LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
Data File : BM019780.D
Acq On : 06 Apr 2019 09:47
Operator : JU/SJ
Sample : K2217-11
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF601

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	rBV2	26377	39236	1.20%	0.107%
2	3.528	88	92	97	rVB3	9684	15353	0.47%	0.042%
3	3.616	103	107	116	rVB	37150	53821	1.64%	0.146%
4	4.310	223	225	231	rVB5	2795	3517	0.11%	0.010%
5	4.363	231	234	237	rBV4	2921	4789	0.15%	0.013%
6	4.705	290	292	296	rVV2	4477	5173	0.16%	0.014%
7	4.757	298	301	308	rVB4	5090	9069	0.28%	0.025%
8	6.746	633	639	660	rBV	292150	631485	19.25%	1.716%
9	6.916	662	668	685	rBV	239540	458225	13.97%	1.245%
10	7.093	692	698	710	rBV	374399	616363	18.79%	1.675%
11	7.557	770	777	786	rBV	647353	1054485	32.15%	2.866%
12	7.622	786	788	799	rVB3	9534	16752	0.51%	0.046%
13	8.281	894	900	919	rBV	229142	459870	14.02%	1.250%
14	8.410	919	922	931	rVB5	5933	12398	0.38%	0.034%
15	8.734	969	977	989	rBV	311439	592546	18.07%	1.610%
16	8.869	999	1000	1007	rVB3	3076	3851	0.12%	0.010%
17	9.051	1024	1031	1035	rVB	22755	33484	1.02%	0.091%
18	9.445	1090	1098	1115	rBV	264931	504435	15.38%	1.371%
19	9.745	1143	1149	1151	rBV5	3911	6611	0.20%	0.018%
20	9.981	1182	1189	1208	rBV	322478	749085	22.84%	2.036%
21	10.157	1217	1219	1225	rVB5	1971	3294	0.10%	0.009%
22	10.334	1242	1249	1261	rBV	995437	1669087	50.89%	4.536%
23	10.516	1273	1280	1304	rBV2	139257	394965	12.04%	1.073%
24	11.892	1508	1514	1523	rBV	61722	129161	3.94%	0.351%
25	12.516	1617	1620	1621	rBV2	3668	4227	0.13%	0.011%
26	13.010	1701	1704	1708	rBV	3663	5098	0.16%	0.014%
27	13.639	1805	1811	1816	rBV	886378	1258260	38.36%	3.420%
28	13.686	1816	1819	1831	rVB	312936	477466	14.56%	1.298%
29	13.910	1848	1857	1870	rBV	1056957	1534899	46.80%	4.171%
30	14.098	1887	1889	1893	rBV2	3242	4302	0.13%	0.012%
31	14.222	1903	1910	1920	rBV2	1544658	2357704	71.88%	6.408%
32	14.492	1950	1956	1978	rBV	107152	388290	11.84%	1.055%
33	14.651	1978	1983	1992	rVV	132991	200031	6.10%	0.544%
34	15.004	2038	2043	2048	rVB5	3873	6286	0.19%	0.017%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K2217-11
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF601

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	15.063	2048	2053	2057	rBV3	7496	8727	0.27%	0.024%
36	15.121	2060	2063	2068	rVB4	3247	4287	0.13%	0.012%
37	15.221	2074	2080	2089	rBV	1390704	1982579	60.45%	5.388%
38	15.292	2089	2092	2096	rVB2	10802	14914	0.45%	0.041%
39	15.380	2101	2107	2117	rVV	242224	409615	12.49%	1.113%
40	15.469	2118	2122	2127	rVV2	16598	28697	0.87%	0.078%
41	15.627	2142	2149	2153	rVB5	3170	5987	0.18%	0.016%
42	15.780	2173	2175	2183	rVB4	3535	8418	0.26%	0.023%
43	15.921	2195	2199	2206	rBV3	5853	12758	0.39%	0.035%
44	16.016	2211	2215	2219	rVB2	5188	7447	0.23%	0.020%
45	16.098	2224	2229	2230	rBV4	3107	3530	0.11%	0.010%
46	16.174	2239	2242	2249	rVB3	4212	7367	0.22%	0.020%
47	16.333	2265	2269	2273	rBV5	3593	4032	0.12%	0.011%
48	16.386	2273	2278	2285	rBV2	40802	70599	2.15%	0.192%
49	16.527	2298	2302	2309	rVB3	18261	26575	0.81%	0.072%
50	16.721	2333	2335	2339	rVV2	6888	8011	0.24%	0.022%
51	16.774	2339	2344	2347	rVV3	8275	13355	0.41%	0.036%
52	16.980	2373	2379	2389	rBV2	2075555	2896381	88.31%	7.872%
53	17.080	2390	2396	2407	rVV	1497606	2055381	62.67%	5.586%
54	17.268	2424	2428	2433	rBV2	22712	28594	0.87%	0.078%
55	17.321	2433	2437	2443	rBV	34520	42592	1.30%	0.116%
56	17.368	2443	2445	2447	rBV3	3917	3518	0.11%	0.010%
57	17.457	2457	2460	2466	rVB5	6604	10534	0.32%	0.029%
58	17.610	2482	2486	2487	rBV2	2691	3578	0.11%	0.010%
59	17.639	2489	2491	2494	rBV4	3981	4329	0.13%	0.012%
60	17.874	2526	2531	2541	rBV	228354	373521	11.39%	1.015%
61	18.151	2575	2578	2585	rBV7	11532	15226	0.46%	0.041%
62	18.398	2618	2620	2621	rBV2	6610	5040	0.15%	0.014%
63	18.592	2649	2653	2656	rBV	34041	37769	1.15%	0.103%
64	18.633	2657	2660	2664	rVB	42474	48406	1.48%	0.132%
65	18.798	2685	2688	2691	rBV5	11770	13582	0.41%	0.037%
66	19.021	2722	2726	2731	rBV	31610	63761	1.94%	0.173%
67	19.162	2746	2750	2759	rBV	177017	298546	9.10%	0.811%
68	19.392	2783	2789	2794	rBV	1713272	2477404	75.53%	6.733%
69	19.451	2794	2799	2813	rVB	512482	924000	28.17%	2.511%
70	19.727	2842	2846	2849	rBV	337150	354090	10.80%	0.962%
71	19.762	2849	2852	2857	rVB	377221	406481	12.39%	1.105%

