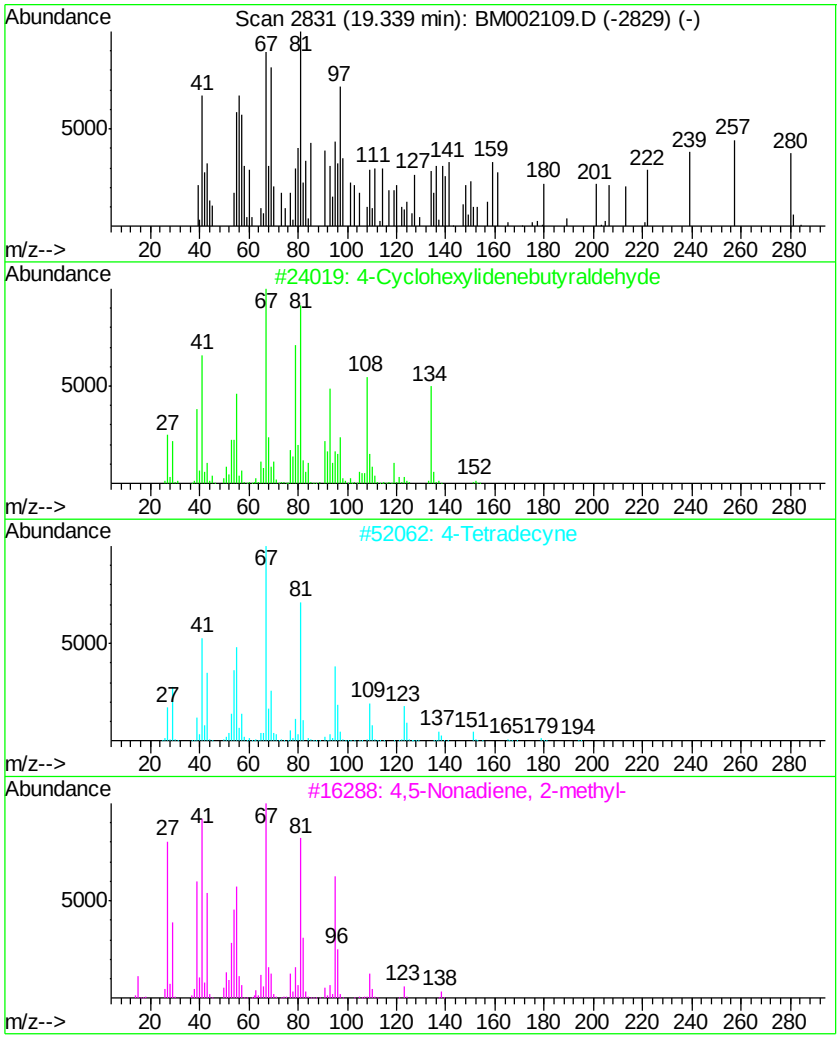
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

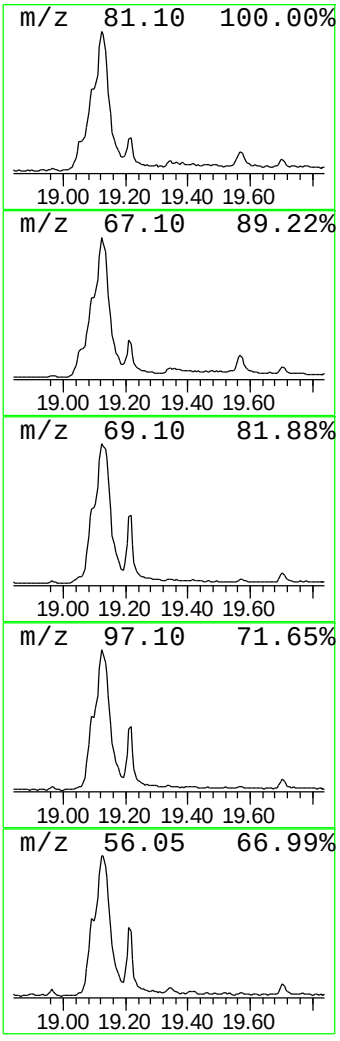
****

Peak Number 14 unknown-04 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	2.04 ng/ul	101730	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Cyclohexylidenebutyraldehyde	152	C10H16O	000937-59-7	35
2	4-Tetradecyne	194	C14H26	060212-33-1	32
3	4,5-Nonadiene, 2-methyl-	138	C10H18	055956-32-6	32
4	Cyclopentaneethanol, 2-(hydroxym...	172	C10H20O2	000485-42-7	27
5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	25





Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002109.D
Acq On : 29 Jul 2015 01:02
Operator : TP/UM
Sample : G3019-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

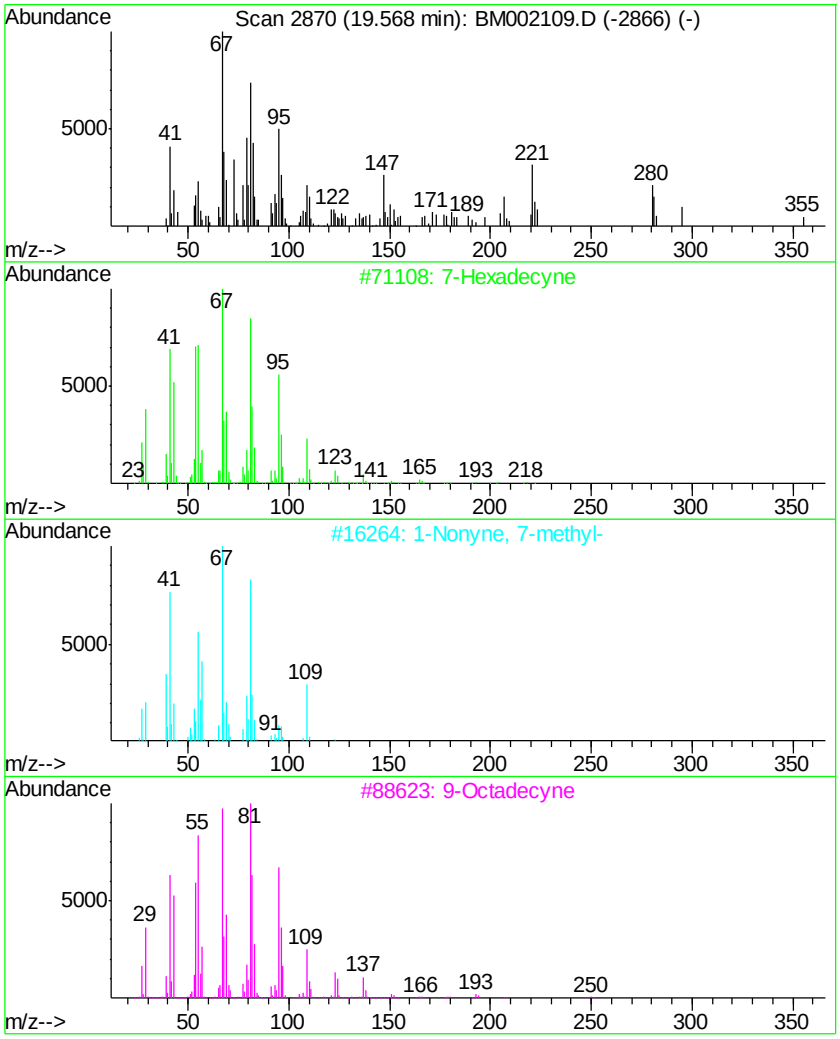
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

