LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
Data File : BM019776.D
Acq On : 06 Apr 2019 07:23
Operator : JU/SJ
Sample : K2217-20
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF610

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	28	rBV	21046	28573	0.91%	0.079%
2	3.810	136	140	145	rVB	9431	15188	0.48%	0.042%
3	4.704	287	292	299	rBV4	6847	14451	0.46%	0.040%
4	5.216	376	379	387	rBV4	7015	13363	0.42%	0.037%
5	5.581	436	441	447	rVB6	4335	8540	0.27%	0.024%
6	6.181	538	543	551	rBV4	9329	16830	0.53%	0.046%
7	6.751	634	640	655	rBV	198299	455120	14.42%	1.253%
8	6.916	662	668	684	rBV	199762	392845	12.45%	1.082%
9	7.093	692	698	711	rBV	277261	489712	15.52%	1.349%
10	7.192	712	715	720	rVB3	10547	14761	0.47%	0.041%
11	7.557	770	777	786	rBV	524677	852965	27.03%	2.349%
12	7.622	786	788	792	rVB3	7740	9658	0.31%	0.027%
13	8.281	894	900	914	rBV	202818	401247	12.71%	1.105%
14	8.410	918	922	931	rVV5	6470	14092	0.45%	0.039%
15	8.734	970	977	992	rBV	265089	504738	15.99%	1.390%
16	8.922	1006	1009	1014	rVB4	4995	6680	0.21%	0.018%
17	9.045	1022	1030	1036	rBV3	15363	27801	0.88%	0.077%
18	9.445	1091	1098	1108	rBV	217181	398810	12.64%	1.098%
19	9.904	1169	1176	1181	rVB4	4830	7515	0.24%	0.021%
20	9.981	1183	1189	1212	rBV	239524	565993	17.93%	1.559%
21	10.286	1233	1241	1243	rBV4	6766	11699	0.37%	0.032%
22	10.333	1243	1249	1256	rVV	800249	1356563	42.98%	3.736%
23	10.386	1256	1258	1267	rVB	25267	33358	1.06%	0.092%
24	10.516	1274	1280	1303	rBV	114717	309833	9.82%	0.853%
25	10.728	1312	1316	1326	rVB6	6020	15066	0.48%	0.041%
26	11.745	1484	1489	1494	rVB2	7857	14077	0.45%	0.039%
27	12.022	1532	1536	1543	rVB4	3858	7445	0.24%	0.021%
28	12.245	1568	1574	1580	rBV4	6169	11494	0.36%	0.032%
29	13.010	1695	1704	1707	rBV4	13510	23759	0.75%	0.065%
30	13.051	1707	1711	1719	rVV2	23907	43035	1.36%	0.119%
31	13.639	1805	1811	1816	rVV	729264	1048050	33.21%	2.886%
32	13.692	1816	1820	1830	rVV	132035	207541	6.58%	0.571%
33	13.786	1832	1836	1839	rVB3	4960	7296	0.23%	0.020%
34	13.910	1847	1857	1871	rBV	882601	1310161	41.51%	3.608%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K2217-20
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF610

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	14.098	1883	1889	1895	rBV3	22510	34590	1.10%	0.095%
36	14.221	1903	1910	1923	rBV2	1236371	1962397	62.18%	5.404%
37	14.539	1958	1964	1972	rBV6	18513	57854	1.83%	0.159%
38	14.651	1976	1983	1989	rVV5	37642	83174	2.64%	0.229%
39	14.698	1989	1991	1994	rVV3	7392	11242	0.36%	0.031%
40	14.745	1995	1999	2005	rVB4	12456	19675	0.62%	0.054%
41	14.827	2011	2013	2019	rVB4	9609	13759	0.44%	0.038%
42	15.063	2049	2053	2057	rVV	25903	31356	0.99%	0.086%
43	15.221	2074	2080	2094	rVB	1139986	1694451	53.69%	4.666%
44	15.386	2099	2108	2116	rBV	83174	161297	5.11%	0.444%
45	15.463	2116	2121	2126	rVV3	20337	32601	1.03%	0.090%
46	15.563	2134	2138	2142	rBV6	10510	16311	0.52%	0.045%
47	15.615	2142	2147	2151	rBV7	6467	11981	0.38%	0.033%
48	15.780	2171	2175	2179	rBV6	7464	15270	0.48%	0.042%
49	15.880	2188	2192	2195	rVB3	12197	13431	0.43%	0.037%
50	15.927	2195	2200	2205	rBV2	38407	68944	2.18%	0.190%
51	16.057	2218	2222	2225	rBV	17030	23708	0.75%	0.065%
52	16.115	2229	2232	2238	rVB3	19544	32765	1.04%	0.090%
53	16.174	2238	2242	2246	rBV3	22792	34560	1.10%	0.095%
54	16.221	2247	2250	2254	rVB5	10904	16489	0.52%	0.045%
55	16.274	2256	2259	2262	rBV5	6723	11241	0.36%	0.031%
56	16.386	2272	2278	2284	rBV7	33665	67400	2.14%	0.186%
57	16.445	2284	2288	2293	rBV	17288	29468	0.93%	0.081%
58	16.527	2298	2302	2307	rVB5	21344	36869	1.17%	0.102%
59	16.586	2308	2312	2316	rBV4	16318	23268	0.74%	0.064%
60	16.651	2318	2323	2326	rBV	34507	54950	1.74%	0.151%
61	16.721	2331	2335	2338	rBV	35084	42503	1.35%	0.117%
62	16.768	2338	2343	2346	rVV5	14869	26863	0.85%	0.074%
63	16.862	2356	2359	2362	rBV5	7263	8570	0.27%	0.024%
64	16.933	2368	2371	2373	rBV2	15975	16461	0.52%	0.045%
65	16.980	2373	2379	2384	rVV2	1792617	2451351	77.67%	6.750%
66	17.021	2384	2386	2390	rVV	63270	74819	2.37%	0.206%
67	17.080	2390	2396	2405	rVB	1288074	1788223	56.66%	4.924%
68	17.268	2424	2428	2432	rVB2	39466	52487	1.66%	0.145%
69	17.315	2432	2436	2440	rBV	75193	94404	2.99%	0.260%
70	17.457	2457	2460	2465	rBV2	47835	66199	2.10%	0.182%
71	17.539	2472	2474	2476	rBV3	8940	9958	0.32%	0.027%