LSC Area Percent Report

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Sample : K2217-11
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF601

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

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Peak separation: 5

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

72	20.703	3009	3012	3015	rBV	108872	110192	3.36%	0.299%
73	20.739	3015	3018	3025	rVB	109984	121529	3.71%	0.330%
74	20.892	3040	3044	3055	rBV	391207	555051	16.92%	1.508%
75	21.192	3090	3095	3102	rBV	2534288	3279922	100.00%	8.914%
76	21.321	3115	3117	3123	rVB	89110	84418	2.57%	0.229%
77	21.750	3187	3190	3193	rBV2	127121	126882	3.87%	0.345%
78	22.197	3263	3266	3273	rVB	190057	225251	6.87%	0.612%
79	22.686	3346	3349	3356	rVB	267465	367805	11.21%	1.000%
80	23.250	3438	3445	3453	rVB2	1130979	2283148	69.61%	6.205%
81	23.392	3463	3469	3480	rVB	1513554	2827385	86.20%	7.684%
82	23.856	3544	3548	3554	rVB	246112	430371	13.12%	1.170%

Sum of corrected areas: 36795203

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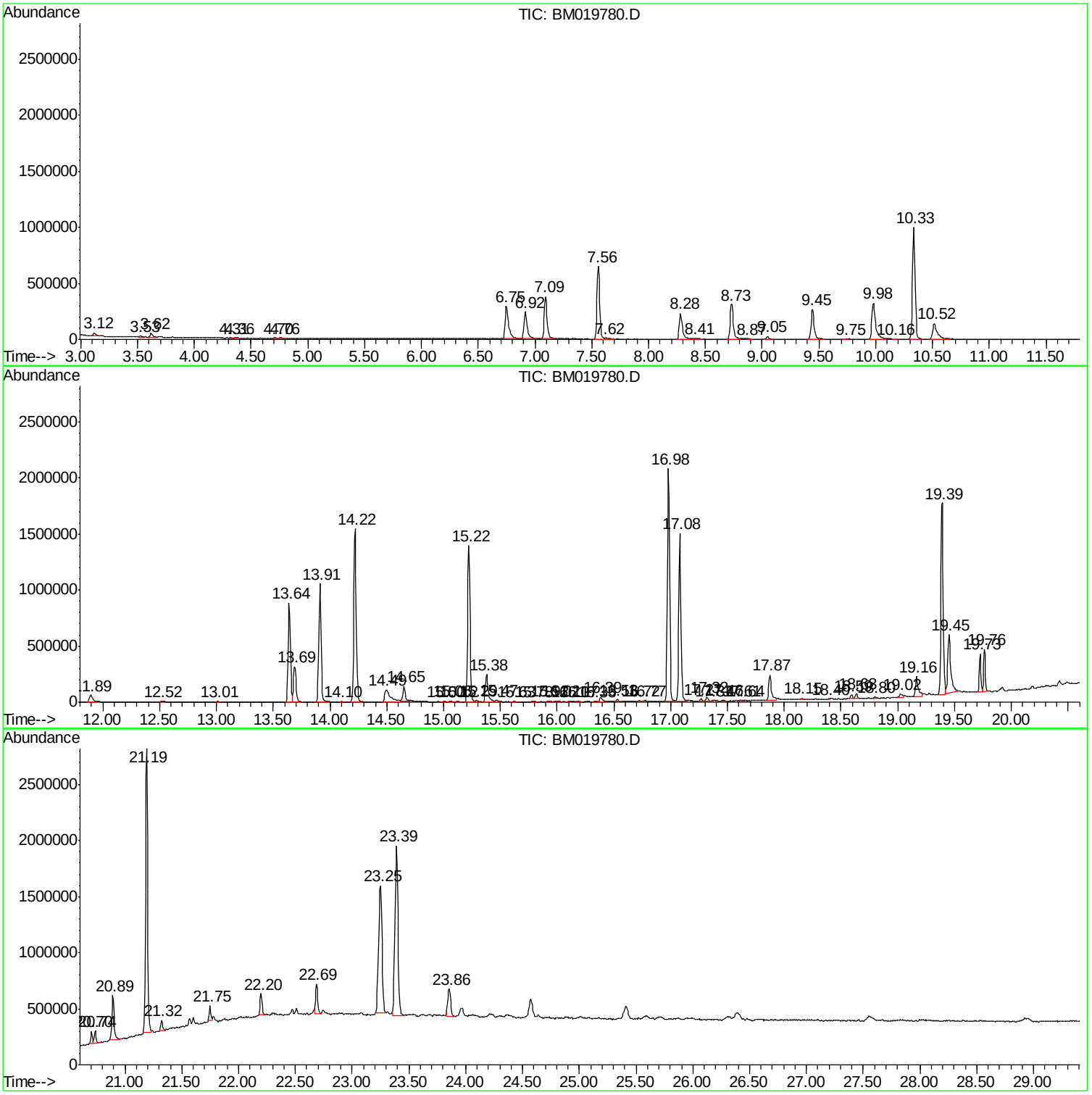
Instrument :
BNA_M
ClientSampleId :
BF601

