LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020784.D
Acq On : 07 Jun 2019 03:38
Operator : HP/JU
Sample : K3201-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC1

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-BM060619MA.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	3.046	6	10	31	rVB	10836771	13076059	97.29%	8.578%
2	3.310	51	55	61	rVB	65988	93316	0.69%	0.061%
3	3.822	138	142	150	rVB3	27968	46818	0.35%	0.031%
4	3.934	156	161	167	rVB	82142	118350	0.88%	0.078%
5	4.934	326	331	339	rVB	69294	104745	0.78%	0.069%
6	6.969	664	677	691	rBV	1076458	1797729	13.38%	1.179%
7	7.151	701	708	719	rVB	861878	1395334	10.38%	0.915%
8	7.340	733	740	748	rBV	1180830	1854739	13.80%	1.217%
9	7.810	814	820	827	rBV	1064914	1657057	12.33%	1.087%
10	8.510	931	939	948	rBV	1222944	1951166	14.52%	1.280%
11	8.634	956	960	969	rVB2	19721	34118	0.25%	0.022%
12	8.969	1010	1017	1027	rBV	1091026	1826777	13.59%	1.198%
13	9.357	1077	1083	1090	rVB	38554	56175	0.42%	0.037%
14	9.687	1131	1139	1152	rBV	896398	1513552	11.26%	0.993%
15	10.216	1222	1229	1244	rVB	1468901	2437913	18.14%	1.599%
16	10.604	1286	1295	1301	rBV	1414595	2357020	17.54%	1.546%
17	10.651	1301	1303	1308	rVB4	24219	33819	0.25%	0.022%
18	10.739	1311	1318	1338	rBV	1019439	1886156	14.03%	1.237%
19	12.186	1560	1564	1569	rBV2	23482	38753	0.29%	0.025%
20	13.863	1837	1849	1853	rVV	2465962	3587281	26.69%	2.353%
21	13.904	1853	1856	1865	rVB	1111432	1551684	11.54%	1.018%
22	14.139	1889	1896	1908	rVB	2914632	4425961	32.93%	2.903%
23	14.451	1939	1949	1956	rBV2	2021431	3166128	23.56%	2.077%
24	14.510	1956	1959	1965	rVB	38556	59051	0.44%	0.039%
25	14.639	1975	1981	1994	rBV	1027926	1557524	11.59%	1.022%
26	14.857	2012	2018	2025	rVV5	34732	83505	0.62%	0.055%
27	15.245	2076	2084	2090	rBV	106943	166189	1.24%	0.109%
28	15.439	2109	2117	2123	rBV	3637058	5313705	39.53%	3.486%
29	15.492	2123	2126	2132	rVV2	41610	66863	0.50%	0.044%
30	15.557	2132	2137	2145	rVV	853618	1212227	9.02%	0.795%
31	15.680	2152	2158	2166	rVB2	46217	97295	0.72%	0.064%
32	15.792	2174	2177	2185	rVB5	30707	52756	0.39%	0.035%
33	16.163	2235	2240	2246	rVB7	31890	68650	0.51%	0.045%
34	16.298	2259	2263	2266	rBV4	29314	38526	0.29%	0.025%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020784.D
Acq On : 07 Jun 2019 03:38
Operator : HP/JU
Sample : K3201-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC1

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-BM060619MA.M
Title : SVOA CALIBRATION

35	16.498	2293	2297	2303	rVV6	27452	50684	0.38%	0.033%
36	16.586	2309	2312	2320	rVV7	32019	58049	0.43%	0.038%
37	16.727	2329	2336	2339	rBV5	24053	49633	0.37%	0.033%
38	16.851	2352	2357	2364	rBV4	44719	76030	0.57%	0.050%
39	16.921	2364	2369	2371	rBV3	30147	49783	0.37%	0.033%
40	16.945	2371	2373	2377	rVV3	46306	63714	0.47%	0.042%
41	17.010	2381	2384	2392	rVB	40410	59106	0.44%	0.039%
42	17.086	2392	2397	2404	rBV	114913	172595	1.28%	0.113%
43	17.151	2404	2408	2410	rBV	82561	106410	0.79%	0.070%
44	17.192	2410	2415	2419	rVV2	2590949	3754005	27.93%	2.463%
45	17.233	2419	2422	2427	rVV	799726	1124589	8.37%	0.738%
46	17.292	2427	2432	2442	rVB	4017836	5757759	42.84%	3.777%
47	17.598	2480	2484	2488	rVB	46869	68199	0.51%	0.045%
48	17.715	2501	2504	2510	rVB2	34432	44058	0.33%	0.029%
49	17.774	2510	2514	2517	rBV2	31793	40614	0.30%	0.027%
50	17.962	2541	2546	2553	rBV3	104938	197384	1.47%	0.129%
51	18.021	2553	2556	2560	rBV2	80059	107906	0.80%	0.071%
52	18.086	2560	2567	2578	rVV2	1874094	3232298	24.05%	2.120%
53	18.192	2582	2585	2590	rVV	93661	148981	1.11%	0.098%
54	18.262	2591	2597	2601	rVV2	244980	489254	3.64%	0.321%
55	18.298	2601	2603	2609	rVB	155379	186852	1.39%	0.123%
56	18.380	2613	2617	2621	rBV4	97554	160897	1.20%	0.106%
57	18.509	2636	2639	2644	rBV6	24235	42068	0.31%	0.028%
58	18.568	2644	2649	2653	rVV	163079	228500	1.70%	0.150%
59	18.609	2653	2656	2664	rVB3	100894	152048	1.13%	0.100%
60	18.815	2687	2691	2695	rBV	72323	84811	0.63%	0.056%
61	18.862	2696	2699	2702	rVV	47985	53058	0.39%	0.035%
62	18.980	2715	2719	2724	rBV	185349	332520	2.47%	0.218%
63	19.104	2736	2740	2751	rVB3	278190	576847	4.29%	0.378%
64	19.245	2756	2764	2771	rBV	2028816	3088184	22.98%	2.026%
65	19.304	2771	2774	2778	rVB2	75073	99508	0.74%	0.065%
66	19.362	2779	2784	2794	rBV2	777770	1201974	8.94%	0.789%
67	19.586	2815	2822	2825	rBV	4847861	7240497	53.87%	4.750%
68	19.609	2825	2826	2834	rVV	1829574	1945892	14.48%	1.277%
69	19.680	2834	2838	2845	rVB2	123134	224694	1.67%	0.147%
70	19.792	2854	2857	2863	rVB2	73692	101793	0.76%	0.067%
71	19.933	2876	2881	2890	rVB6	189696	468312	3.48%	0.307%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020784.D
Acq On : 07 Jun 2019 03:38
Operator : HP/JU
Sample : K3201-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC1

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-BM060619MA.M
Title : SVOA CALIBRATION

72	20.098	2900	2909	2918	rVB4	299909	825085	6.14%	0.541%
73	20.203	2924	2927	2931	rBV	125438	162904	1.21%	0.107%
74	20.262	2932	2937	2941	rVV2	228648	358418	2.67%	0.235%
75	20.303	2941	2944	2947	rVV	65006	82324	0.61%	0.054%
76	20.403	2958	2961	2965	rBV	160725	210721	1.57%	0.138%
77	20.445	2965	2968	2972	rBV	178440	271555	2.02%	0.178%
78	20.621	2995	2998	3001	rVB	127827	138293	1.03%	0.091%
79	20.851	3034	3037	3043	rVB	241346	323992	2.41%	0.213%
80	21.074	3069	3075	3084	rBV4	2144975	3228761	24.02%	2.118%
81	21.145	3084	3087	3093	rVB	203017	306047	2.28%	0.201%
82	21.280	3107	3110	3118	rVV	615100	745809	5.55%	0.489%
83	21.368	3118	3125	3129	rVV2	3632917	6086110	45.28%	3.993%
84	21.403	3129	3131	3141	rVB	1136075	1408689	10.48%	0.924%
85	21.515	3147	3150	3158	rVB2	437383	547728	4.08%	0.359%
86	21.974	3222	3228	3236	rVB3	982859	2112784	15.72%	1.386%
87	22.121	3249	3253	3258	rBV	684895	892408	6.64%	0.585%
88	22.433	3302	3306	3310	rVB	477557	589644	4.39%	0.387%
89	22.668	3342	3346	3351	rBV2	438355	658278	4.90%	0.432%
90	22.950	3389	3394	3397	rBV3	2094632	3404975	25.33%	2.234%
91	22.997	3397	3402	3416	rVB	7914342	13440840	100.00%	8.817%
92	23.456	3475	3480	3483	rBV	444707	816444	6.07%	0.536%
93	23.503	3483	3488	3502	rVB3	3248447	8356807	62.17%	5.482%
94	23.650	3507	3513	3519	rBV	2140255	3899147	29.01%	2.558%
95	24.197	3600	3606	3614	rVB	1782410	3359477	24.99%	2.204%
96	24.286	3615	3621	3635	rVB	1345376	3079390	22.91%	2.020%
97	24.962	3730	3736	3745	rVB	595572	1350066	10.04%	0.886%
98	25.868	3884	3890	3900	rBV	580918	2029203	15.10%	1.331%
99	26.015	3909	3915	3927	rVB2	1412756	3763588	28.00%	2.469%
100	26.780	4037	4045	4057	rVB2	1502105	4421681	32.90%	2.901%

