LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101119\
Data File : BM023126.D
Acq On : 11 Oct 2019 12:56
Operator : JU
Sample : K5124-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM74

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-BM092719MA.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	3.258	42	46	56	rVB	20224	35866	1.18%	0.076%
2	3.769	129	133	138	rVB	13070	18726	0.62%	0.040%
3	3.893	149	154	159	rBV	14142	22243	0.73%	0.047%
4	3.981	165	169	174	rVB	13233	18265	0.60%	0.039%
5	4.340	228	230	239	rVB5	4168	7523	0.25%	0.016%
6	4.899	322	325	331	rBV	5385	7965	0.26%	0.017%
7	6.305	559	564	569	rBV	8745	14912	0.49%	0.032%
8	6.940	662	672	687	rVB2	329330	620230	20.48%	1.311%
9	7.105	691	700	715	rBV	237672	419405	13.85%	0.887%
10	7.305	727	734	741	rVB	345738	552664	18.25%	1.168%
11	7.416	746	753	759	rVV5	6512	13736	0.45%	0.029%
12	7.769	806	813	821	rBV	623939	993114	32.79%	2.099%
13	8.475	920	933	940	rBV	368462	608089	20.08%	1.285%
14	8.593	947	953	960	rBV	15193	26708	0.88%	0.056%
15	8.922	1002	1009	1017	rBV	301312	488135	16.12%	1.032%
16	9.357	1078	1083	1088	rVB	8154	12098	0.40%	0.026%
17	9.640	1125	1131	1138	rBV	241836	389990	12.88%	0.824%
18	10.181	1214	1223	1232	rBV	387081	650800	21.49%	1.376%
19	10.557	1280	1287	1294	rBV	796534	1352614	44.66%	2.859%
20	10.693	1302	1310	1322	rBV	163275	316469	10.45%	0.669%
21	10.775	1322	1324	1330	rVV4	6940	12495	0.41%	0.026%
22	11.310	1410	1415	1419	rBV6	6549	13249	0.44%	0.028%
23	12.251	1572	1575	1582	rVB3	4938	8132	0.27%	0.017%
24	12.369	1587	1595	1600	rBV4	5054	12370	0.41%	0.026%
25	12.734	1650	1657	1667	rBV	52086	96885	3.20%	0.205%
26	12.845	1672	1676	1681	rBV4	7930	15725	0.52%	0.033%
27	12.898	1681	1685	1688	rVB2	5296	8327	0.27%	0.018%
28	13.239	1737	1743	1748	rBV	13551	18707	0.62%	0.040%
29	13.504	1784	1788	1795	rBV2	10884	21512	0.71%	0.045%
30	13.675	1813	1817	1823	rBV3	6123	9991	0.33%	0.021%
31	13.734	1823	1827	1832	rVV3	7732	10617	0.35%	0.022%
32	13.816	1834	1841	1845	rVV	620206	869290	28.70%	1.838%
33	13.863	1845	1849	1858	rVV	252650	345173	11.40%	0.730%
34	14.098	1882	1889	1900	rVB	750355	1123085	37.08%	2.374%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101119\
Data File : BM023126.D
Acq On : 11 Oct 2019 12:56
Operator : JU
Sample : K5124-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM74

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-BM092719MA.M
Title : SVOA CALIBRATION

35	14.257	1910	1916	1921	rVB3	16607	22179	0.73%	0.047%
36	14.310	1921	1925	1930	rVB3	22234	31098	1.03%	0.066%
37	14.404	1933	1941	1949	rBV	1154480	1752776	57.87%	3.705%
38	14.475	1949	1953	1957	rVV3	12672	21880	0.72%	0.046%
39	14.528	1959	1962	1966	rVB3	10931	14485	0.48%	0.031%
40	14.604	1970	1975	1982	rBV	119953	196723	6.50%	0.416%
41	14.669	1982	1986	1994	rVV5	26256	51327	1.69%	0.108%
42	14.757	1994	2001	2008	rVB2	19318	38513	1.27%	0.081%
43	14.828	2008	2013	2016	rBV4	13295	18505	0.61%	0.039%
44	14.875	2016	2021	2026	rVB3	57880	81812	2.70%	0.173%
45	14.957	2026	2035	2041	rBV2	27958	39093	1.29%	0.083%
46	15.075	2050	2055	2060	rBV4	4171	8902	0.29%	0.019%
47	15.151	2064	2068	2074	rVB	15298	22709	0.75%	0.048%
48	15.210	2074	2078	2083	rBV2	11242	16109	0.53%	0.034%
49	15.263	2083	2087	2091	rVB2	15237	20549	0.68%	0.043%
50	15.398	2104	2110	2120	rVB	974441	1361592	44.96%	2.878%
51	15.516	2124	2130	2138	rBV	151387	217531	7.18%	0.460%
52	15.639	2147	2151	2154	rBV2	12067	20721	0.68%	0.044%
53	15.798	2168	2178	2182	rBV2	405002	651719	21.52%	1.378%
54	15.839	2182	2185	2188	rVV2	153164	200766	6.63%	0.424%
55	15.875	2188	2191	2195	rVV2	75374	97183	3.21%	0.205%
56	15.922	2195	2199	2202	rVV2	48624	70925	2.34%	0.150%
57	15.951	2202	2204	2211	rVV2	26517	50269	1.66%	0.106%
58	16.027	2212	2217	2226	rVV	1476131	2036568	67.24%	4.305%
59	16.122	2230	2233	2236	rBV4	12889	12766	0.42%	0.027%
60	16.180	2241	2243	2246	rVB3	7365	7350	0.24%	0.016%
61	16.292	2258	2262	2268	rVB7	5723	12593	0.42%	0.027%
62	16.351	2268	2272	2277	rBV6	6217	9527	0.31%	0.020%
63	16.504	2294	2298	2303	rBV2	14075	23843	0.79%	0.050%
64	16.633	2316	2320	2329	rVB4	25945	48777	1.61%	0.103%
65	16.763	2338	2342	2349	rBV5	44550	59667	1.97%	0.126%
66	16.875	2357	2361	2364	rBV4	6826	10628	0.35%	0.022%
67	16.916	2364	2368	2374	rVB8	22211	33589	1.11%	0.071%
68	17.039	2385	2389	2394	rBV	63639	84671	2.80%	0.179%
69	17.145	2401	2407	2416	rBV2	1271420	1809886	59.76%	3.826%
70	17.245	2417	2424	2433	rVB	972233	1416785	46.78%	2.995%
71	17.345	2436	2441	2450	rBV2	299287	430595	14.22%	0.910%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101119\
Data File : BM023126.D
Acq On : 11 Oct 2019 12:56
Operator : JU
Sample : K5124-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM74

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-BM092719MA.M
Title : SVOA CALIBRATION

72	17.416	2450	2453	2459	rBV2	9147	16892	0.56%	0.036%
73	17.533	2470	2473	2479	rVB6	13722	24515	0.81%	0.052%
74	17.604	2482	2485	2488	rBV5	9221	12296	0.41%	0.026%
75	17.651	2489	2493	2497	rBV3	31654	42621	1.41%	0.090%
76	18.045	2556	2560	2568	rBV	68405	107892	3.56%	0.228%
77	18.110	2569	2571	2575	rVB	20428	24577	0.81%	0.052%
78	18.345	2608	2611	2613	rBV	14384	14600	0.48%	0.031%
79	18.421	2620	2624	2630	rBV	50752	75740	2.50%	0.160%
80	18.474	2630	2633	2637	rBV3	20276	25632	0.85%	0.054%
81	18.980	2715	2719	2727	rBV	99406	160495	5.30%	0.339%
82	19.539	2809	2814	2824	rVB	1255248	1722647	56.88%	3.641%
83	20.057	2899	2902	2905	rBV	268298	340950	11.26%	0.721%
84	20.092	2905	2908	2914	rVB	293311	361870	11.95%	0.765%
85	20.880	3040	3042	3046	rVB	263265	259208	8.56%	0.548%
86	21.045	3064	3070	3079	rBV3	1909625	3028727	100.00%	6.402%
87	21.251	3101	3105	3109	rVB	488730	560684	18.51%	1.185%
88	21.327	3114	3118	3125	rVV	1580403	2095765	69.20%	4.430%
89	21.486	3143	3145	3149	rBV	179454	210317	6.94%	0.445%
90	21.933	3216	3221	3231	rVB2	911809	1998170	65.97%	4.224%
91	22.180	3260	3263	3270	rVB	866494	1140471	37.66%	2.411%
92	22.621	3335	3338	3341	rVB	324893	373481	12.33%	0.789%
93	22.898	3381	3385	3389	rBV	694467	996128	32.89%	2.106%
94	22.945	3389	3393	3403	rVB	1029330	1634975	53.98%	3.456%
95	23.439	3472	3477	3487	rVB	933536	1839647	60.74%	3.889%
96	23.580	3496	3501	3509	rVB	1162851	2181987	72.04%	4.612%
97	24.127	3590	3594	3601	rVB	594184	1059809	34.99%	2.240%
98	24.209	3604	3608	3618	rVB	540391	1100691	36.34%	2.327%
99	24.515	3654	3660	3669	rVB	1386841	2931116	96.78%	6.196%
100	26.680	4021	4028	4046	rVB3	949931	2825523	93.29%	5.973%

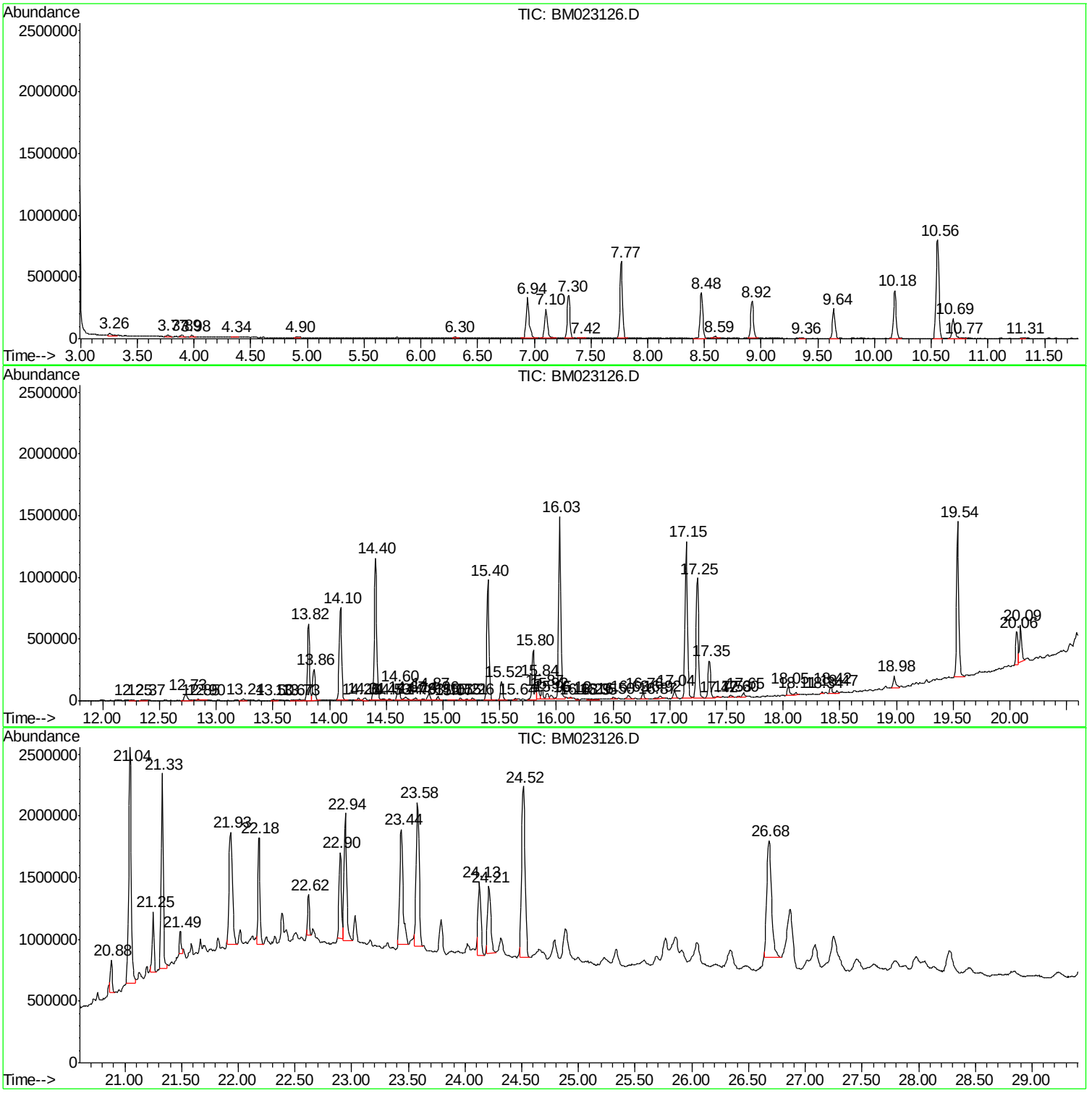
Sum of corrected areas: 47307147

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101119\
Data File : BM023126.D
Acq On : 11 Oct 2019 12:56
Operator : JU
Sample : K5124-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLM74