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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Data File : BM019780.D
Acq On : 06 Apr 2019 09:47
Operator : JU/SJ
Sample : K2217-11
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF601

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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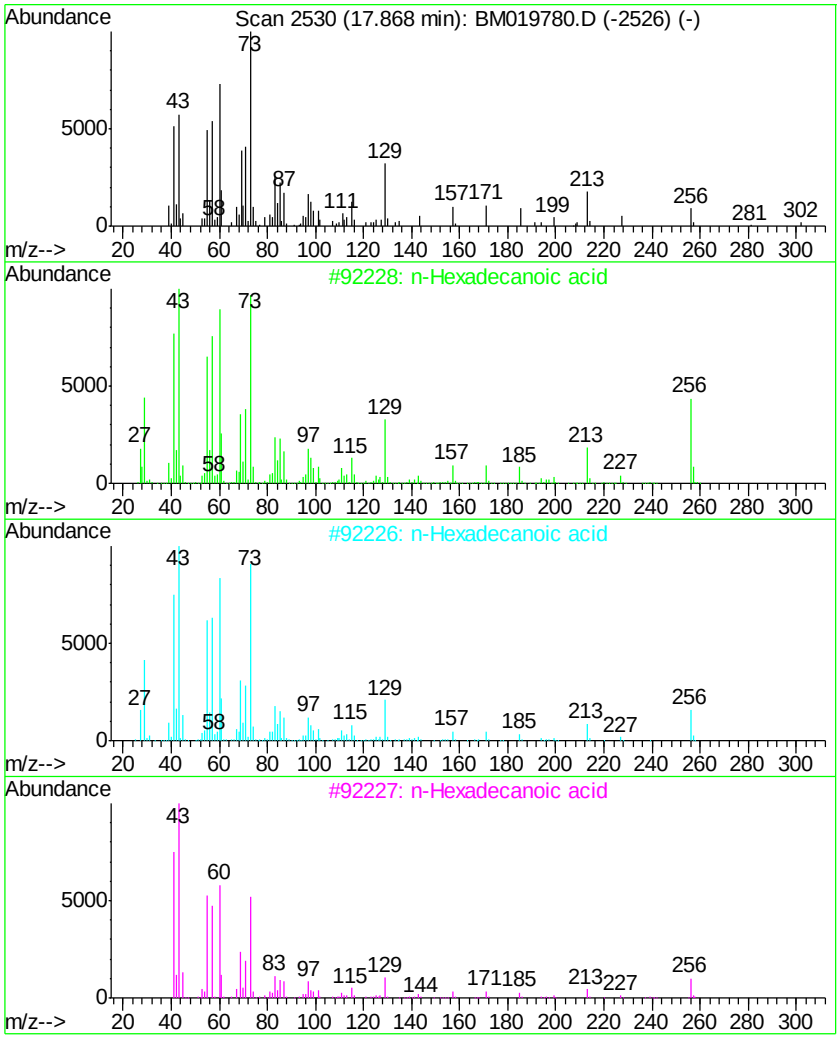
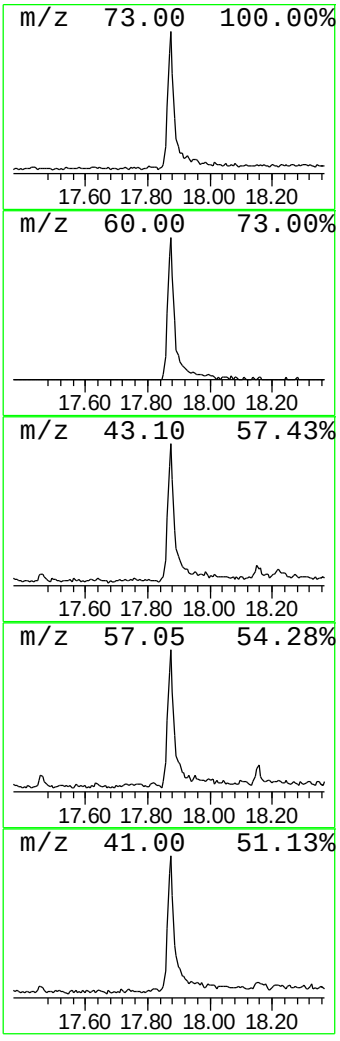
Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	2.58 ng/ul	373521	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	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
Data File : BM019780.D
Acq On : 06 Apr 2019 09:47
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Sample : K2217-11
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF601