Sum of corrected areas: 152437615

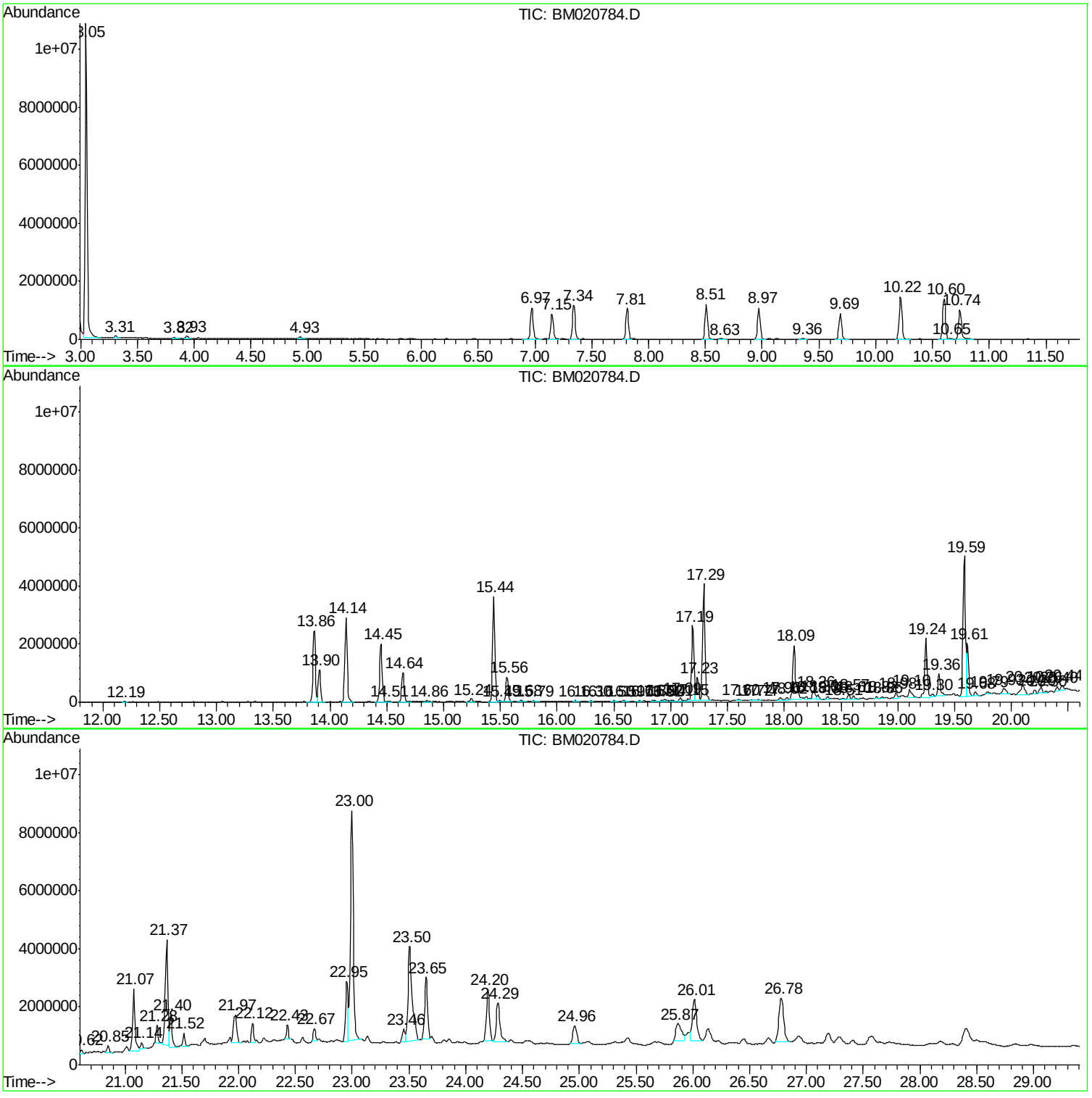
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020784.D
Acq On : 07 Jun 2019 03:38
Operator : HP/JU
Sample : K3201-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.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\BM060619\
Data File : BM020784.D
Acq On : 07 Jun 2019 03:38
Operator : HP/JU
Sample : K3201-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC1

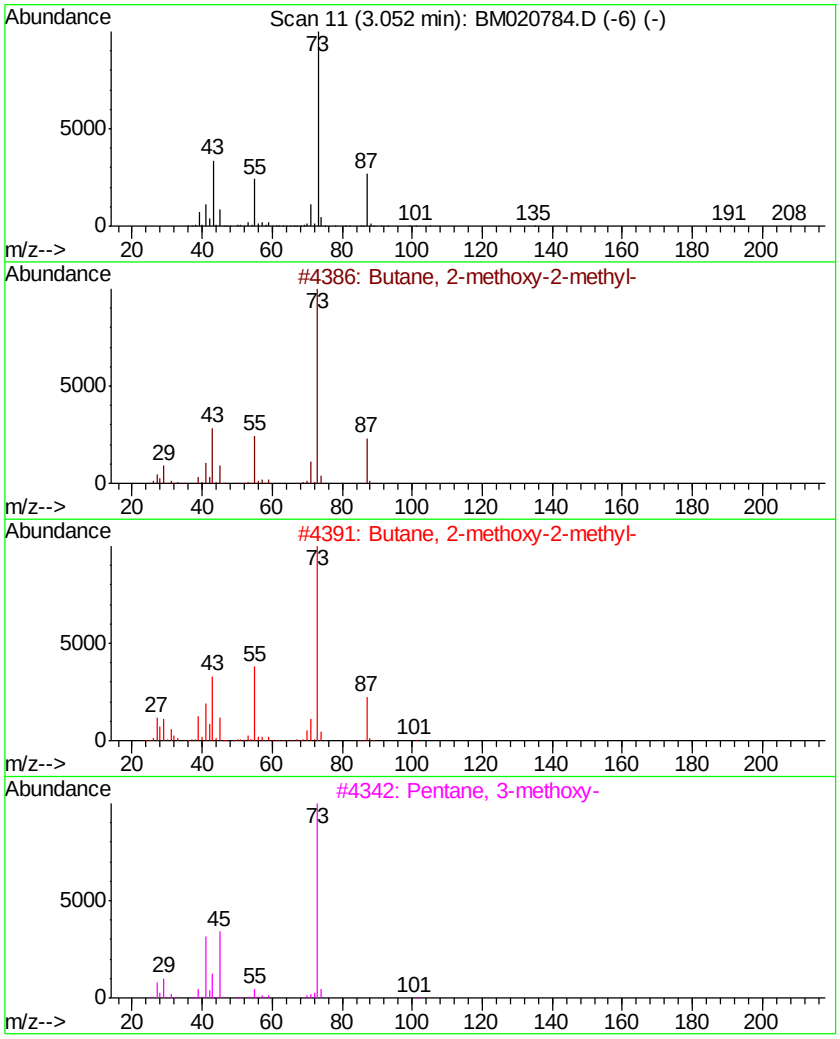
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

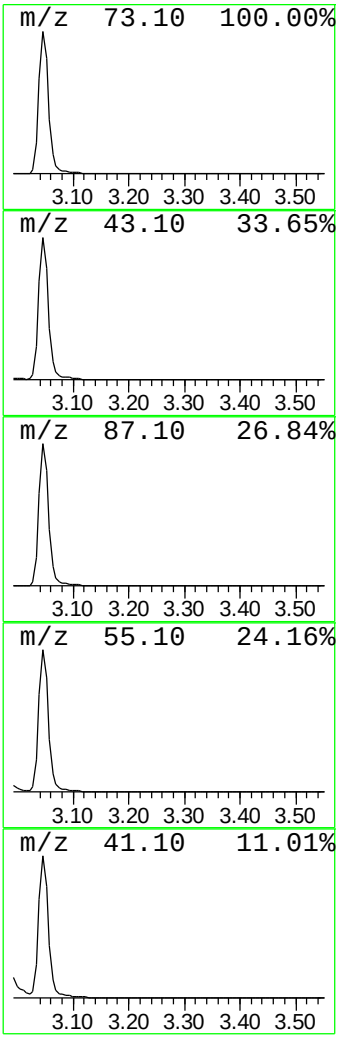
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	157.82 ng/ul	13076100	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020784.D
Acq On : 07 Jun 2019 03:38
Operator : HP/JU
Sample : K3201-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

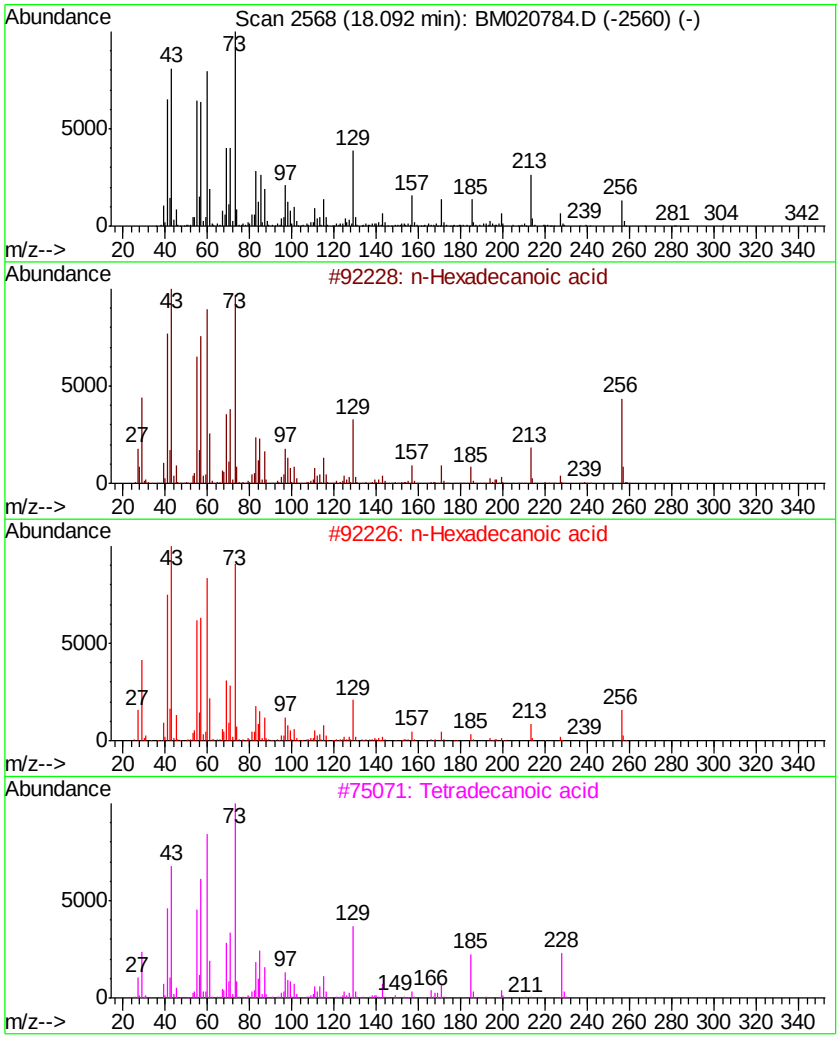
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

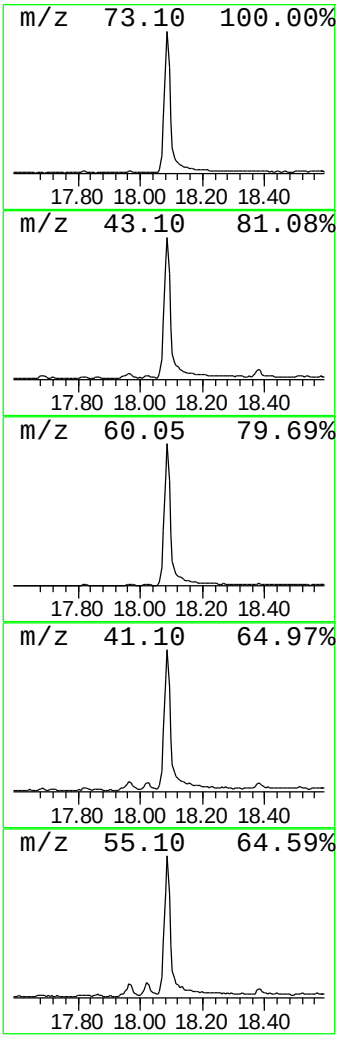
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	17.22 ng/ul	3232300	Phenanthrene-d10	17.19