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101119\
Data File : BM023126.D
Acq On : 11 Oct 2019 12:56
Operator : JU
Sample : K5124-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM74

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

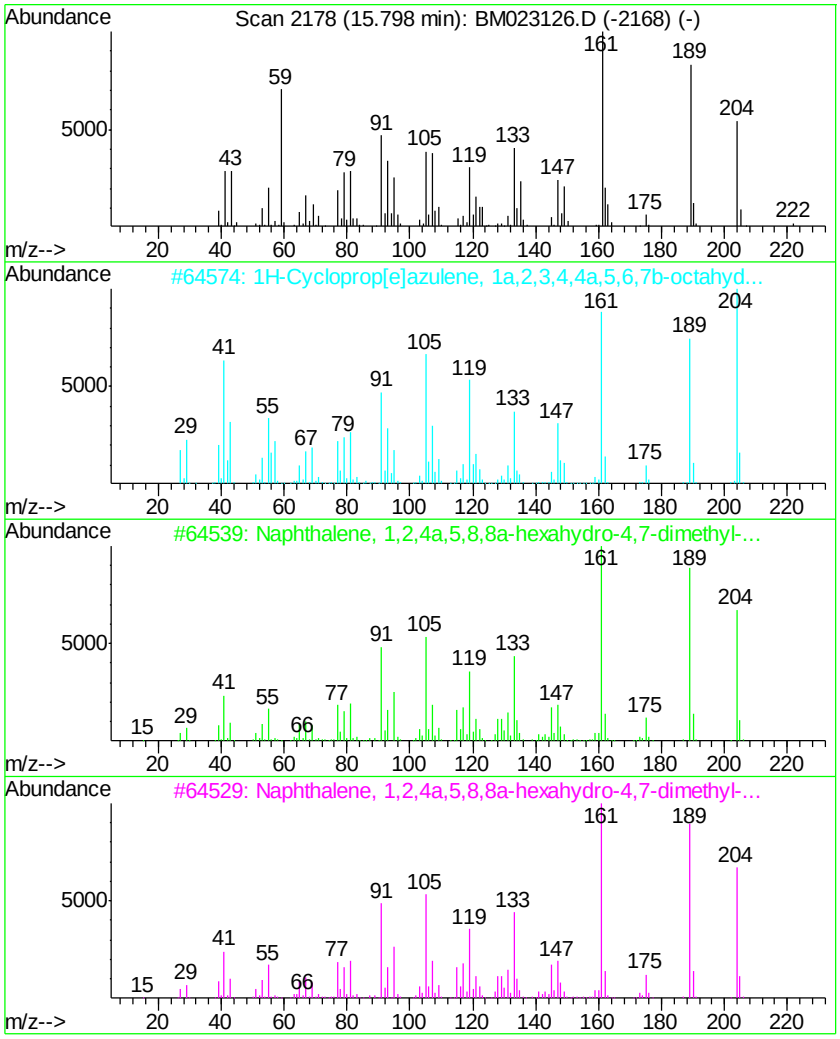
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

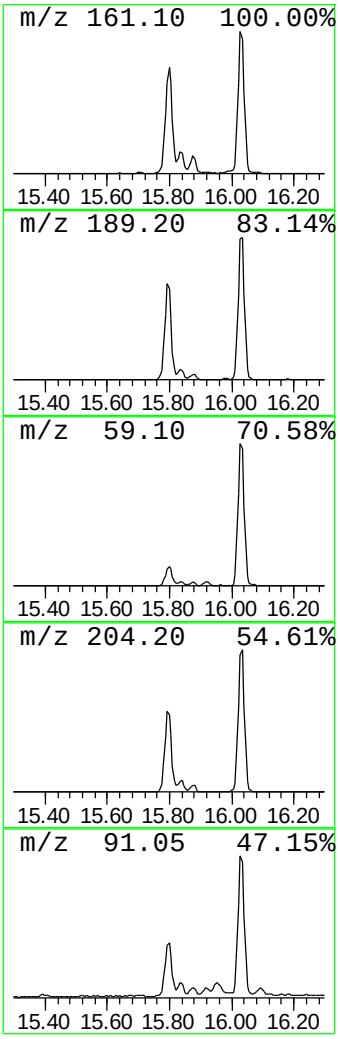
****

Peak Number 1 1H-Cycloprop[e]azulene, 1a,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	7.20 ng/ul	651719	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	90
2	Naphthalene, 1,2,4a,5,8,8a-hexah...	204	C15H24	005951-61-1	89
3	Naphthalene, 1,2,4a,5,8,8a-hexah...	204	C15H24	000523-47-7	89
4	2-Naphthalenemethanol, 1,2,3,4,4...	222	C15H26O	001209-71-8	87
5	4,7-Methanoazulene, 1,2,3,4,5,6,...	204	C15H24	000514-51-2	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101119\
Data File : BM023126.D
Acq On : 11 Oct 2019 12:56
Operator : JU
Sample : K5124-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM74

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

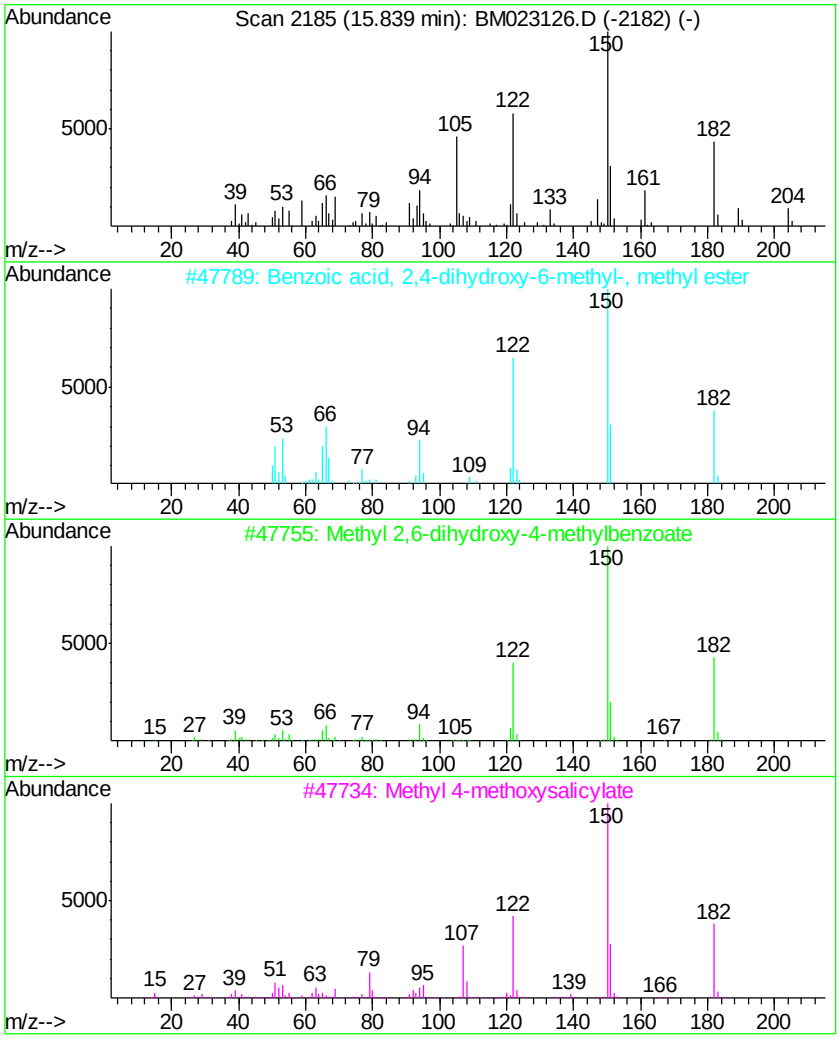
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

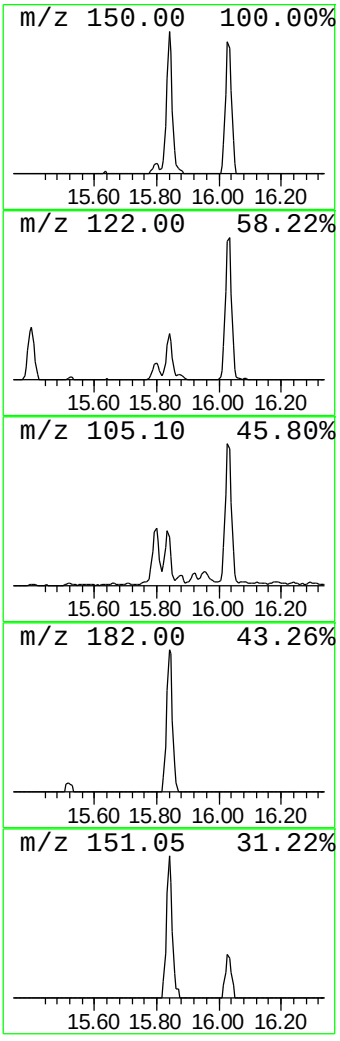
****

Peak Number 2 Benzoic acid, 2,4-dihydroxy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	2.22 ng/ul	200766	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4-dihydroxy-6-me...	182	C9H10O4	003187-58-4	95
2	Methyl 2,6-dihydroxy-4-methylben...	182	C9H10O4	016846-10-9	83
3	Methyl 4-methoxysalicylate	182	C9H10O4	005446-02-6	76
4	Methyl 4-methoxysalicylate	182	C9H10O4	005446-02-6	68
5	Ethyl 2,4-dihydroxy-6-methylbenz...	196	C10H12O4	002524-37-0	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101119\
Data File : BM023126.D
Acq On : 11 Oct 2019 12:56
Operator : JU
Sample : K5124-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM74