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

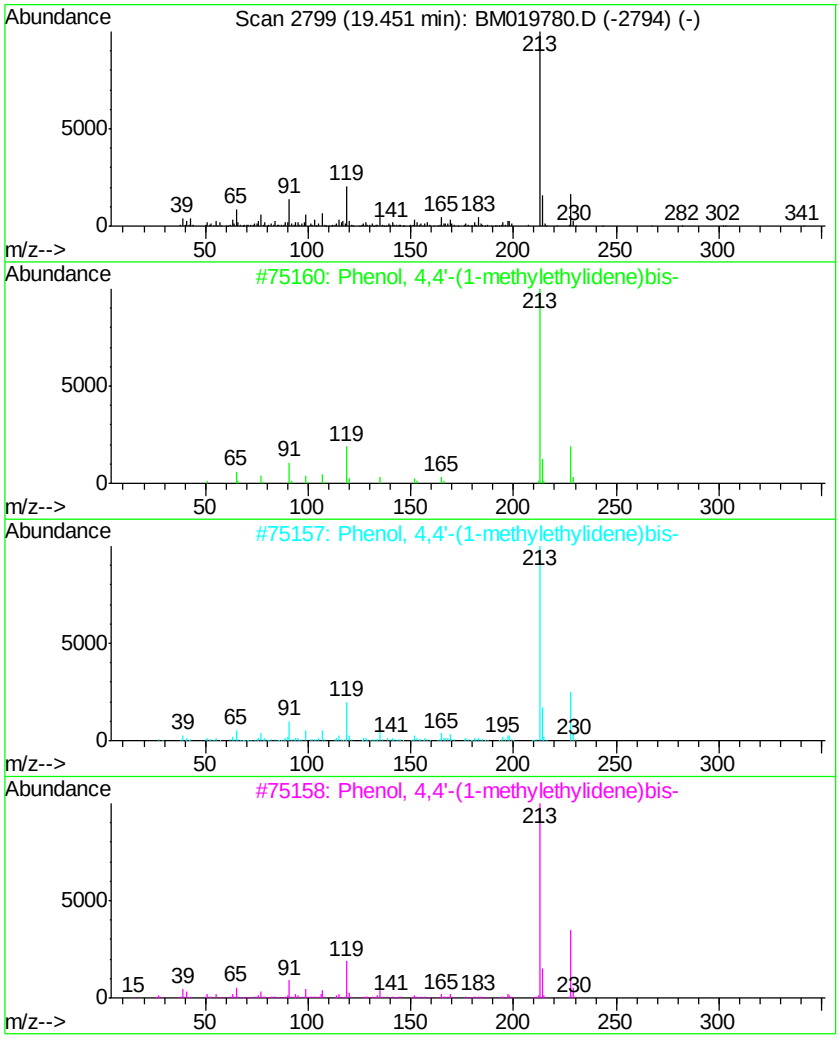
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

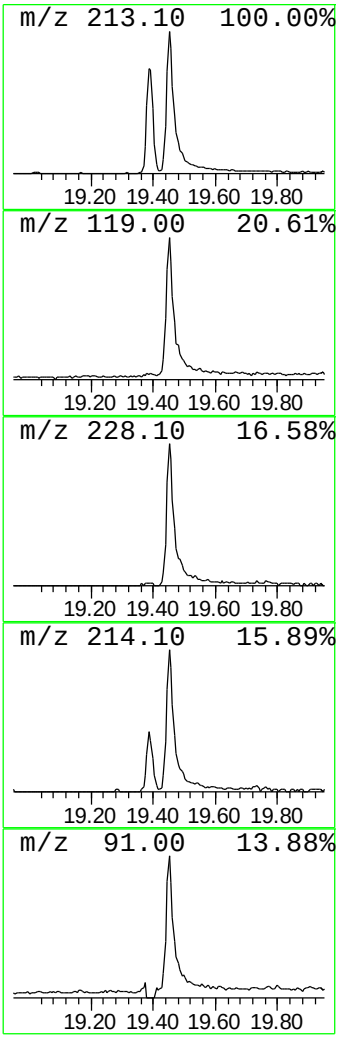
****

Peak Number 2 Phenol, 4,4'-(1-methylethyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.45	5.63 ng/ul	924000	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	96
3	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	90
4	2,2-Bis-(4-hyxroxyphenyl)-butane	242	C16H18O2	000077-40-7	59
5	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
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Operator : JU/SJ
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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