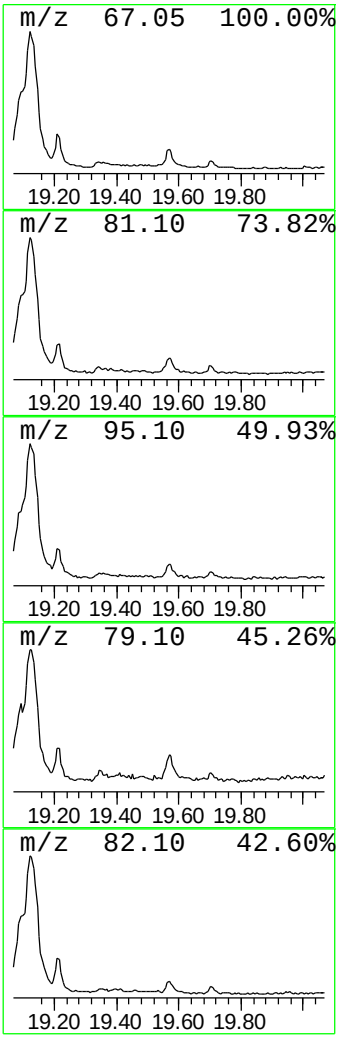
****

Peak Number 15 7-Hexadecyne Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.57	3.49 ng/ul	174241	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Hexadecyne	222	C16H30	074685-28-2	62
2	1-Nonyne, 7-methyl-	138	C10H18	071566-65-9	47
3	9-Octadecyne	250	C18H34	035365-59-4	43
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	38
5	1,E-11,Z-13-Octadecatriene	248	C18H32	080625-36-1	30





Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002109.D
Acq On : 29 Jul 2015 01:02
Operator : TP/UM
Sample : G3019-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

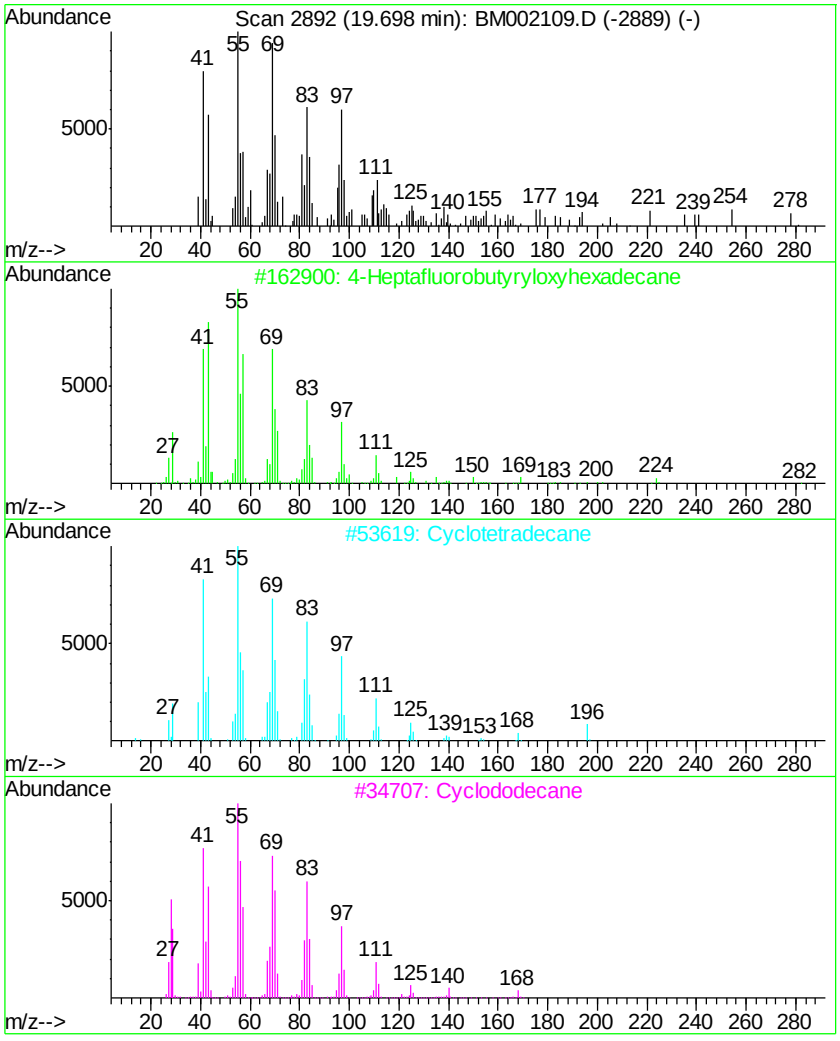
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

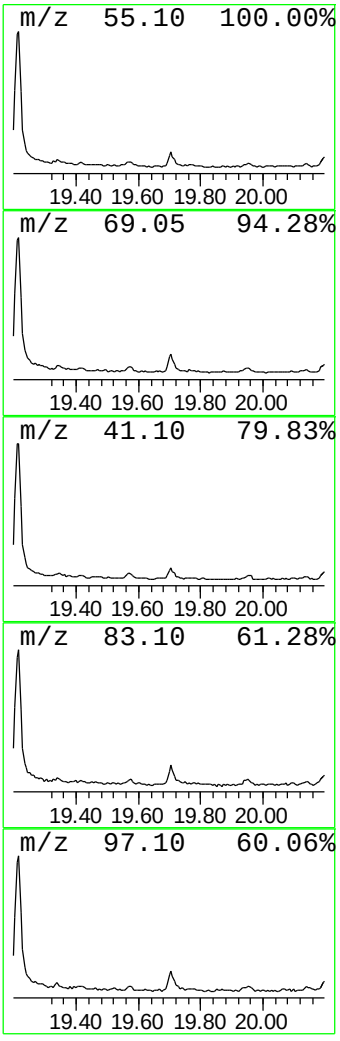
****

Peak Number 16 4-Heptafluorobutyryloxyhexa... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	2.63 ng/ul	131443	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	72
2	Cyclotetradecane	196	C14H28	000295-17-0	72
3	Cyclododecane	168	C12H24	000294-62-2	70
4	Cyclopropane, 1-butyl-1-methyl-2...	154	C11H22	041977-34-8	58
5	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	53





Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002109.D
Acq On : 29 Jul 2015 01:02
Operator : TP/UM
Sample : G3019-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