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

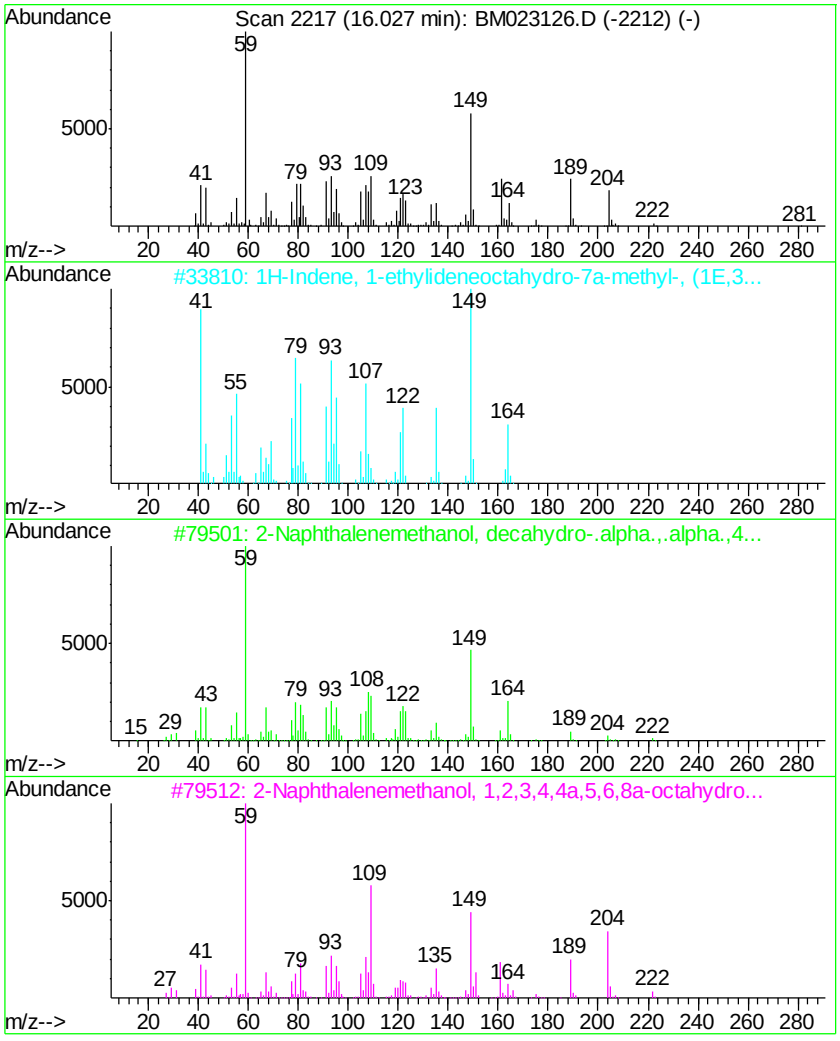
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

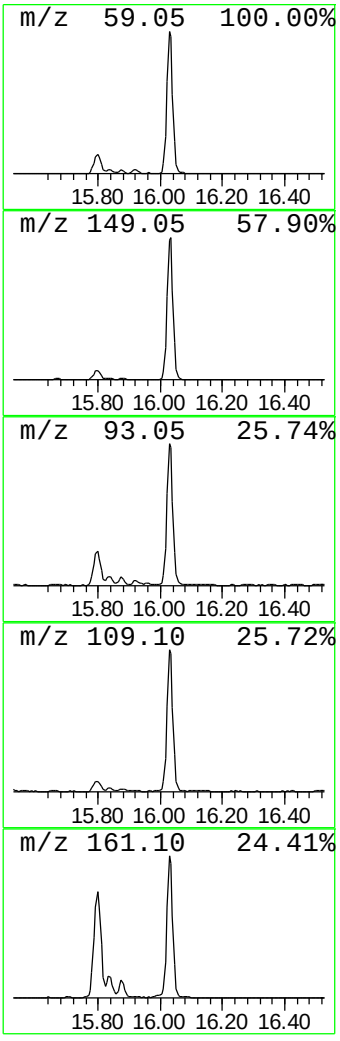
****

Peak Number 3 1H-Indene, 1-ethylideneocta... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	22.50 ng/ul	2036570	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-ethylideneoctahydro...	164	C12H20	056324-68-6	91
2	2-Naphthalenemethanol, decahydro...	222	C15H26O	000473-15-4	89
3	2-Naphthalenemethanol, 1,2,3,4,4...	222	C15H26O	079254-46-9	72
4	2-Naphthalenemethanol, decahydro...	222	C15H26O	000473-15-4	64
5	2-Naphthalenemethanol, 1,2,3,4,4...	222	C15H26O	000473-16-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101119\
Data File : BM023126.D
Acq On : 11 Oct 2019 12:56
Operator : JU
Sample : K5124-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM74

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

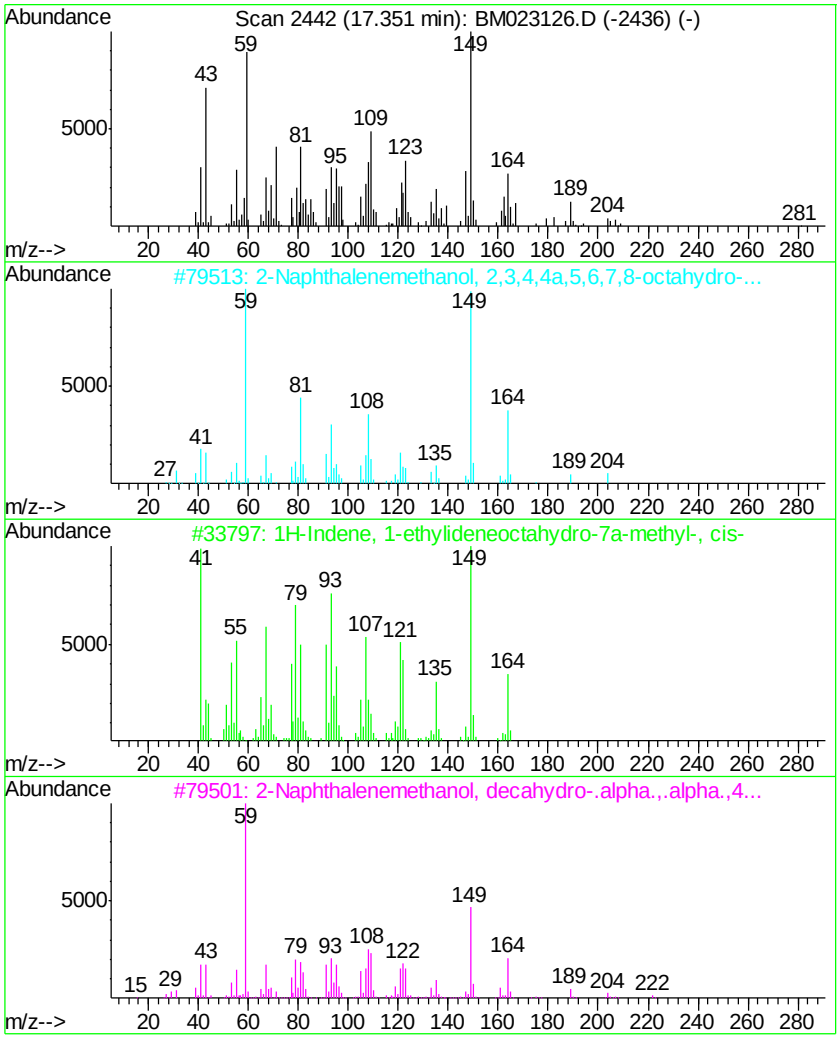
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

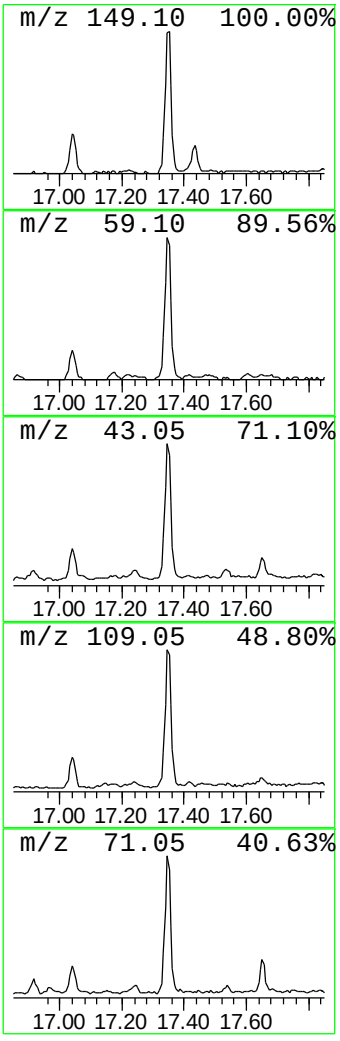
****

Peak Number 4 2-Naphthalenemethanol, 2,3,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.35	4.76 ng/ul	430595	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenemethanol, 2,3,4,4a,...	222	C15H26O	063891-61-2	50
2	1H-Indene, 1-ethylideneoctahydro...	164	C12H20	056362-87-9	35
3	2-Naphthalenemethanol, decahydro...	222	C15H26O	000473-15-4	35
4	Benzene, 1-(1,1-dimethylethyl)-4...	164	C11H16O	005396-38-3	25
5	Benzene, 1-(1,1-dimethylethyl)-4...	164	C11H16O	005396-38-3	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101119\
Data File : BM023126.D
Acq On : 11 Oct 2019 12:56
Operator : JU
Sample : K5124-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM74

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

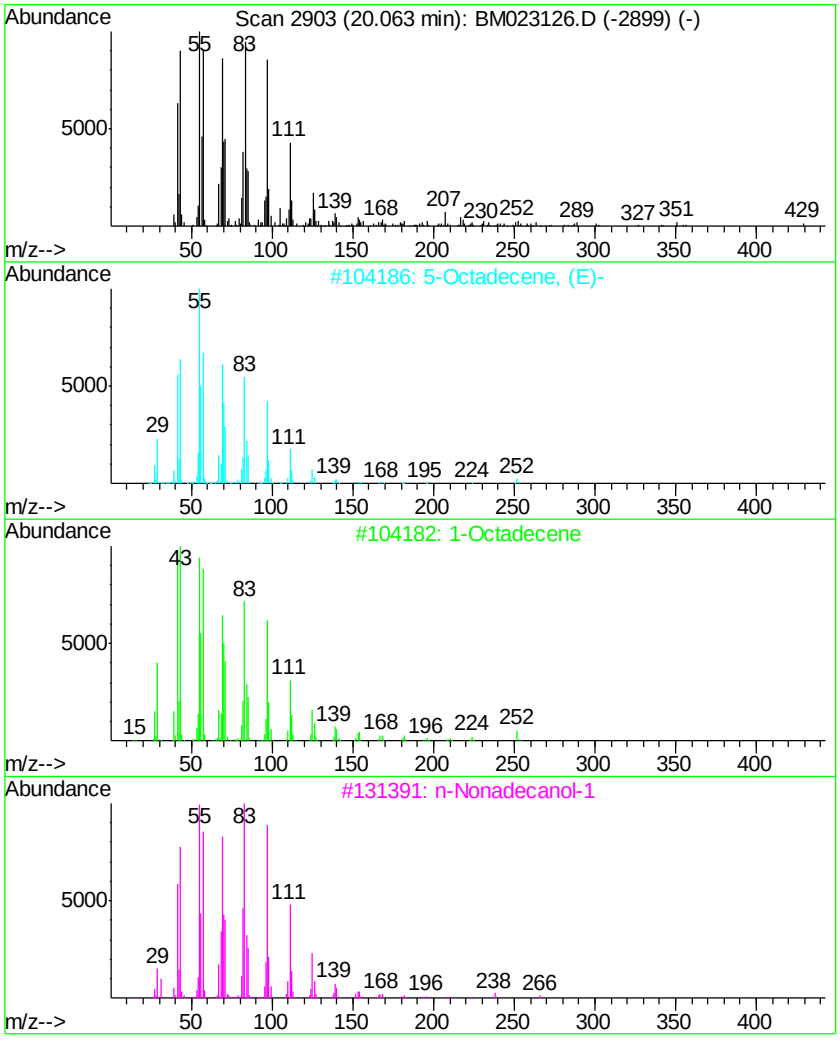
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

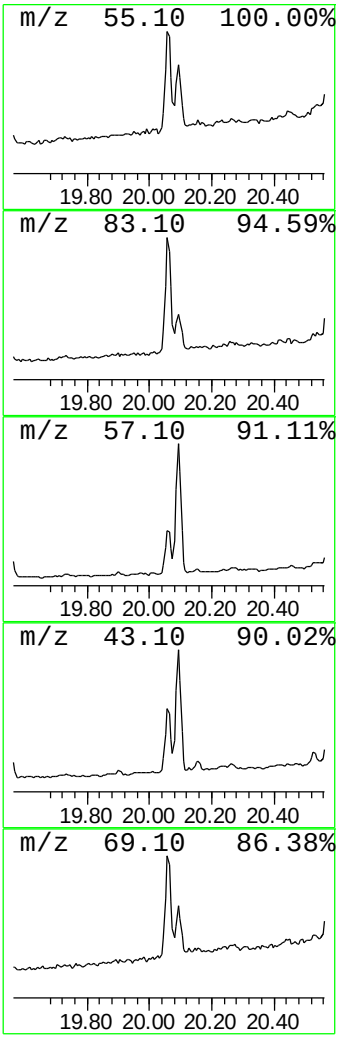
****

Peak Number 5 (DEL) Alkane: Cyclic20.06 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	3.25 ng/ul	340950	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	98
2	1-Octadecene	252	C18H36	000112-88-9	95
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
4	1-Octadecene	252	C18H36	000112-88-9	95
5	n-Heptadecanol-1	256	C17H36O	001454-85-9	95





