LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040819\
Data File : BM019810.D
Acq On : 09 Apr 2019 00:29
Operator : JU/SJ
Sample : K2188-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF661

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-BM032219MA.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	3.116	19	22	36	rVB	46549	73248	2.09%	0.198%
2	3.522	88	91	97	rBV3	9579	12906	0.37%	0.035%
3	3.616	103	107	117	rBV	53912	74492	2.13%	0.201%
4	3.687	117	119	127	rVB6	8295	14045	0.40%	0.038%
5	3.810	135	140	144	rVB	21925	30979	0.88%	0.084%
6	4.704	289	292	299	rVB2	6441	12119	0.35%	0.033%
7	5.563	433	438	444	rBV6	7363	11876	0.34%	0.032%
8	6.751	634	640	658	rBV	279680	588587	16.79%	1.588%
9	6.910	661	667	679	rBV	256013	465469	13.28%	1.256%
10	7.092	691	698	711	rBV	394557	665416	18.98%	1.795%
11	7.557	770	777	785	rBV	566187	912802	26.04%	2.462%
12	8.281	891	900	918	rBV	301134	617085	17.60%	1.665%
13	8.728	968	976	990	rBV	319486	597044	17.03%	1.611%
14	9.045	1026	1030	1036	rVB2	19775	27444	0.78%	0.074%
15	9.439	1087	1097	1113	rBV	266127	505400	14.42%	1.363%
16	9.975	1182	1188	1206	rBV	339033	736204	21.00%	1.986%
17	10.280	1233	1240	1243	rVV2	15408	26710	0.76%	0.072%
18	10.333	1243	1249	1262	rVV	759013	1256387	35.84%	3.389%
19	10.457	1266	1270	1273	rVV3	10741	16310	0.47%	0.044%
20	10.510	1273	1279	1304	rVB	175014	463795	13.23%	1.251%
21	10.780	1321	1325	1333	rVB2	9786	20550	0.59%	0.055%
22	11.133	1381	1385	1391	rVV5	7698	14422	0.41%	0.039%
23	11.216	1396	1399	1406	rVB6	11399	21214	0.61%	0.057%
24	11.322	1411	1417	1421	rBV	38171	61509	1.75%	0.166%
25	11.398	1427	1430	1439	rVB5	5850	14564	0.42%	0.039%
26	11.498	1439	1447	1449	rBV5	19293	37590	1.07%	0.101%
27	11.580	1457	1461	1466	rVB5	17506	26219	0.75%	0.071%
28	11.733	1482	1487	1493	rBV	62115	96989	2.77%	0.262%
29	11.957	1518	1525	1532	rVB8	21754	50608	1.44%	0.137%
30	12.045	1534	1540	1546	rBV8	11151	24195	0.69%	0.065%
31	12.380	1592	1597	1602	rBV5	24421	45558	1.30%	0.123%
32	12.445	1602	1608	1611	rVV6	11535	26407	0.75%	0.071%
33	12.492	1613	1616	1620	rVV5	18044	25272	0.72%	0.068%
34	12.568	1626	1629	1632	rBV3	14464	13747	0.39%	0.037%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040819\
Data File : BM019810.D
Acq On : 09 Apr 2019 00:29
Operator : JU/SJ
Sample : K2188-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF661

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-BM032219MA.M
Title : SVOA CALIBRATION

35	12.604	1633	1635	1640	rVB4	15993	20291	0.58%	0.055%
36	12.657	1640	1644	1648	rBV3	18430	28894	0.82%	0.078%
37	12.710	1648	1653	1658	rVB	87087	124260	3.54%	0.335%
38	12.951	1690	1694	1696	rBV4	15642	20935	0.60%	0.056%
39	13.010	1696	1704	1712	rVB	149551	265333	7.57%	0.716%
40	13.239	1741	1743	1749	rVB6	15063	20699	0.59%	0.056%
41	13.398	1763	1770	1773	rBV7	25889	51663	1.47%	0.139%
42	13.527	1788	1792	1798	rBV6	37564	74095	2.11%	0.200%
43	13.586	1798	1802	1806	rBV4	31764	58253	1.66%	0.157%
44	13.639	1806	1811	1815	rBV	742015	1102076	31.44%	2.973%
45	13.792	1834	1837	1841	rVB5	32263	46598	1.33%	0.126%
46	13.845	1841	1846	1850	rBV7	22885	44003	1.26%	0.119%
47	13.910	1850	1857	1868	rVV	845449	1344724	38.36%	3.628%
48	14.021	1872	1876	1883	rVB6	37040	73574	2.10%	0.198%
49	14.098	1883	1889	1894	rBV	236159	332069	9.47%	0.896%
50	14.162	1896	1900	1903	rBV4	30520	48799	1.39%	0.132%
51	14.221	1904	1910	1916	rVB2	985126	1527299	43.57%	4.120%
52	14.433	1942	1946	1952	rVB8	34904	65001	1.85%	0.175%
53	14.504	1953	1958	1967	rBV6	86691	288721	8.24%	0.779%
54	14.604	1971	1975	1979	rVV4	64147	121494	3.47%	0.328%
55	14.651	1979	1983	1988	rVV	223838	311786	8.89%	0.841%
56	14.715	1988	1994	1999	rVB5	72595	152372	4.35%	0.411%
57	14.839	2011	2015	2020	rBV7	36038	63530	1.81%	0.171%
58	14.898	2022	2025	2028	rVV4	23972	30893	0.88%	0.083%
59	15.057	2048	2052	2056	rVB	245119	287110	8.19%	0.775%
60	15.221	2074	2080	2086	rBV	1018617	1512184	43.14%	4.079%
61	15.380	2102	2107	2113	rBV	153928	272778	7.78%	0.736%
62	15.462	2116	2121	2131	rVB	165044	338903	9.67%	0.914%
63	15.798	2172	2178	2183	rVB8	44664	91774	2.62%	0.248%
64	15.939	2195	2202	2208	rBV3	369846	818462	23.35%	2.208%
65	16.268	2254	2258	2260	rBV4	32540	49572	1.41%	0.134%
66	16.380	2275	2277	2281	rVB5	44365	41743	1.19%	0.113%
67	16.721	2330	2335	2338	rBV	252835	316717	9.04%	0.854%
68	16.762	2338	2342	2347	rVB	156178	229972	6.56%	0.620%
69	16.980	2373	2379	2389	rBV	1110284	1646905	46.98%	4.443%
70	17.080	2391	2396	2403	rVB	1003533	1451511	41.41%	3.916%
71	17.151	2404	2408	2411	rBV5	33666	50742	1.45%	0.137%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040819\
Data File : BM019810.D
Acq On : 09 Apr 2019 00:29
Operator : JU/SJ
Sample : K2188-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF661

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-BM032219MA.M
Title : SVOA CALIBRATION

72	17.374	2442	2446	2450	rBV4	54176	86569	2.47%	0.234%
73	17.456	2456	2460	2464	rVB	214937	270204	7.71%	0.729%
74	17.709	2499	2503	2504	rBV3	30123	43056	1.23%	0.116%
75	17.868	2526	2530	2542	rVB4	162941	321150	9.16%	0.866%
76	18.098	2566	2569	2574	rVB6	44999	56173	1.60%	0.152%
77	18.150	2574	2578	2584	rBV	198503	287169	8.19%	0.775%
78	18.345	2610	2611	2614	rBV2	30321	37031	1.06%	0.100%
79	18.797	2683	2688	2692	rVB2	167740	215284	6.14%	0.581%
80	19.168	2747	2751	2761	rBV5	116096	228517	6.52%	0.616%
81	19.386	2783	2788	2794	rBV2	1294605	1821699	51.97%	4.914%
82	19.721	2842	2845	2849	rBV	202441	227348	6.49%	0.613%
83	19.762	2849	2852	2856	rVB	317708	331970	9.47%	0.896%
84	19.921	2876	2879	2884	rVB	104194	132645	3.78%	0.358%
85	20.268	2936	2938	2941	rBV3	47216	57432	1.64%	0.155%
86	20.415	2961	2963	2966	rVB	100482	101634	2.90%	0.274%
87	20.703	3009	3012	3015	rBV2	138646	174032	4.96%	0.469%
88	20.733	3015	3017	3020	rVB	223602	213292	6.08%	0.575%
89	20.809	3027	3030	3033	rBV4	76206	128969	3.68%	0.348%
90	20.886	3039	3043	3051	rBV2	297307	406173	11.59%	1.096%
91	21.186	3090	3094	3103	rBV	1520207	1978423	56.44%	5.337%
92	21.321	3114	3117	3119	rBV	168880	177131	5.05%	0.478%
93	21.597	3162	3164	3168	rVB2	157972	146343	4.17%	0.395%
94	21.744	3186	3189	3192	rBV	246735	263750	7.52%	0.712%
95	22.191	3263	3265	3270	rVB2	151192	189461	5.40%	0.511%
96	22.509	3316	3319	3324	rBV3	139510	190280	5.43%	0.513%
97	22.685	3346	3349	3353	rVB	312295	397817	11.35%	1.073%
98	23.250	3438	3445	3452	rVB2	1042318	2173174	62.00%	5.862%
99	23.391	3463	3469	3476	rBV	1094981	1994212	56.89%	5.380%
100	26.862	4051	4059	4077	rVB3	913307	3505357	100.00%	9.456%

Sum of corrected areas: 37069192

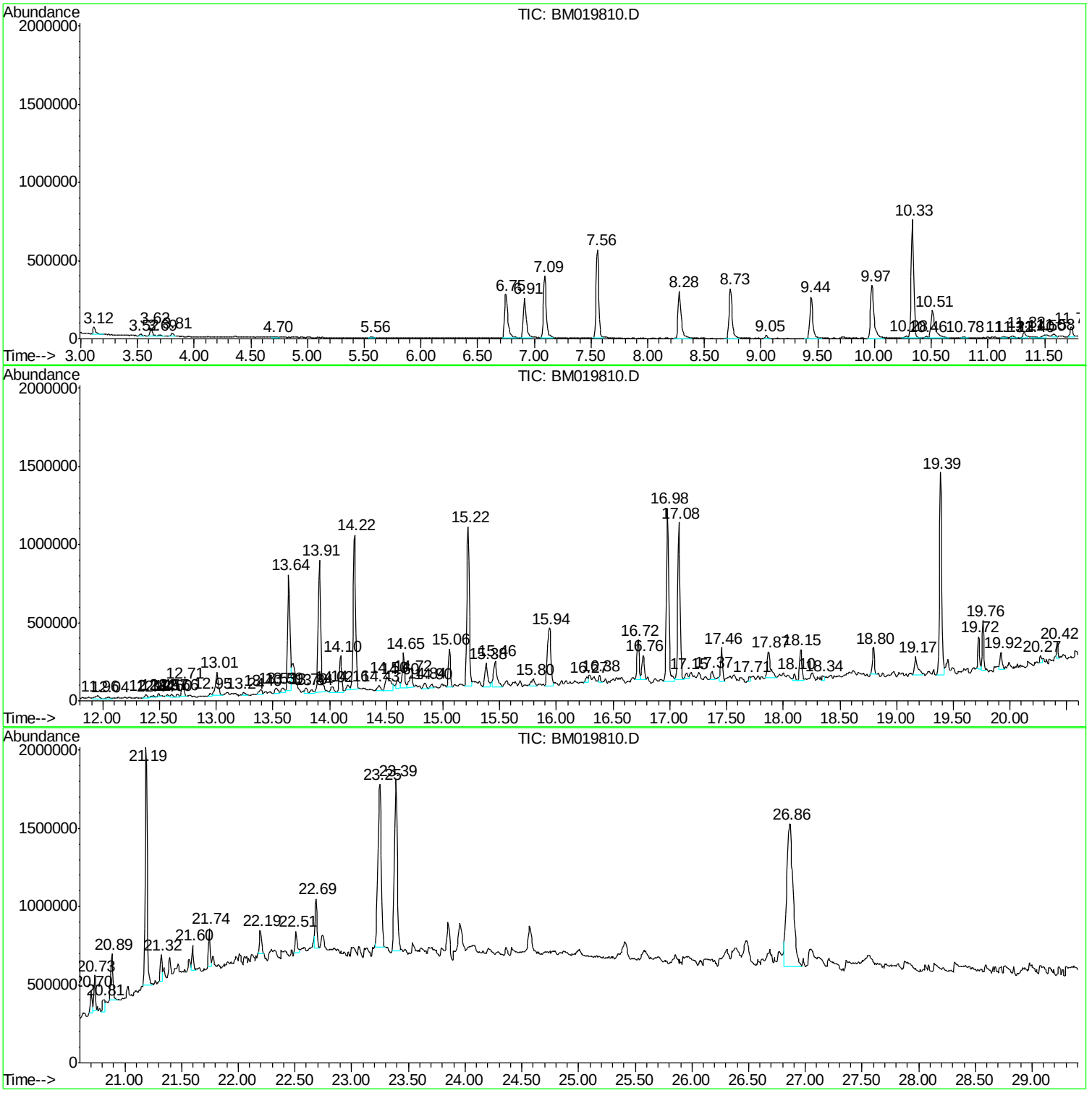
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040819\
Data File : BM019810.D
Acq On : 09 Apr 2019 00:29
Operator : JU/SJ
Sample : K2188-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF661

