LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019732.D
Acq On : 03 Apr 2019 16:19
Operator : JU/SJ
Sample : K2148-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G3

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	32	rVB	48754	78485	2.07%	0.148%
2	3.622	105	108	117	rVB	34171	49136	1.30%	0.093%
3	3.716	117	124	129	rBV4	12913	23959	0.63%	0.045%
4	4.710	287	293	296	rBV	16757	27880	0.74%	0.053%
5	4.746	296	299	310	rVB	28487	49896	1.32%	0.094%
6	6.751	634	640	656	rBV	427192	826539	21.84%	1.562%
7	6.922	663	669	683	rBV	388343	683326	18.06%	1.291%
8	7.098	693	699	713	rVB	546385	897401	23.72%	1.696%
9	7.563	772	778	786	rBV	733571	1159857	30.65%	2.192%
10	7.622	786	788	796	rVB5	9537	19359	0.51%	0.037%
11	8.281	894	900	917	rBV	504661	946950	25.03%	1.789%
12	8.410	917	922	928	rVV2	16697	33308	0.88%	0.063%
13	8.734	968	977	993	rBV	489569	886464	23.43%	1.675%
14	9.057	1026	1032	1037	rVV	22564	35700	0.94%	0.067%
15	9.445	1092	1098	1115	rBV	428413	758048	20.03%	1.432%
16	9.716	1137	1144	1151	rBV6	8562	22625	0.60%	0.043%
17	9.981	1182	1189	1205	rBV	568942	1122342	29.66%	2.121%
18	10.345	1244	1251	1257	rBV	1090908	1819654	48.09%	3.439%
19	10.392	1257	1259	1266	rVB	23471	34071	0.90%	0.064%
20	10.510	1272	1279	1301	rBV	412292	911375	24.09%	1.722%
21	11.757	1485	1491	1496	rBV3	6807	11429	0.30%	0.022%
22	11.951	1519	1524	1533	rVV3	8147	14949	0.40%	0.028%
23	12.022	1533	1536	1541	rVV4	4975	9456	0.25%	0.018%
24	12.504	1612	1618	1627	rBV3	14134	33786	0.89%	0.064%
25	13.022	1702	1706	1710	rVV	12236	17698	0.47%	0.033%
26	13.110	1717	1721	1726	rVV2	6778	10961	0.29%	0.021%
27	13.651	1806	1813	1817	rVV	1203496	1718006	45.40%	3.246%
28	13.698	1817	1821	1833	rVB	283758	417138	11.02%	0.788%
29	13.922	1852	1859	1873	rVB	1376583	2208497	58.37%	4.173%
30	14.104	1886	1890	1895	rVB2	12552	18064	0.48%	0.034%
31	14.227	1904	1911	1928	rVB2	1608556	2467987	65.23%	4.664%
32	14.492	1950	1956	1971	rBV	183543	511618	13.52%	0.967%
33	14.657	1978	1984	2000	rVB	210340	354772	9.38%	0.670%
34	14.845	2012	2016	2022	rVB6	8569	16549	0.44%	0.031%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K2148-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G3