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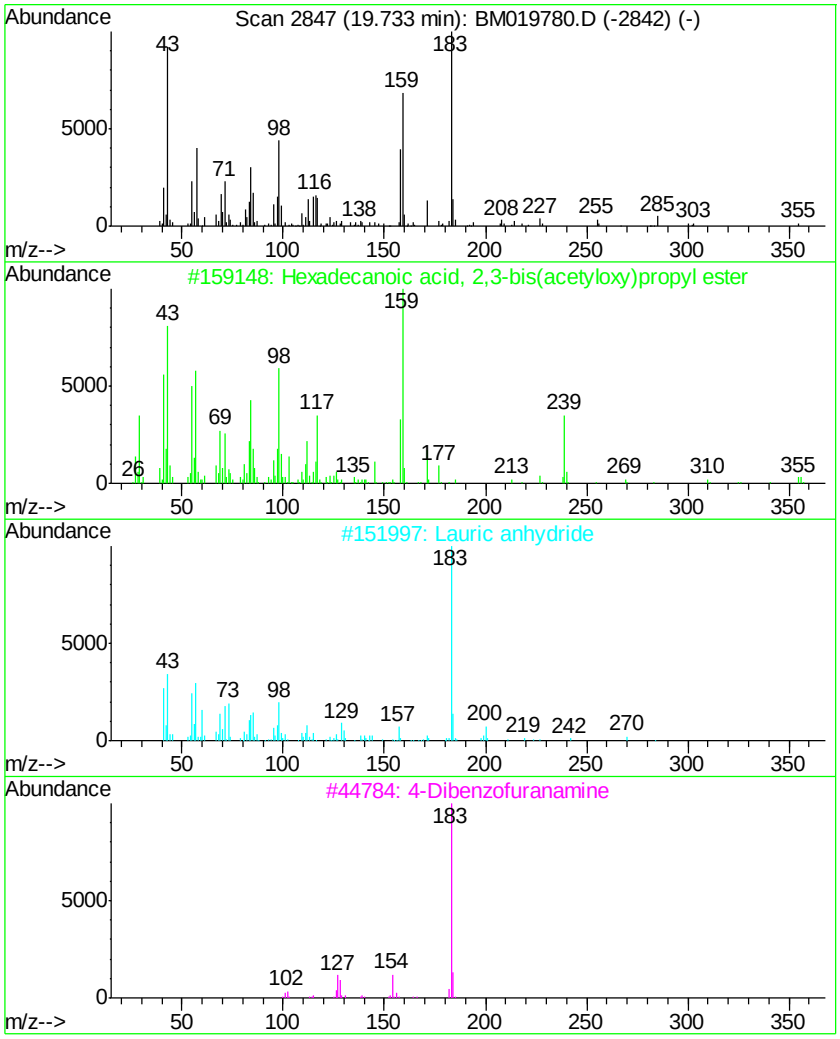
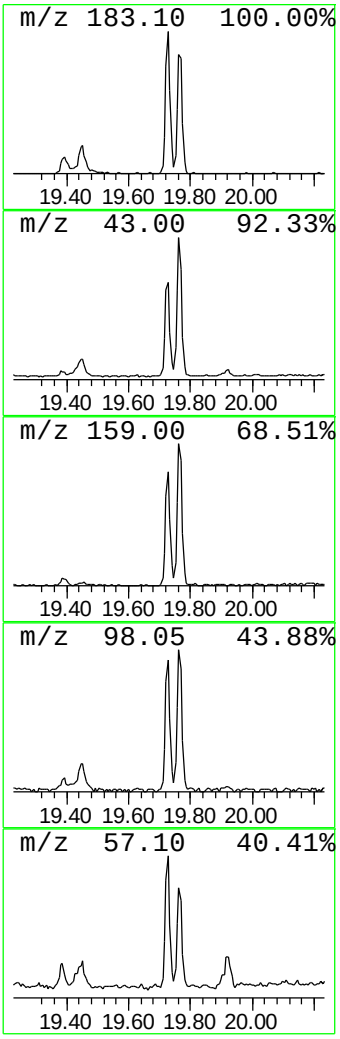
Peak Number 3 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.73	2.16 ng/ul	354090	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	43
2	Lauric anhydride	382	C24H46O3	000645-66-9	35
3	4-Dibenzofuranamine	183	C12H9NO	050548-43-1	35
4	2-Dibenzofuranamine	183	C12H9NO	003693-22-9	25
5	5,8-Methano-4H-3,1-benzoxazine-2...	183	C9H13NOS	1000142-76-7	25





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Quant Title : SVOA CALIBRATION

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

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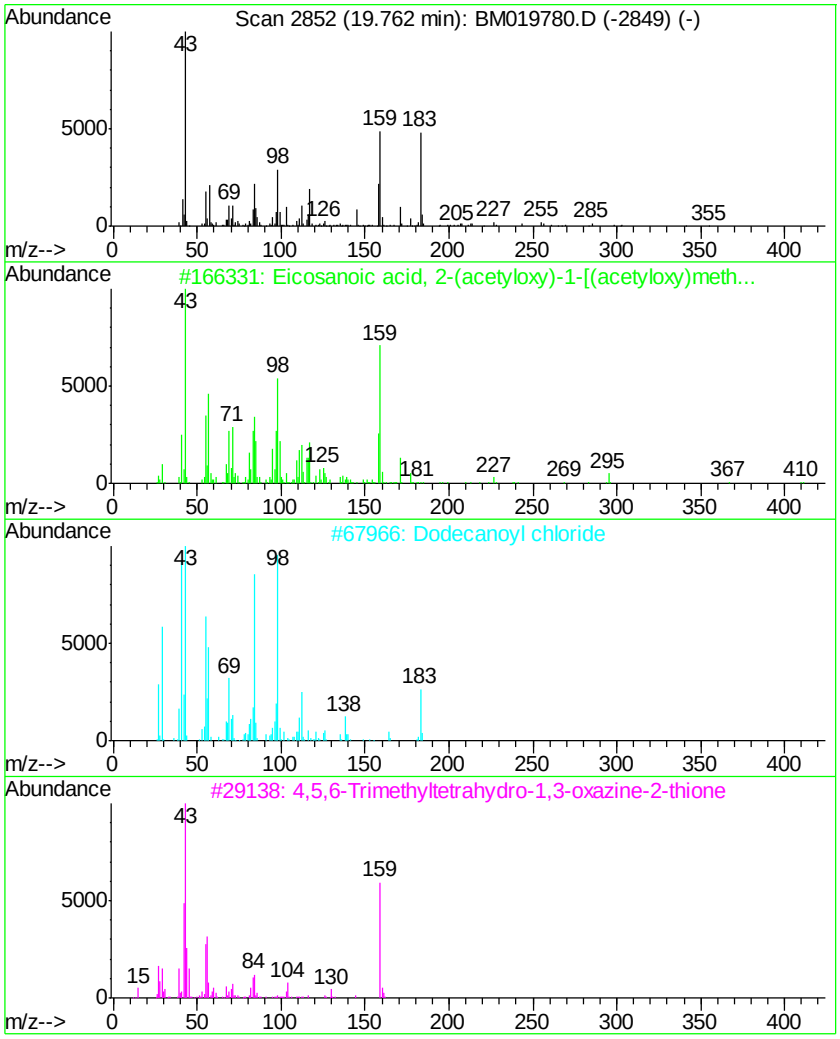
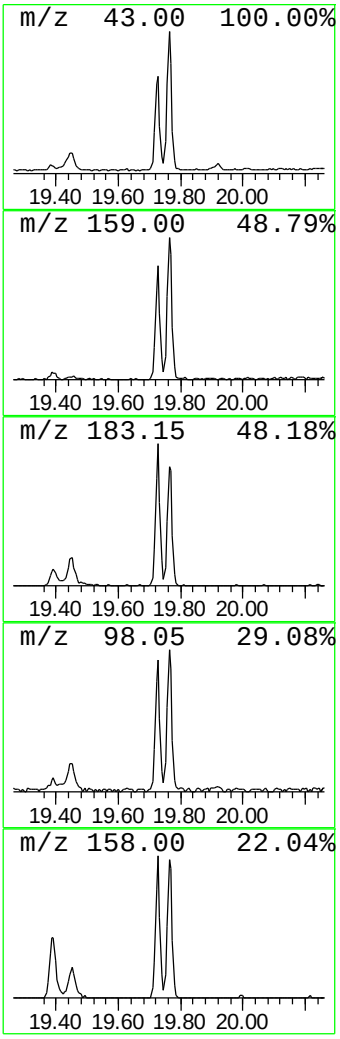
Peak Number 4 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	2.48 ng/ul	406481	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	38
2	Dodecanoyl chloride	218	C12H23ClO	000112-16-3	25
3	4,5,6-Trimethyltetrahydro-1,3-ox...	159	C7H13NOS	085333-98-8	9
4	Acetic acid, 6-iodo-9-oxabicyclo...	310	C10H15IO3	1000190-80-0	9
5	5-Isoxazolidinemethanol, 2-acety...	201	C9H15NO4	064018-47-9	9