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	97
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
5	Tridecanoic acid	214	C13H26O2	000638-53-9	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020784.D
Acq On : 07 Jun 2019 03:38
Operator : HP/JU
Sample : K3201-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

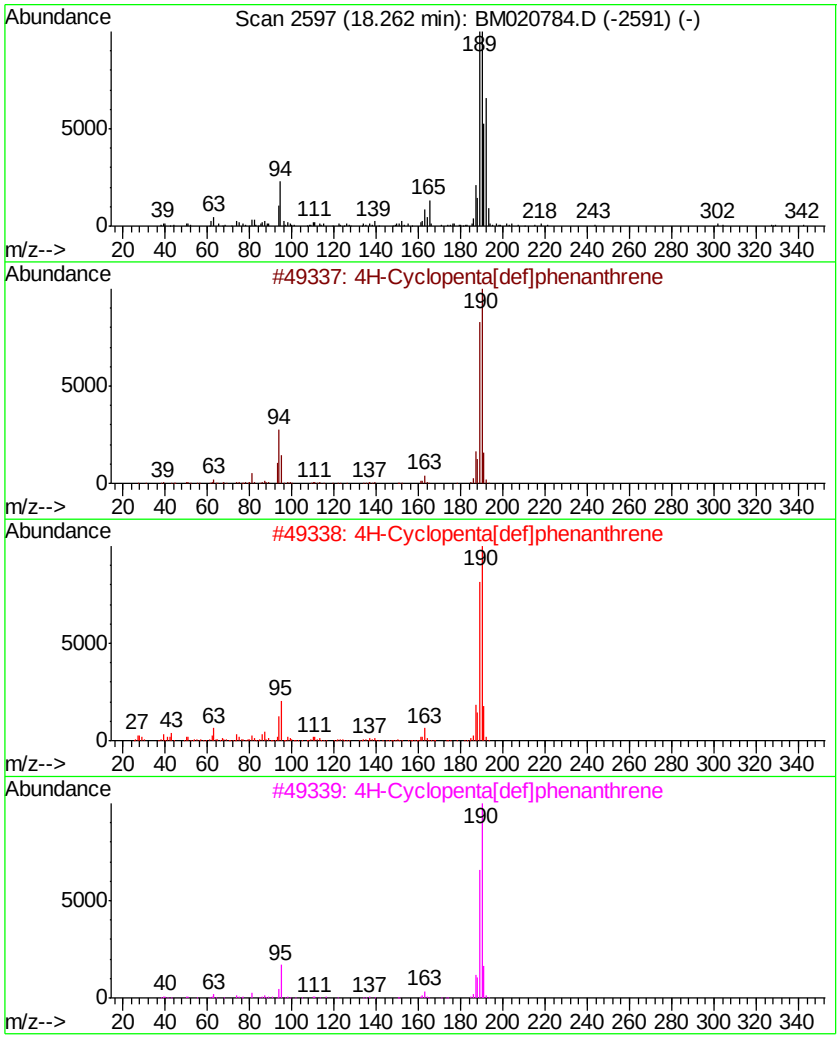
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

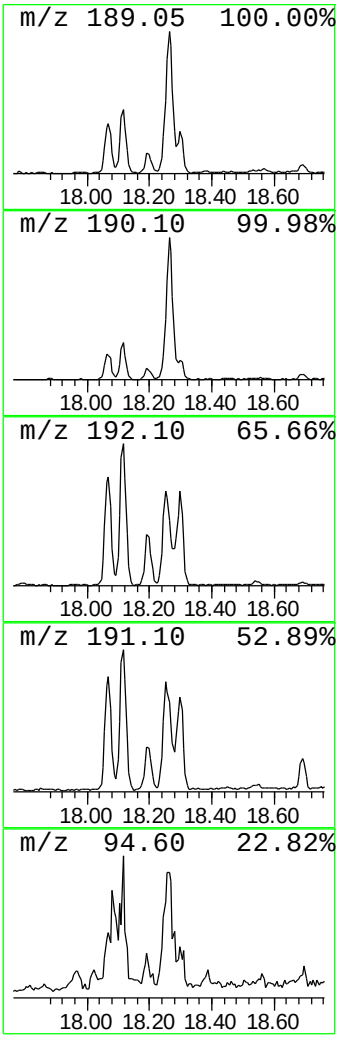
****

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	2.61 ng/ul	489254	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
4	Methyl diselenide	190	C2H6Se2	007101-31-7	45
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020784.D
Acq On : 07 Jun 2019 03:38
Operator : HP/JU
Sample : K3201-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

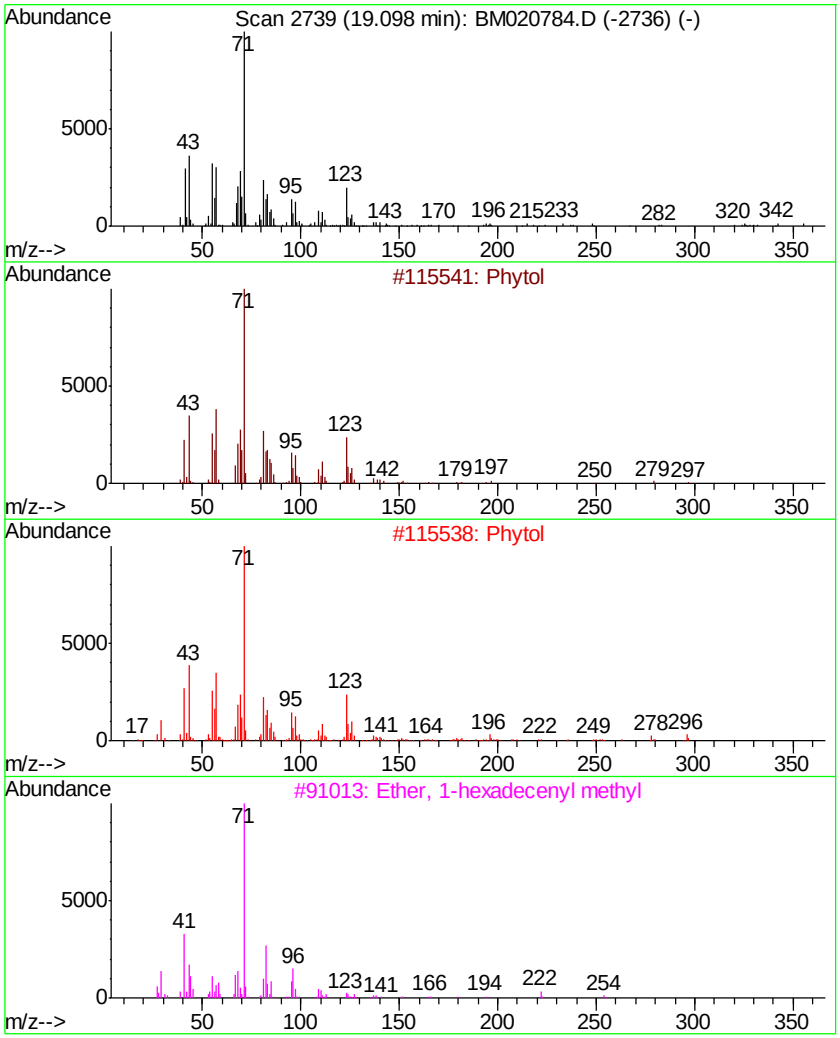
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

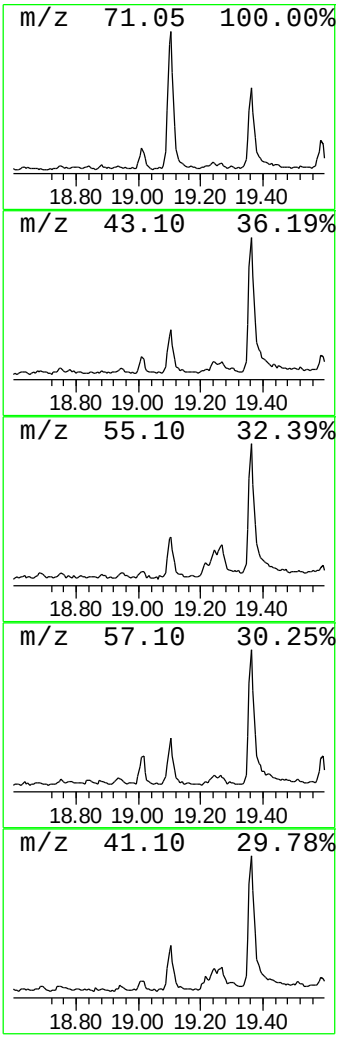
****

Peak Number 4 Phytol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	3.07 ng/ul	576847	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phytol	296	C20H40O	000150-86-7	90
2	Phytol	296	C20H40O	000150-86-7	72
3	Ether, 1-hexadecenyl methyl	254	C17H34O	015519-14-9	64
4	Phytol	296	C20H40O	000150-86-7	58
5	Cyclohexanol, 3,5-dimethyl-	128	C8H16O	005441-52-1	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020784.D
Acq On : 07 Jun 2019 03:38
Operator : HP/JU
Sample : K3201-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