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	15.016	2038	2045	2049	rVB5	13524	23014	0.61%	0.043%
36	15.069	2049	2054	2058	rBV3	22696	28409	0.75%	0.054%
37	15.110	2058	2061	2068	rVB3	9184	14638	0.39%	0.028%
38	15.227	2075	2081	2088	rBV	1767053	2540822	67.15%	4.801%
39	15.386	2102	2108	2118	rBV	258682	426214	11.26%	0.805%
40	15.469	2118	2122	2130	rVB5	28419	47790	1.26%	0.090%
41	15.580	2137	2141	2144	rBV3	7412	10476	0.28%	0.020%
42	15.727	2163	2166	2170	rBV3	8420	10609	0.28%	0.020%
43	15.951	2197	2204	2208	rBV6	27747	67856	1.79%	0.128%
44	16.186	2242	2244	2251	rVB8	8747	13273	0.35%	0.025%
45	16.280	2256	2260	2261	rBV3	10971	11709	0.31%	0.022%
46	16.304	2261	2264	2267	rVB5	13089	16956	0.45%	0.032%
47	16.339	2268	2270	2274	rVB4	14743	14908	0.39%	0.028%
48	16.392	2274	2279	2284	rBV	63362	97141	2.57%	0.184%
49	16.515	2298	2300	2306	rBV6	13554	19194	0.51%	0.036%
50	16.563	2306	2308	2311	rVB4	13535	14503	0.38%	0.027%
51	16.657	2319	2324	2330	rBV5	18404	31327	0.83%	0.059%
52	16.727	2330	2336	2340	rBV4	34258	52593	1.39%	0.099%
53	16.774	2341	2344	2347	rVB3	11193	12468	0.33%	0.024%
54	16.810	2347	2350	2356	rVB2	21705	35840	0.95%	0.068%
55	16.886	2358	2363	2369	rBV8	18538	37829	1.00%	0.071%
56	16.992	2374	2381	2385	rBV2	1874903	2749759	72.67%	5.196%
57	17.027	2385	2387	2392	rVB	282187	351471	9.29%	0.664%
58	17.086	2392	2397	2403	rBV2	1779307	2548871	67.36%	4.817%
59	17.163	2408	2410	2412	rVB2	11933	11406	0.30%	0.022%
60	17.386	2444	2448	2450	rBV5	12070	17705	0.47%	0.033%
61	17.421	2450	2454	2458	rVV3	27762	44204	1.17%	0.084%
62	17.468	2458	2462	2466	rVB3	35726	46032	1.22%	0.087%
63	17.510	2466	2469	2472	rBV	22184	30058	0.79%	0.057%
64	17.880	2525	2532	2536	rBV2	423517	693547	18.33%	1.311%
65	17.998	2549	2552	2557	rVB	38808	55472	1.47%	0.105%
66	18.057	2557	2562	2567	rBV2	133493	251433	6.65%	0.475%
67	18.098	2567	2569	2575	rVB2	66623	86477	2.29%	0.163%
68	18.162	2576	2580	2587	rBV5	39882	84057	2.22%	0.159%
69	18.374	2612	2616	2621	rVB	84202	109617	2.90%	0.207%
70	18.433	2622	2626	2632	rVB2	52961	77449	2.05%	0.146%
71	18.668	2663	2666	2670	rBV2	33353	39598	1.05%	0.075%

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Sample : K2148-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G3

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	18.709	2670	2673	2676	rVB	27526	34976	0.92%	0.066%
73	18.798	2682	2688	2692	rBV2	93819	195024	5.15%	0.369%
74	18.945	2706	2713	2720	rBV3	68783	166709	4.41%	0.315%
75	19.062	2724	2733	2738	rBV	1724600	2365026	62.50%	4.469%
76	19.174	2747	2752	2755	rBV2	210103	296129	7.83%	0.560%
77	19.215	2756	2759	2764	rVB	109050	148588	3.93%	0.281%
78	19.398	2784	2790	2793	rBV	2012833	3061050	80.90%	5.784%
79	19.427	2793	2795	2804	rVV	1617847	1948306	51.49%	3.682%
80	19.498	2804	2807	2813	rVB2	91309	147733	3.90%	0.279%
81	19.609	2823	2826	2832	rVB	67557	91519	2.42%	0.173%
82	19.733	2844	2847	2849	rBV2	136248	175476	4.64%	0.332%
83	19.768	2851	2853	2859	rVB3	186794	211212	5.58%	0.399%
84	19.927	2876	2880	2885	rVB2	293064	411641	10.88%	0.778%
85	20.027	2893	2897	2900	rBV2	170100	215403	5.69%	0.407%
86	20.086	2902	2907	2911	rVB2	136699	237858	6.29%	0.449%
87	20.221	2928	2930	2934	rVB	59587	64011	1.69%	0.121%
88	20.680	3006	3008	3012	rBV	85528	89688	2.37%	0.169%
89	20.845	3033	3036	3039	rBV2	107167	141132	3.73%	0.267%
90	20.898	3039	3045	3054	rVB4	474137	911501	24.09%	1.722%
91	21.198	3089	3096	3100	rBV2	2169364	3783740	100.00%	7.150%
92	21.233	3100	3102	3113	rVB	879464	1072527	28.35%	2.027%
93	22.209	3265	3268	3275	rVB4	215467	321567	8.50%	0.608%
94	22.697	3348	3351	3354	rBV	267313	309610	8.18%	0.585%
95	22.744	3354	3359	3364	rBV	756656	1605240	42.42%	3.033%
96	23.209	3434	3438	3441	rBV	368681	593070	15.67%	1.121%
97	23.256	3442	3446	3451	rVV2	999463	1887778	49.89%	3.567%
98	23.309	3451	3455	3463	rVB	710606	1221059	32.27%	2.307%
99	23.403	3465	3471	3476	rBV	1034741	1875134	49.56%	3.543%
100	23.874	3547	3551	3556	rVB	246386	414835	10.96%	0.784%