LSC Area Percent Report

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Sample : K2217-20
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF610

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Title : SVOA CALIBRATION

72	17.868	2526	2530	2535	rBV2	114317	186130	5.90%	0.513%
73	18.151	2573	2578	2583	rBV2	53336	82891	2.63%	0.228%
74	18.262	2595	2597	2604	rVB4	36458	60156	1.91%	0.166%
75	18.368	2613	2615	2619	rVV3	18415	19724	0.62%	0.054%
76	18.433	2622	2626	2631	rVB5	46699	69239	2.19%	0.191%
77	18.592	2649	2653	2656	rBV	56263	73956	2.34%	0.204%
78	18.633	2657	2660	2664	rVB	82045	93251	2.95%	0.257%
79	18.709	2671	2673	2676	rVB3	24889	21176	0.67%	0.058%
80	18.792	2684	2687	2692	rBV2	59884	80567	2.55%	0.222%
81	19.051	2729	2731	2736	rVB	34759	36394	1.15%	0.100%
82	19.162	2747	2750	2759	rBV3	81328	128754	4.08%	0.355%
83	19.392	2783	2789	2794	rBV	1637260	2310662	73.21%	6.363%
84	19.451	2794	2799	2811	rVB	711500	1228903	38.94%	3.384%
85	19.692	2837	2840	2842	rBV2	64423	71716	2.27%	0.197%
86	19.727	2842	2846	2849	rVV	503807	563762	17.86%	1.552%
87	19.762	2849	2852	2859	rVB	760981	811693	25.72%	2.235%
88	19.921	2877	2879	2885	rVB	110002	110813	3.51%	0.305%
89	20.092	2906	2908	2912	rBV2	56781	71415	2.26%	0.197%
90	20.421	2961	2964	2966	rBV	100201	112999	3.58%	0.311%
91	20.703	3009	3012	3015	rBV	164129	174755	5.54%	0.481%
92	20.739	3015	3018	3024	rVB2	218490	326248	10.34%	0.898%
93	20.892	3040	3044	3052	rBV	851488	1156850	36.65%	3.186%
94	21.092	3075	3078	3084	rBV	983229	1108677	35.13%	3.053%
95	21.192	3090	3095	3102	rBV	2421122	3156079	100.00%	8.691%
96	21.750	3187	3190	3193	rBV	194814	193960	6.15%	0.534%
97	22.197	3263	3266	3270	rVB	301049	357817	11.34%	0.985%
98	22.686	3346	3349	3354	rVB	422379	595274	18.86%	1.639%
99	23.250	3439	3445	3455	rVB3	1192318	2487285	78.81%	6.849%
100	23.391	3464	3469	3479	rVB	1490822	2794953	88.56%	7.696%

Sum of corrected areas: 36315247

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ALS Vial : 36 Sample Multiplier: 1

Instrument :
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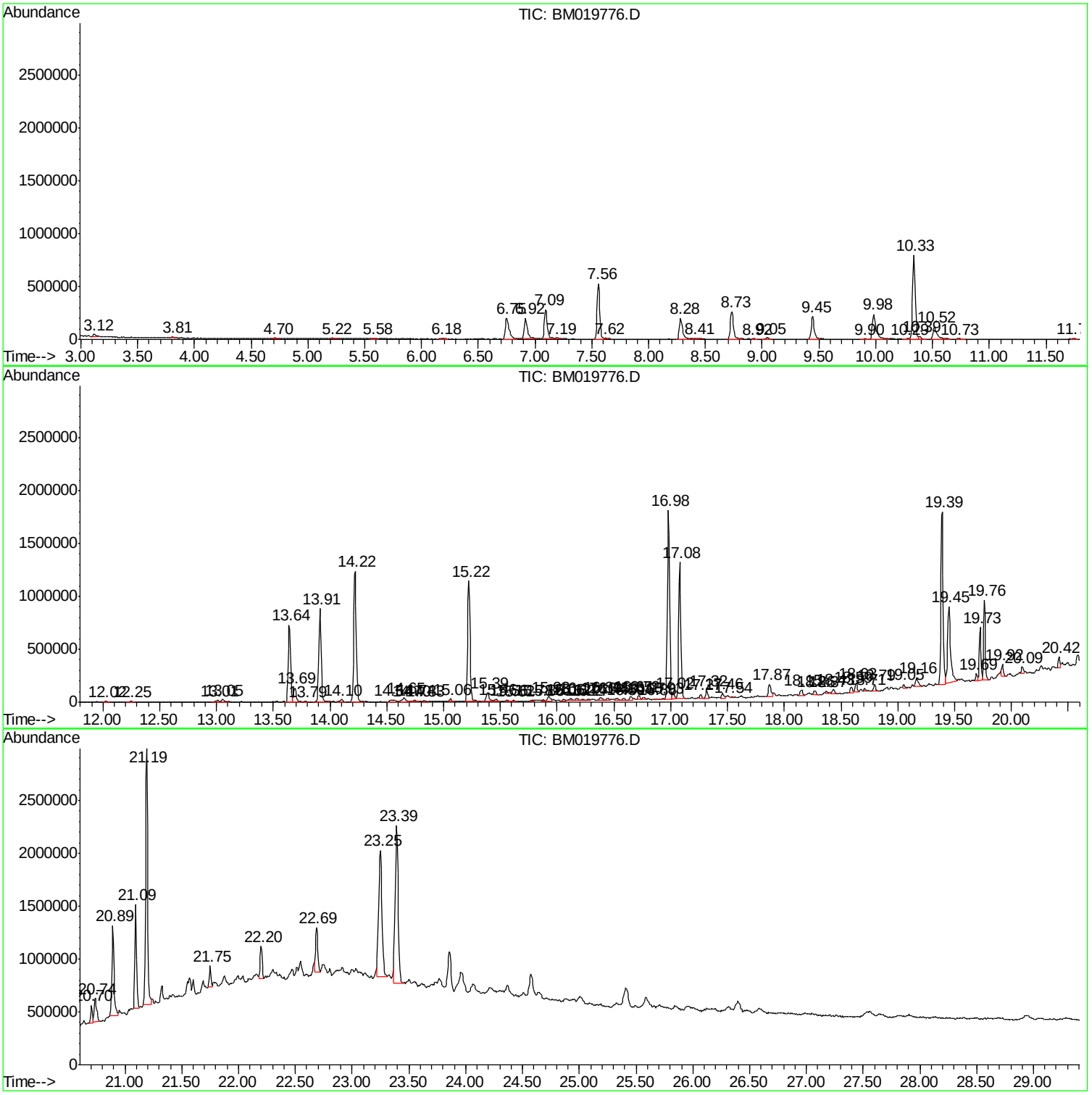
ClientSampleId :
BF610