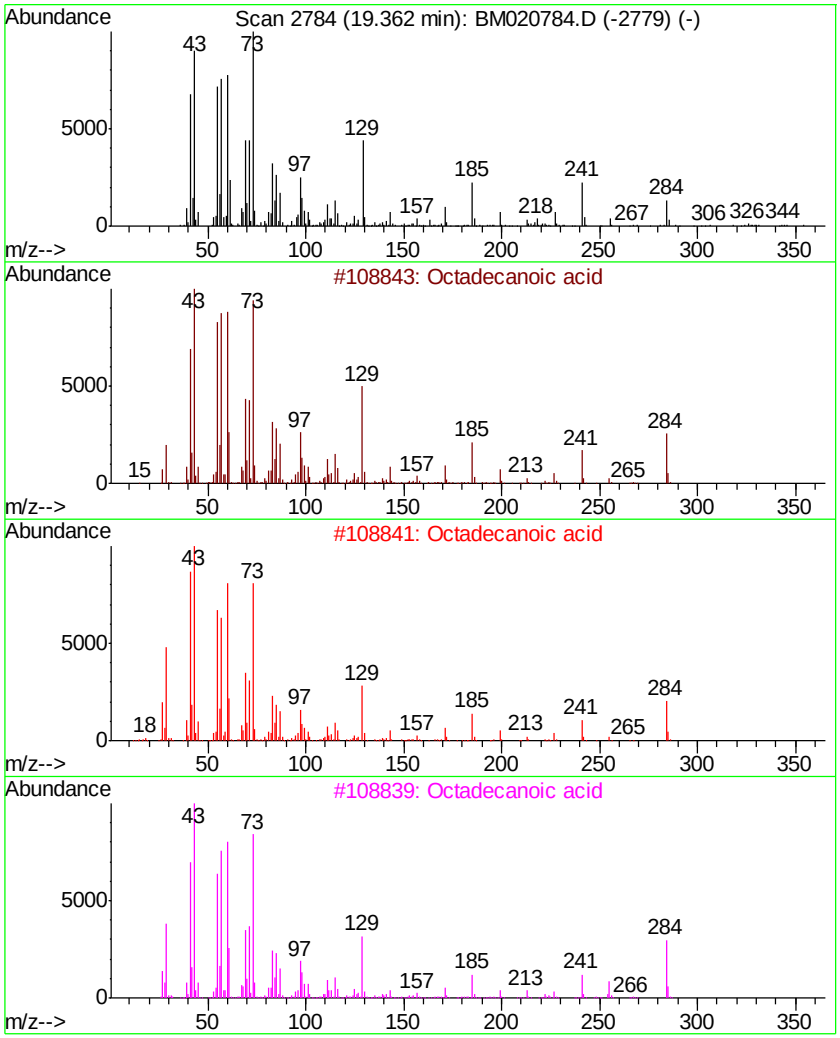
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

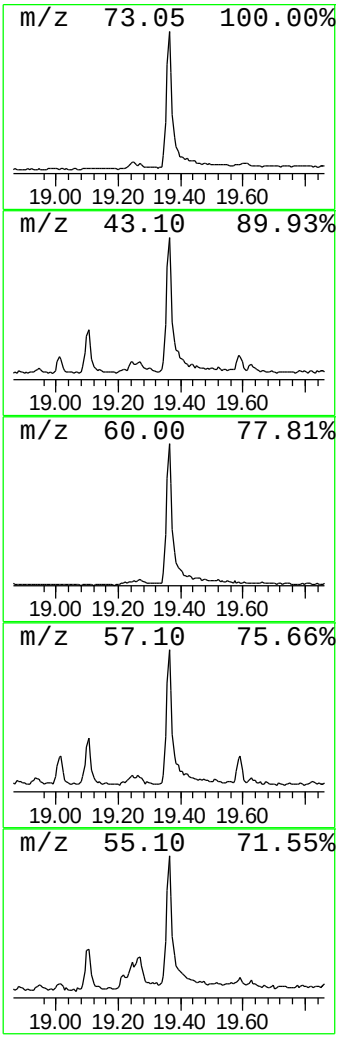
****

Peak Number 5 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	3.95 ng/ul	1201970	Chrysene-d12	21.37

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	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020784.D
Acq On : 07 Jun 2019 03:38
Operator : HP/JU
Sample : K3201-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

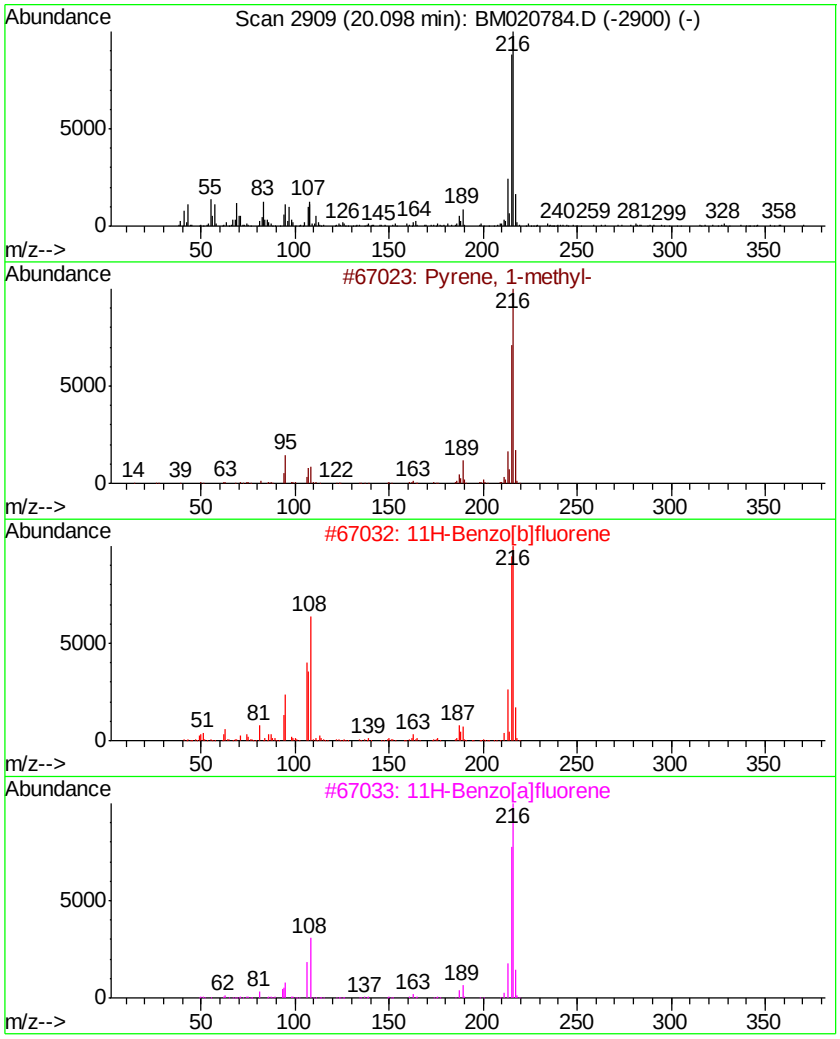
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

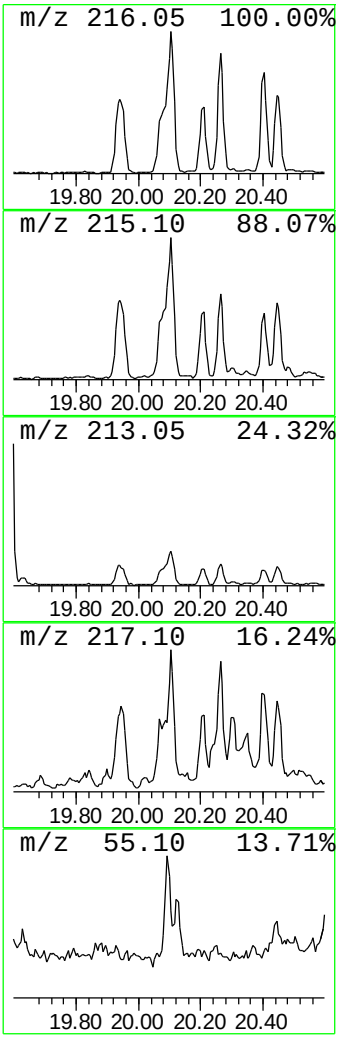
****

Peak Number 6 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.10	2.71 ng/ul	825085	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020784.D
Acq On : 07 Jun 2019 03:38
Operator : HP/JU
Sample : K3201-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

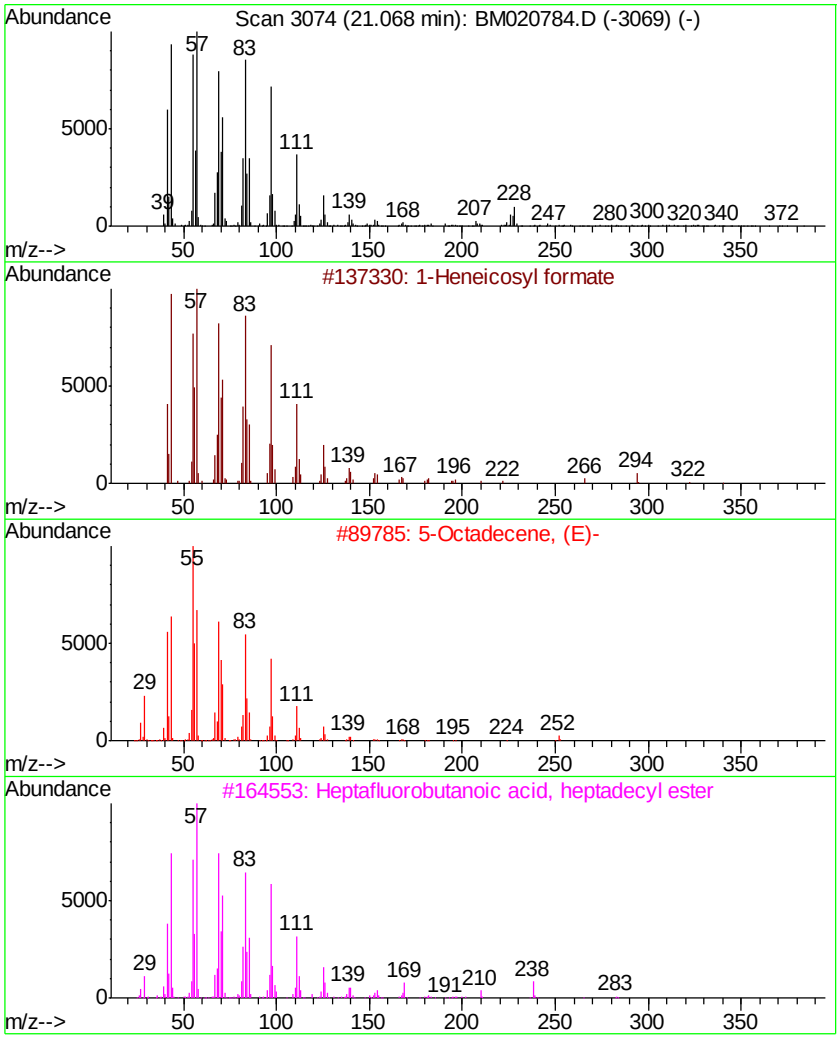
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