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.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\BM040819\
Data File : BM019810.D
Acq On : 09 Apr 2019 00:29
Operator : JU/SJ
Sample : K2188-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF661

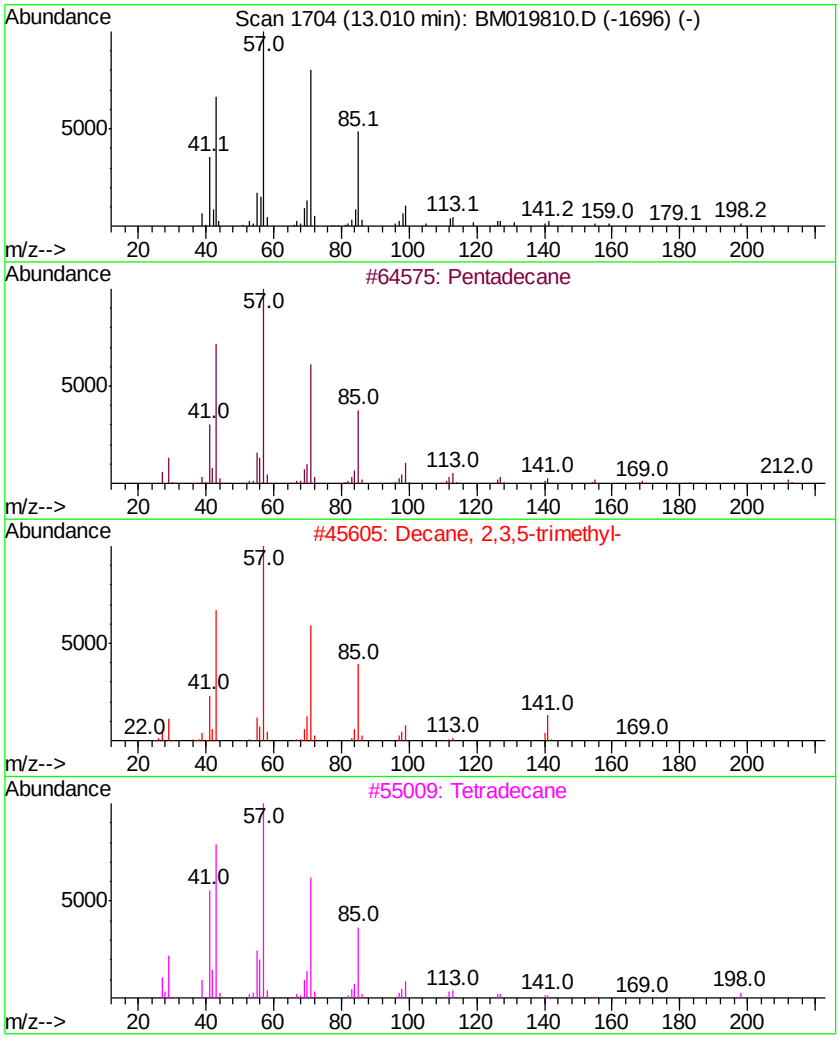
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

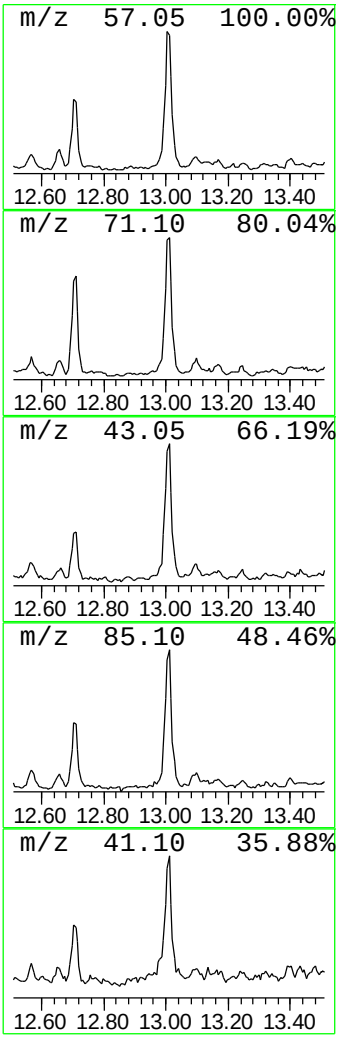
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	3.47 ng/ul	265333	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
3	Tetradecane	198	C14H30	000629-59-4	83
4	Hexadecane	226	C16H34	000544-76-3	78
5	Octadecane	254	C18H38	000593-45-3	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040819\
Data File : BM019810.D
Acq On : 09 Apr 2019 00:29
Operator : JU/SJ
Sample : K2188-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF661

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

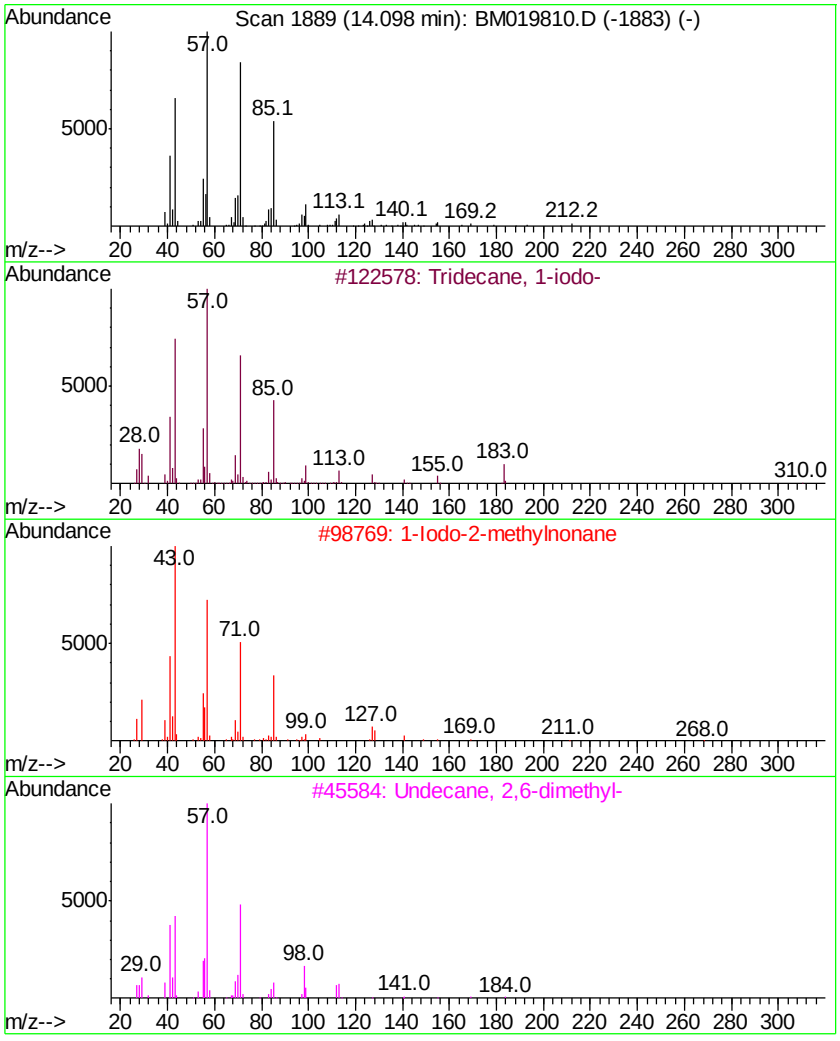
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

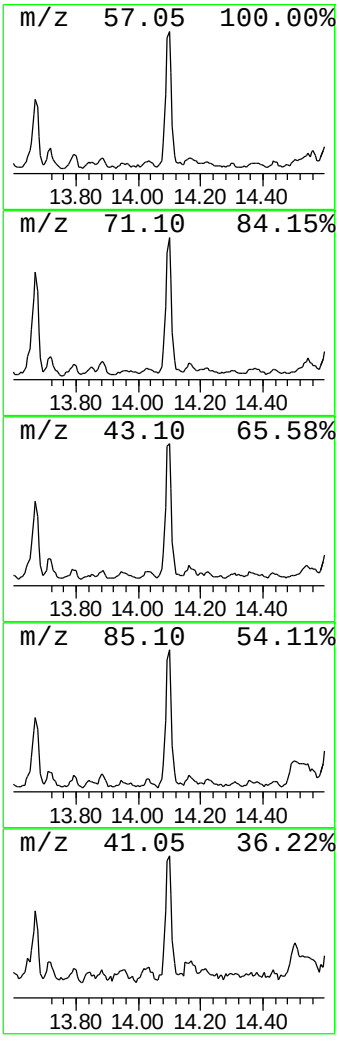
****

Peak Number 2 Tridecane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	4.35 ng/ul	332069	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
2	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	72
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	72
4	Pentadecane	212	C15H32	000629-62-9	68
5	Nonadecane	268	C19H40	000629-92-5	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040819\
Data File : BM019810.D
Acq On : 09 Apr 2019 00:29
Operator : JU/SJ
Sample : K2188-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF661

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

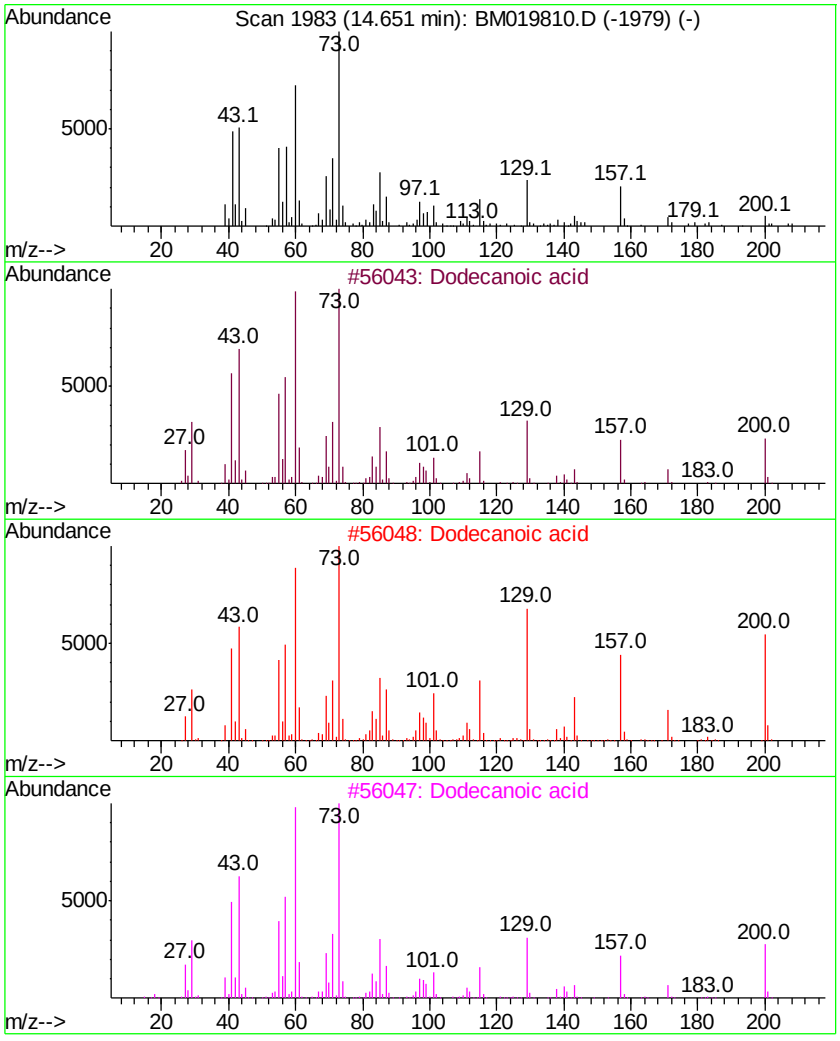
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

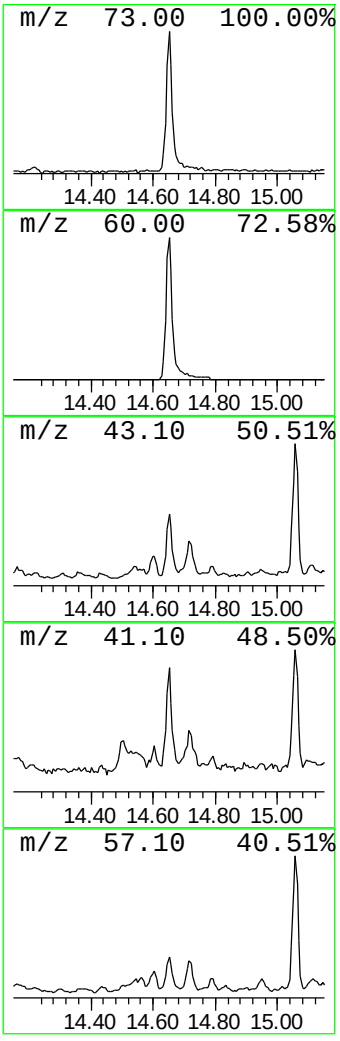
****

Peak Number 3 Dodecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	4.08 ng/ul	311786	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	94
2	Dodecanoic acid	200	C12H24O2	000143-07-7	93
3	Dodecanoic acid	200	C12H24O2	000143-07-7	87
4	Dodecanoic acid	200	C12H24O2	000143-07-7	81
5	Undecanoic acid	186	C11H22O2	000112-37-8	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040819\
Data File : BM019810.D
Acq On : 09 Apr 2019 00:29
Operator : JU/SJ
Sample : K2188-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF661