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101119\
Data File : BM023126.D
Acq On : 11 Oct 2019 12:56
Operator : JU
Sample : K5124-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM74

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

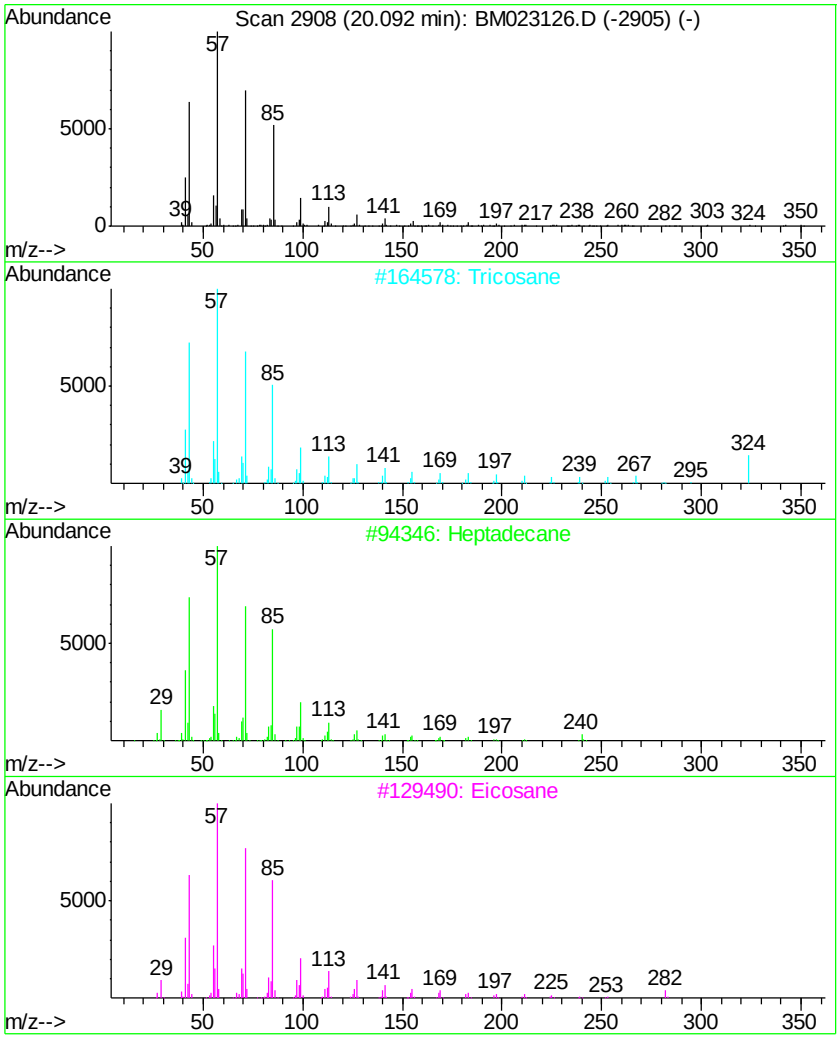
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

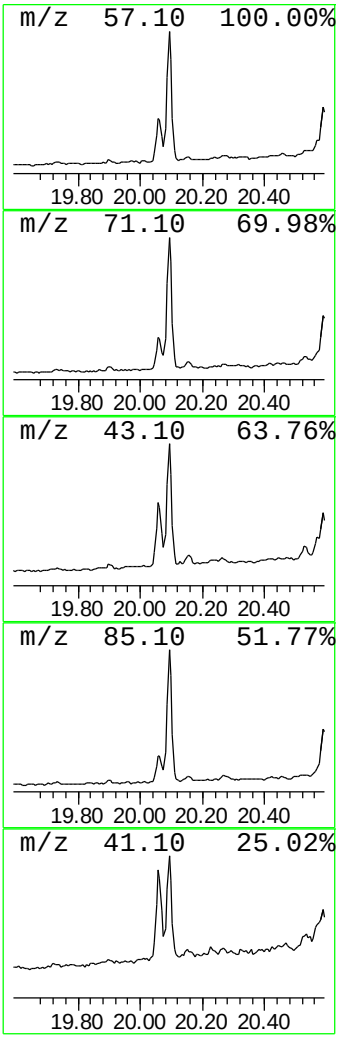
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.09	3.45 ng/ul	361870	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	93
2	Heptadecane	240	C17H36	000629-78-7	90
3	Eicosane	282	C20H42	000112-95-8	87
4	Hexadecane	226	C16H34	000544-76-3	86
5	Hexadecane	226	C16H34	000544-76-3	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101119\
Data File : BM023126.D
Acq On : 11 Oct 2019 12:56
Operator : JU
Sample : K5124-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM74

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

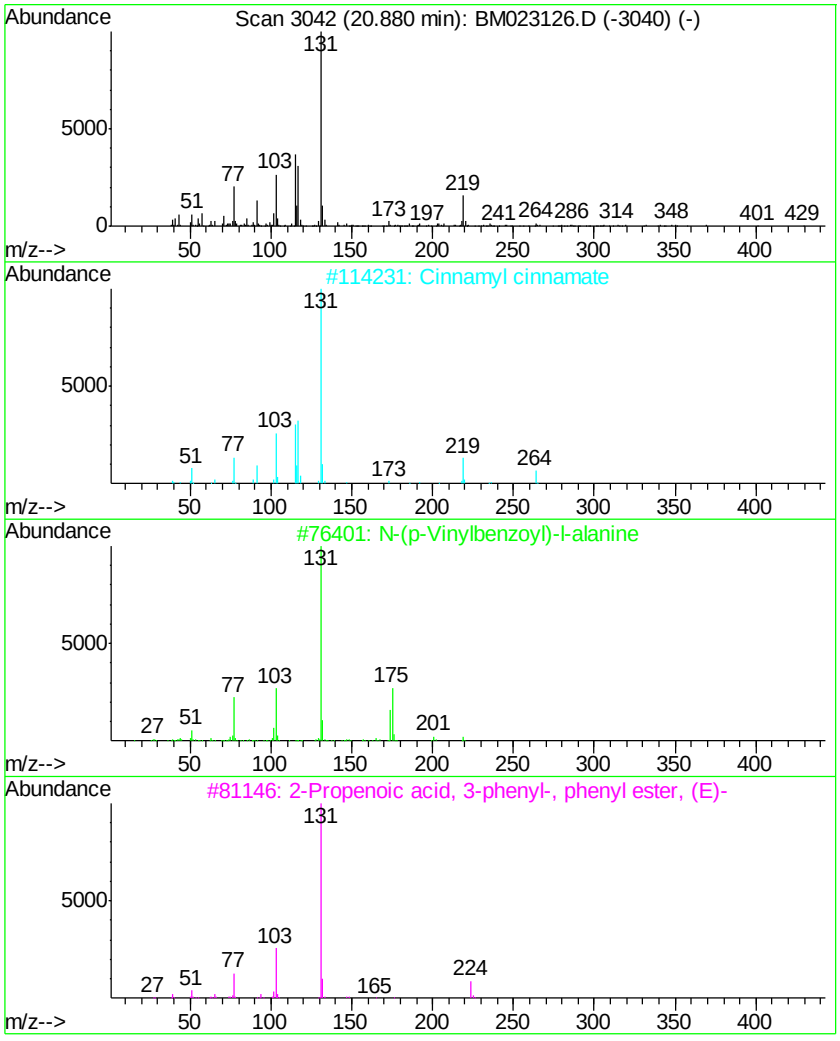
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

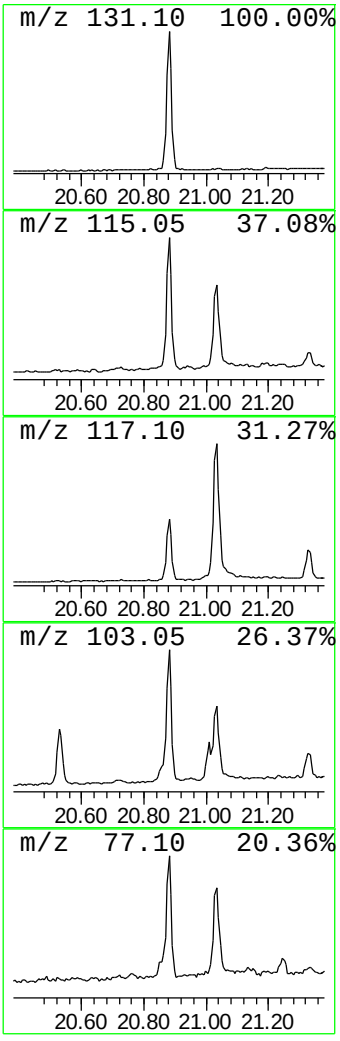
****

Peak Number 7 Cinnamyl cinnamate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.88	2.47 ng/ul	259208	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	87
2	N-(p-Vinylbenzoyl)-l-alanine	219	C12H13NO3	139184-60-4	50
3	2-Propenoic acid, 3-phenyl-, phe...	224	C15H12O2	025695-77-6	47
4	Cinnamoylglycine, methyl ester	219	C12H13NO3	040778-04-9	40
5	Oxalic acid, monoamide monohydra...	323	C18H17N3O3	1000294-01-4	40





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101119\
Data File : BM023126.D
Acq On : 11 Oct 2019 12:56
Operator : JU
Sample : K5124-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM74

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

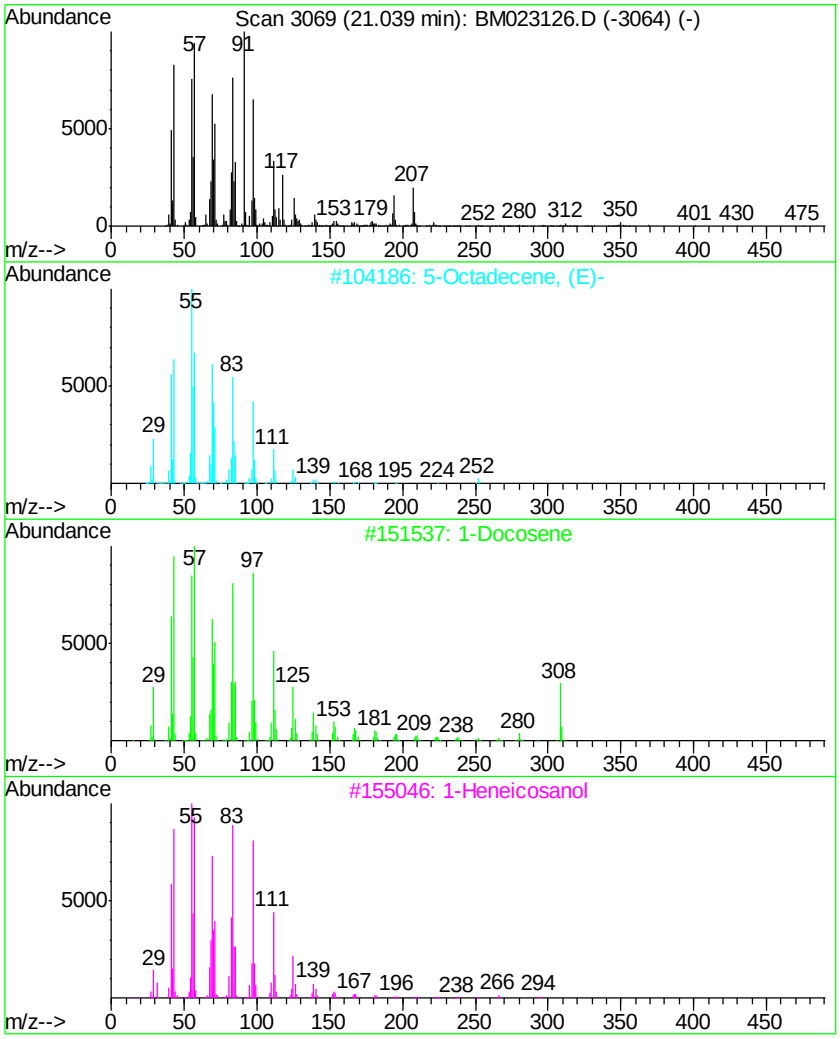
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