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



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Instrument : BNA_M
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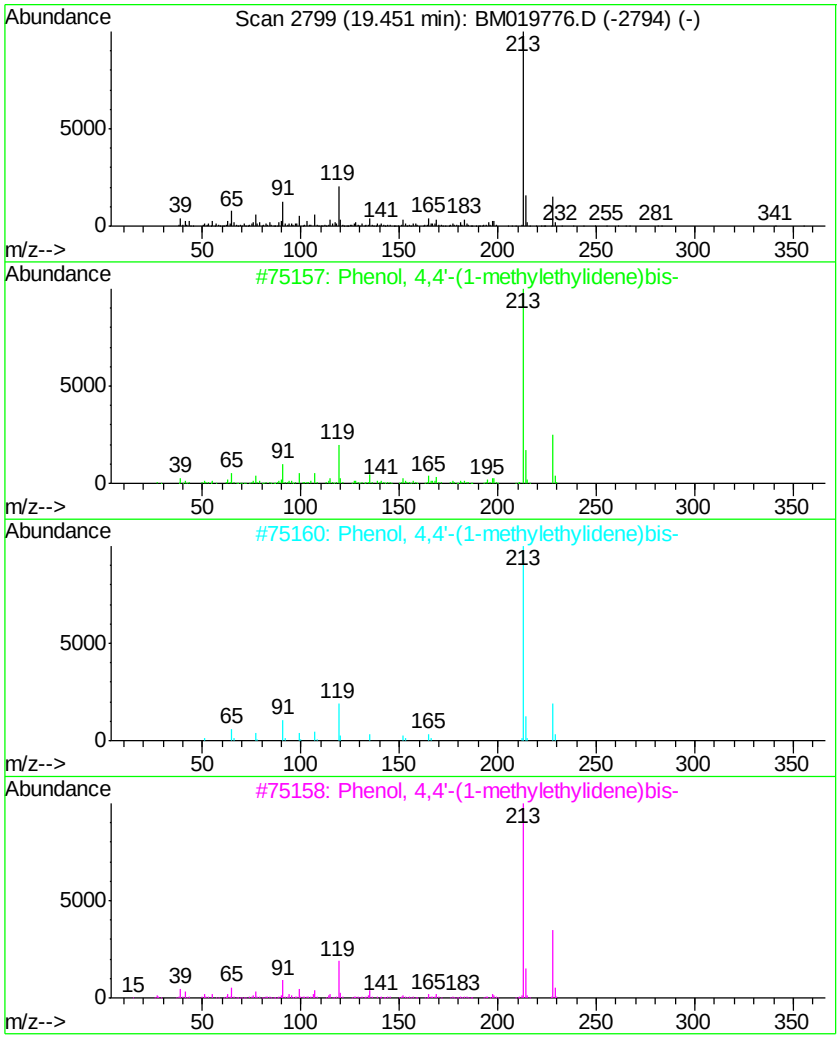
Quant Title : SVOA CALIBRATION

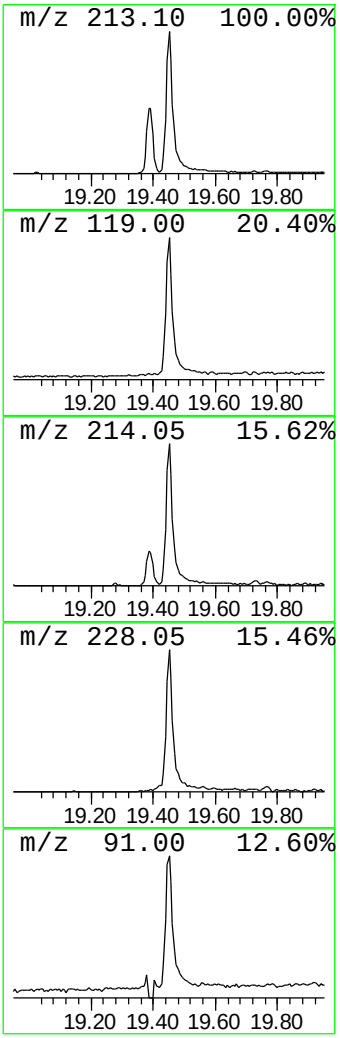
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Phenol, 4,4'-(1-methylethyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.45	7.79 ng/ul	1228900	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	96
2	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	93
3	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	90
4	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	56
5	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	53