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

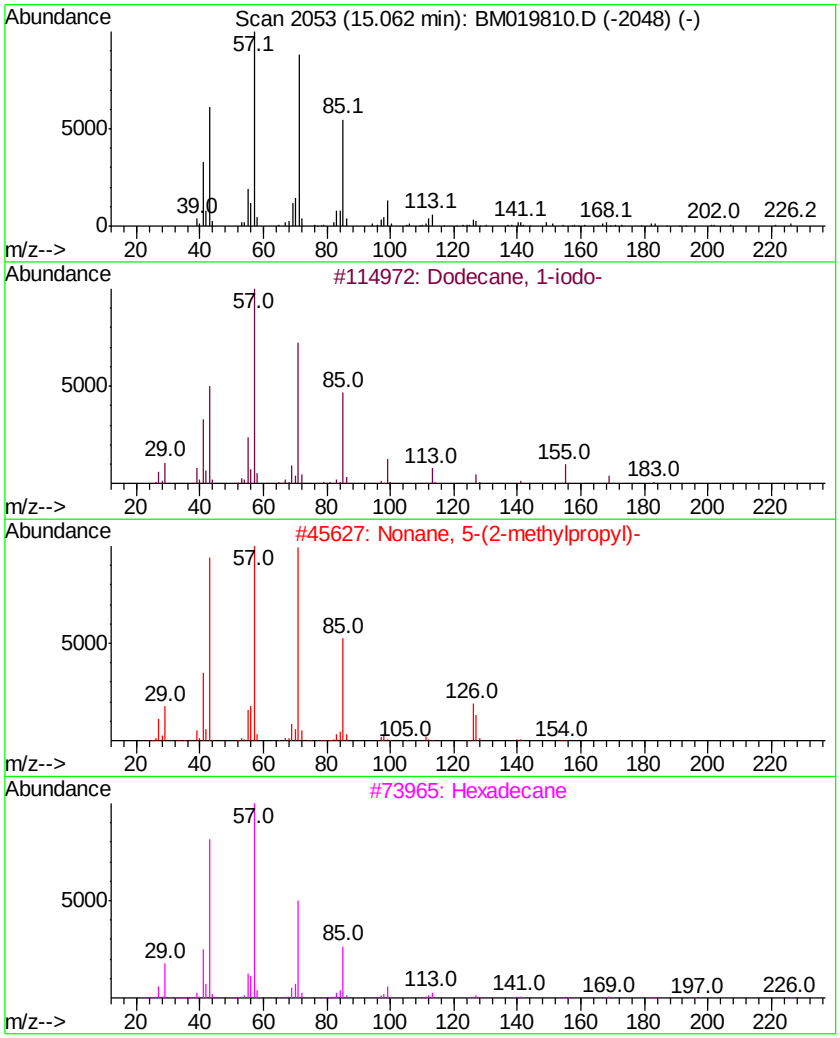
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

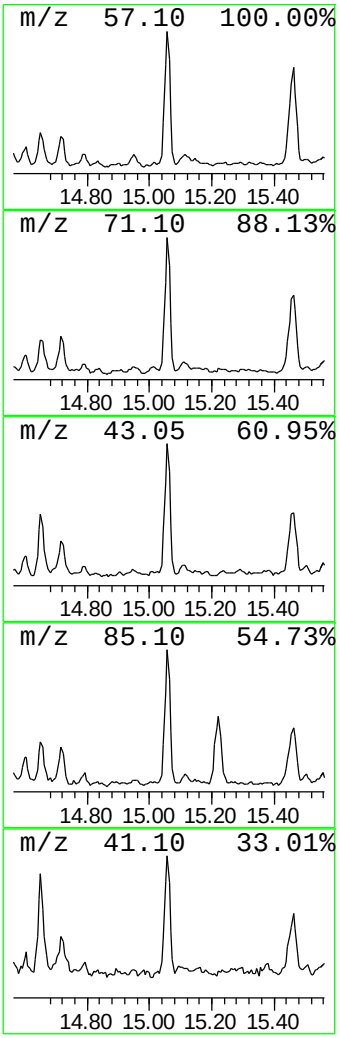
****

Peak Number 4 Dodecane, 1-iodo- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	3.76 ng/ul	287110	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
2	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	86
3	Hexadecane	226	C16H34	000544-76-3	80
4	Hexadecane	226	C16H34	000544-76-3	72
5	Hexadecane	226	C16H34	000544-76-3	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040819\
Data File : BM019810.D
Acq On : 09 Apr 2019 00:29
Operator : JU/SJ
Sample : K2188-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF661

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

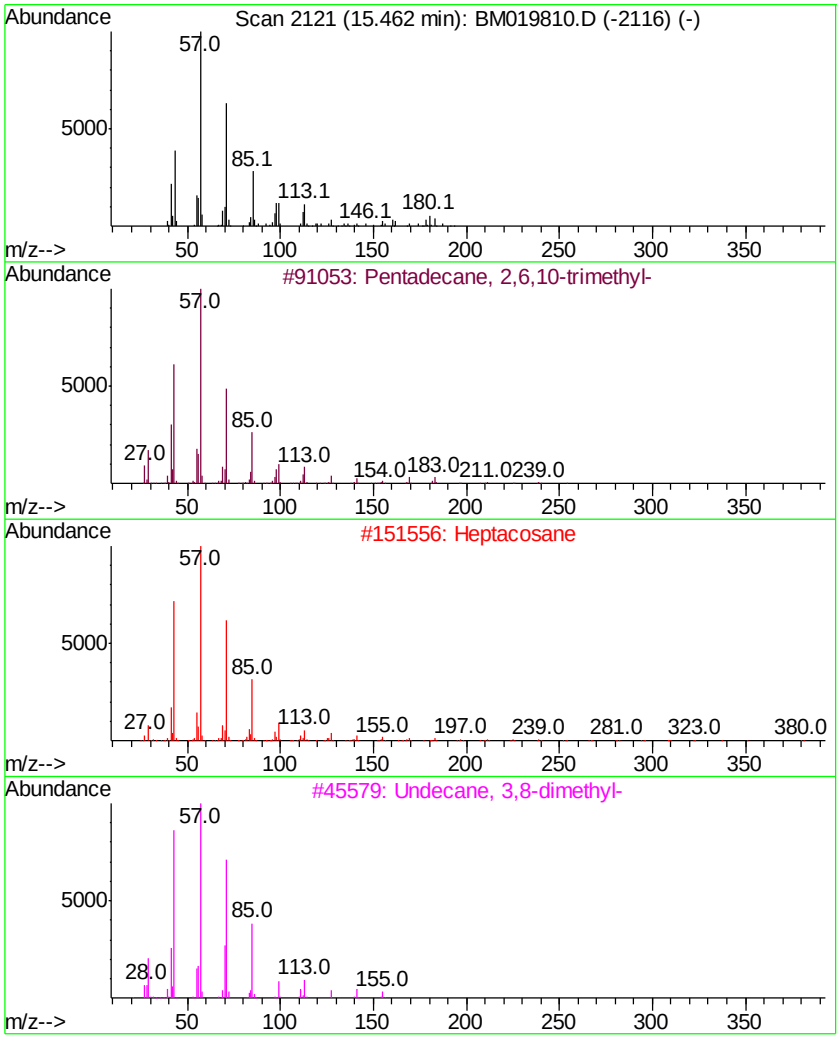
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

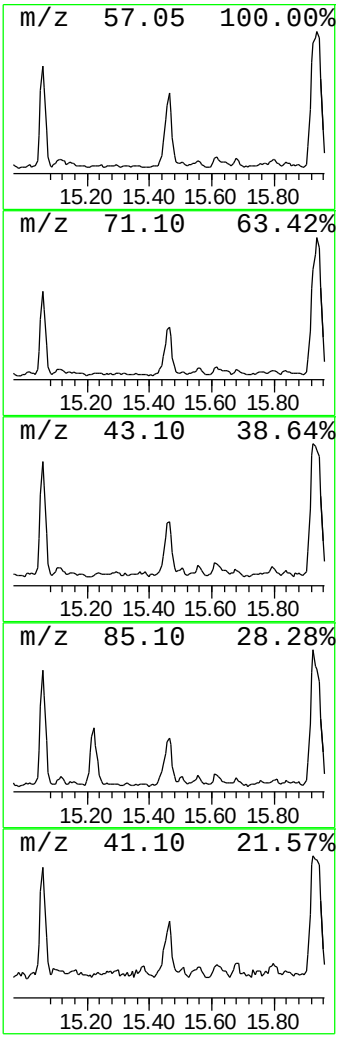
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	4.44 ng/ul	338903	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Heptacosane	380	C27H56	000593-49-7	64
3	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	64
4	Decane, 2-methyl-	156	C11H24	006975-98-0	62
5	Hexadecane	226	C16H34	000544-76-3	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040819\
Data File : BM019810.D
Acq On : 09 Apr 2019 00:29
Operator : JU/SJ
Sample : K2188-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF661

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

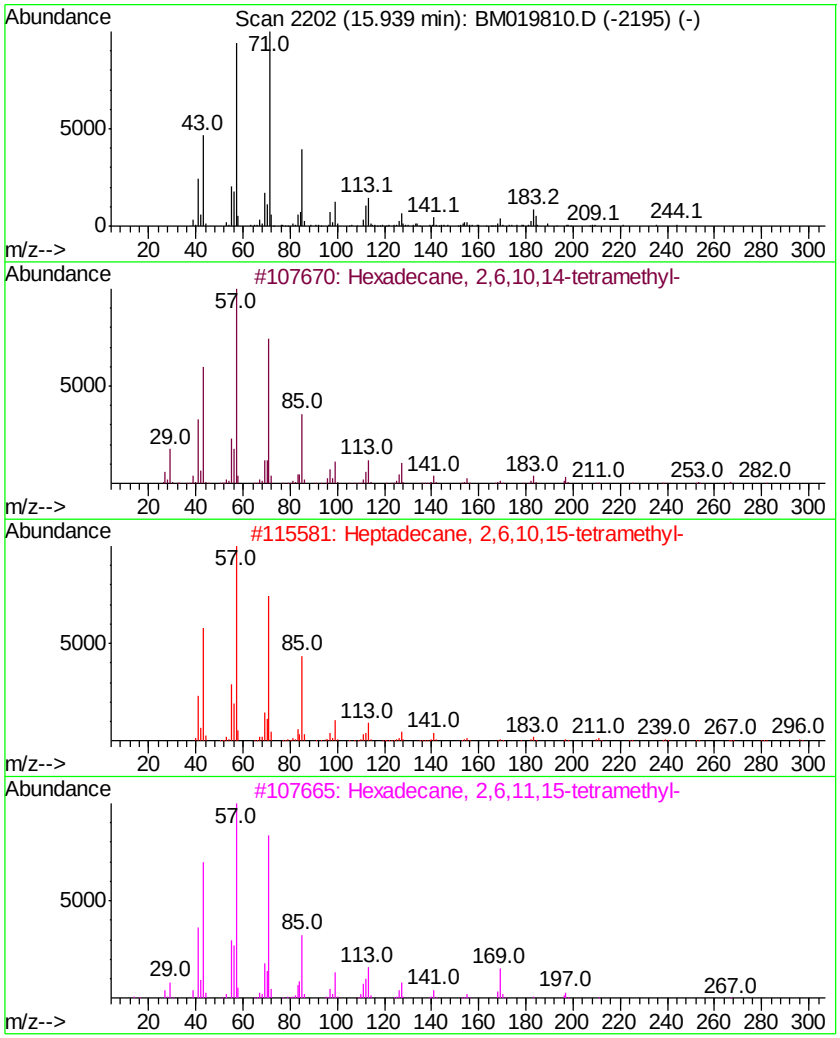
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