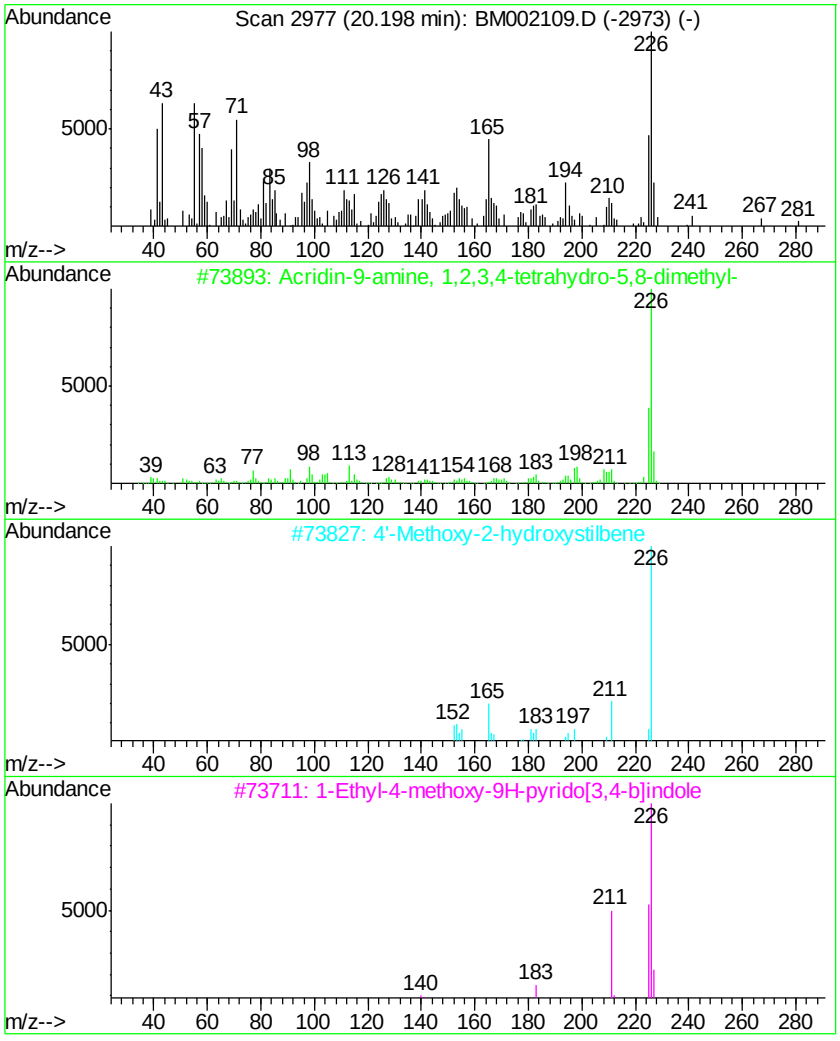
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

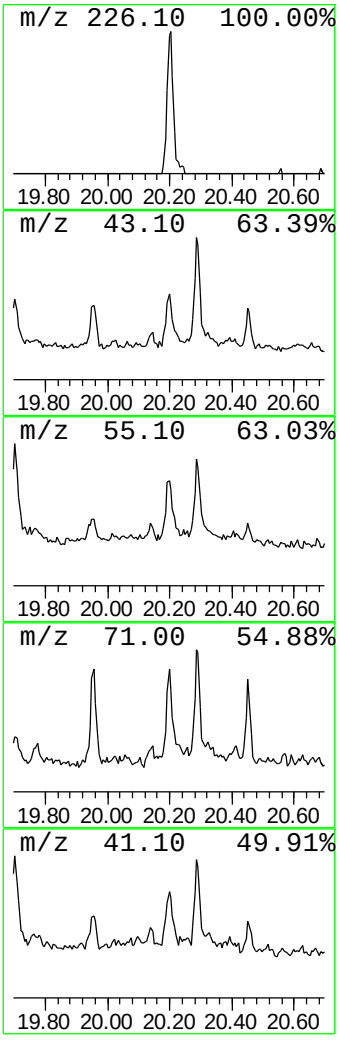
****

Peak Number 17 Acridin-9-amine, 1,2,3,4-te... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.20	3.55 ng/ul	177159	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	297758-19-1	55
2	4'-Methoxy-2-hydroxystilbene	226	C15H14O2	1000147-93-1	49
3	1-Ethyl-4-methoxy-9H-pyrido[3,4-...	226	C14H14N2O	026585-14-8	43
4	Benzenamine, 4,4'-methylenebis[2...	226	C15H18N2	000838-88-0	43
5	Benzenamine, 4,4'-methylenebis[2...	226	C15H18N2	000838-88-0	43





Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002109.D
Acq On : 29 Jul 2015 01:02
Operator : TP/UM
Sample : G3019-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

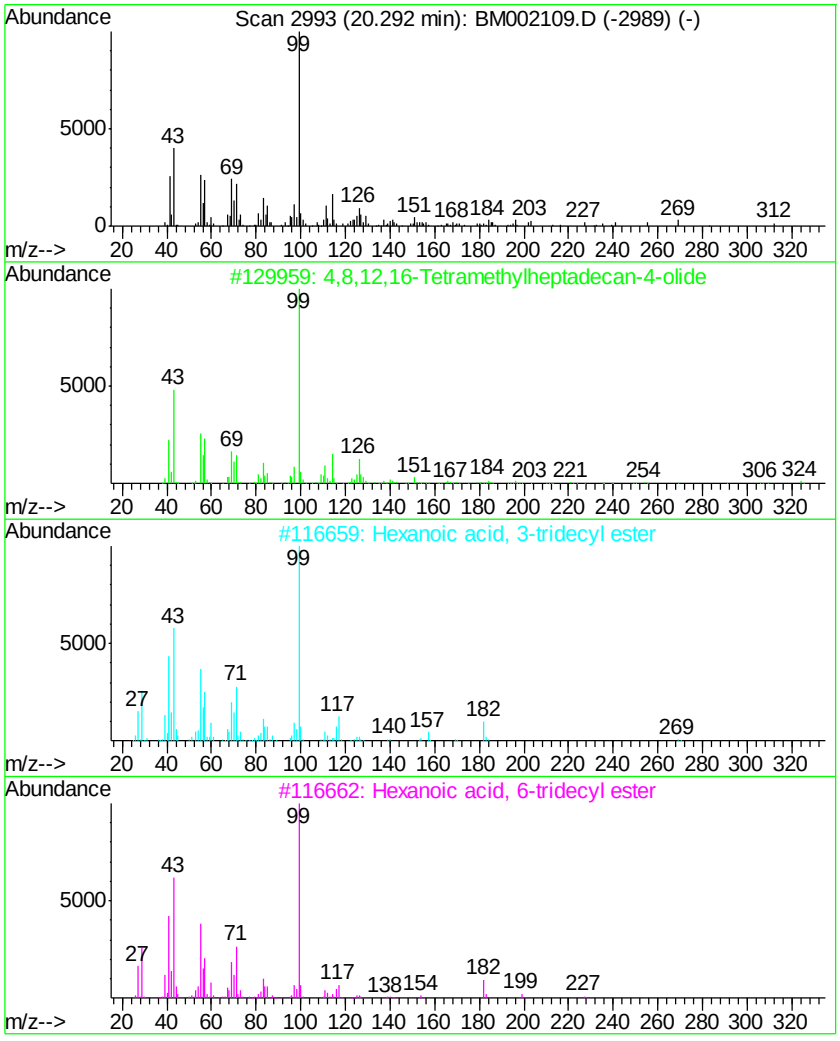
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