Library Search Compound Report

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

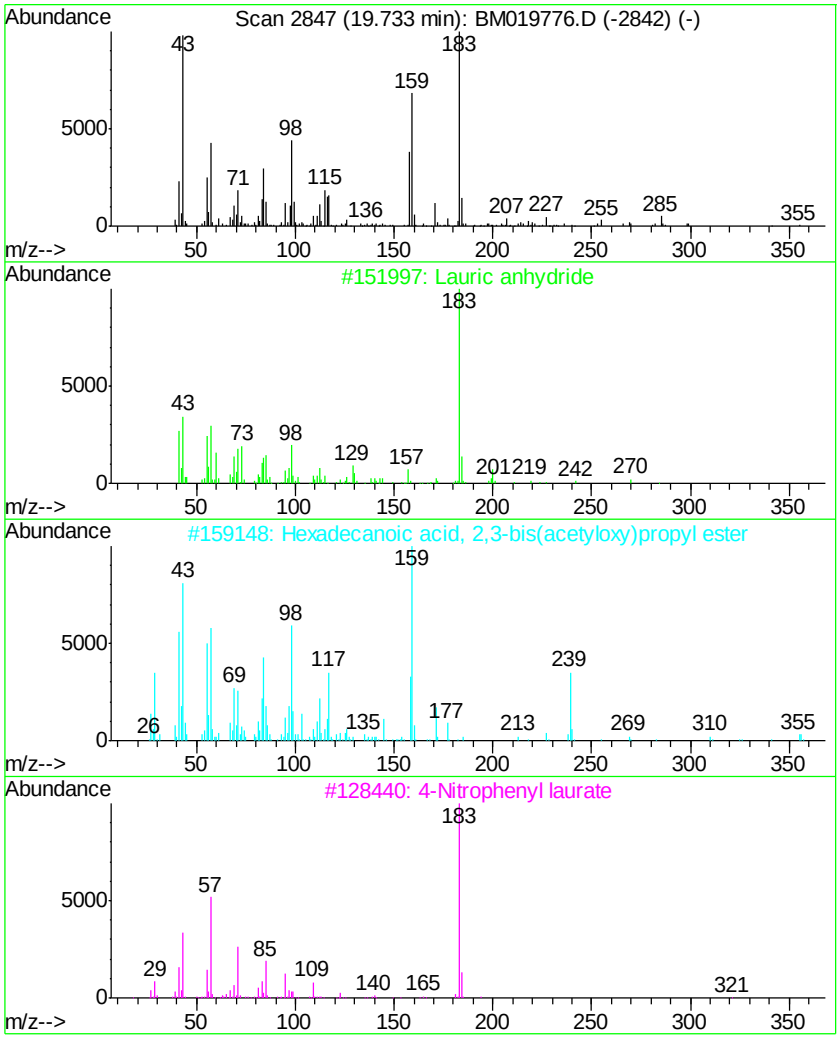
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

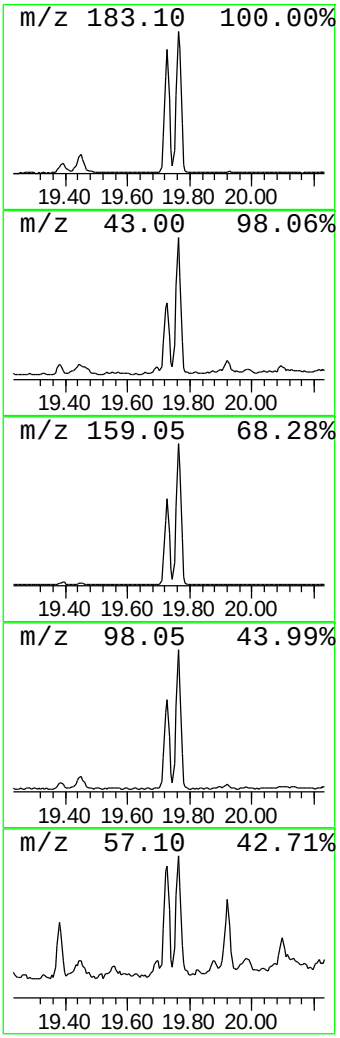
****

Peak Number 2 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.73	3.57 ng/ul	563762	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lauric anhydride	382	C24H46O3	000645-66-9	35
2	Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	32
3	4-Nitrophenyl laurate	321	C18H27NO4	001956-11-2	25
4	4-Hydroxy-3-nitrobenzoic acid	183	C7H5NO5	000616-82-0	22
5	1-Chloromethyl-1-cyclopentyloxy-...	232	C11H21ClOSi	1000279-43-1	16





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Quant Title : SVOA CALIBRATION