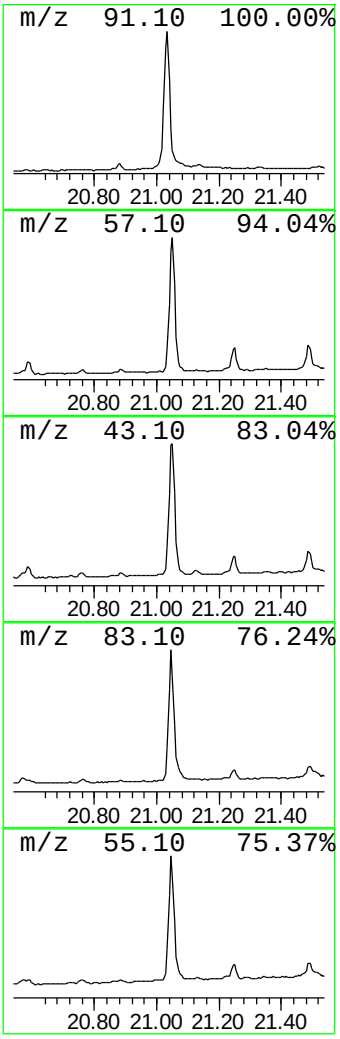
****

Peak Number 8 (DEL) Alkane: Cyclic21.04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	28.90 ng/ul	3028730	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	93
2	1-Docosene	308	C22H44	001599-67-3	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	92
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101119\
Data File : BM023126.D
Acq On : 11 Oct 2019 12:56
Operator : JU
Sample : K5124-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM74

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

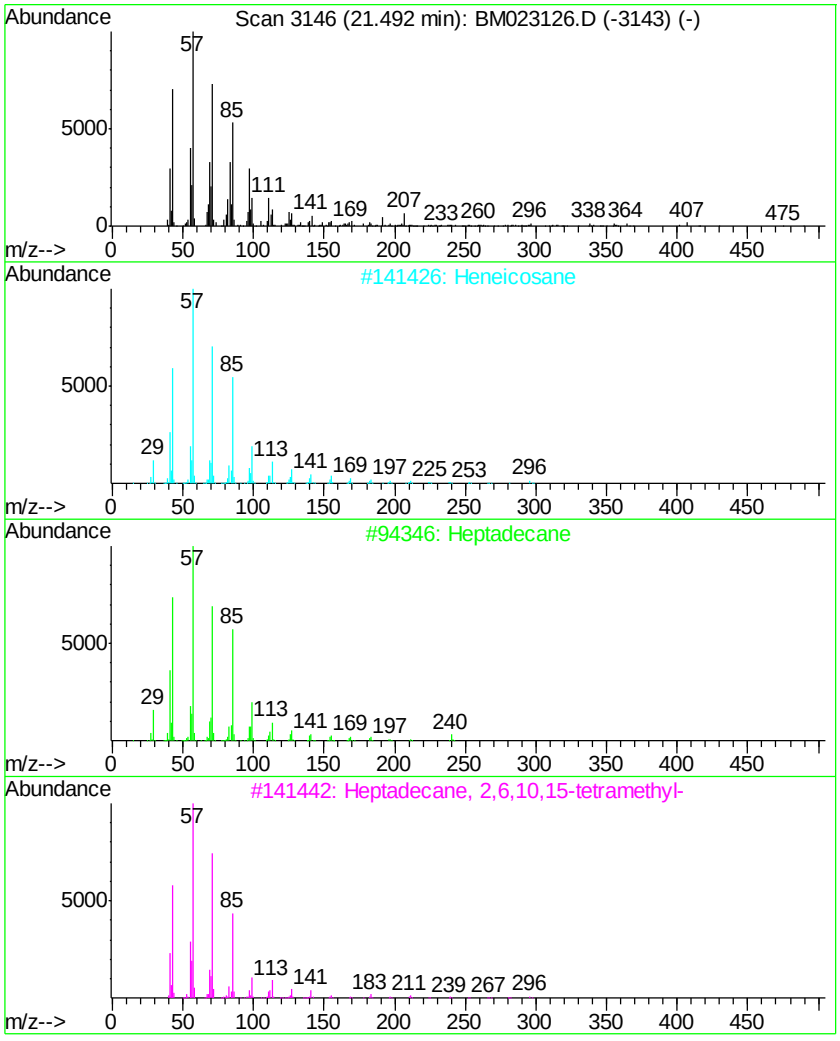
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

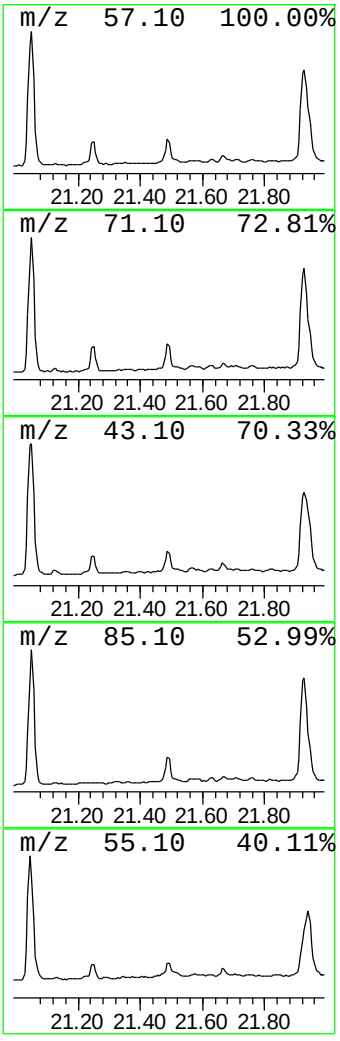
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.49	2.01 ng/ul	210317	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Heptadecane	240	C17H36	000629-78-7	95
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	94
4	Hexadecane	226	C16H34	000544-76-3	93
5	Heneicosane	296	C21H44	000629-94-7	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101119\
Data File : BM023126.D
Acq On : 11 Oct 2019 12:56
Operator : JU
Sample : K5124-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM74

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

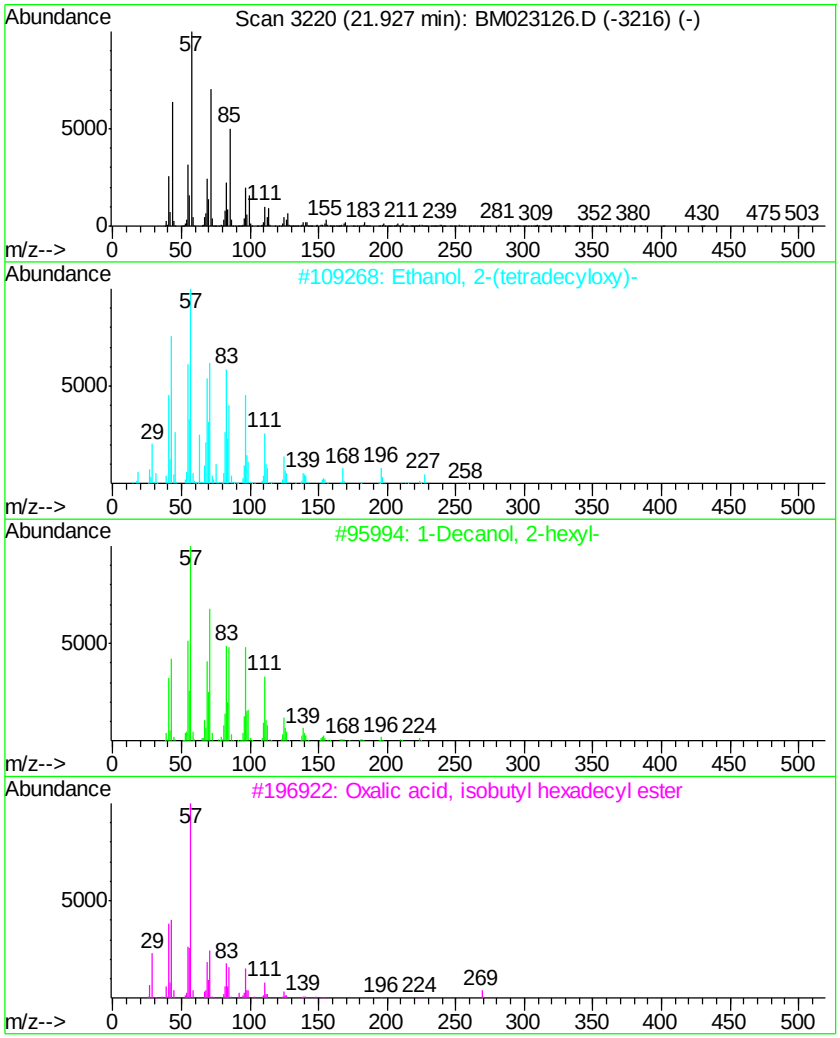
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

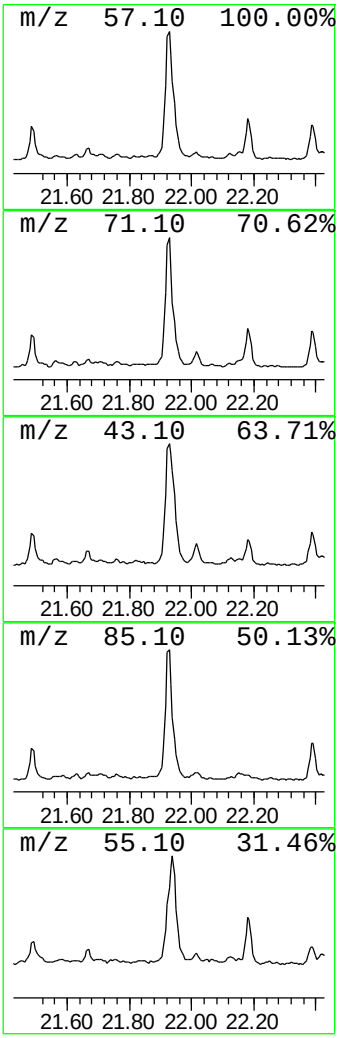
****

Peak Number 10 Ethanol, 2-(tetradecyloxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.93	19.07 ng/ul	1998170	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	93
2	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
3	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
4	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	76
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101119\
Data File : BM023126.D
Acq On : 11 Oct 2019 12:56
Operator : JU
Sample : K5124-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM74