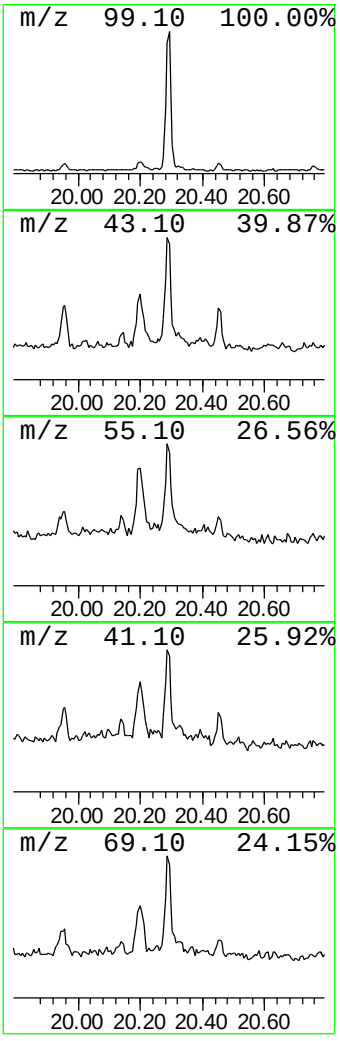
****

Peak Number 18 4,8,12,16-Tetramethylheptad... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.29	2.85 ng/ul	142317	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,8,12,16-Tetramethylheptadecan-...	324	C21H40O2	096168-15-9	83
2	Hexanoic acid, 3-tridecyl ester	298	C19H38O2	1000279-29-2	64
3	Hexanoic acid, 6-tridecyl ester	298	C19H38O2	1000279-29-5	53
4	Hexanoic acid, 4-tridecyl ester	298	C19H38O2	1000279-29-3	53
5	Hexanoic acid, 5-tridecyl ester	298	C19H38O2	1000279-29-4	53





Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002109.D
Acq On : 29 Jul 2015 01:02
Operator : TP/UM
Sample : G3019-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

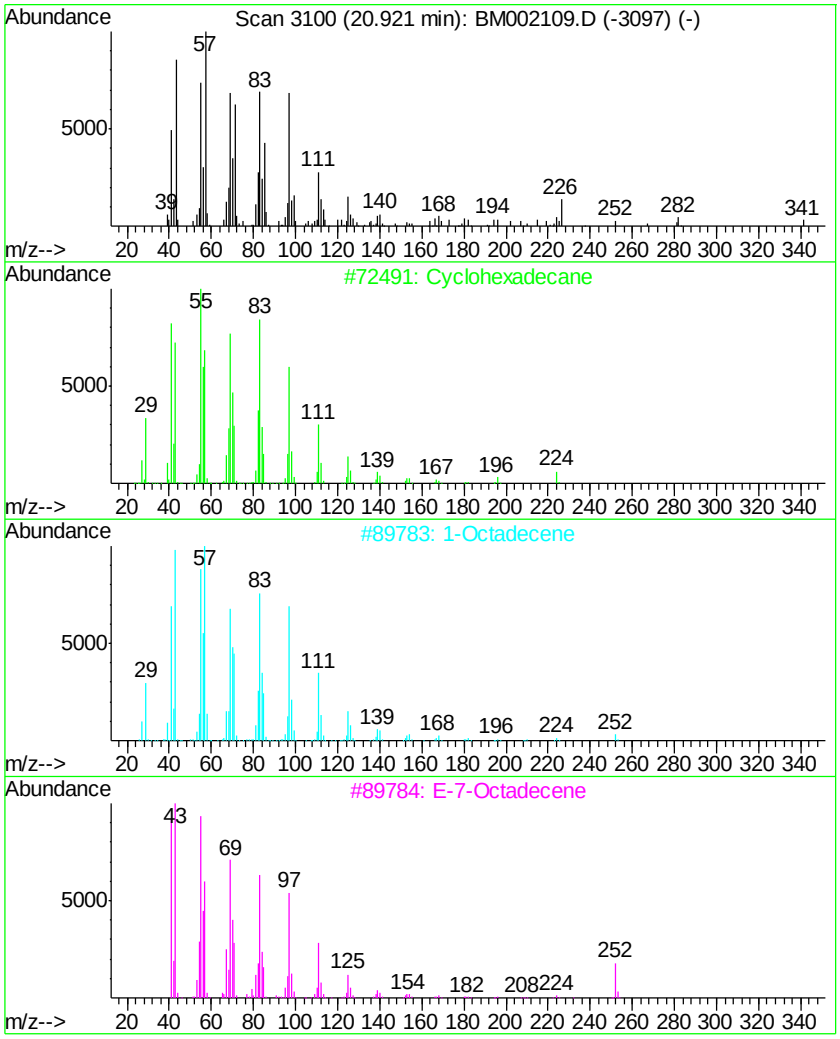
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

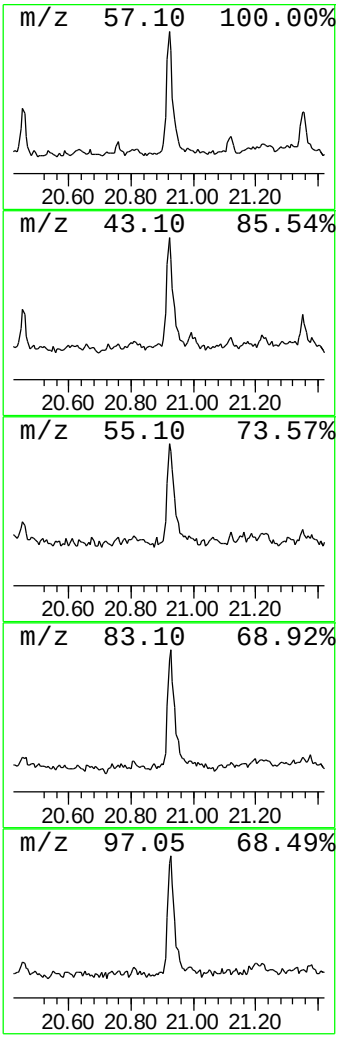
****

Peak Number 19 (DEL) Alkane: Cyclic20.92 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	3.97 ng/ul	198260	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	1-Octadecene	252	C18H36	000112-88-9	96
3	E-7-Octadecene	252	C18H36	1000130-92-0	91
4	Cyclopentadecane	210	C15H30	000295-48-7	87
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87





Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002109.D
Acq On : 29 Jul 2015 01:02
Operator : TP/UM
Sample : G3019-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

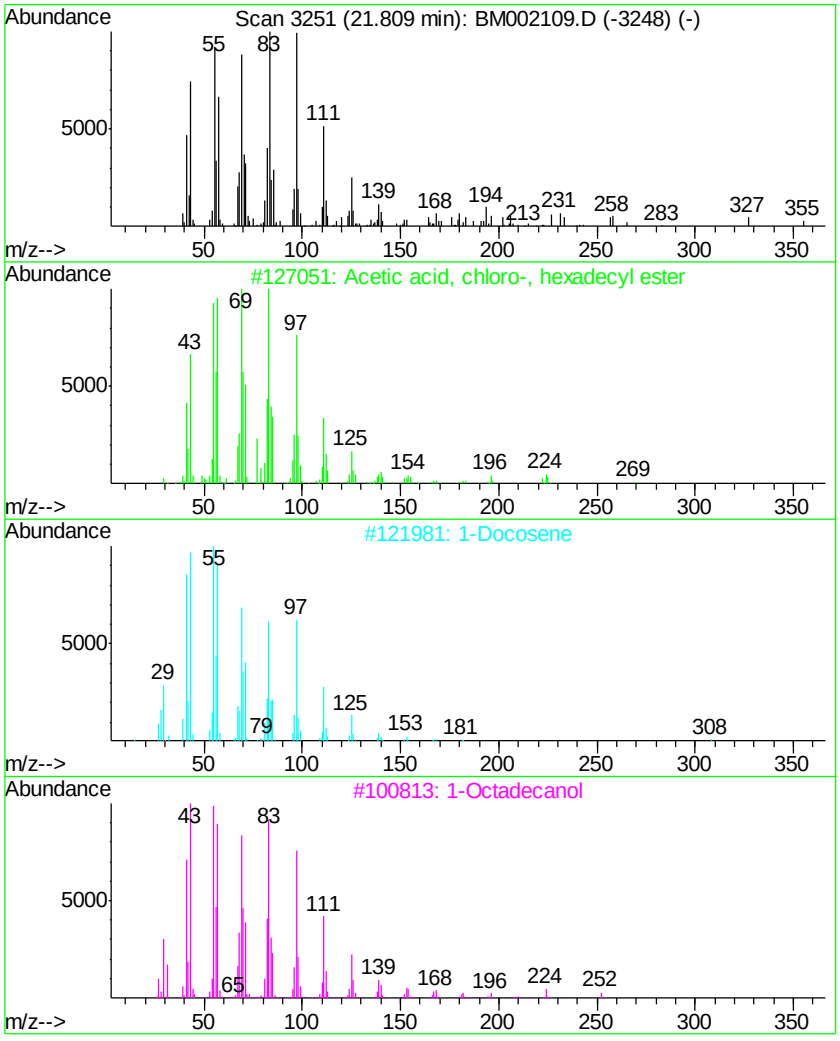
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