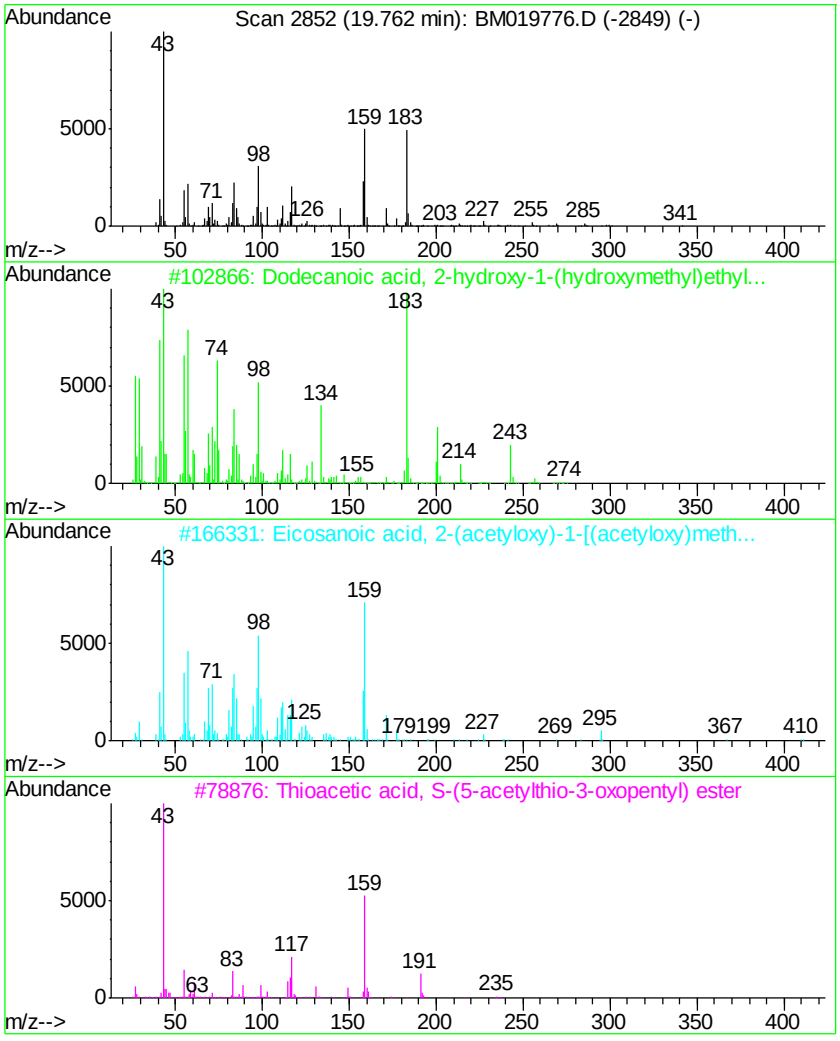
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

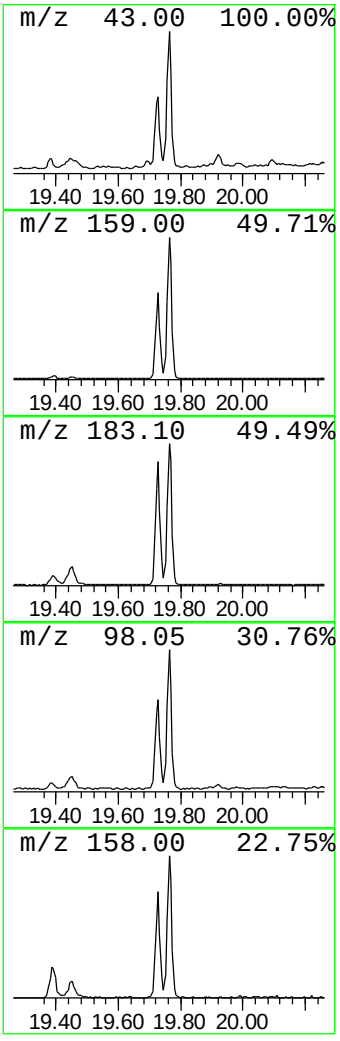
****

Peak Number 3 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	5.14 ng/ul	811693	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	35
2	Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	10
3	Thioacetic acid, S-(5-acetylthio...	234	C9H14O3S2	1000185-15-4	10
4	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	10
5	Dodecanoyl chloride	218	C12H23ClO	000112-16-3	10





Library Search Compound Report

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

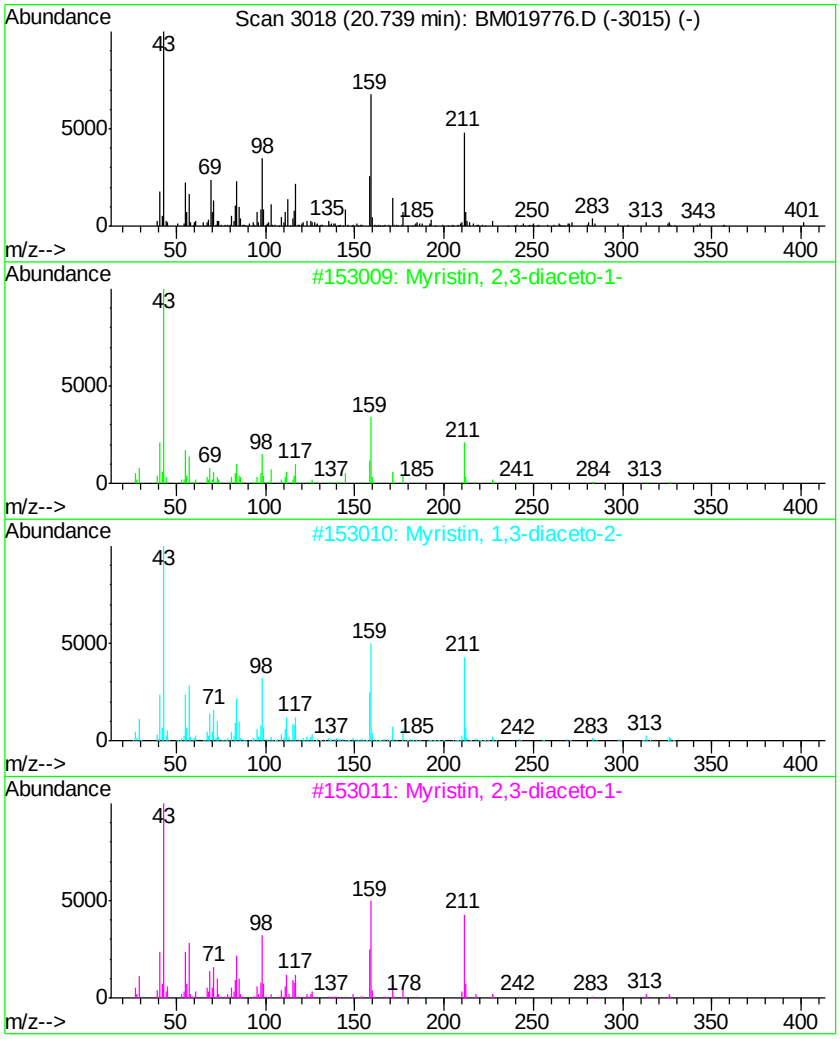
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