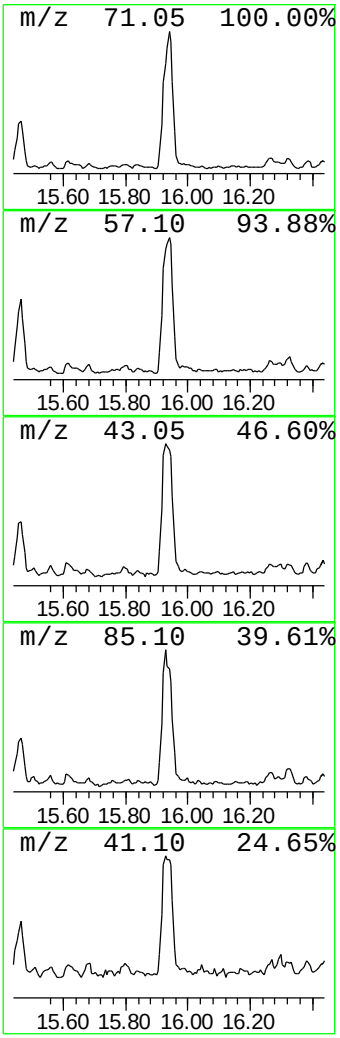
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	9.94 ng/ul	818462	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	86
4	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	80
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040819\
Data File : BM019810.D
Acq On : 09 Apr 2019 00:29
Operator : JU/SJ
Sample : K2188-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF661

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

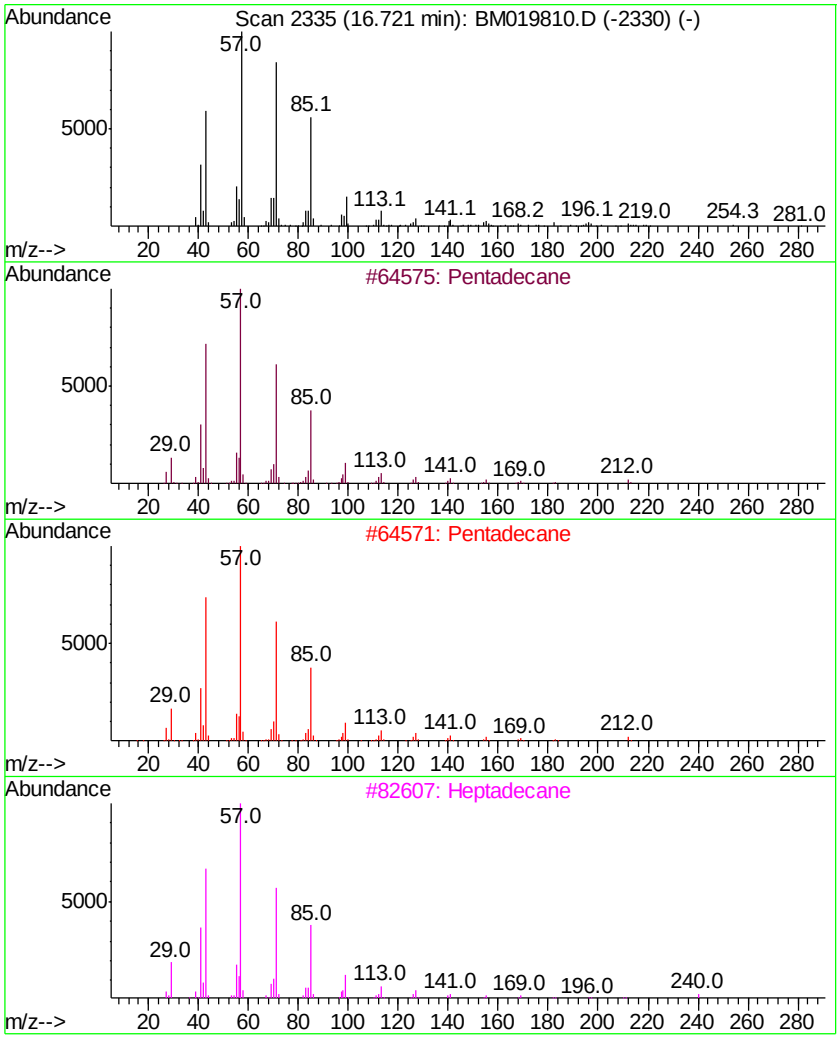
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

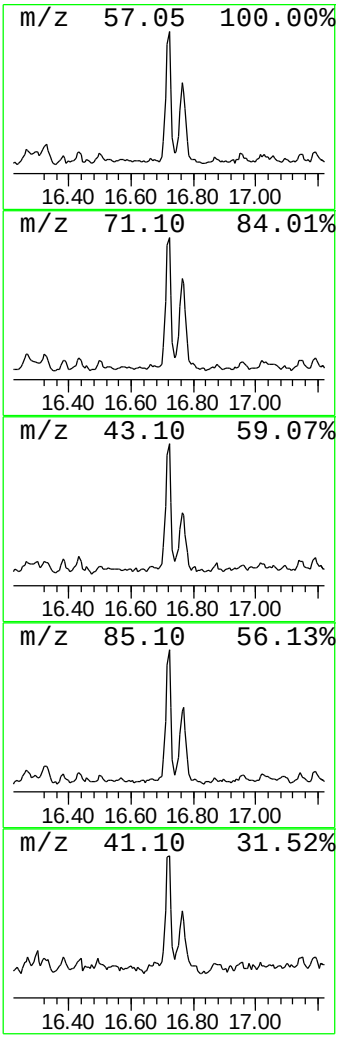
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	3.85 ng/ul	316717	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Pentadecane	212	C15H32	000629-62-9	86
3	Heptadecane	240	C17H36	000629-78-7	86
4	Decane, 3-methyl-	156	C11H24	013151-34-3	83
5	Tetradecane	198	C14H30	000629-59-4	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040819\
Data File : BM019810.D
Acq On : 09 Apr 2019 00:29
Operator : JU/SJ
Sample : K2188-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF661

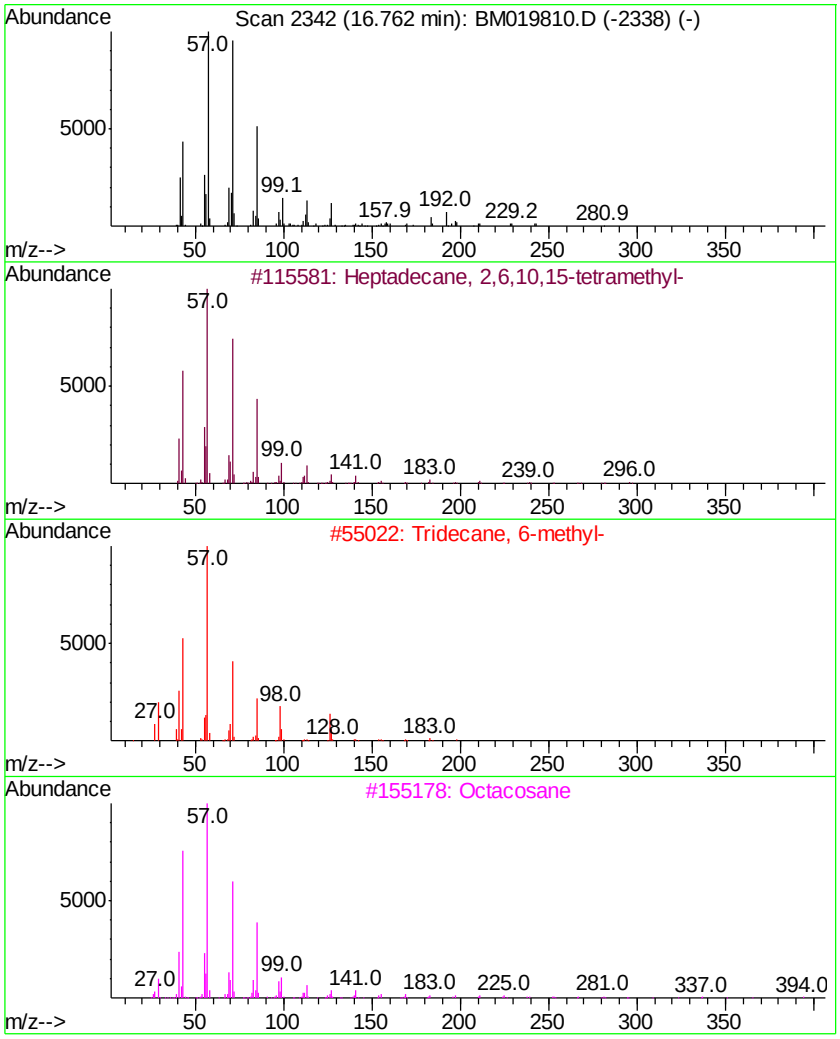
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

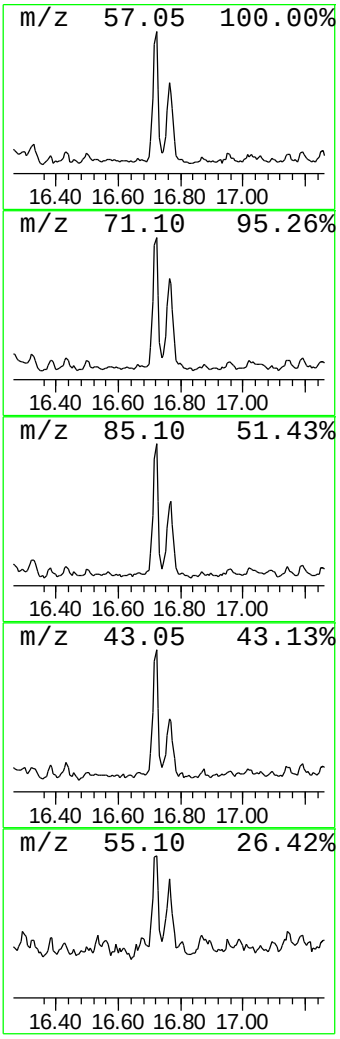
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	2.79 ng/ul	229972	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	76
3	Octacosane	394	C28H58	000630-02-4	64
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	64
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040819\
Data File : BM019810.D
Acq On : 09 Apr 2019 00:29
Operator : JU/SJ
Sample : K2188-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF661

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

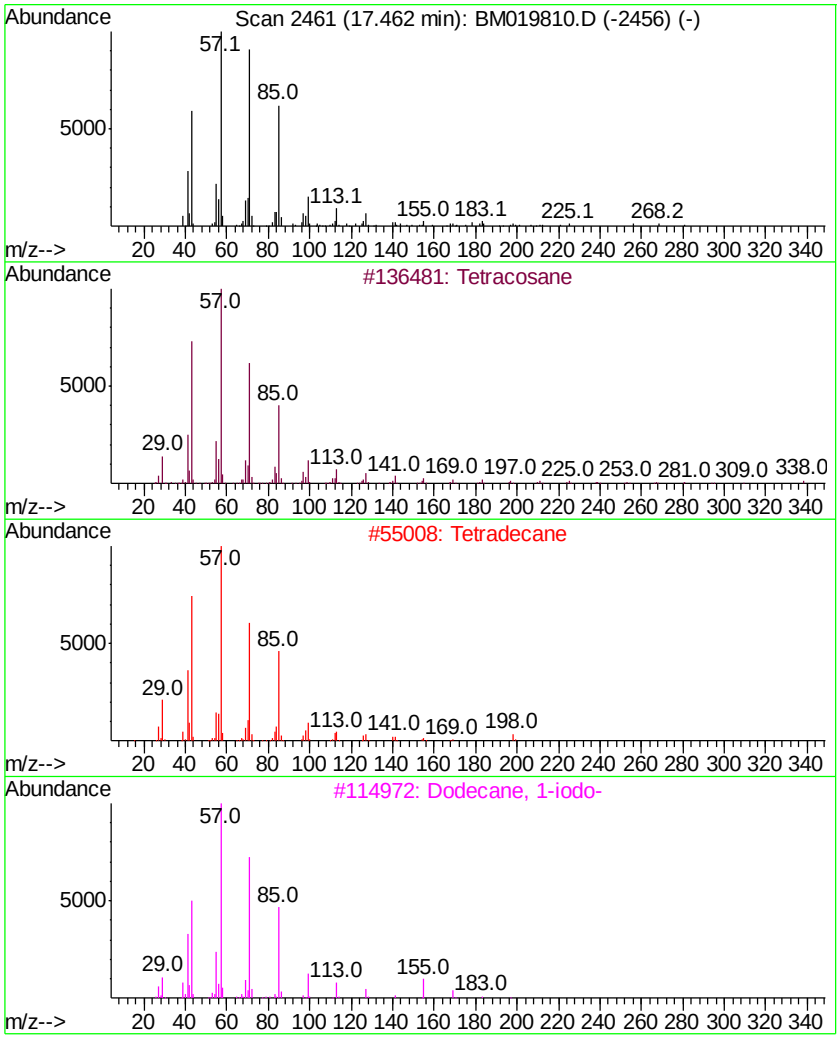
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