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

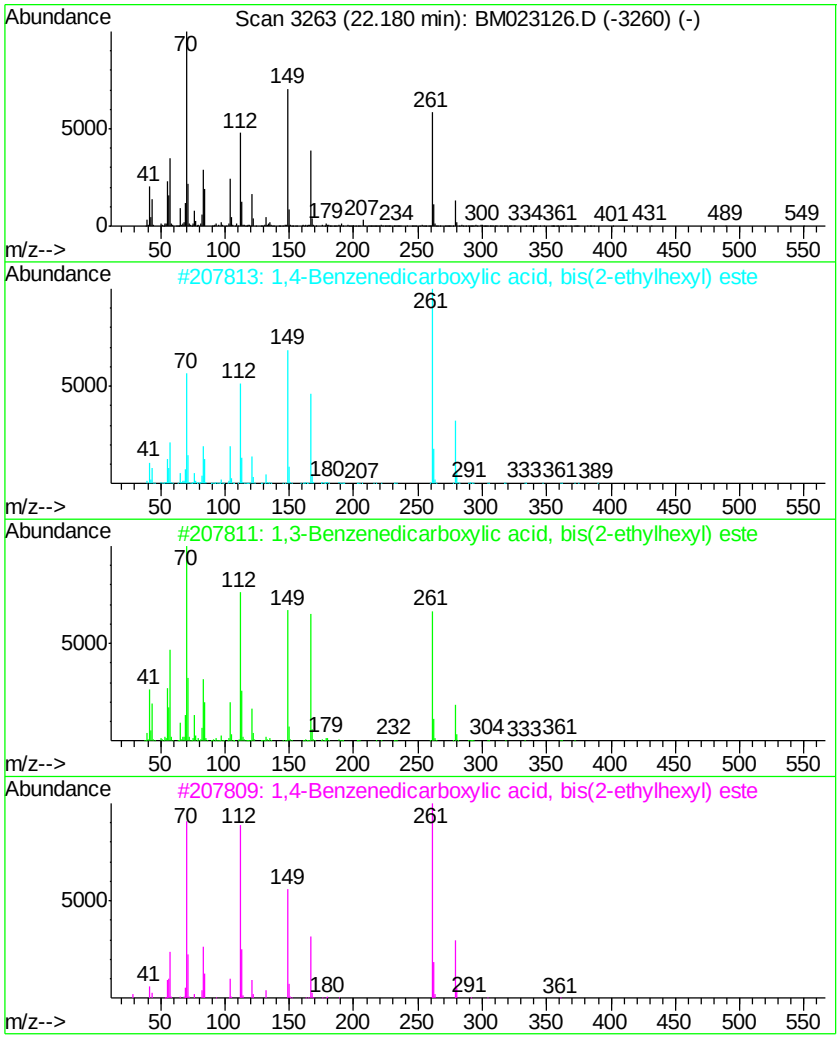
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

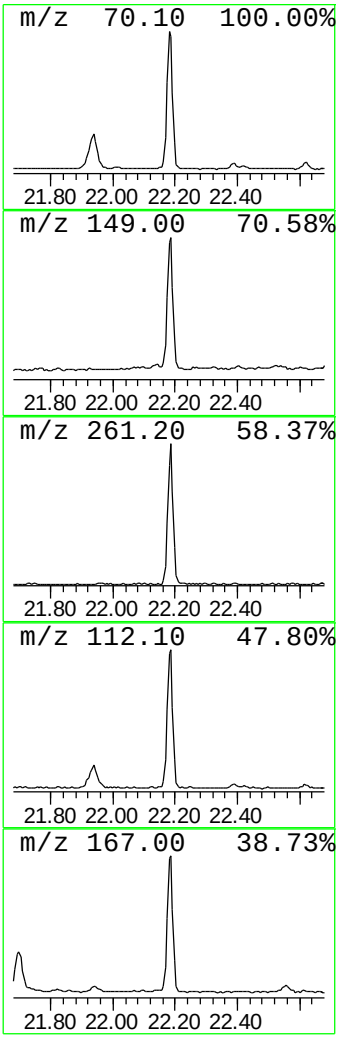
****

Peak Number 11 1,4-Benzenedicarboxylic aci... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.18	10.88 ng/ul	1140470	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	87
2	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	52
3	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	47
4	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	47
5	Terephthalic acid, monochloride,...	296	C16H21ClO3	1000324-22-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101119\
Data File : BM023126.D
Acq On : 11 Oct 2019 12:56
Operator : JU
Sample : K5124-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM74

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

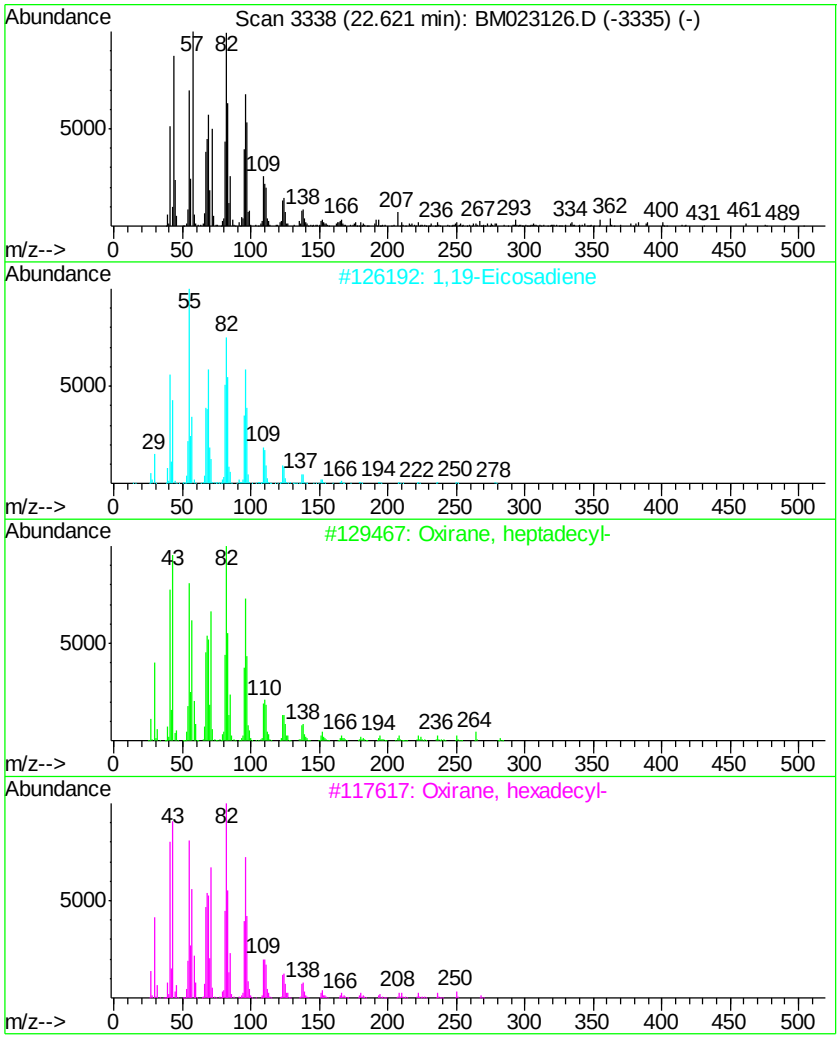
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

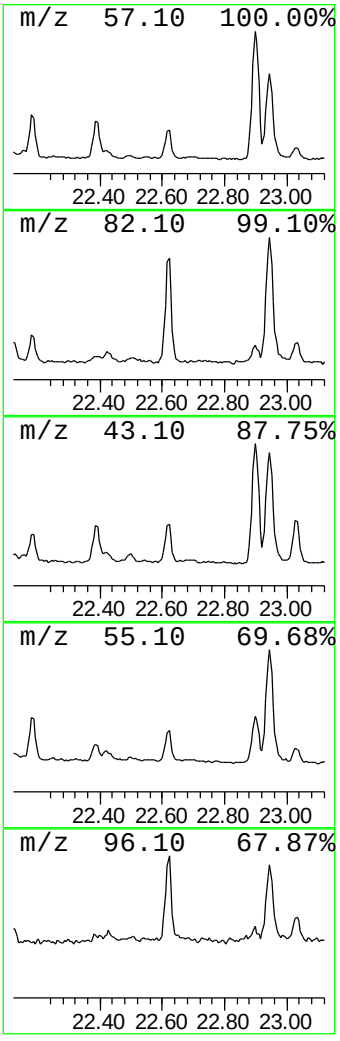
****

Peak Number 12 1,19-Eicosadiene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.62	3.42 ng/ul	373481	Perylene-d12	23.58

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	91
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	Heptadecanal	254	C17H34O	1000376-70-0	91
5	Octadecanal	268	C18H36O	000638-66-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101119\
Data File : BM023126.D
Acq On : 11 Oct 2019 12:56
Operator : JU
Sample : K5124-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM74

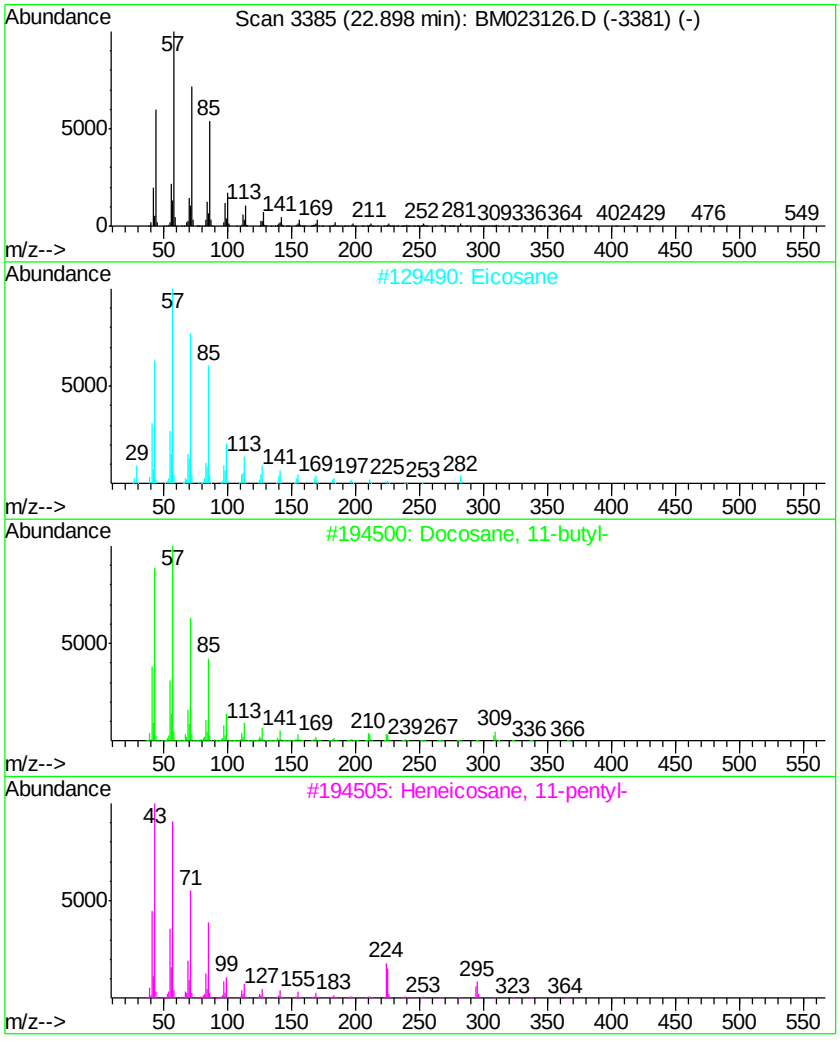
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

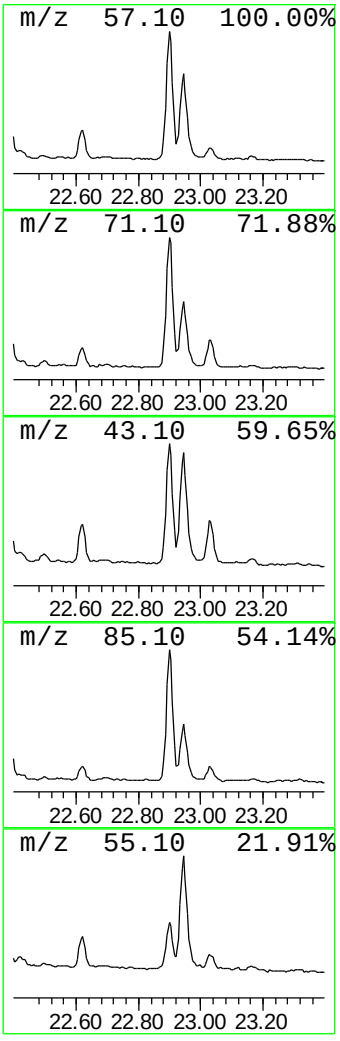
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.90	9.13 ng/ul	996128	Perylene-d12	23.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	94
3	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93
4	Octacosane	394	C28H58	000630-02-4	91
5	Tetracosane	338	C24H50	000646-31-1	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101119\
Data File : BM023126.D
Acq On : 11 Oct 2019 12:56
Operator : JU
Sample : K5124-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM74