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : BF601

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

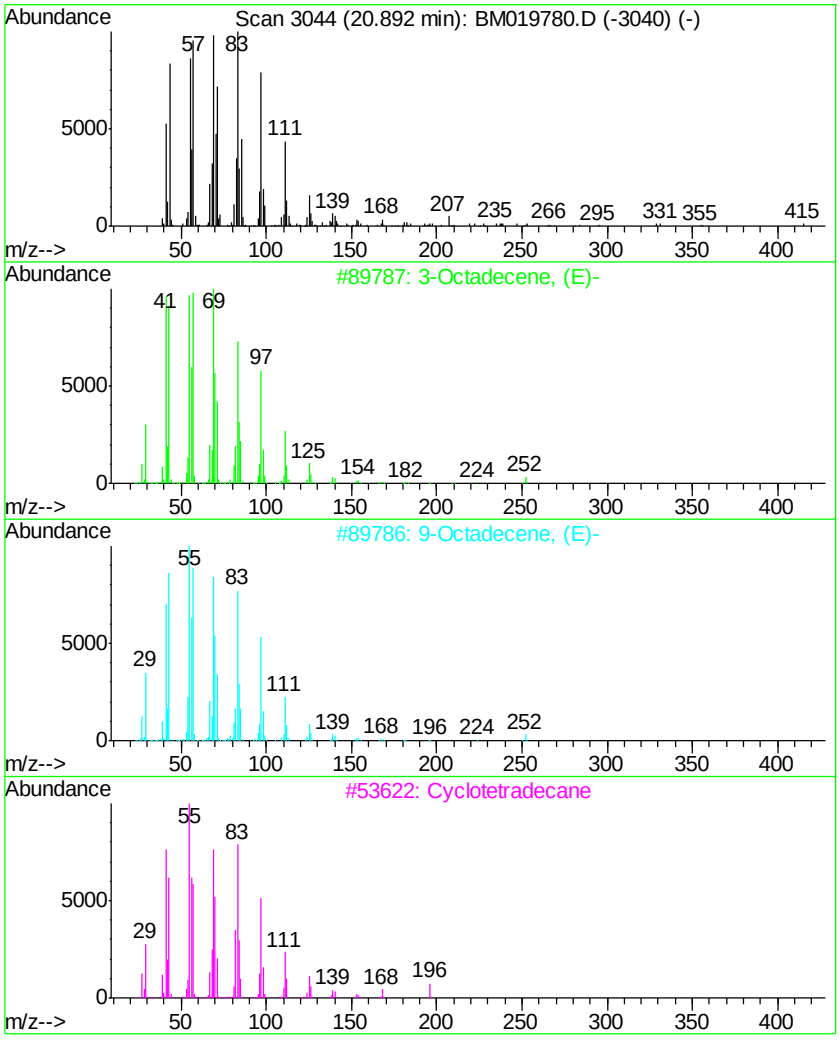
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