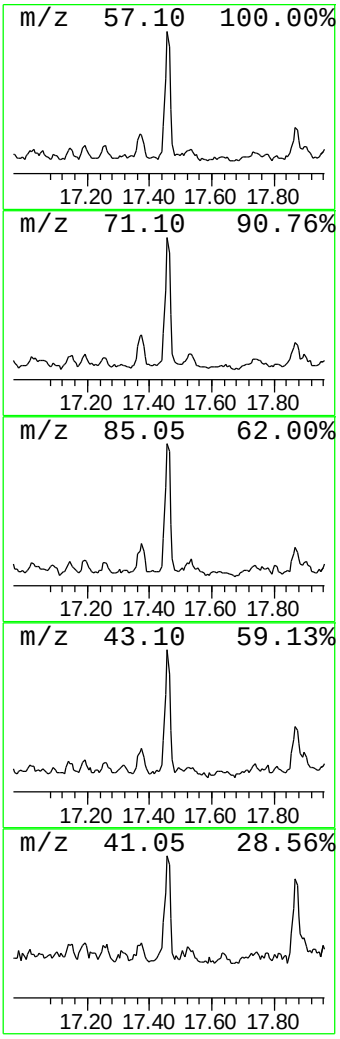
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.46	3.28 ng/ul	270204	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Tetradecane	198	C14H30	000629-59-4	91
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	86
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040819\
Data File : BM019810.D
Acq On : 09 Apr 2019 00:29
Operator : JU/SJ
Sample : K2188-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF661

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

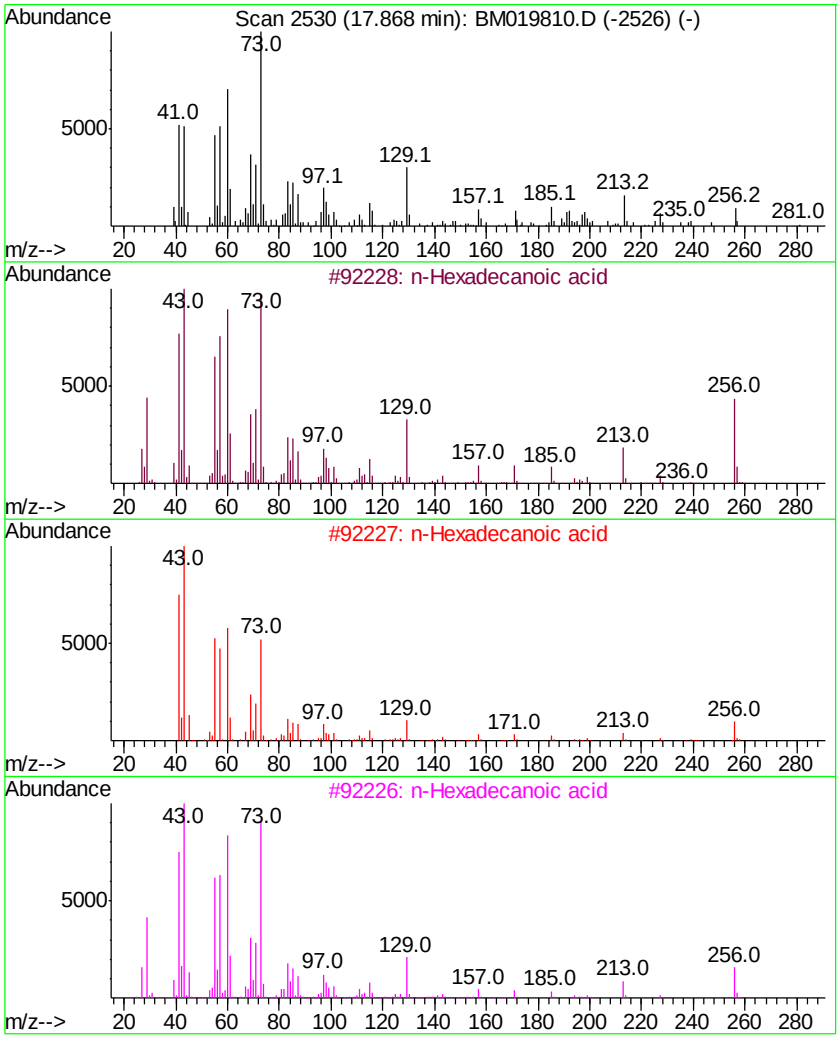
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

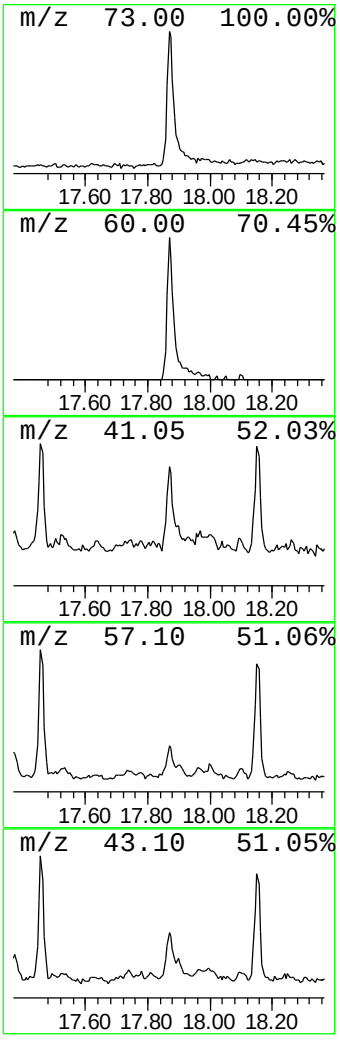
****

Peak Number 10 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	3.90 ng/ul	321150	Phenanthrene-d10	16.98

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	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040819\
Data File : BM019810.D
Acq On : 09 Apr 2019 00:29
Operator : JU/SJ
Sample : K2188-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF661

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

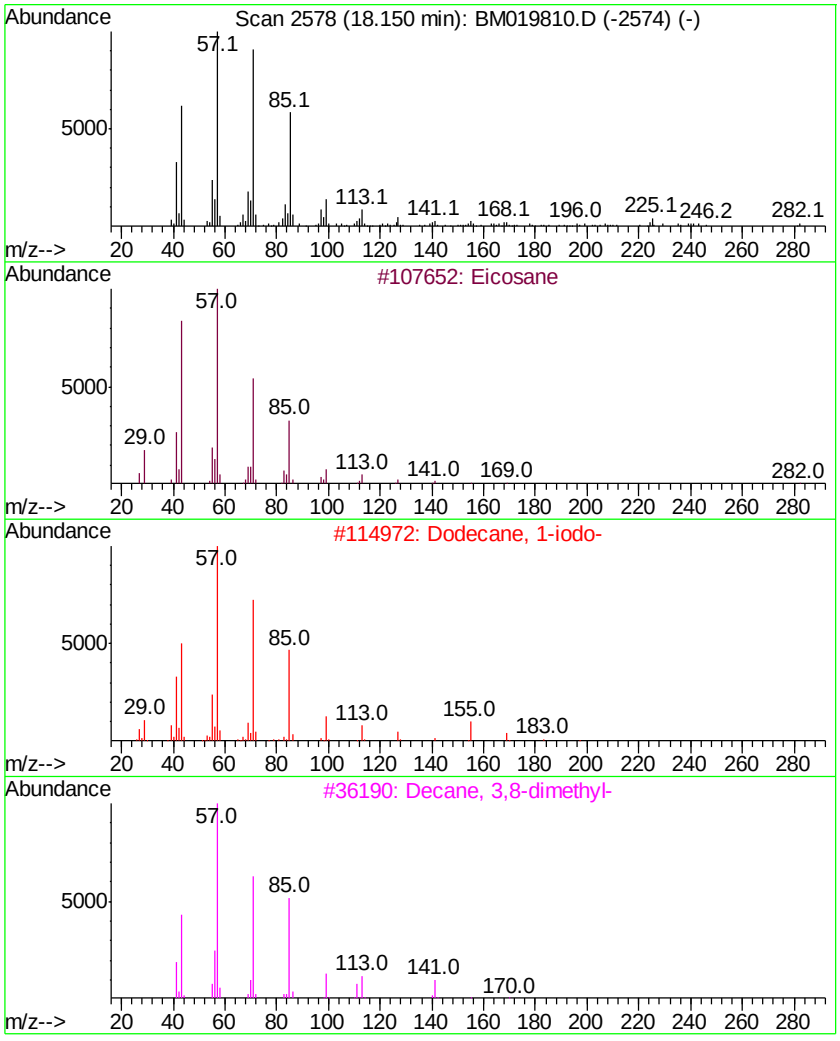
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

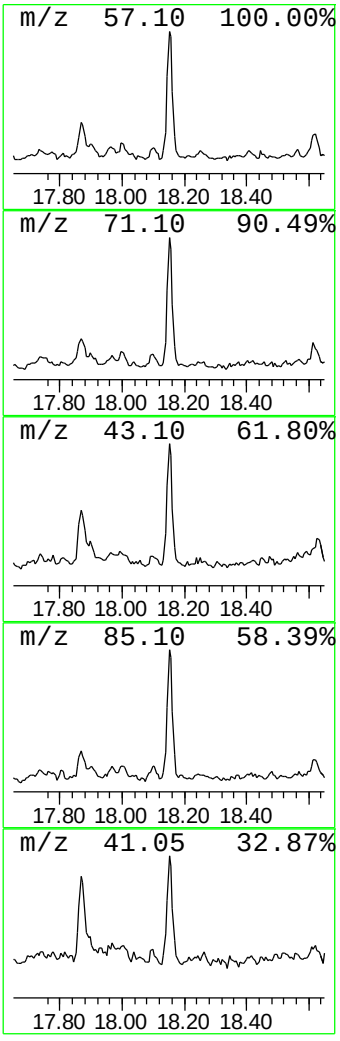
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	3.49 ng/ul	287169	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	86
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5	Decane, 3-methyl-	156	C11H24	013151-34-3	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040819\
Data File : BM019810.D
Acq On : 09 Apr 2019 00:29
Operator : JU/SJ
Sample : K2188-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF661

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

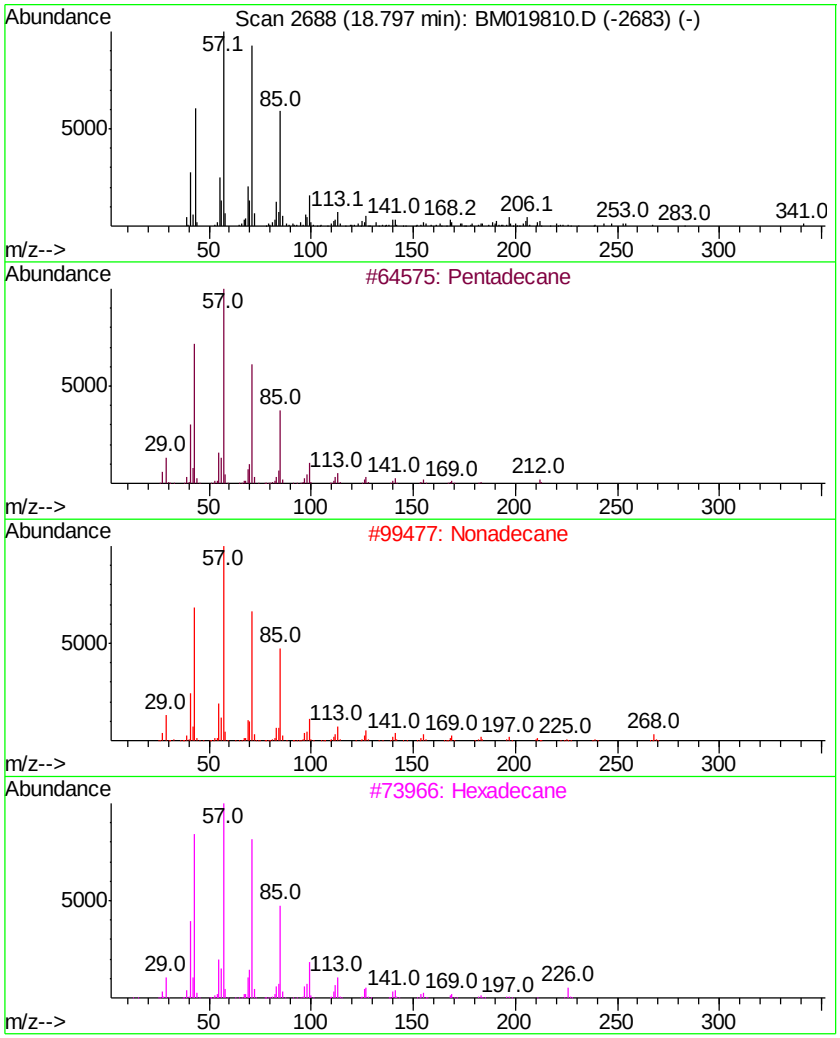
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