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

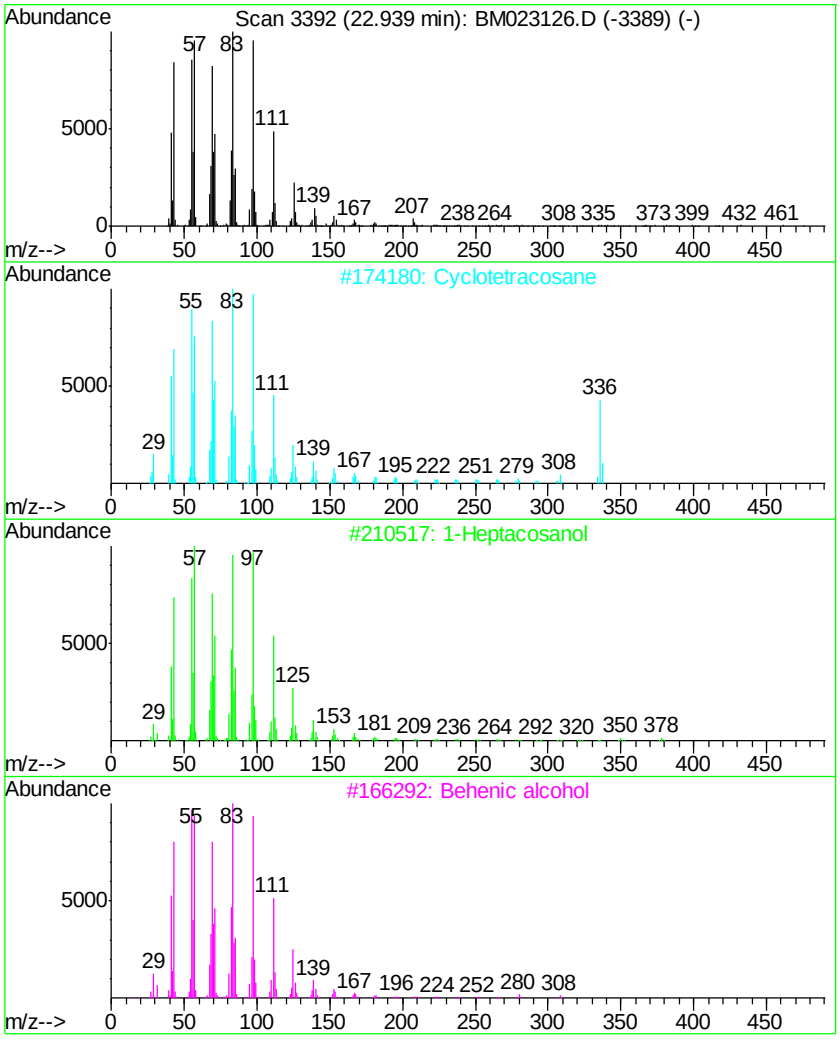
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

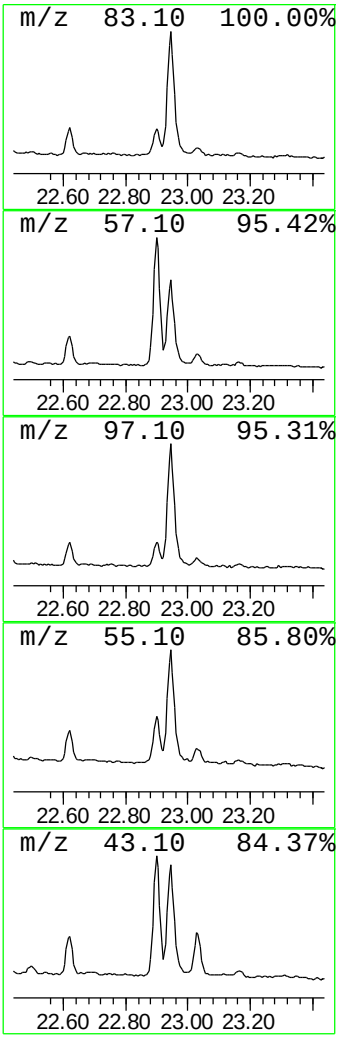
****

Peak Number 14 (DEL) Alkane: Cyclic22.94 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.94	14.99 ng/ul	1634980	Perylene-d12	23.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	97
2	1-Heptacosanol	396	C27H56O	002004-39-9	95
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101119\
Data File : BM023126.D
Acq On : 11 Oct 2019 12:56
Operator : JU
Sample : K5124-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM74

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

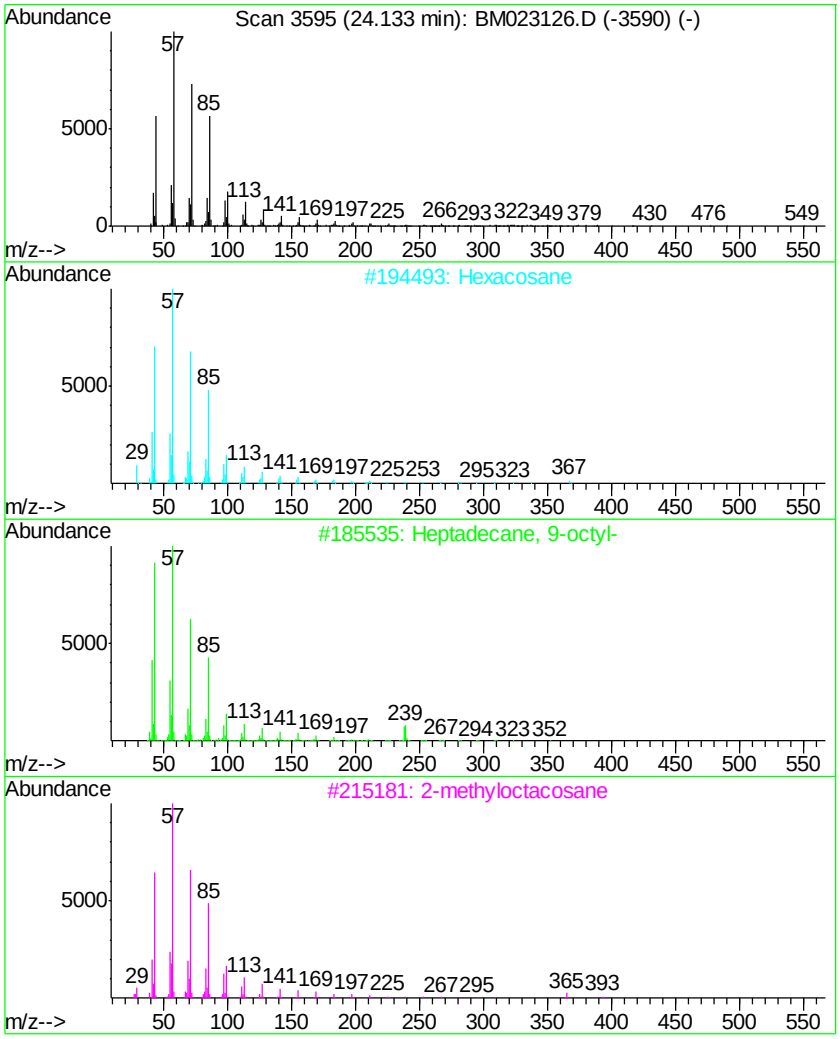
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

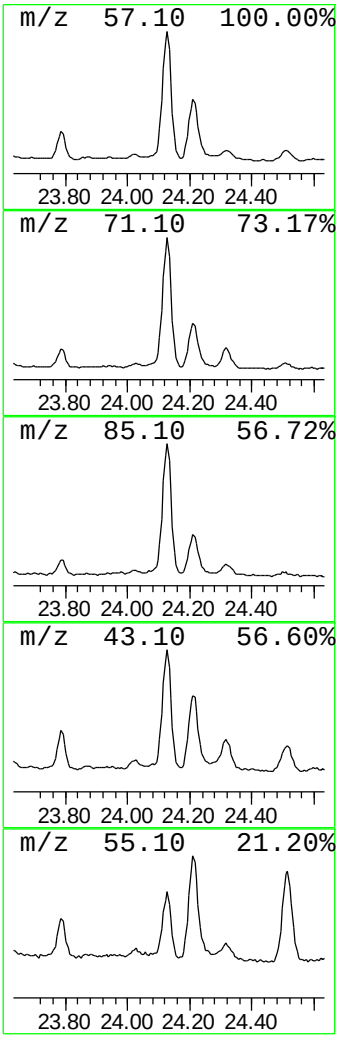
****

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	9.71 ng/ul	1059810	Perylene-d12	23.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heneicosane	296	C21H44	000629-94-7	91





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101119\
Data File : BM023126.D
Acq On : 11 Oct 2019 12:56
Operator : JU
Sample : K5124-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM74

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

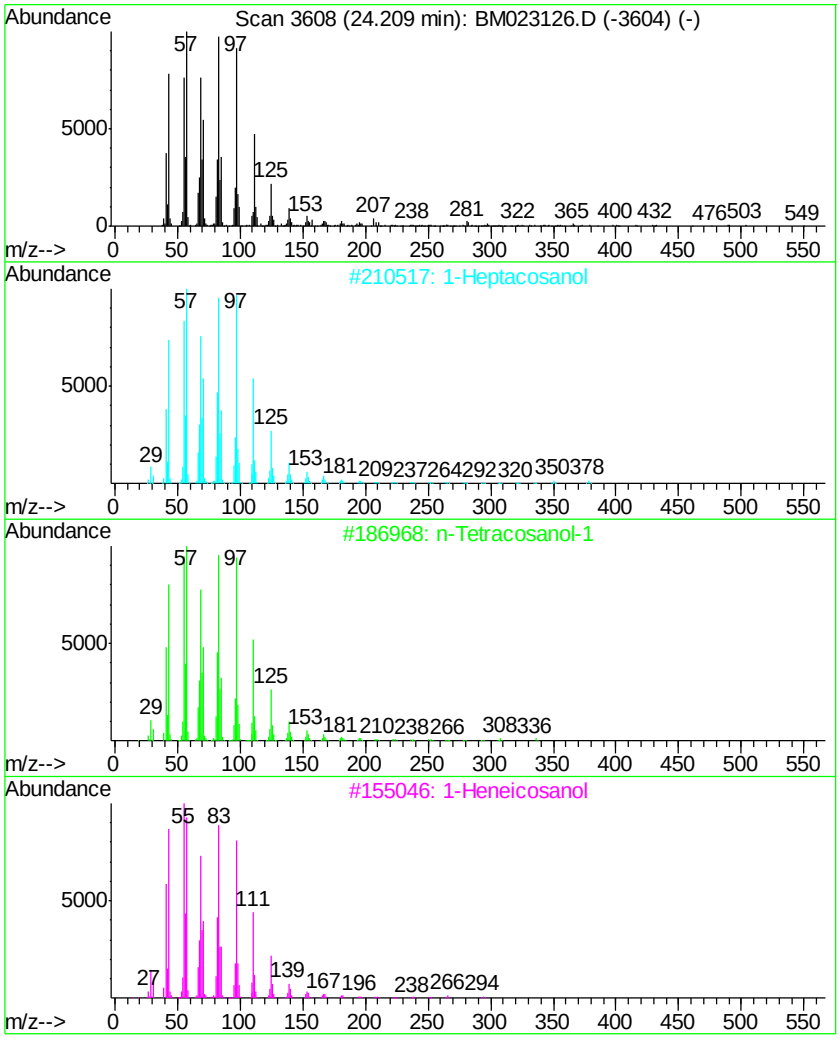
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