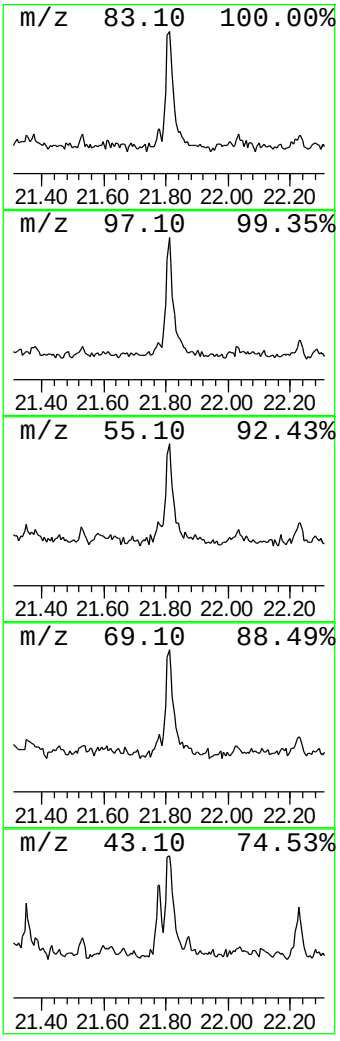
****

Peak Number 20 Acetic acid, chloro-, hexad... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.81	3.18 ng/ul	158742	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	70
2	1-Docosene	308	C22H44	001599-67-3	64
3	1-Octadecanol	270	C18H38O	000112-92-5	58
4	Cycloeicosane	280	C20H40	000296-56-0	58
5	1-Hexadecanol	242	C16H34O	036653-82-4	53





Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002109.D
Acq On : 29 Jul 2015 01:02
Operator : TP/UM
Sample : G3019-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

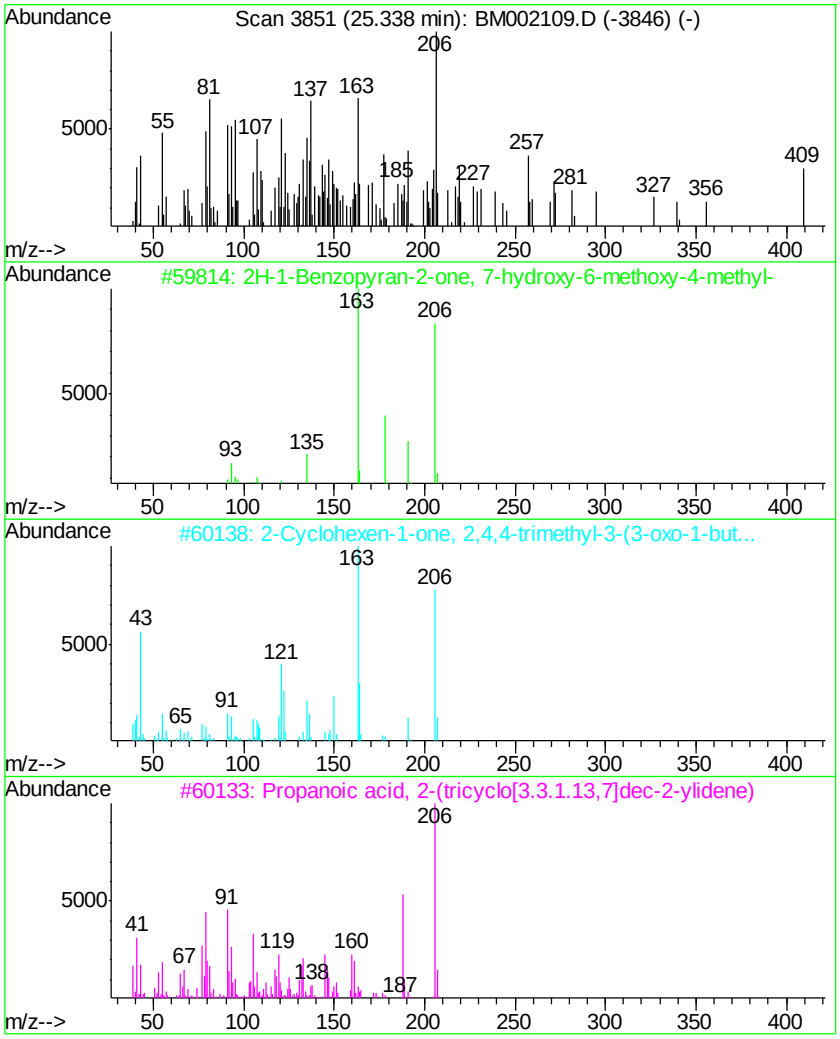
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

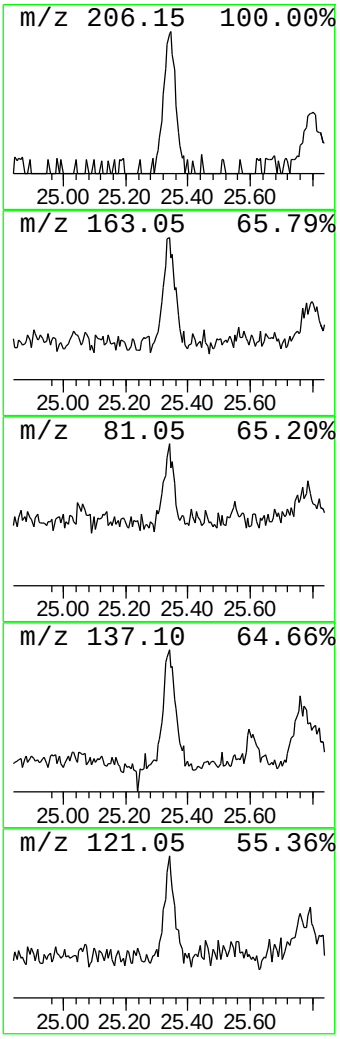
****

Peak Number 21 unknown-05 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.34	3.92 ng/ul	193855	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-1-Benzopyran-2-one, 7-hydroxy...	206	C11H10O4	003374-03-6	49
2	2-Cyclohexen-1-one, 2,4,4-trimet...	206	C13H18O2	027185-77-9	46
3	Propanoic acid, 2-(tricyclo[3.3....	206	C13H18O2	126255-67-2	41
4	Urea, N,N-dimethyl-N'-[4-(1-meth...	206	C12H18N2O	034123-59-6	30
5	2-Acetyldecahydroisoquinoline-3-...	206	C12H18N2O	1000195-31-2	25





Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002109.D
Acq On : 29 Jul 2015 01:02
Operator : TP/UM
Sample : G3019-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

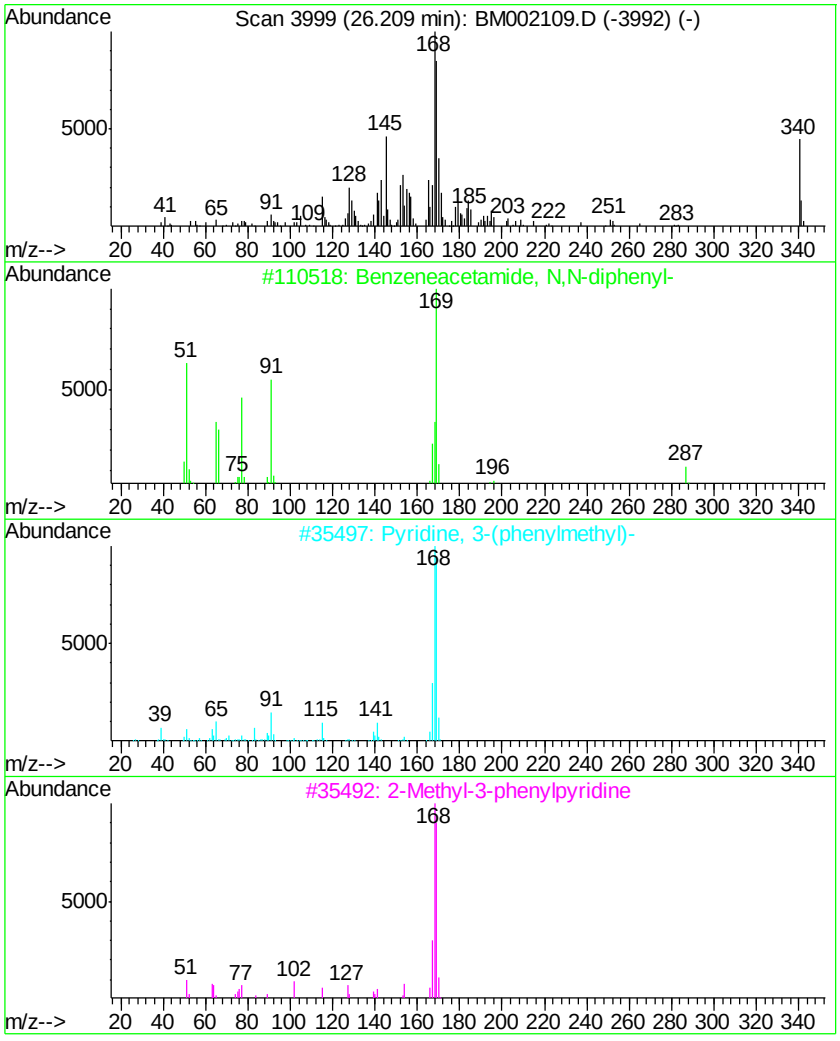
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

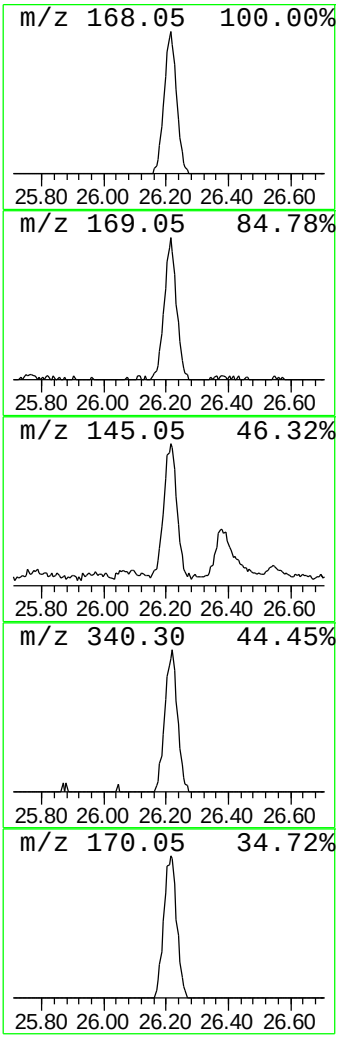
****

Peak Number 22 unknown-06 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.21	7.50 ng/ul	371266	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetamide, N,N-diphenyl-	287	C20H17NO	033675-70-6	47
2	Pyridine, 3-(phenylmethyl)-	169	C12H11N	000620-95-1	43
3	2-Methyl-3-phenylpyridine	169	C12H11N	003256-89-1	43
4	Pyridine, 3-(phenylmethyl)-	169	C12H11N	000620-95-1	38
5	1,2-Dihydro-5-acenaphthylenamine	169	C12H11N	004657-93-6	38





Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002109.D
Acq On : 29 Jul 2015 01:02
Operator : TP/UM
Sample : G3019-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

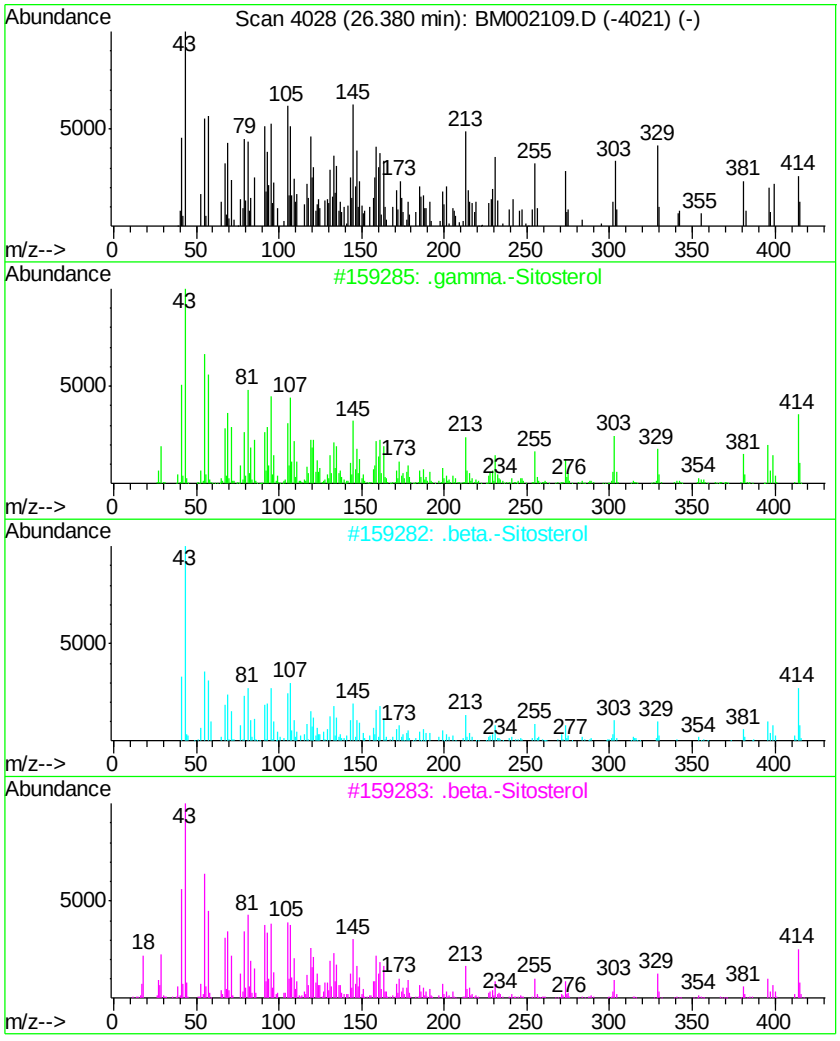
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