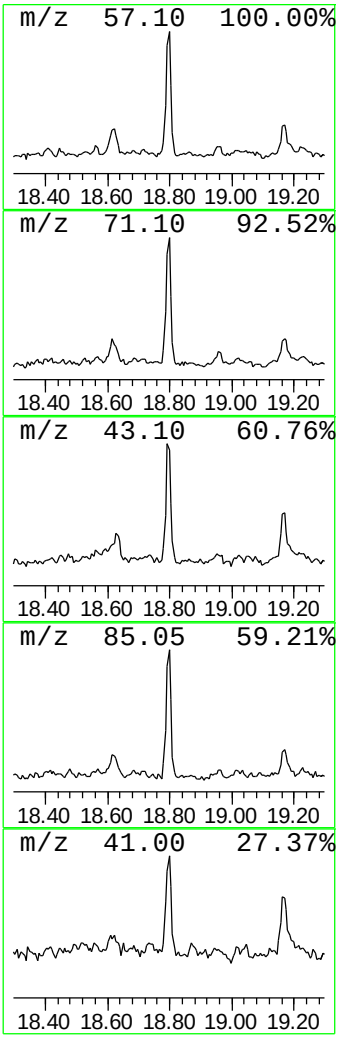
****

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	2.61 ng/ul	215284	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	87
2	Nonadecane	268	C19H40	000629-92-5	87
3	Hexadecane	226	C16H34	000544-76-3	86
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040819\
Data File : BM019810.D
Acq On : 09 Apr 2019 00:29
Operator : JU/SJ
Sample : K2188-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF661

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

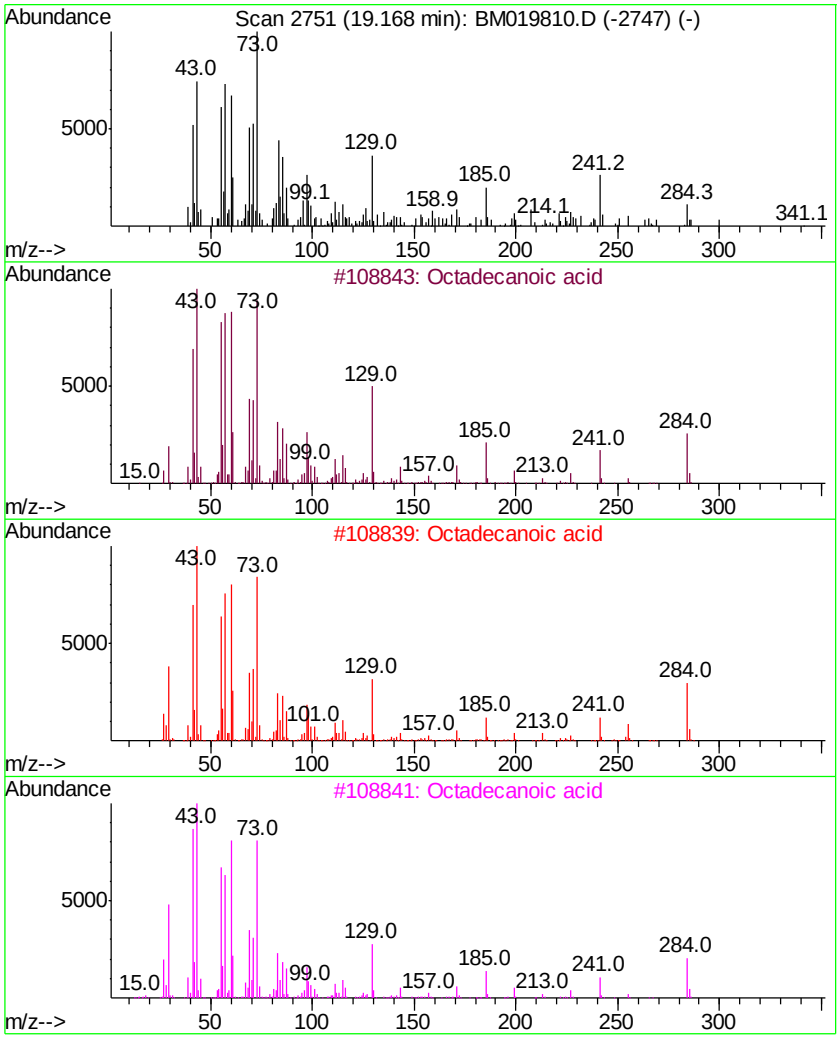
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

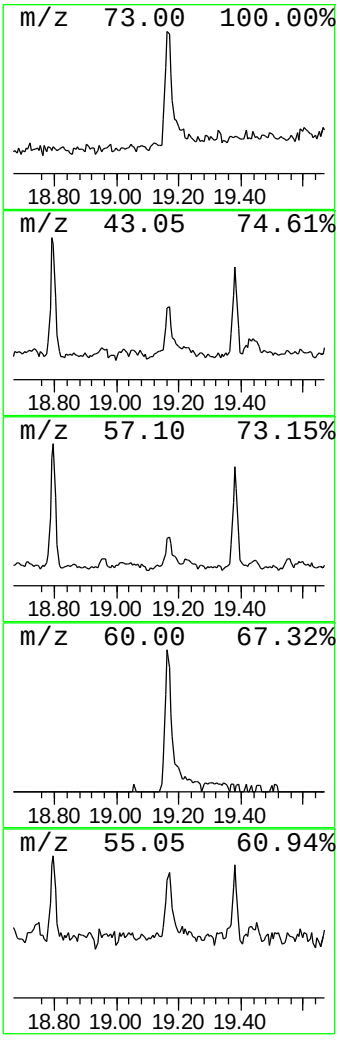
****

Peak Number 13 Octadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	2.31 ng/ul	228517	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Octadecanoic acid	284	C18H36O2	000057-11-4	95
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Octadecanoic acid	284	C18H36O2	000057-11-4	90
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040819\
Data File : BM019810.D
Acq On : 09 Apr 2019 00:29
Operator : JU/SJ
Sample : K2188-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF661

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

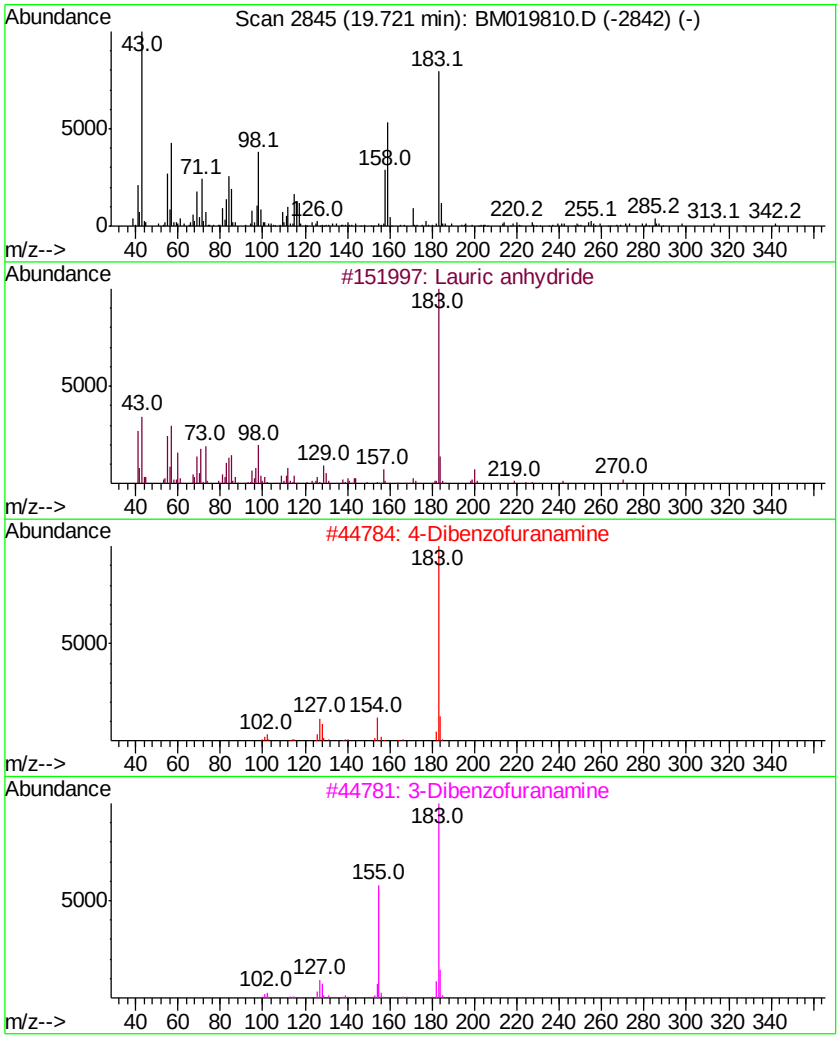
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

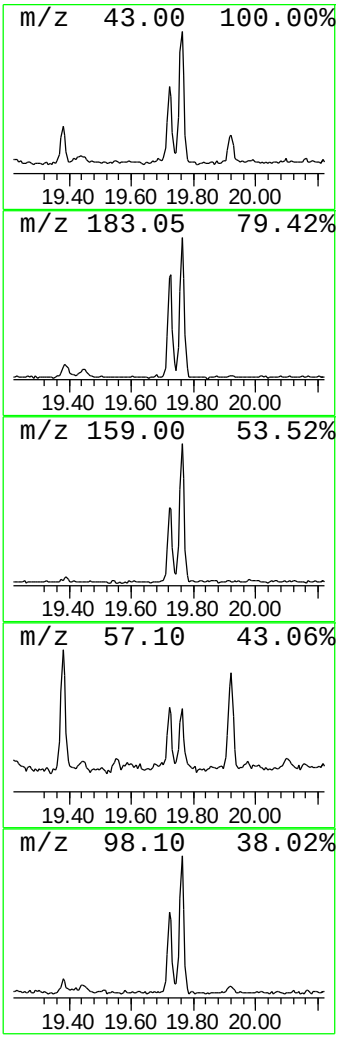
****

Peak Number 14 unknown-01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	2.30 ng/ul	227348	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lauric anhydride	382	C24H46O3	000645-66-9	38
2	4-Dibenzofuranamine	183	C12H9NO	050548-43-1	35
3	3-Dibenzofuranamine	183	C12H9NO	004106-66-5	35
4	2-Dibenzofuranamine	183	C12H9NO	003693-22-9	35
5	Phenoxazine	183	C12H9NO	000135-67-1	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040819\
Data File : BM019810.D
Acq On : 09 Apr 2019 00:29
Operator : JU/SJ
Sample : K2188-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF661

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

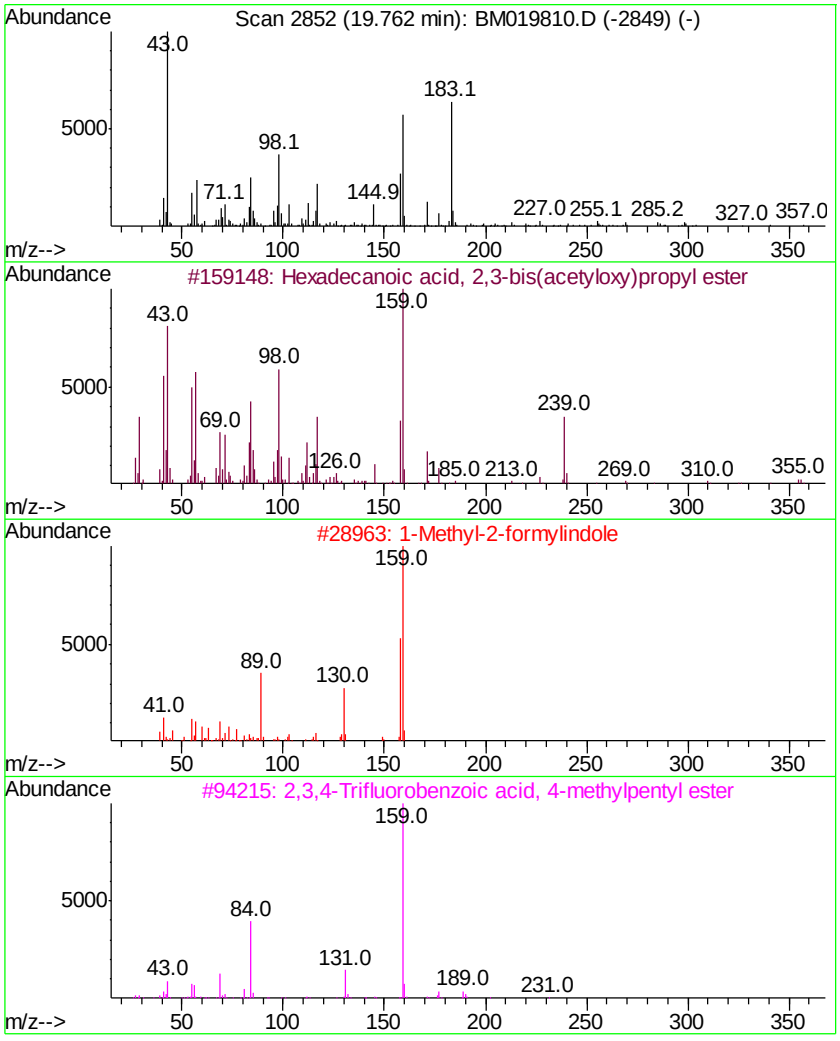
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