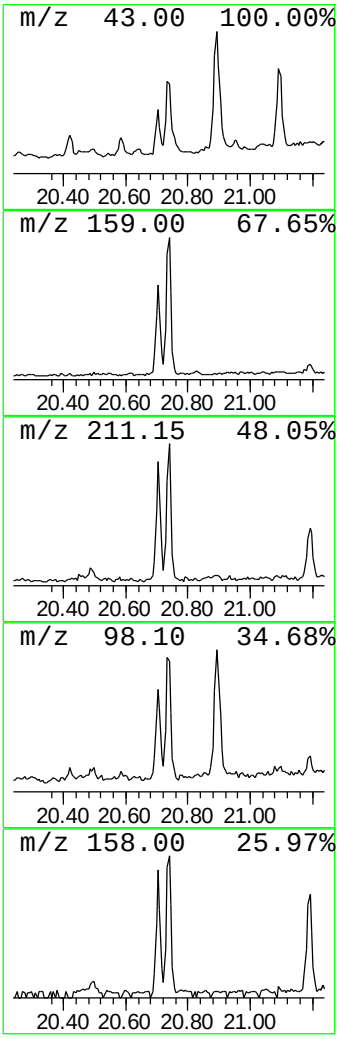
****

Peak Number 4 Myristin, 2,3-diaceto-1- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.74	2.07 ng/ul	326248	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	91
2	Myristin, 1,3-diaceto-2-	386	C21H38O6	014290-23-4	90
3	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	87
4	Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	70
5	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	53





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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF610

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

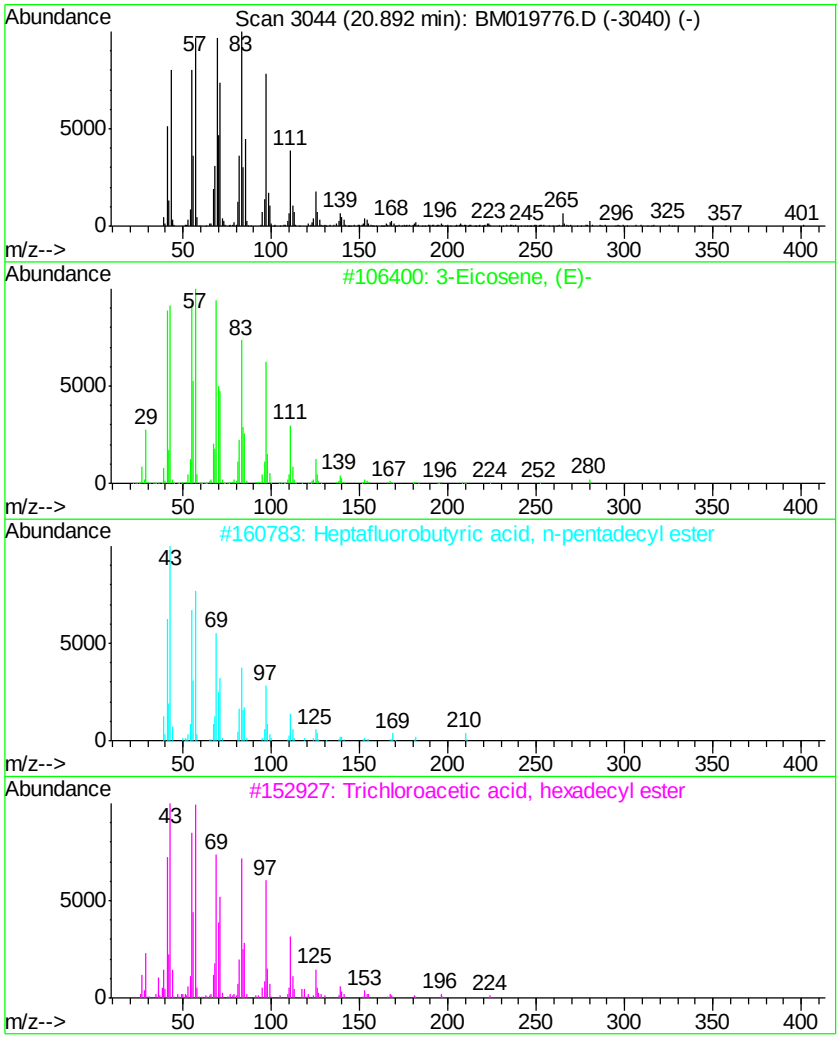
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