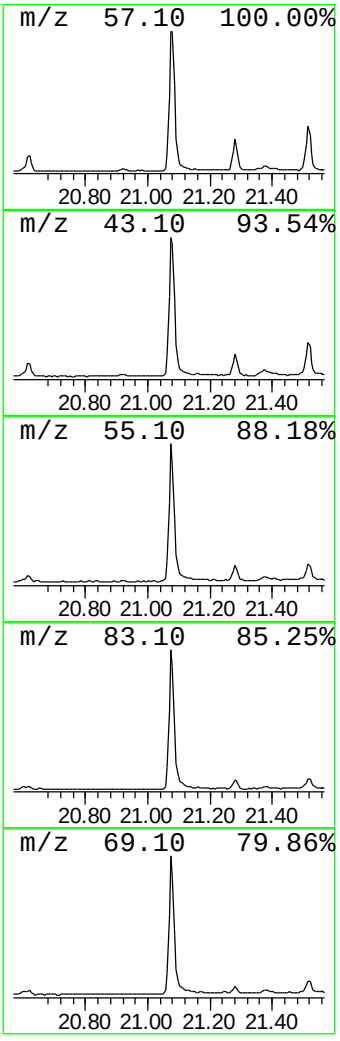
****

Peak Number 7 1-Heneicosyl formate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	10.61 ng/ul	3228760	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	94
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5	Cyclohexadecane	224	C16H32	000295-65-8	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020784.D
Acq On : 07 Jun 2019 03:38
Operator : HP/JU
Sample : K3201-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

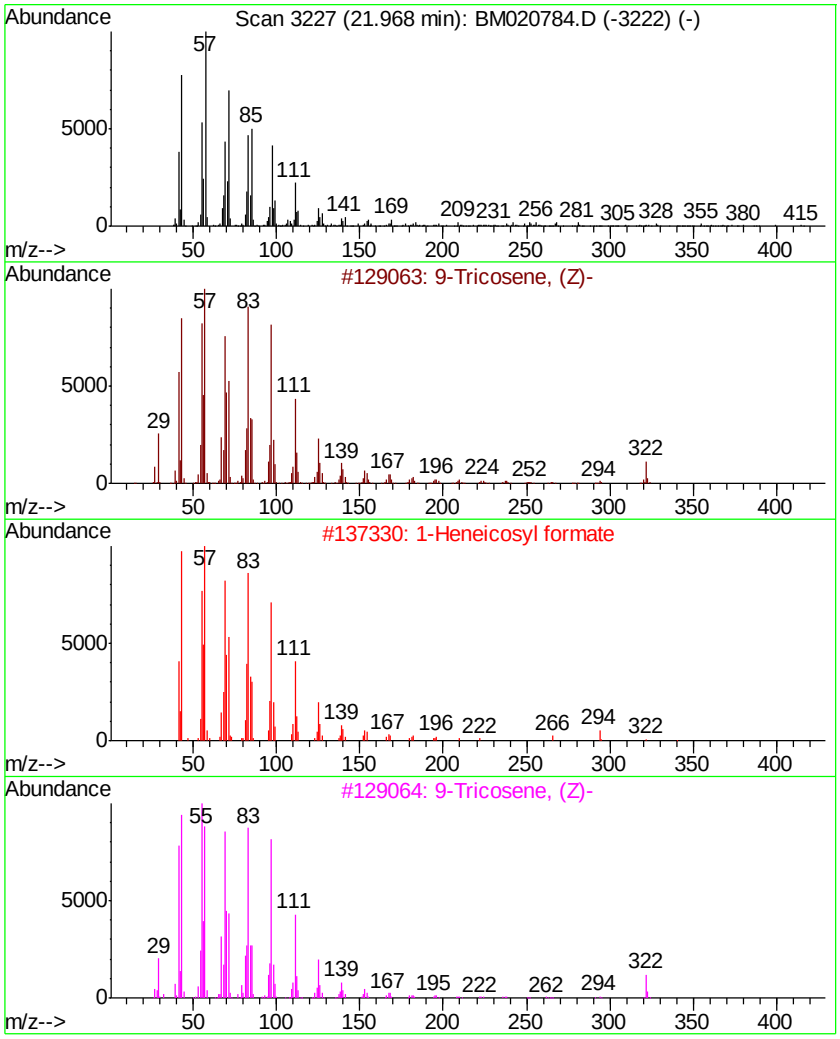
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

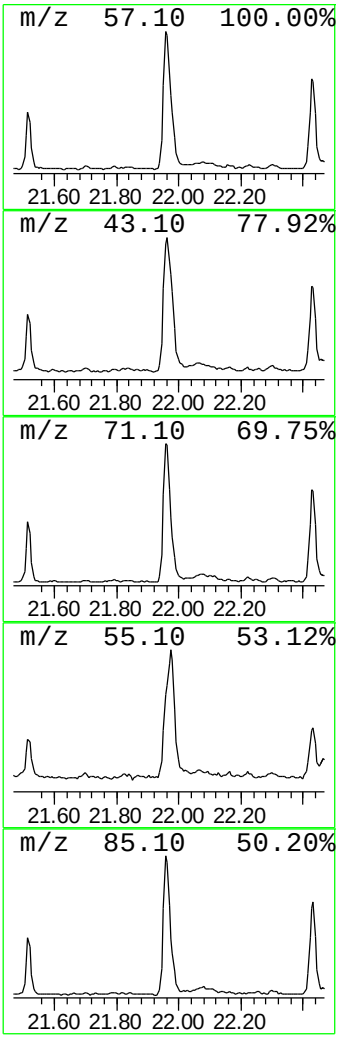
****

Peak Number 8 (DEL) Alkane: Cyclic21.97 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.97	6.94 ng/ul	2112780	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	95
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
4	Cyclopentadecane	210	C15H30	000295-48-7	92
5	1-Hexadecene	224	C16H32	000629-73-2	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020784.D
Acq On : 07 Jun 2019 03:38
Operator : HP/JU
Sample : K3201-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

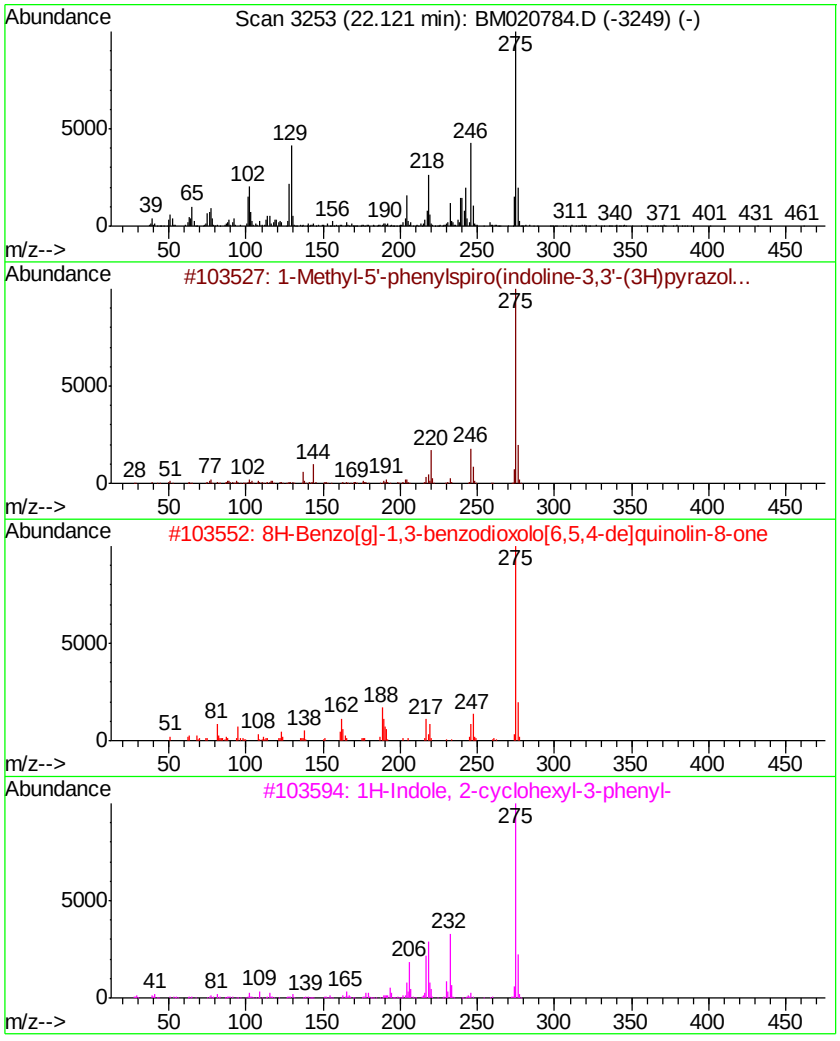
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

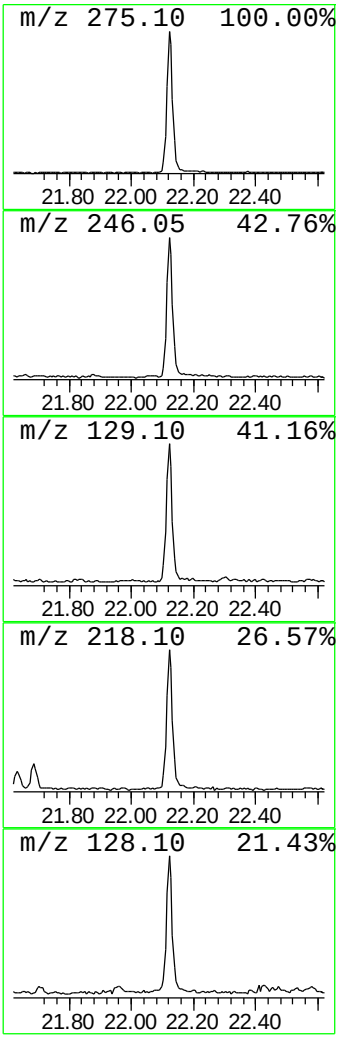
****

Peak Number 9 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.12	2.93 ng/ul	892408	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-5'-phenylspiro(indoline...	275	C17H13N3O	015970-21-5	43
2	8H-Benzo[g]-1,3-benzodioxolo[6,5...	275	C17H9NO3	000475-75-2	41
3	1H-Indole, 2-cyclohexyl-3-phenyl-	275	C20H21N	1000163-87-0	38
4	Ethyl 2-cyano-2-(9-fluorenyliden...	275	C18H13NO2	014003-25-9	35
5	3,5-Diamino-6-[3,4-diethoxypheny...	275	C13H17N5O2	058848-69-4	32





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020784.D
Acq On : 07 Jun 2019 03:38
Operator : HP/JU
Sample : K3201-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