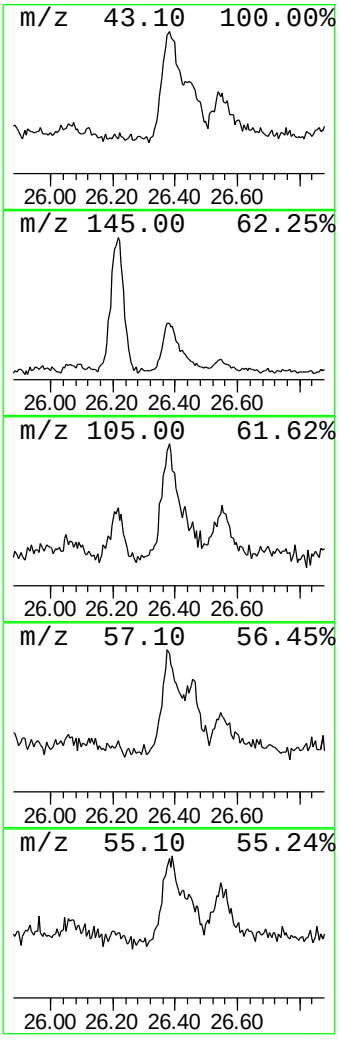
****

Peak Number 23 .gamma.-Sitosterol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.38	10.30 ng/ul	509384	Perylene-d12	23.40

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	97
3	.beta.-Sitosterol	414	C29H50O	000083-46-5	87
4	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	25
5	22,26-Oxido-4,17-cholestadien-3....	414	C27H42O3	1000252-80-4	11





Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002109.D
Acq On : 29 Jul 2015 01:02
Operator : TP/UM
Sample : G3019-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

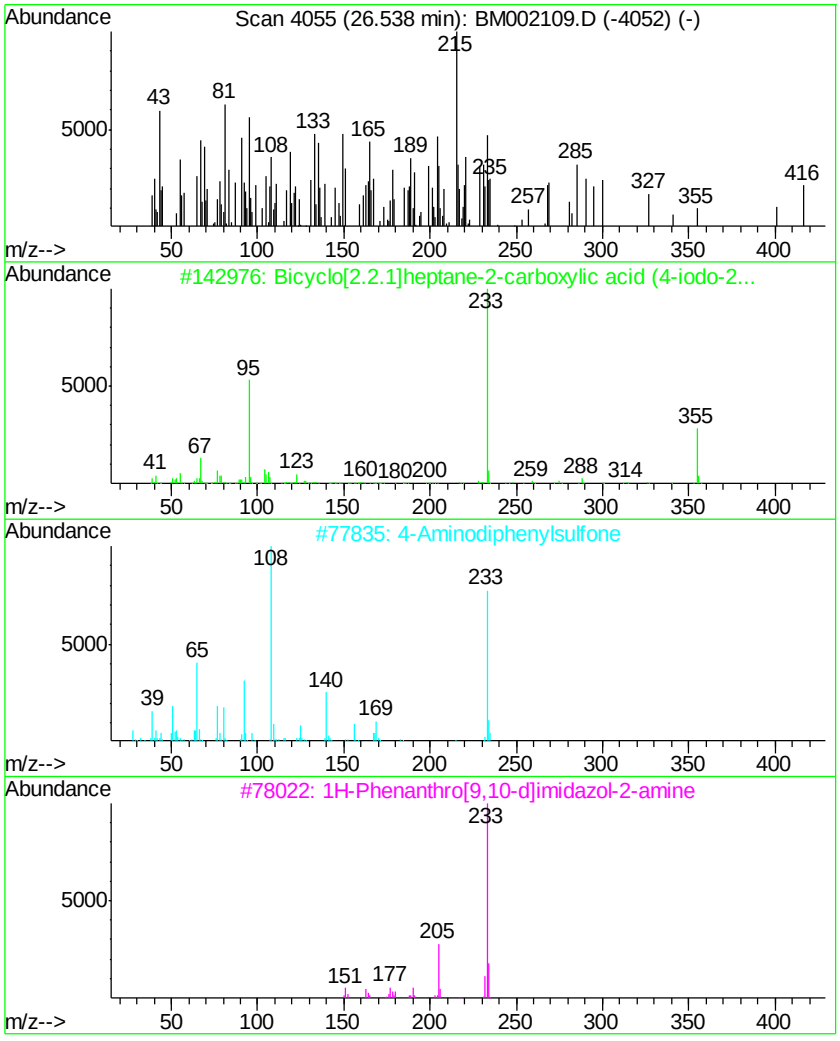
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

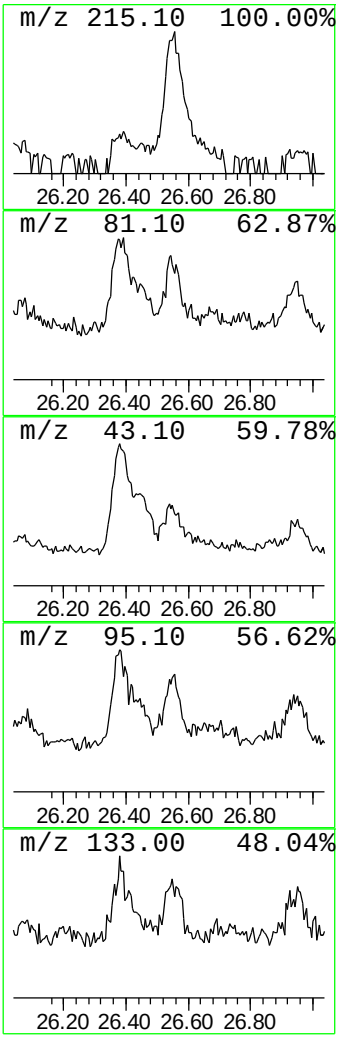
****

Peak Number 24 unknown-07 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.54	4.12 ng/ul	203809	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane-2-carboxyl...	355	C15H18INO	1000275-62-1	14
2	4-Aminodiphenylsulfone	233	C12H11NO2S	007019-01-4	11
3	1H-Phenanthro[9,10-d]imidazol-2-...	233	C15H11N3	037052-13-4	10
4	1-Triisopropylsilyloxyhexane	258	C15H34OSi	145790-64-3	10
5	Hydroxydetomidine di-methyl deri...	230	C14H18N2O	1000137-08-2	10





Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002109.D
Acq On : 29 Jul 2015 01:02
Operator : TP/UM
Sample : G3019-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