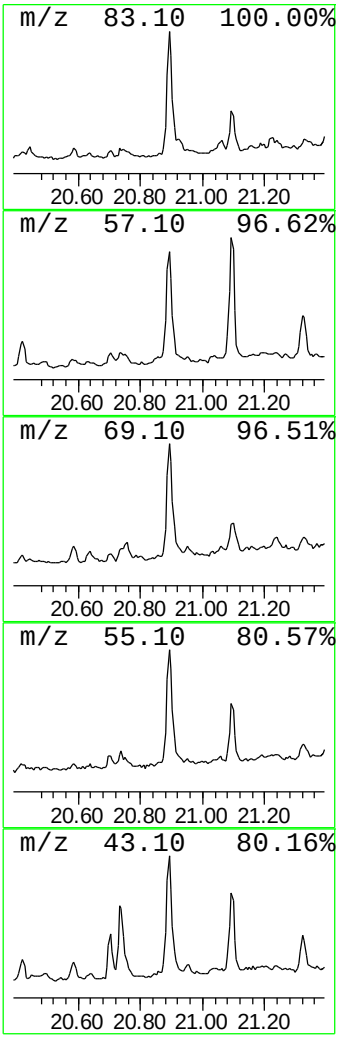
****

Peak Number 5 (DEL) Alkane: Cyclic20.89 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	7.33 ng/ul	1156850	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	94
2	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
5	1-Nonadecene	266	C19H38	018435-45-5	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
Data File : BM019776.D
Acq On : 06 Apr 2019 07:23
Operator : JU/SJ
Sample : K2217-20
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF610

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

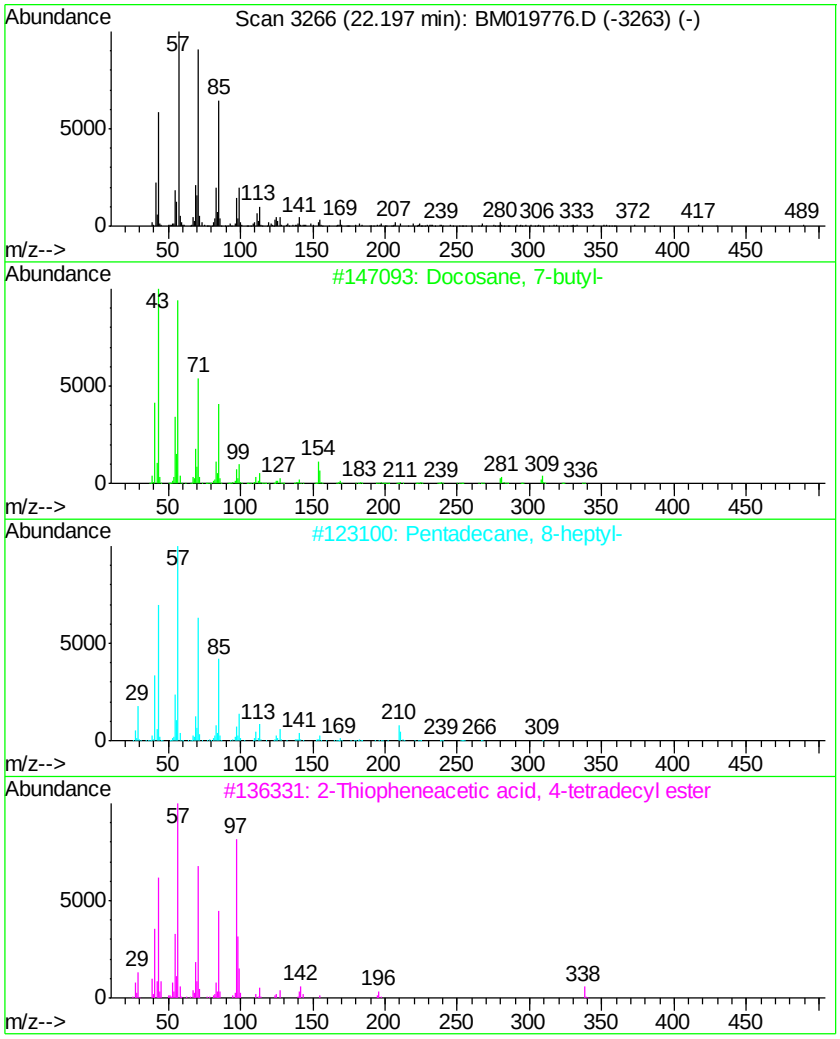
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

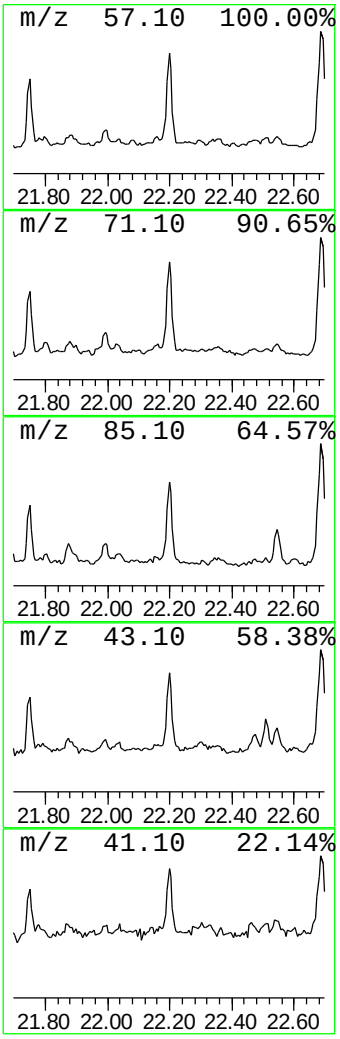
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.20	2.27 ng/ul	357817	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 7-butyl-	366	C26H54	055282-15-0	90
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	80
3	2-Thiopheneacetic acid, 4-tetrad...	338	C20H34O2S	1000280-67-0	72
4	Heptacosane	380	C27H56	000593-49-7	64
5	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	58