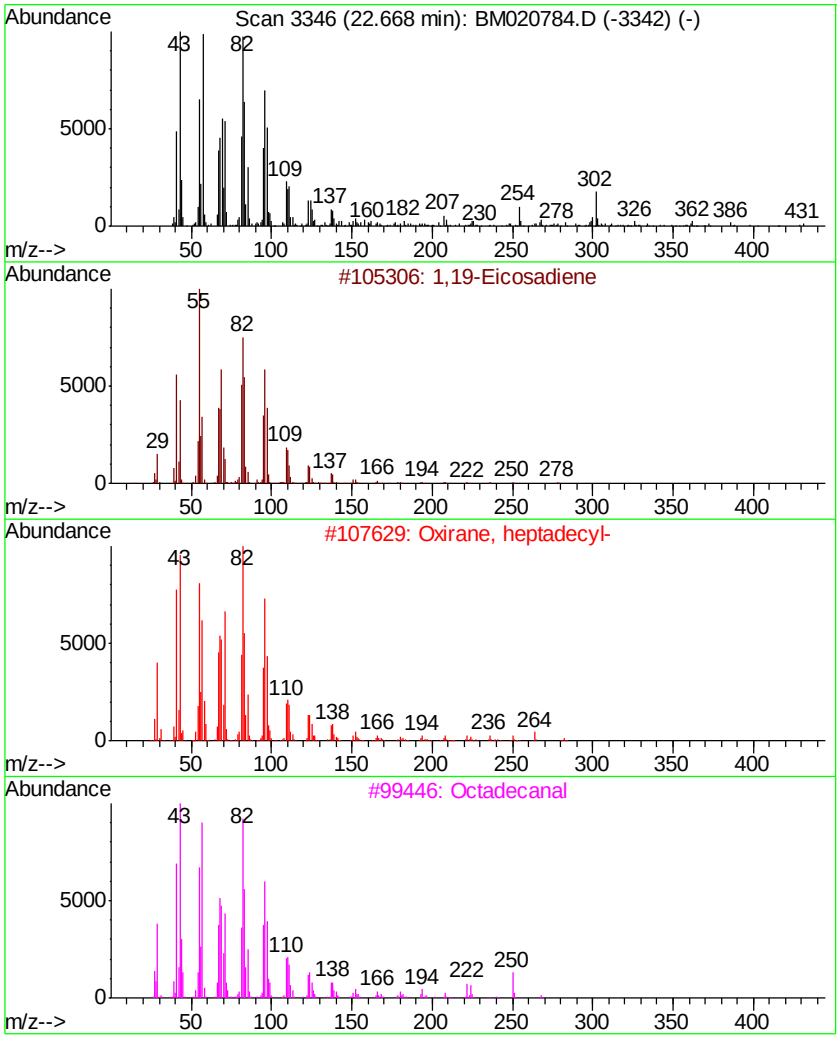
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

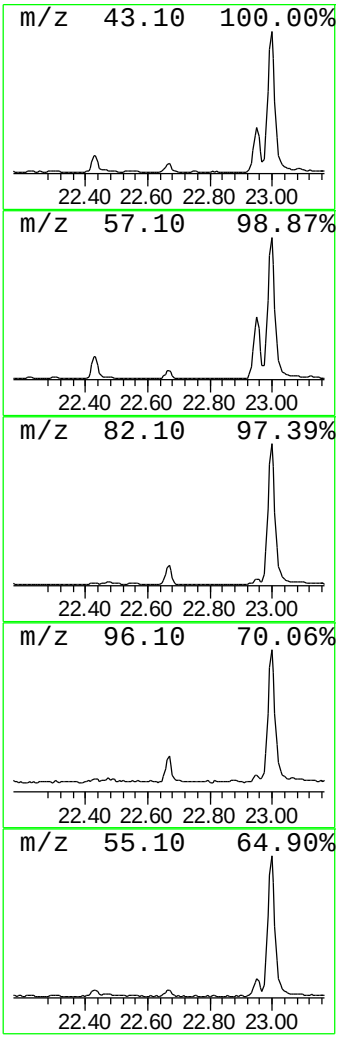
****

Peak Number 10 1,19-Eicosadiene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.67	3.38 ng/ul	658278	Perylene-d12	23.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	95
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	93
3	Octadecanal	268	C18H36O	000638-66-4	90
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
5	Octadecanal	268	C18H36O	000638-66-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020784.D
Acq On : 07 Jun 2019 03:38
Operator : HP/JU
Sample : K3201-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

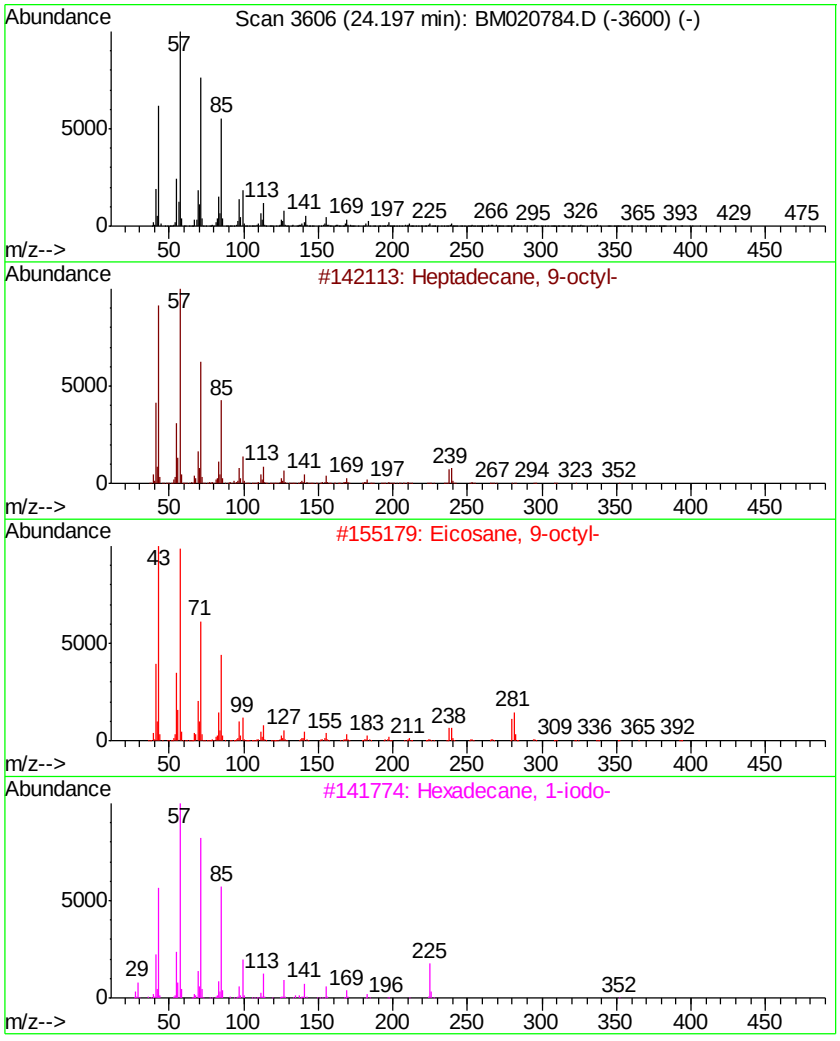
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

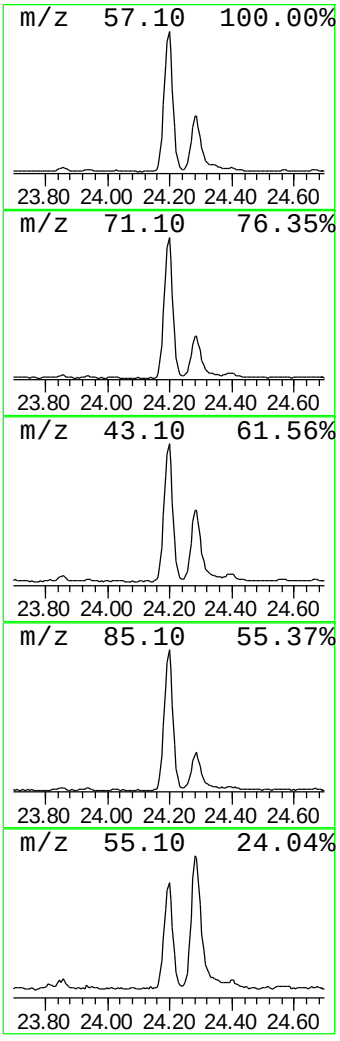
****

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.20	17.23 ng/ul	3359480	Perylene-d12	23.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	97
2	Eicosane, 9-octyl-	394	C28H58	013475-77-9	94
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	94
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5	Tetratetracontane	619	C44H90	007098-22-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020784.D
Acq On : 07 Jun 2019 03:38
Operator : HP/JU
Sample : K3201-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

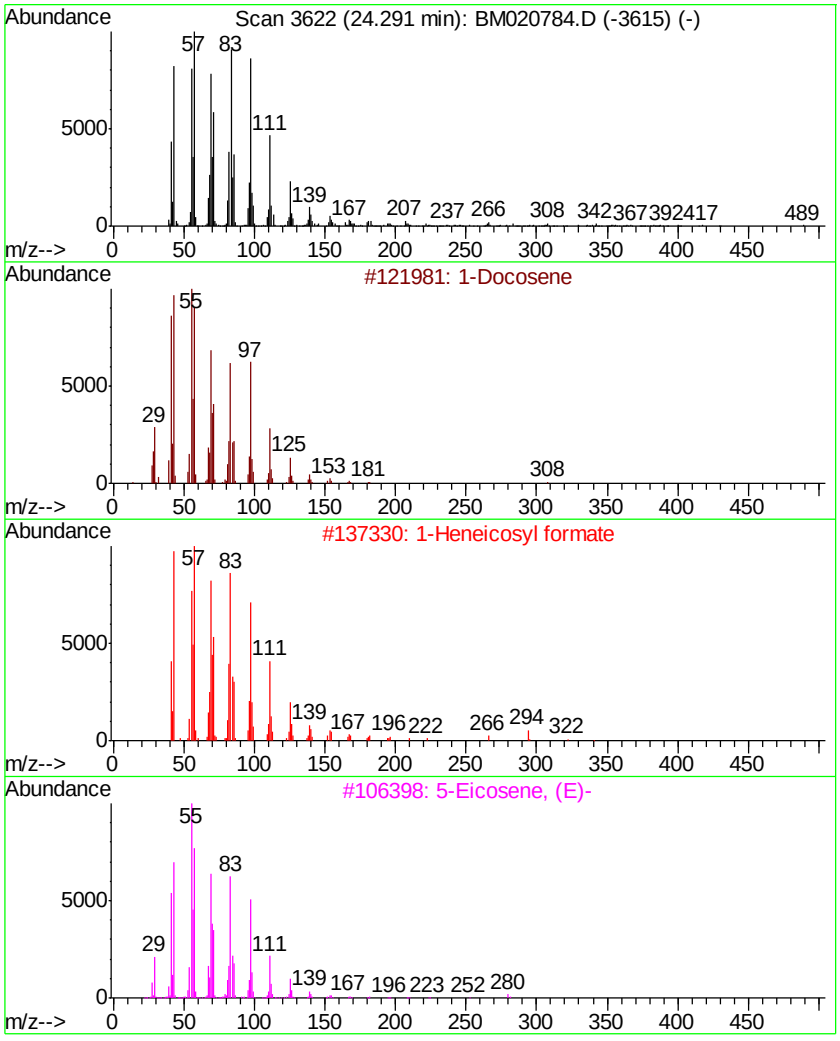
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