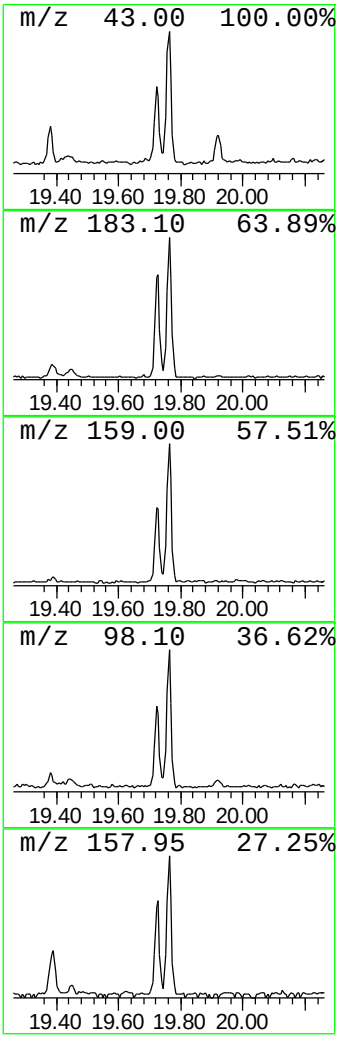
****

Peak Number 15 unknown-02 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	3.36 ng/ul	331970	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2,3-bis(acetv...	414	C23H42O6	055268-70-7	16
2	1-Methyl-2-formylindole	159	C10H9NO	027421-51-8	14
3	2,3,4-Trifluorobenzoic acid, 4-m...	260	C13H15F3O2	1000282-29-8	10
4	2,3,4-Trifluorobenzoic acid, 2-c...	286	C13H6ClF3O2	1000293-72-6	10
5	2,3,4-Trifluorobenzoic acid, 2-o...	288	C15H19F3O2	1000282-58-1	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040819\
Data File : BM019810.D
Acq On : 09 Apr 2019 00:29
Operator : JU/SJ
Sample : K2188-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF661

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

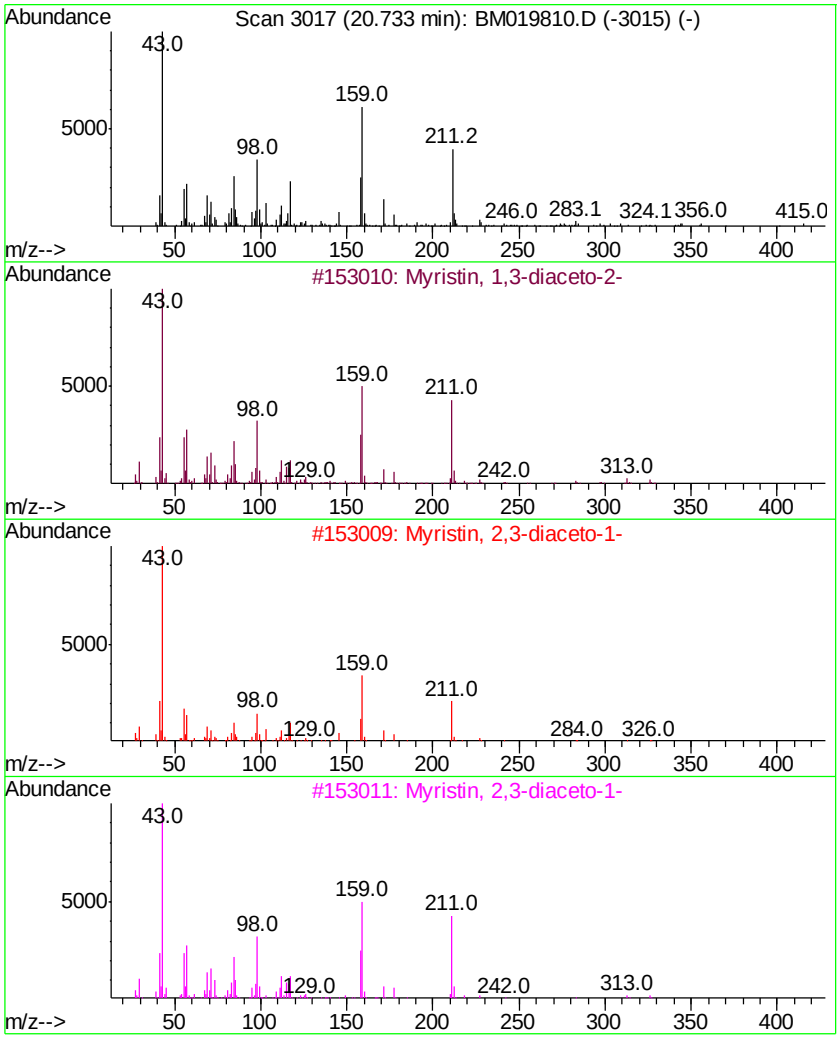
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

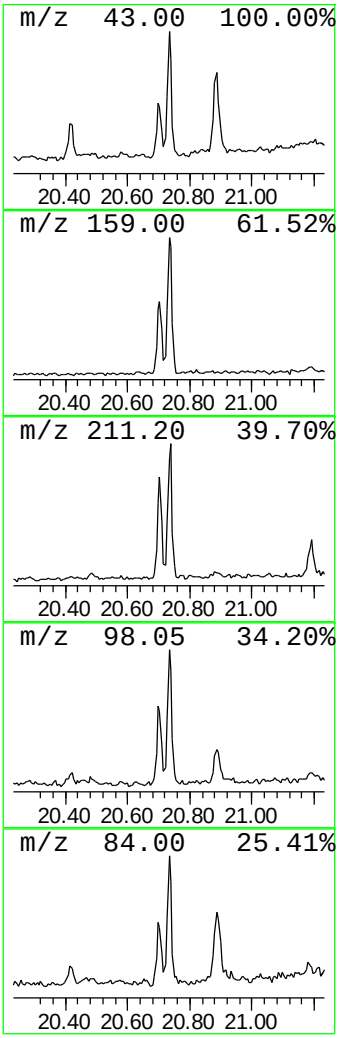
****

Peak Number 16 Myristin, 1,3-diaceto-2- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.73	2.16 ng/ul	213292	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Myristin, 1,3-diaceto-2-	386	C21H38O6	014290-23-4	87
2	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	83
3	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	62
4	Hexadecanoic acid, 2,3-bis(acetv...	414	C23H42O6	055268-70-7	53
5	Tetradecanoic acid, 2-hydroxy-1-...	302	C17H34O4	003443-83-2	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040819\
Data File : BM019810.D
Acq On : 09 Apr 2019 00:29
Operator : JU/SJ
Sample : K2188-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF661

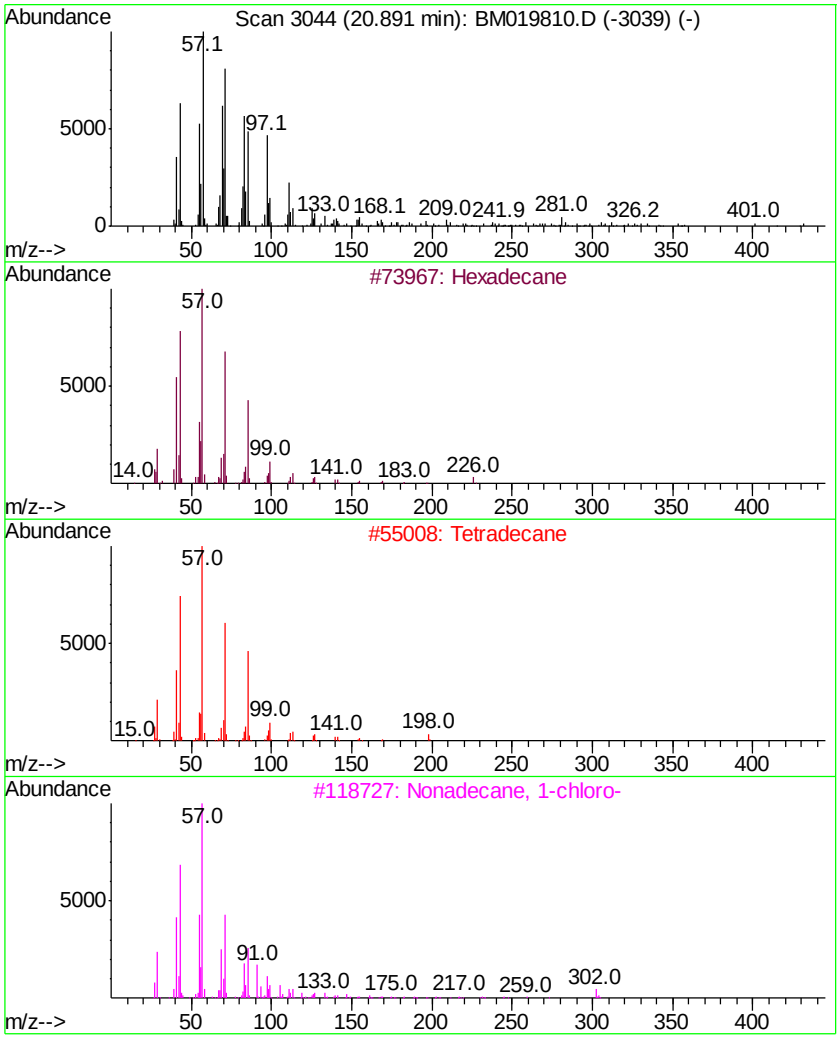
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

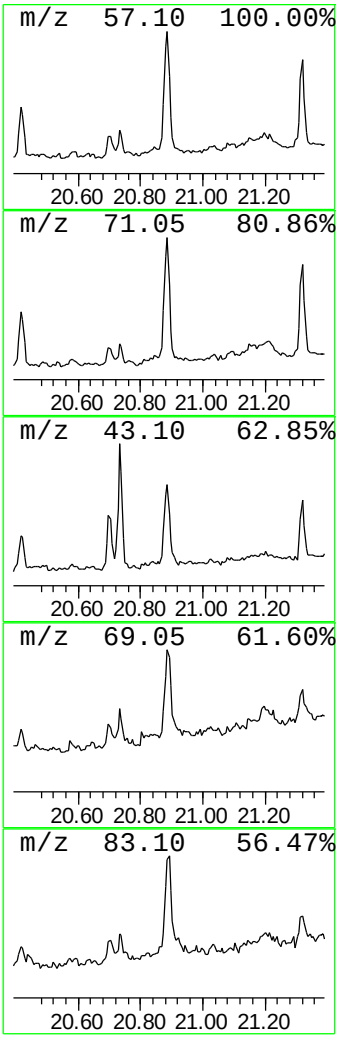
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	4.11 ng/ul	406173	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Tetradecane	198	C14H30	000629-59-4	93
3	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	89
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	60
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040819\
Data File : BM019810.D
Acq On : 09 Apr 2019 00:29
Operator : JU/SJ
Sample : K2188-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF661

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

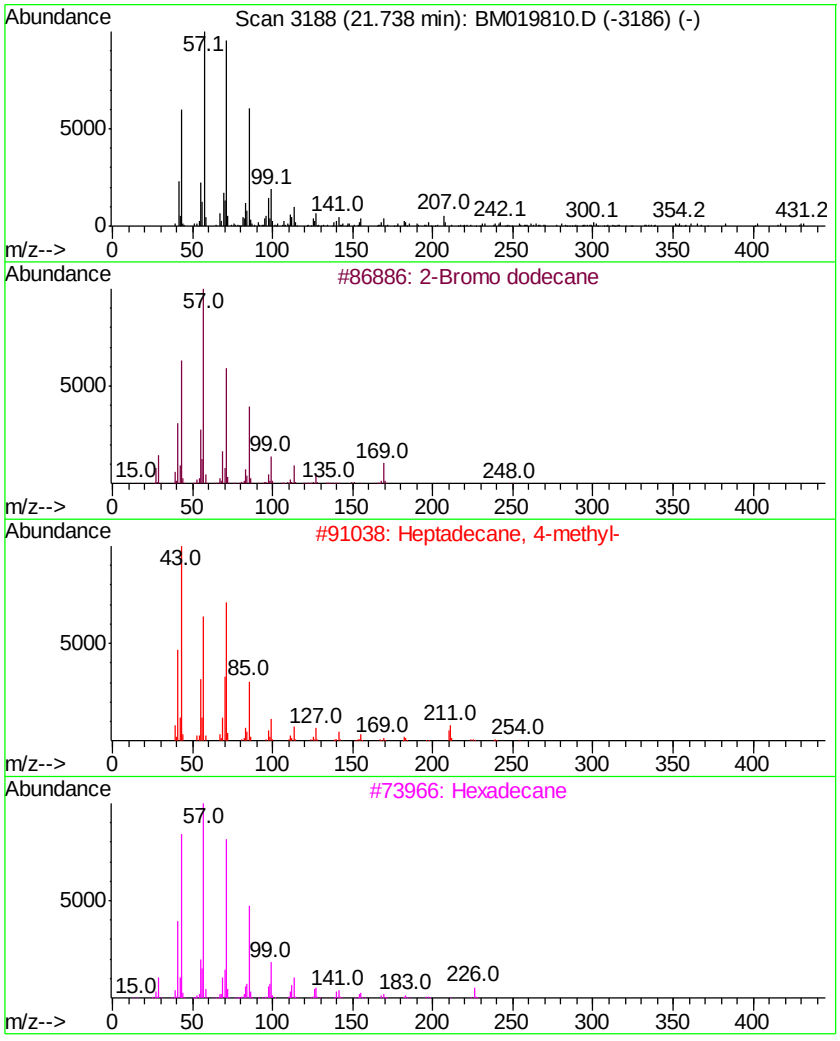
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