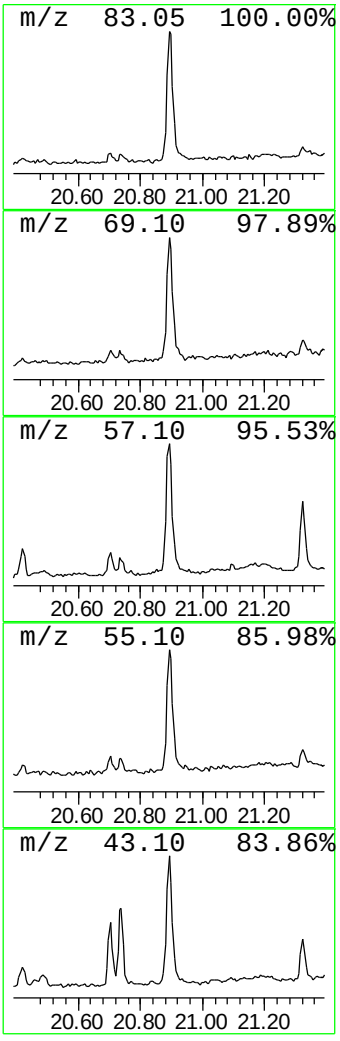
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	3.38 ng/ul	555051	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octadecene, (E)-	252	C18H36	007206-19-1	97
2	9-Octadecene, (E)-	252	C18H36	007206-25-9	93
3	Cyclotetradecane	196	C14H28	000295-17-0	92
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5	1-Hexacosanol	382	C26H54O	000506-52-5	91





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Misc :
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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

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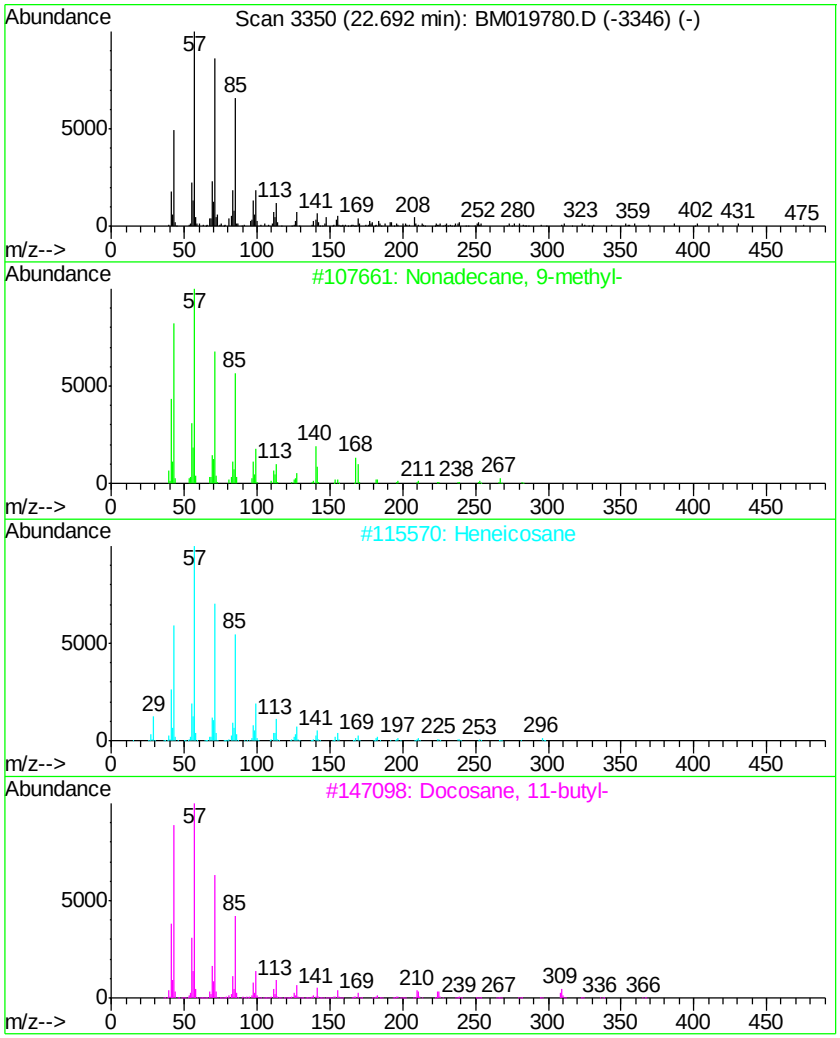
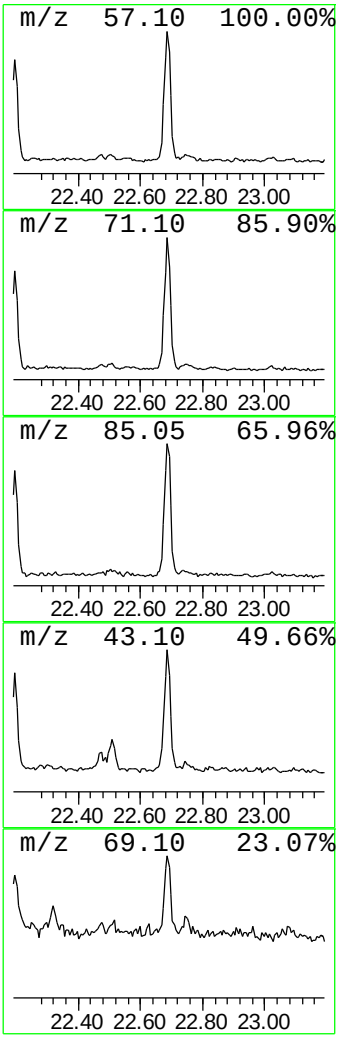
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	2.60 ng/ul	367805	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	92
2	Heneicosane	296	C21H44	000629-94-7	90
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Docosane, 9-butyl-	366	C26H54	055282-14-9	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
Data File : BM019780.D
Acq On : 06 Apr 2019 09:47
Operator : JU/SJ
Sample : K2217-11
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF601