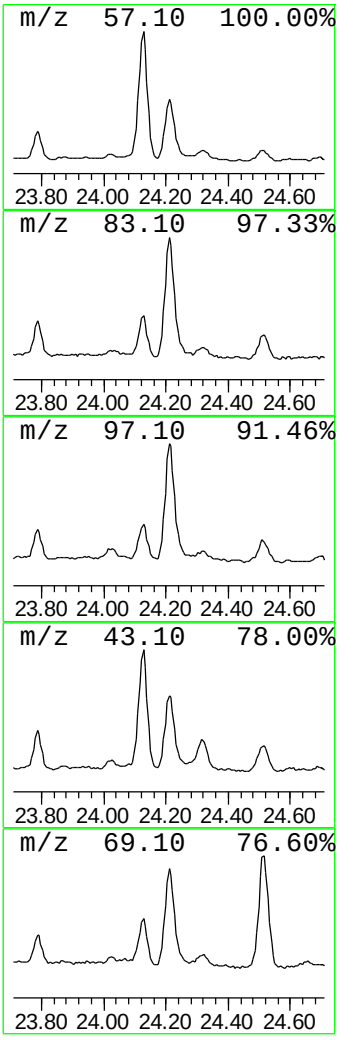
****

Peak Number 16 1-Heptacosanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.21	10.09 ng/ul	1100690	Perylene-d12	23.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101119\
Data File : BM023126.D
Acq On : 11 Oct 2019 12:56
Operator : JU
Sample : K5124-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM74

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

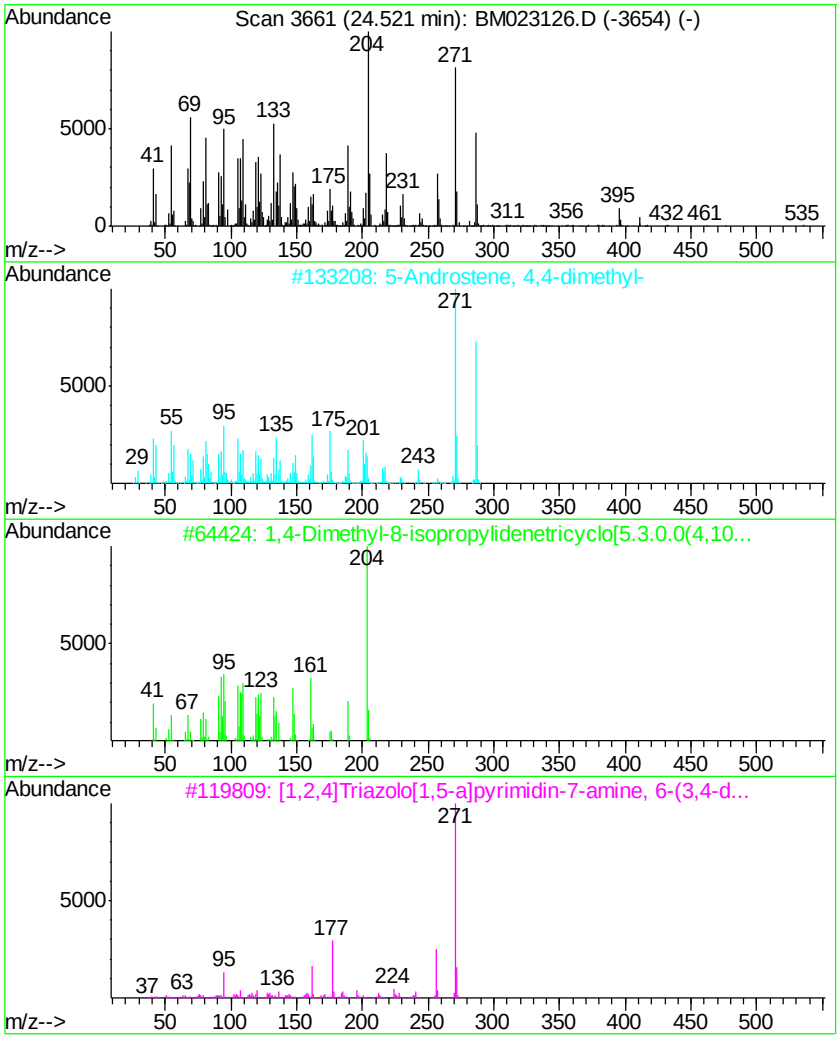
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

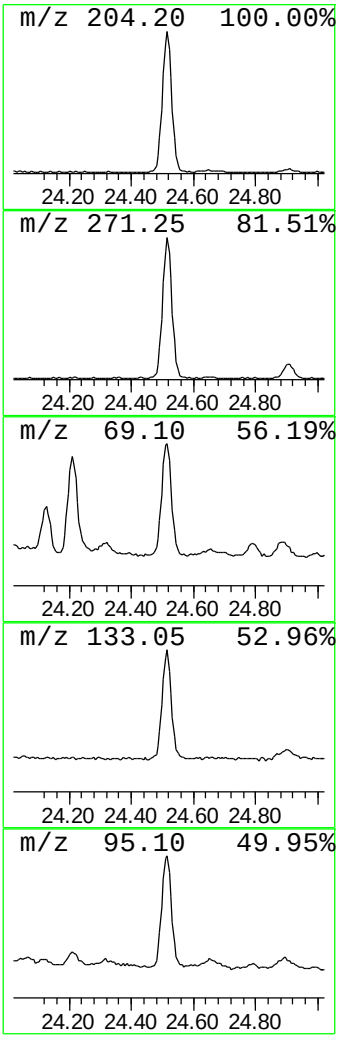
****

Peak Number 17 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.52	26.87 ng/ul	2931120	Perylene-d12	23.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Androstene, 4,4-dimethyl-	286	C21H34	1000194-15-4	46
2	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	41
3	[1,2,4]Triazolo[1,5-a]pyrimidin-...	271	C13H13N5O2	1000351-09-3	35
4	1H-3a,7-Methanoazulene, octahydr...	204	C15H24	000508-55-4	30
5	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	27





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101119\
Data File : BM023126.D
Acq On : 11 Oct 2019 12:56
Operator : JU
Sample : K5124-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM74

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

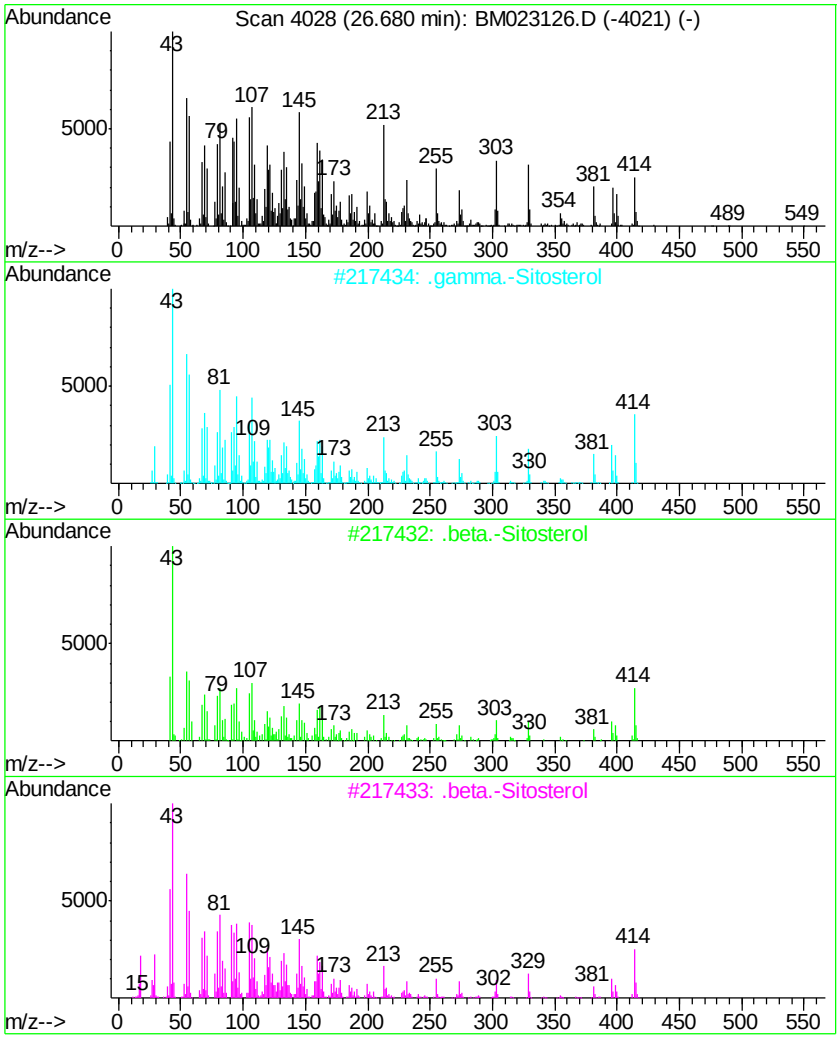
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

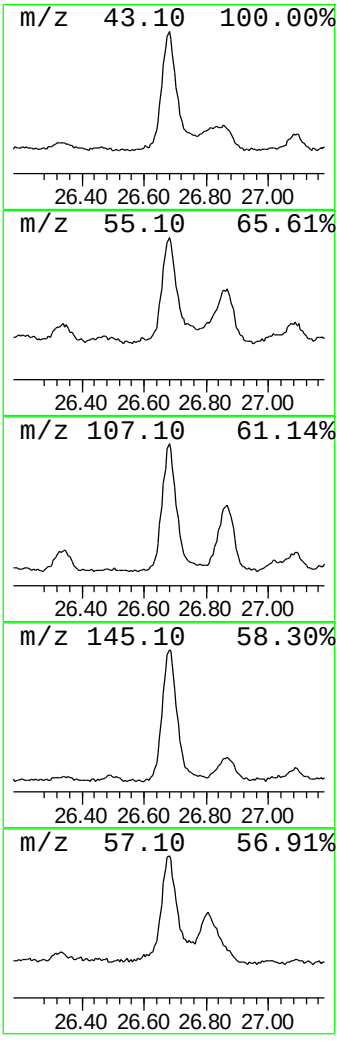
****

Peak Number 18 .gamma.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.68	25.90 ng/ul	2825520	Perylene-d12	23.58

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	91
3	.beta.-Sitosterol	414	C29H50O	000083-46-5	90
4	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	53
5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101119\
Data File : BM023126.D
Acq On : 11 Oct 2019 12:56
Operator : JU
Sample : K5124-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM74

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1H-Cycloprop[e]az...	15.80	7.2	ng/ul	651719	4	17.15	1809890	20.0
Benzoic acid, 2,4...	15.84	2.2	ng/ul	200766	4	17.15	1809890	20.0
1H-Indene, 1-ethy...	16.03	22.5	ng/ul	2036570	4	17.15	1809890	20.0
2-Naphthalenemeth...	17.35	4.8	ng/ul	430595	4	17.15	1809890	20.0
(DEL) Alkane: Cyc...	20.06	3.3	ng/ul	340950	5	21.33	2095770	20.0
(DEL) Alkane: Str...	20.09	3.5	ng/ul	361870	5	21.33	2095770	20.0
Cinnamyl cinnamate	20.88	2.5	ng/ul	259208	5	21.33	2095770	20.0
(DEL) Alkane: Cyc...	21.04	28.9	ng/ul	3028730	5	21.33	2095770	20.0
(DEL) Alkane: Str...	21.49	2.0	ng/ul	210317	5	21.33	2095770	20.0
Ethanol, 2-(tetra...	21.93	19.1	ng/ul	1998170	5	21.33	2095770	20.0
1,4-Benzenedicarb...	22.18	10.9	ng/ul	1140470	5	21.33	2095770	20.0
1,19-Eicosadiene	22.62	3.4	ng/ul	373481	6	23.58	2181990	20.0
(DEL) Alkane: Str...	22.90	9.1	ng/ul	996128	6	23.58	2181990	20.0
(DEL) Alkane: Cyc...	22.94	15.0	ng/ul	1634980	6	23.58	2181990	20.0
(DEL) Alkane: Str...	24.13	9.7	ng/ul	1059810	6	23.58	2181990	20.0
1-Heptacosanol	24.21	10.1	ng/ul	1100690	6	23.58	2181990	20.0
unknown-01	24.52	26.9	ng/ul	2931120	6	23.58	2181990	20.0
.gamma.-Sitosterol	26.68	25.9	ng/ul	2825520	6	23.58	2181990	20.0