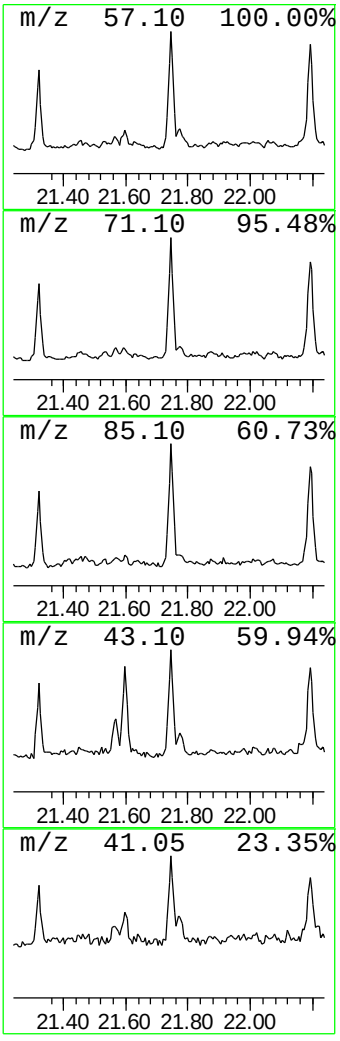
****

Peak Number 18 2-Bromo dodecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.74	2.67 ng/ul	263750	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	94
2	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	83
5	Heptacosane	380	C27H56	000593-49-7	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040819\
Data File : BM019810.D
Acq On : 09 Apr 2019 00:29
Operator : JU/SJ
Sample : K2188-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF661

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

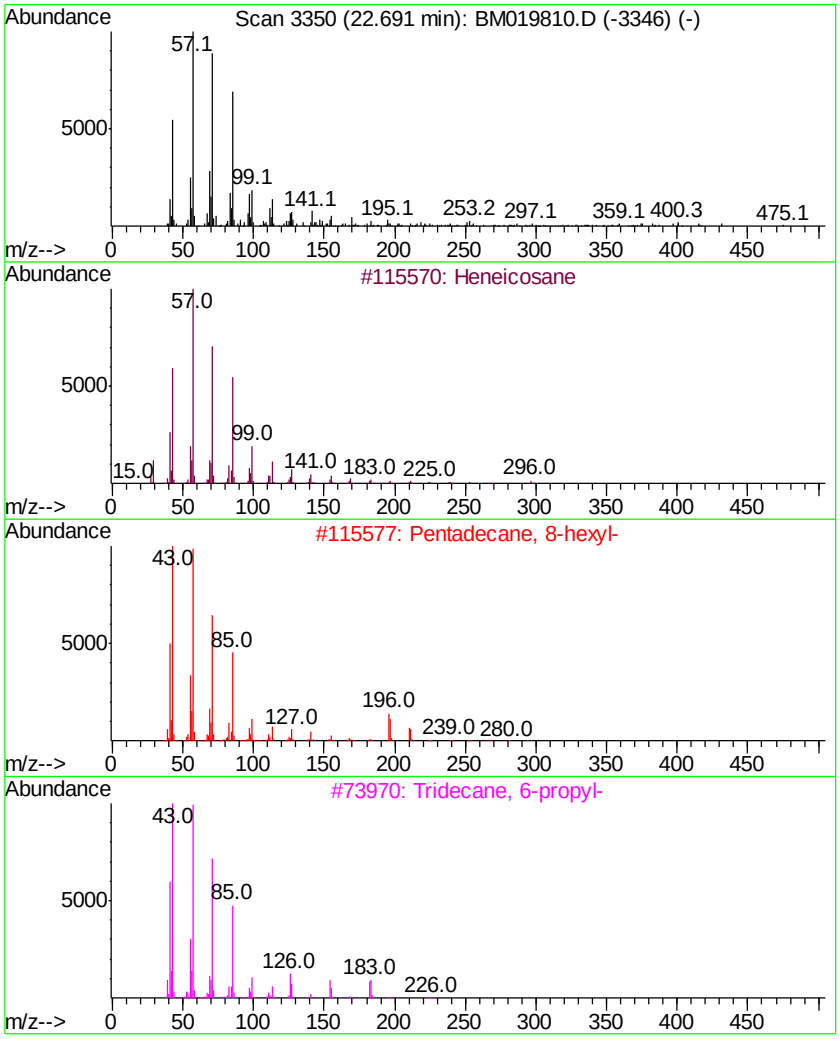
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

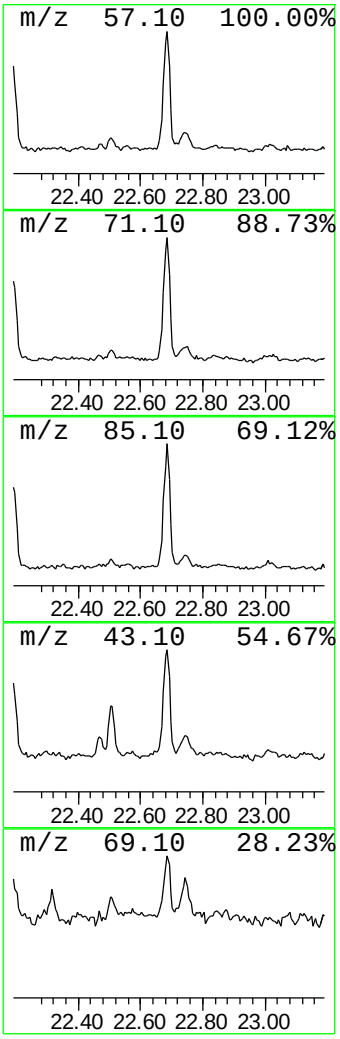
****

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	3.99 ng/ul	397817	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
4	Nonacosane	408	C29H60	000630-03-5	86
5	Hexatriacontane	507	C36H74	000630-06-8	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040819\
Data File : BM019810.D
Acq On : 09 Apr 2019 00:29
Operator : JU/SJ
Sample : K2188-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF661

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

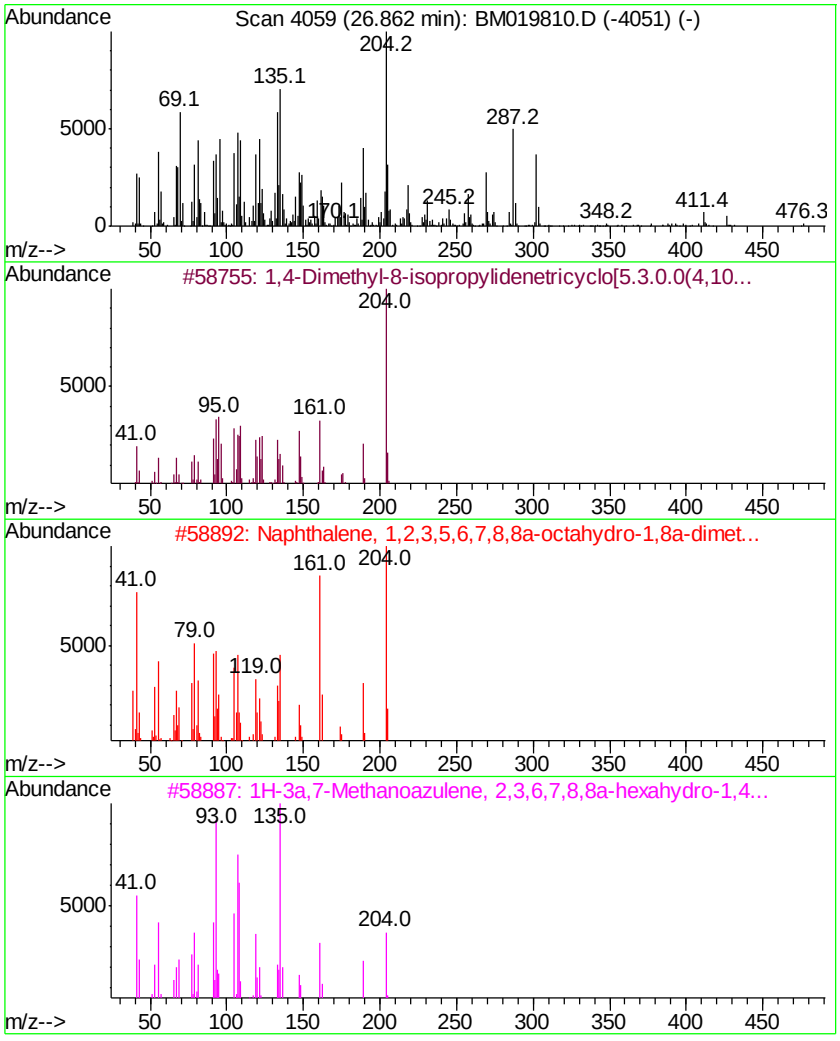
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

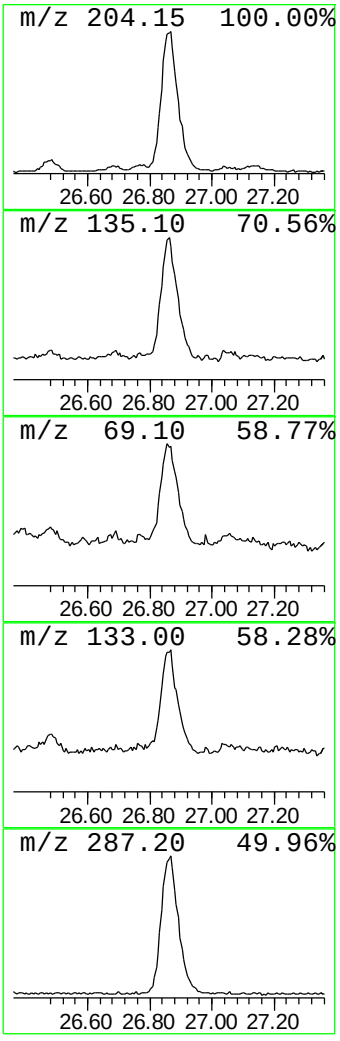
****

Peak Number 20 1,4-Dimethyl-8-isopropylide... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.86	35.16 ng/ul	3505360	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	52
2	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	50
3	1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24	000560-32-7	49
4	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	43
5	Farnesyl bromide	284	C15H25Br	006874-67-5	41





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019810.D
Acq On : 09 Apr 2019 00:29
Operator : JU/SJ
Sample : K2188-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF661

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.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
(DEL) Alkane: Str...	13.01	3.5	ng/ul	265333	3	14.22	1527300	20.0
Tridecane, 1-iodo-	14.10	4.3	ng/ul	332069	3	14.22	1527300	20.0
Dodecanoic acid	14.65	4.1	ng/ul	311786	3	14.22	1527300	20.0
Dodecane, 1-iodo-	15.06	3.8	ng/ul	287110	3	14.22	1527300	20.0
(DEL) Alkane: Str...	15.46	4.4	ng/ul	338903	3	14.22	1527300	20.0
(DEL) Alkane: Str...	15.94	9.9	ng/ul	818462	4	16.98	1646910	20.0
(DEL) Alkane: Str...	16.72	3.9	ng/ul	316717	4	16.98	1646910	20.0
(DEL) Alkane: Str...	16.76	2.8	ng/ul	229972	4	16.98	1646910	20.0
(DEL) Alkane: Str...	17.46	3.3	ng/ul	270204	4	16.98	1646910	20.0
n-Hexadecanoic acid	17.87	3.9	ng/ul	321150	4	16.98	1646910	20.0
(DEL) Alkane: Str...	18.15	3.5	ng/ul	287169	4	16.98	1646910	20.0
(DEL) Alkane: Str...	18.80	2.6	ng/ul	215284	4	16.98	1646910	20.0
Octadecanoic acid	19.17	2.3	ng/ul	228517	5	21.19	1978420	20.0
unknown-01	19.72	2.3	ng/ul	227348	5	21.19	1978420	20.0
unknown-02	19.76	3.4	ng/ul	331970	5	21.19	1978420	20.0
Myristin, 1,3-dia...	20.73	2.2	ng/ul	213292	5	21.19	1978420	20.0
(DEL) Alkane: Str...	20.89	4.1	ng/ul	406173	5	21.19	1978420	20.0
2-Bromo dodecane	21.74	2.7	ng/ul	263750	5	21.19	1978420	20.0
(DEL) Alkane: Str...	22.69	4.0	ng/ul	397817	6	23.39	1994210	20.0
1,4-Dimethyl-8-is...	26.86	35.2	ng/ul	3505360	6	23.39	1994210	20.0