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

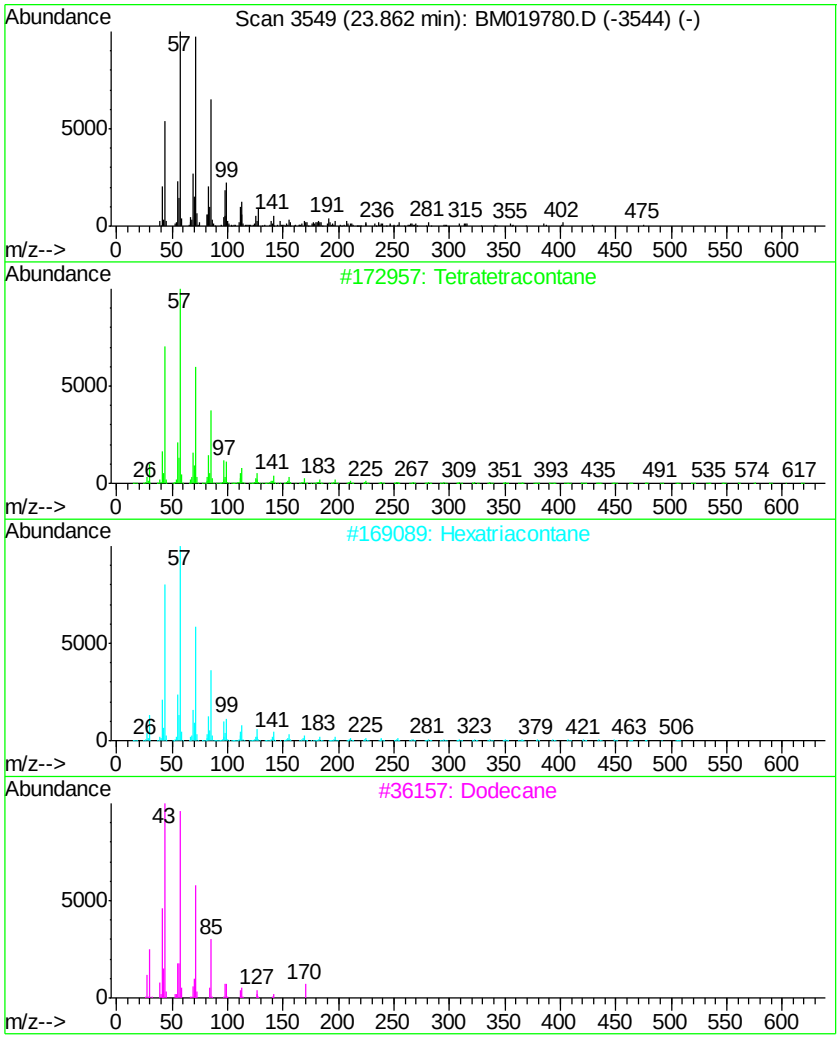
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

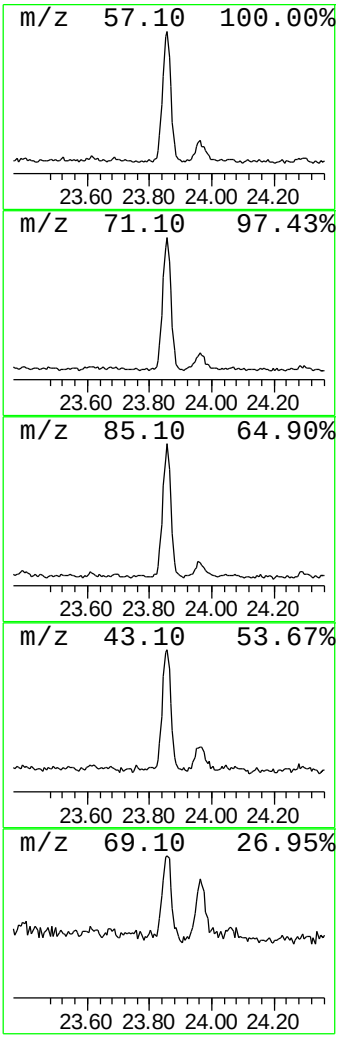
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	3.04 ng/ul	430371	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	83
2	Hexatriacontane	507	C36H74	000630-06-8	80
3	Dodecane	170	C12H26	000112-40-3	76
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
Data File : BM019780.D
Acq On : 06 Apr 2019 09:47
Operator : JU/SJ
Sample : K2217-11
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF601

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
n-Hexadecanoic acid	17.87	2.6	ng/ul	373521	4	16.98	2896380	20.0
Phenol, 4,4'-(1-m...	19.45	5.6	ng/ul	924000	5	21.19	3279920	20.0
unknown-01	19.73	2.2	ng/ul	354090	5	21.19	3279920	20.0
unknown-02	19.76	2.5	ng/ul	406481	5	21.19	3279920	20.0
(DEL) Alkane: Cyc...	20.89	3.4	ng/ul	555051	5	21.19	3279920	20.0
(DEL) Alkane: Str...	22.69	2.6	ng/ul	367805	6	23.39	2827390	20.0
(DEL) Alkane: Str...	23.86	3.0	ng/ul	430371	6	23.39	2827390	20.0