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Data File : BM019776.D
Acq On : 06 Apr 2019 07:23
Operator : JU/SJ
Sample : K2217-20
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF610

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

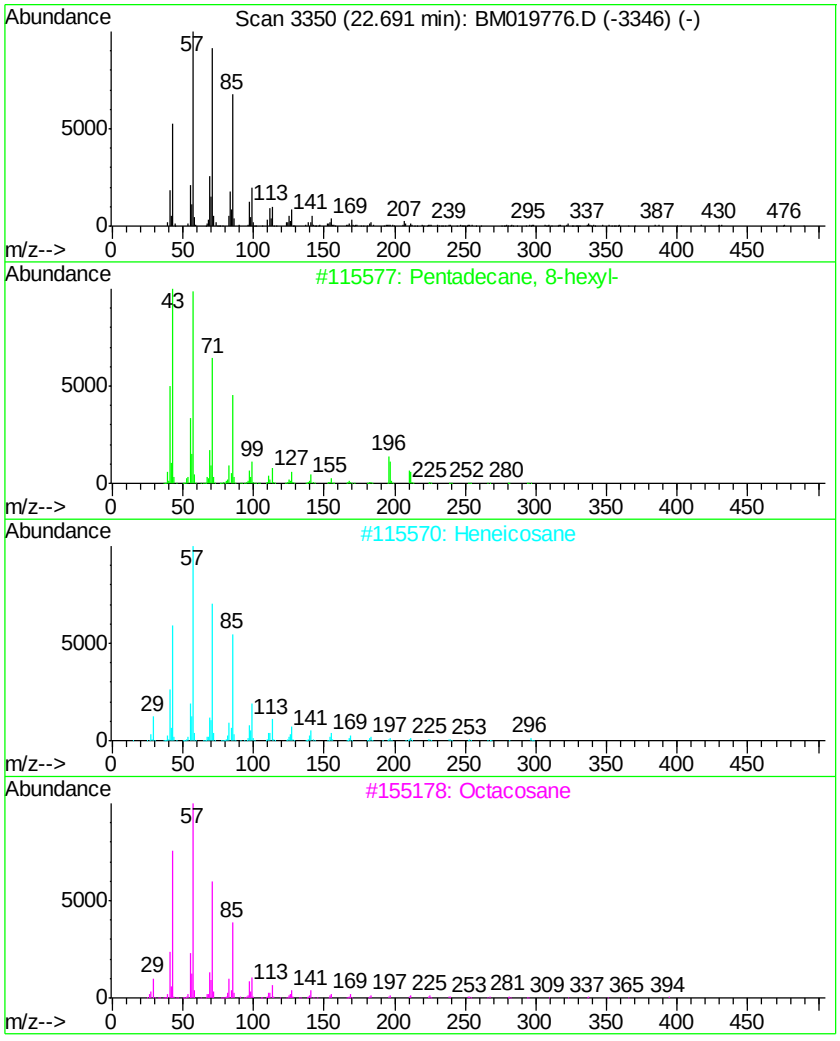
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

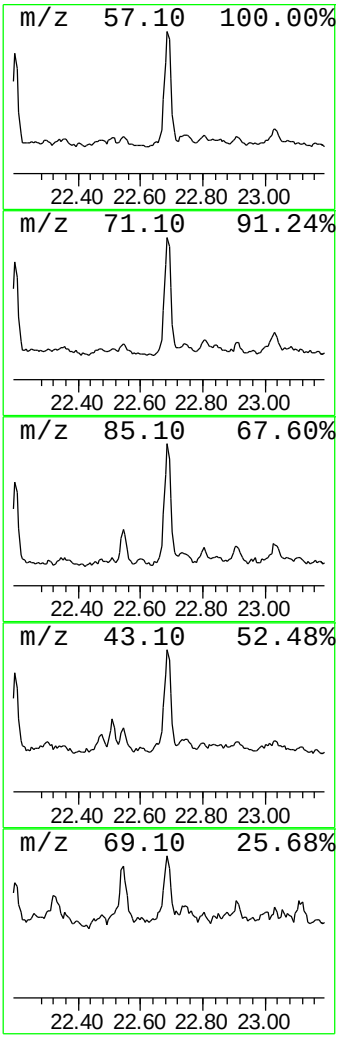
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	4.26 ng/ul	595274	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
2	Heneicosane	296	C21H44	000629-94-7	87
3	Octacosane	394	C28H58	000630-02-4	72
4	Octadecane	254	C18H38	000593-45-3	72
5	10-Methylnonadecane	282	C20H42	056862-62-5	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
Data File : BM019776.D
Acq On : 06 Apr 2019 07:23
Operator : JU/SJ
Sample : K2217-20
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF610

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
Phenol, 4,4'-(1-m...	19.45	7.8	ng/ul	1228900	5	21.19	3156080	20.0
unknown-01	19.73	3.6	ng/ul	563762	5	21.19	3156080	20.0
unknown-02	19.76	5.1	ng/ul	811693	5	21.19	3156080	20.0
Myristin, 2,3-dia...	20.74	2.1	ng/ul	326248	5	21.19	3156080	20.0
(DEL) Alkane: Cyc...	20.89	7.3	ng/ul	1156850	5	21.19	3156080	20.0
(DEL) Alkane: Str...	22.20	2.3	ng/ul	357817	5	21.19	3156080	20.0
(DEL) Alkane: Str...	22.69	4.3	ng/ul	595274	6	23.39	2794950	20.0