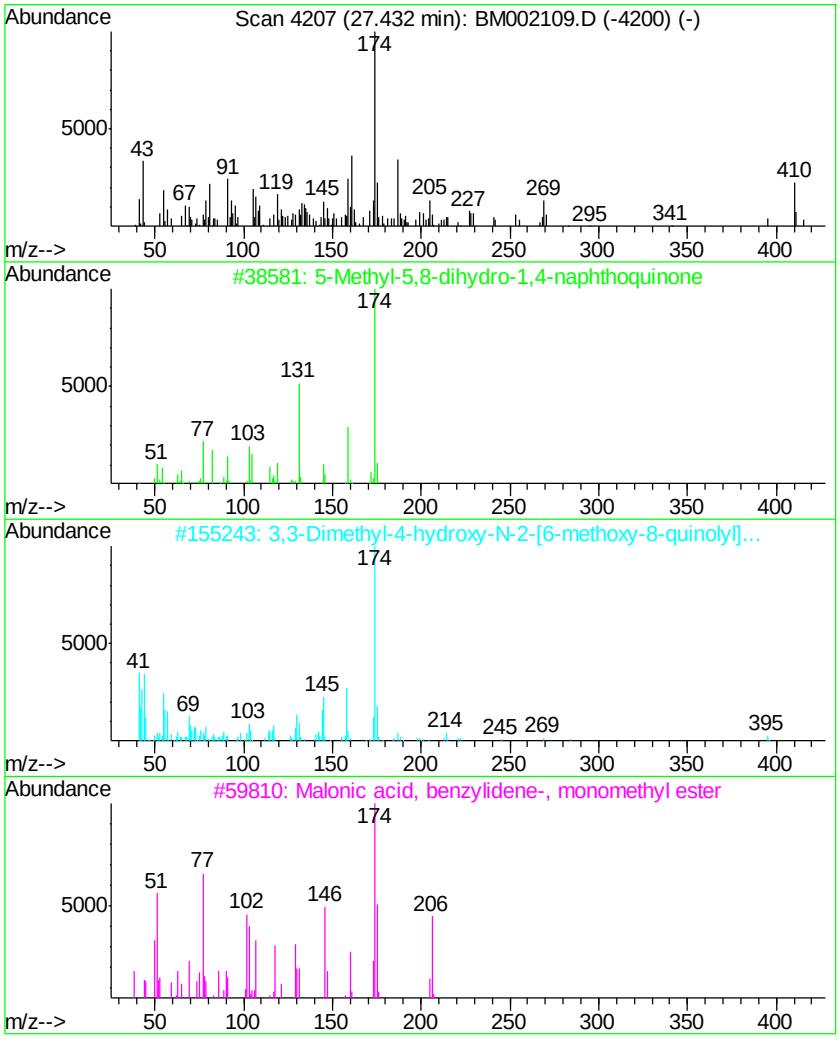
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

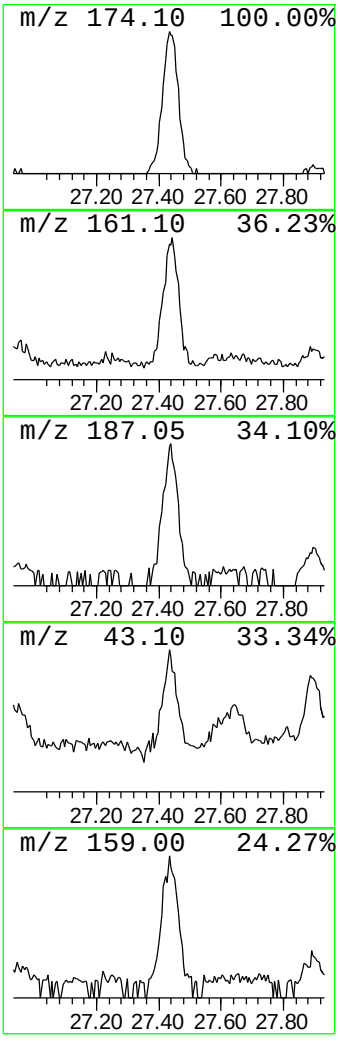
****

Peak Number 25 unknown-08 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.43	6.45 ng/ul	319175	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Methyl-5,8-dihydro-1,4-naphtho...	174	C11H10O2	086759-40-2	43
2	3,3-Dimethyl-4-hydroxy-N-2-[6-me...	395	C18H25N3O5S	033406-86-9	43
3	Malonic acid, benzylidene-, mono...	206	C11H10O4	022621-53-0	42
4	Propanamide, 2-(1,3-dihydro-1,3-...	308	C18H16N2O3	313666-71-6	35
5	s-Indacen-4-ol, 1,2,3,5,6,7-hexa...	216	C14H16O2	063089-53-2	32





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072815\
Data File : BM002109.D
Acq On : 29 Jul 2015 01:02
Operator : TP/UM
Sample : G3019-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.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
Hexanoic acid	6.63	3.5	ng/ul	58278	1	7.59	331440	20.0
Dodecanoic acid	14.69	2.5	ng/ul	76165	3	14.26	622592	20.0
(DEL) Alkane: Str...	15.99	2.0	ng/ul	77472	4	17.00	755892	20.0
Tetradecanoic acid	16.43	28.3	ng/ul	1068930	4	17.00	755892	20.0
(DEL) Alkane: Cyc...	17.40	10.1	ng/ul	382837	4	17.00	755892	20.0
1-Hexadecanol	17.82	4.3	ng/ul	163794	4	17.00	755892	20.0
n-Hexadecanoic acid	17.96	326.0	ng/ul	12322200	4	17.00	755892	20.0
unknown-01	18.12	2.4	ng/ul	90739	4	17.00	755892	20.0
unknown-02	18.29	2.8	ng/ul	107056	4	17.00	755892	20.0
unknown-03	18.33	11.5	ng/ul	433089	4	17.00	755892	20.0
18-Norabietane	18.47	3.2	ng/ul	120680	4	17.00	755892	20.0
(DEL) Alkane: Cyc...	18.77	14.0	ng/ul	530672	4	17.00	755892	20.0
Octadecanoic acid	19.22	40.3	ng/ul	2009270	5	21.20	998309	20.0
unknown-04	19.34	2.0	ng/ul	101730	5	21.20	998309	20.0
7-Hexadecyne	19.57	3.5	ng/ul	174241	5	21.20	998309	20.0
4-Heptafluorobuty...	19.70	2.6	ng/ul	131443	5	21.20	998309	20.0
Acridin-9-amine, ...	20.20	3.5	ng/ul	177159	5	21.20	998309	20.0
4,8,12,16-Tetrame...	20.29	2.9	ng/ul	142317	5	21.20	998309	20.0
(DEL) Alkane: Cyc...	20.92	4.0	ng/ul	198260	5	21.20	998309	20.0
Acetic acid, chlo...	21.81	3.2	ng/ul	158742	5	21.20	998309	20.0
unknown-05	25.34	3.9	ng/ul	193855	6	23.40	989413	20.0
unknown-06	26.21	7.5	ng/ul	371266	6	23.40	989413	20.0
.gamma.-Sitosterol	26.38	10.3	ng/ul	509384	6	23.40	989413	20.0
unknown-07	26.54	4.1	ng/ul	203809	6	23.40	989413	20.0
unknown-08	27.43	6.5	ng/ul	319175	6	23.40	989413	20.0