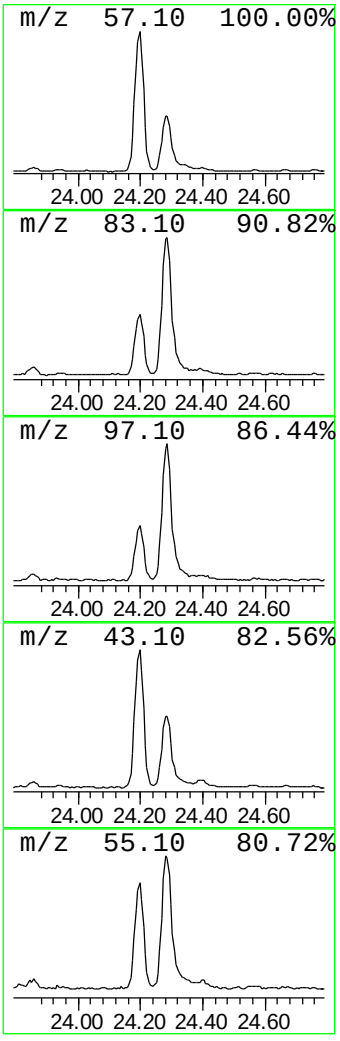
****

Peak Number 12 (DEL) Alkane: Cyclic24.29 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.29	15.80 ng/ul	3079390	Perylene-d12	23.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
4	Cyclotetracosane	336	C24H48	000297-03-0	90
5	Cyclopentadecane	210	C15H30	000295-48-7	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020784.D
Acq On : 07 Jun 2019 03:38
Operator : HP/JU
Sample : K3201-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

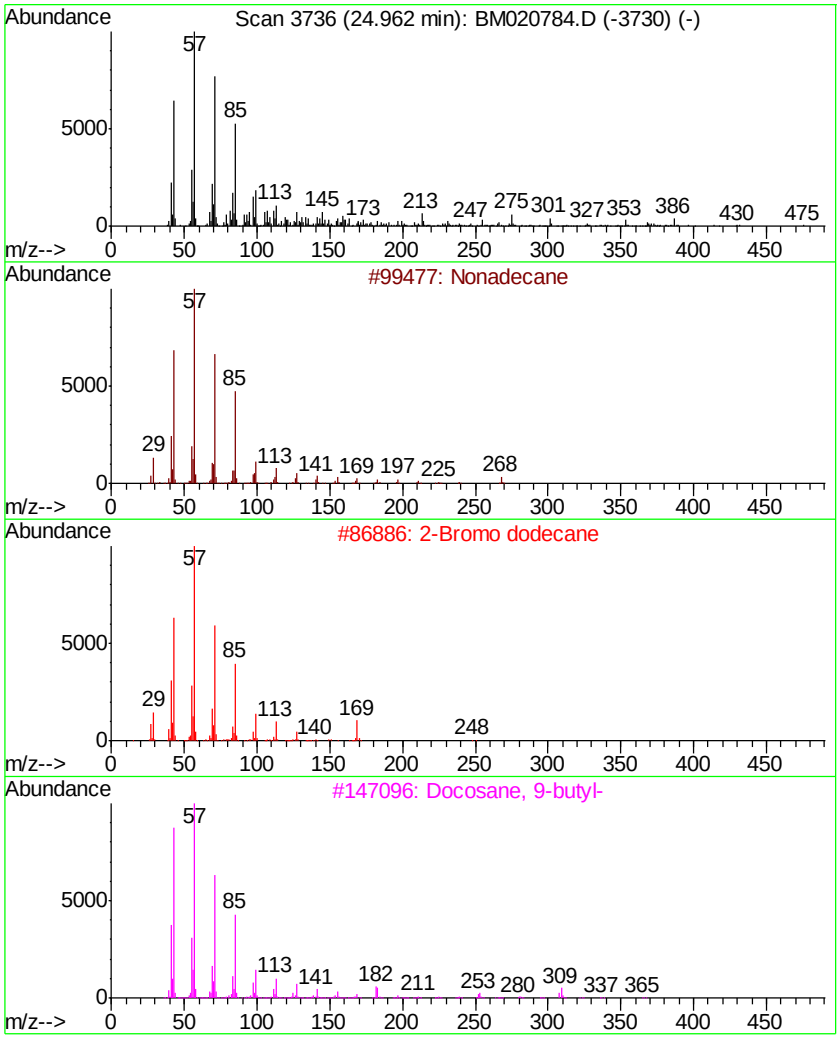
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

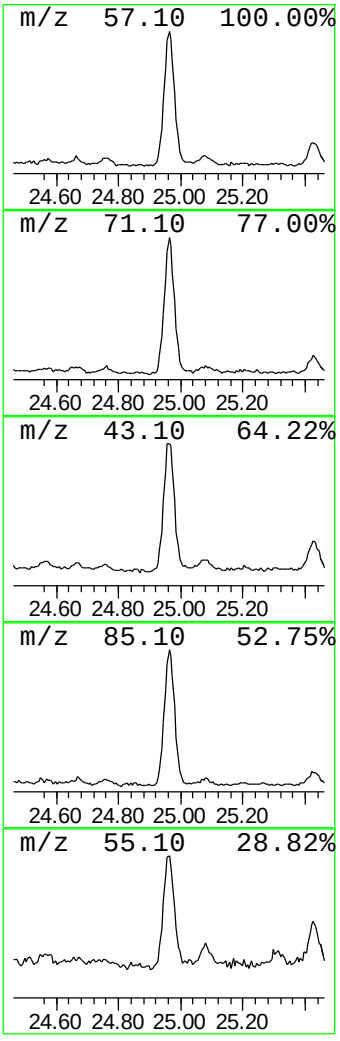
****

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.96	6.92 ng/ul	1350070	Perylene-d12	23.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3	Docosane, 9-butyl-	366	C26H54	055282-14-9	93
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
5	Heneicosane	296	C21H44	000629-94-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020784.D
Acq On : 07 Jun 2019 03:38
Operator : HP/JU
Sample : K3201-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC1

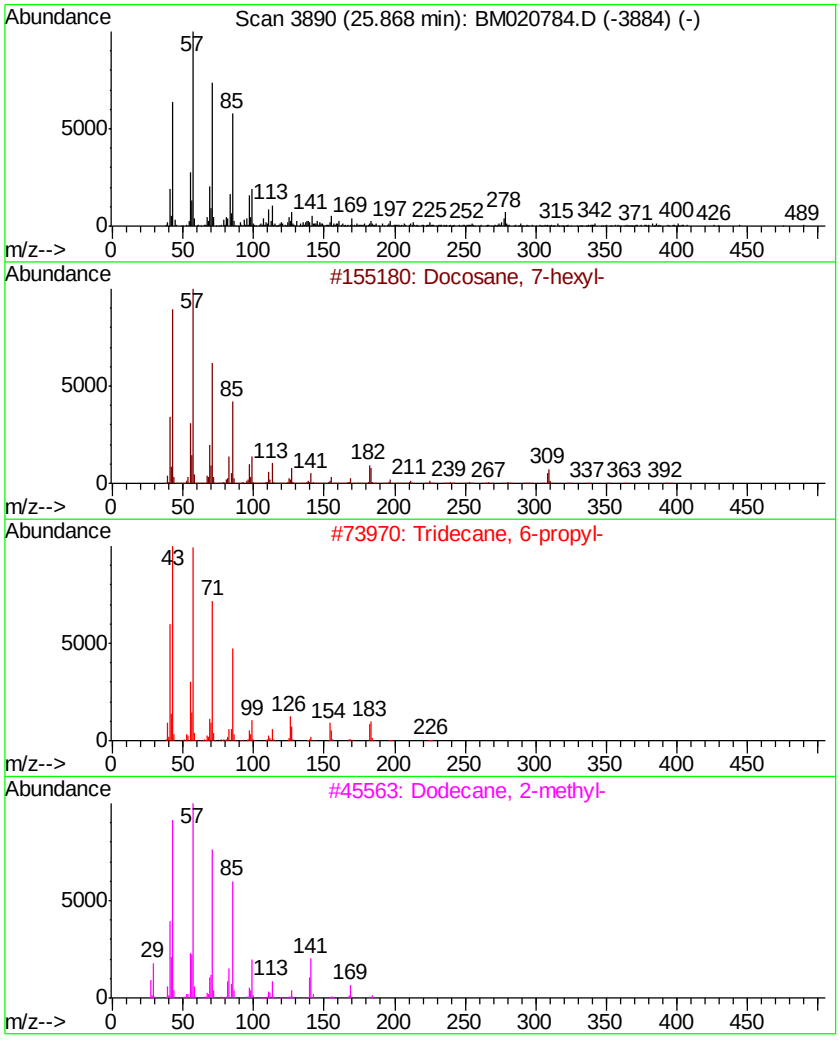
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

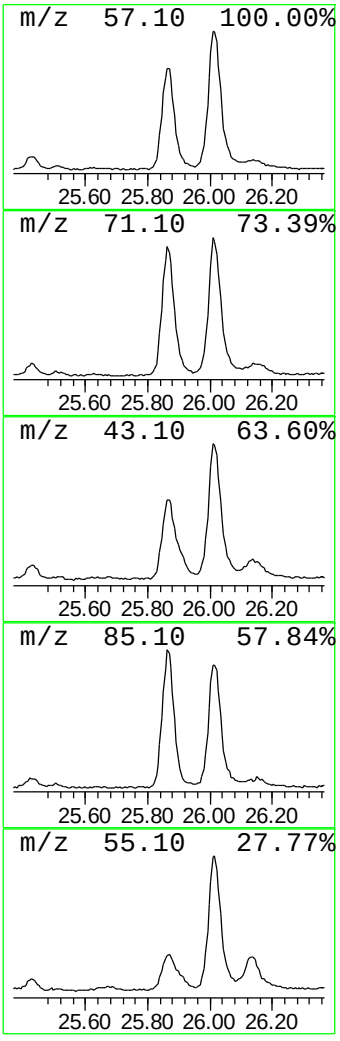
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.87	10.41 ng/ul	2029200	Perylene-d12	23.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 7-hexyl-	394	C28H58	055373-86-9	93
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
4	Tetratriacontane	479	C34H70	014167-59-0	87
5	Heneicosane	296	C21H44	000629-94-7	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020784.D
Acq On : 07 Jun 2019 03:38
Operator : HP/JU
Sample : K3201-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

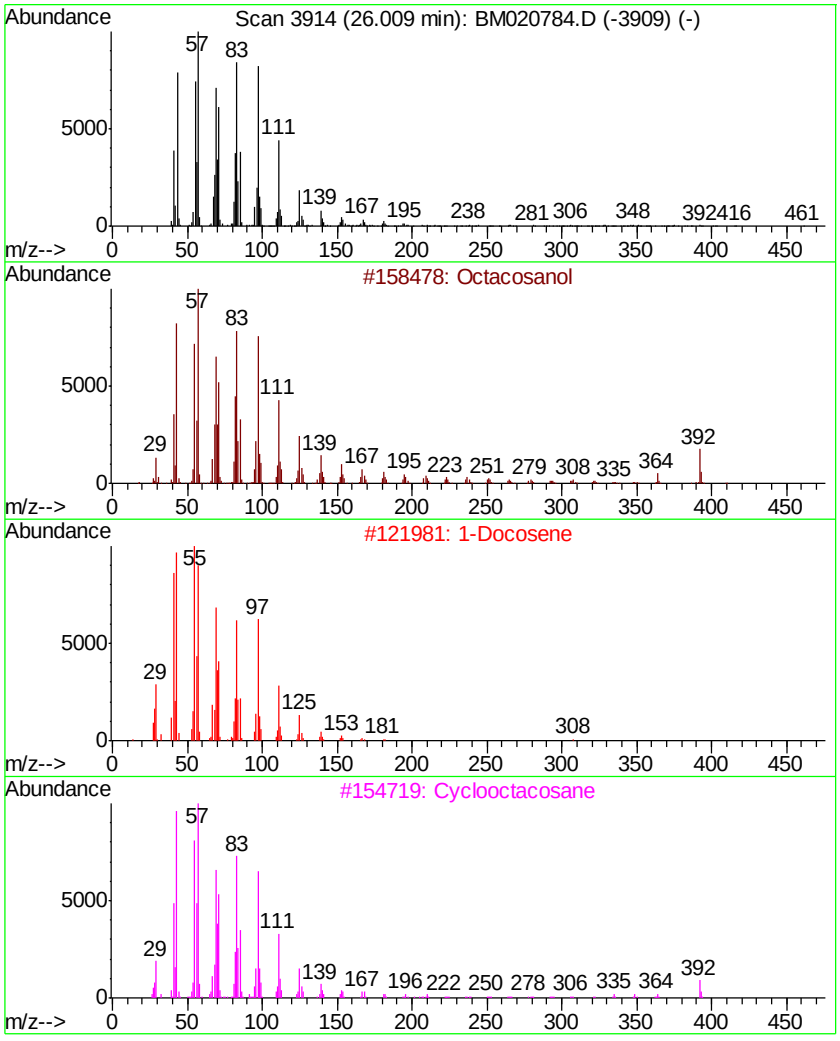
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

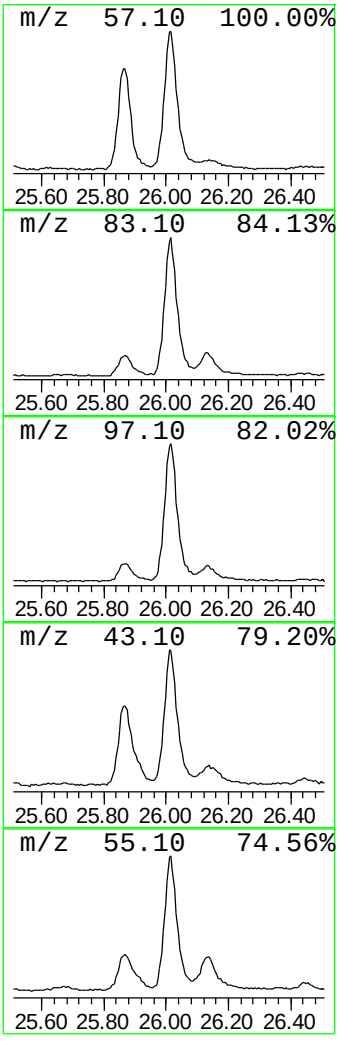
****

Peak Number 15 Octacosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.01	19.30 ng/ul	3763590	Perylene-d12	23.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanol	410	C28H58O	000557-61-9	94
2	1-Docosene	308	C22H44	001599-67-3	91
3	Cyclooctacosane	392	C28H56	000297-24-5	91
4	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
5	1-Triacontanol	438	C30H62O	000593-50-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020784.D
Acq On : 07 Jun 2019 03:38
Operator : HP/JU
Sample : K3201-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

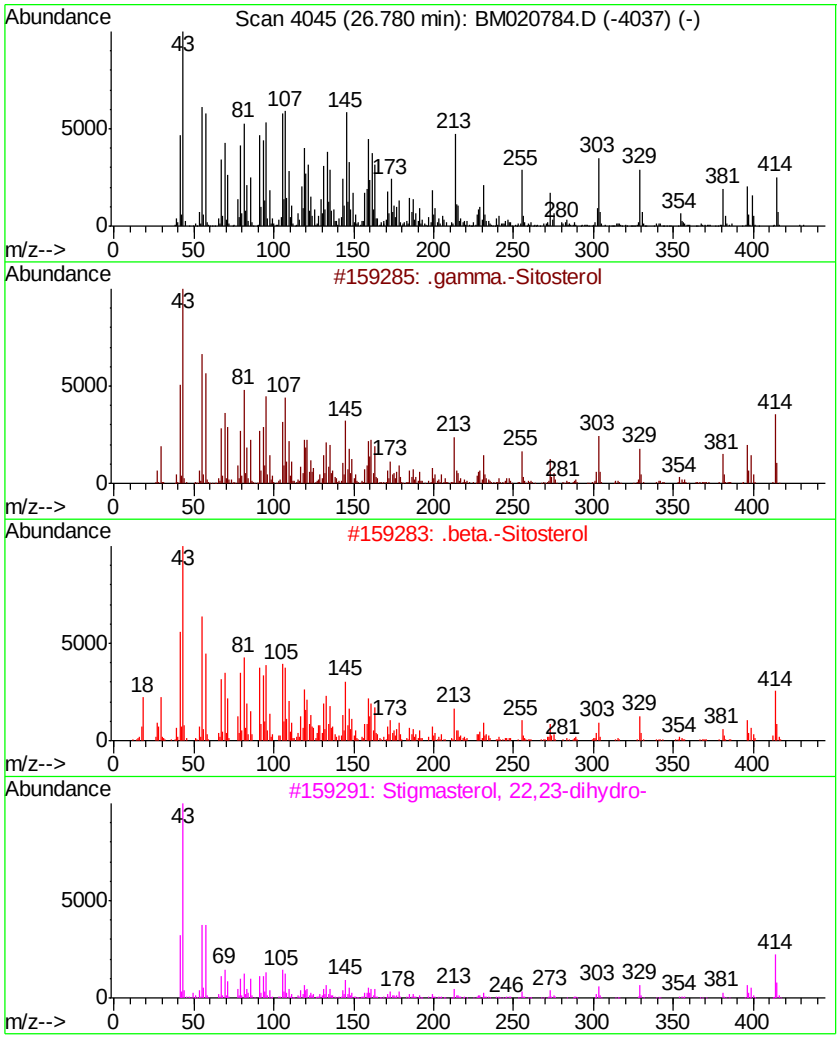
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

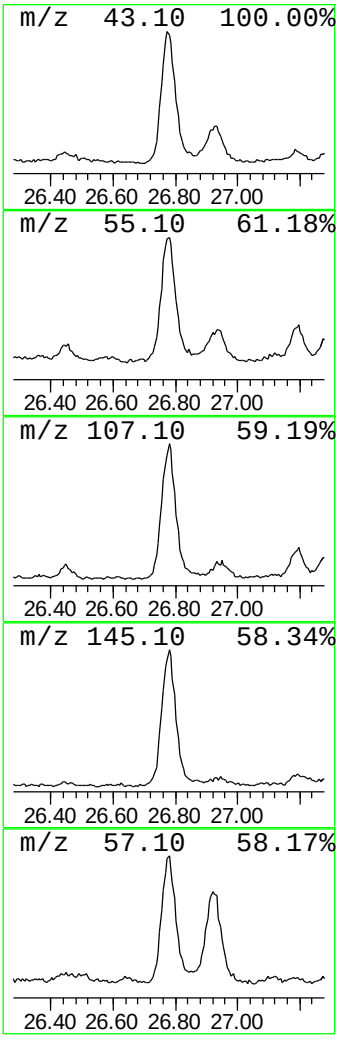
****

Peak Number 16 .gamma.-Sitosterol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.78	22.68 ng/ul	4421680	Perylene-d12	23.65

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	93
3	Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	93
4	.beta.-Sitosterol	414	C29H50O	000083-46-5	38
5	Isocholesteryl methyl ether	400	C28H48O	029944-53-4	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060619\
Data File : BM020784.D
Acq On : 07 Jun 2019 03:38
Operator : HP/JU
Sample : K3201-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.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
Butane, 2-methoxy...	3.05	157.8	ng/ul	13076100	1	7.81	1657060	20.0
n-Hexadecanoic acid	18.09	17.2	ng/ul	3232300	4	17.19	3754010	20.0
4H-Cyclopenta[def...	18.26	2.6	ng/ul	489254	4	17.19	3754010	20.0
Phytol	19.10	3.1	ng/ul	576847	4	17.19	3754010	20.0
Octadecanoic acid	19.36	4.0	ng/ul	1201970	5	21.37	6086110	20.0
Pyrene, 1-methyl-	20.10	2.7	ng/ul	825085	5	21.37	6086110	20.0
1-Heneicosyl formate	21.07	10.6	ng/ul	3228760	5	21.37	6086110	20.0
(DEL) Alkane: Cyc...	21.97	6.9	ng/ul	2112780	5	21.37	6086110	20.0
unknown-01	22.12	2.9	ng/ul	892408	5	21.37	6086110	20.0
1,19-Eicosadiene	22.67	3.4	ng/ul	658278	6	23.65	3899150	20.0
(DEL) Alkane: Str...	24.20	17.2	ng/ul	3359480	6	23.65	3899150	20.0
(DEL) Alkane: Cyc...	24.29	15.8	ng/ul	3079390	6	23.65	3899150	20.0
(DEL) Alkane: Str...	24.96	6.9	ng/ul	1350070	6	23.65	3899150	20.0
(DEL) Alkane: Str...	25.87	10.4	ng/ul	2029200	6	23.65	3899150	20.0
Octacosanol	26.01	19.3	ng/ul	3763590	6	23.65	3899150	20.0
.gamma.-Sitosterol	26.78	22.7	ng/ul	4421680	6	23.65	3899150	20.0