Sum of corrected areas: 52919552

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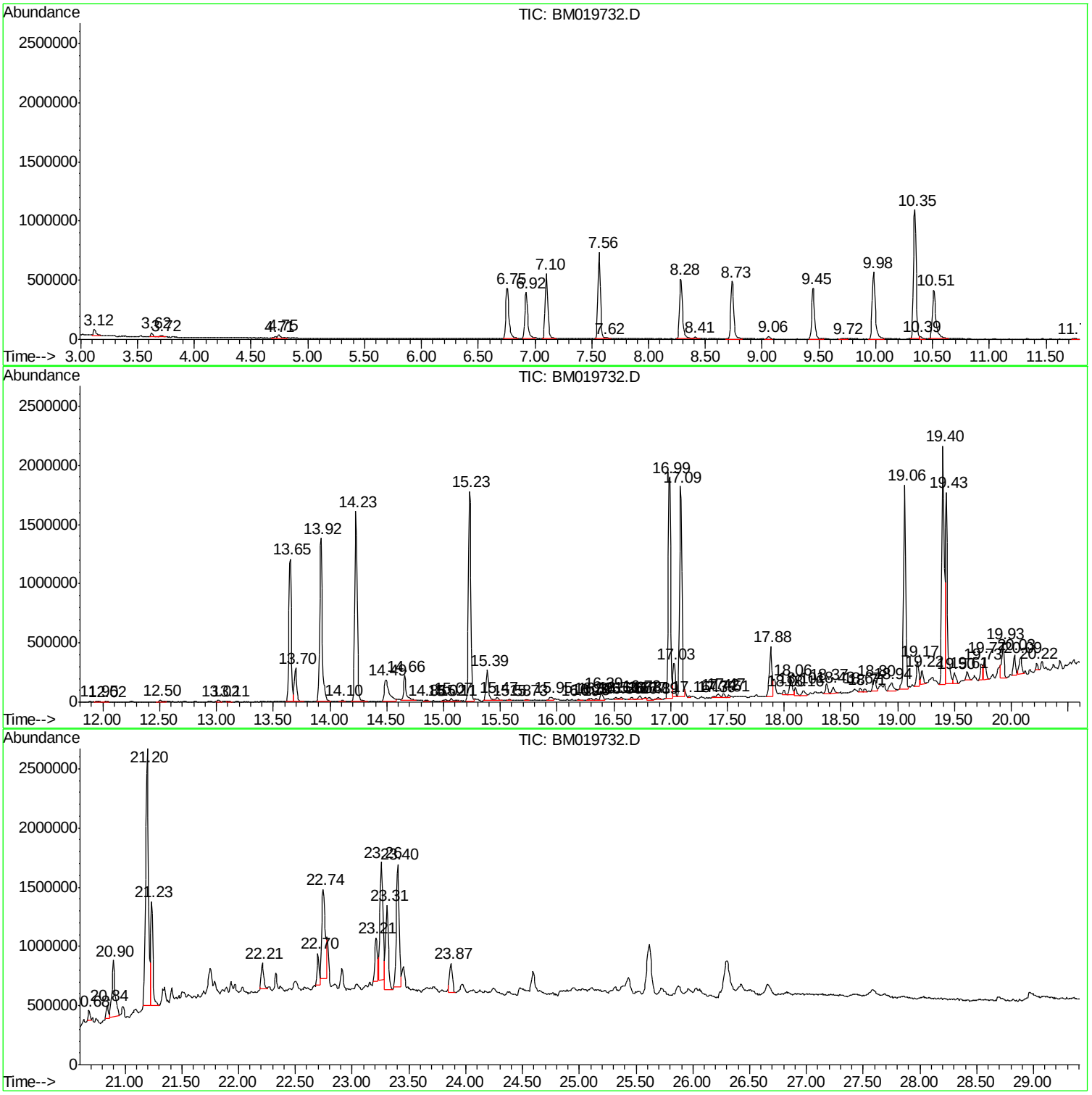
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5G3

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

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Quant Title : SVOA CALIBRATION

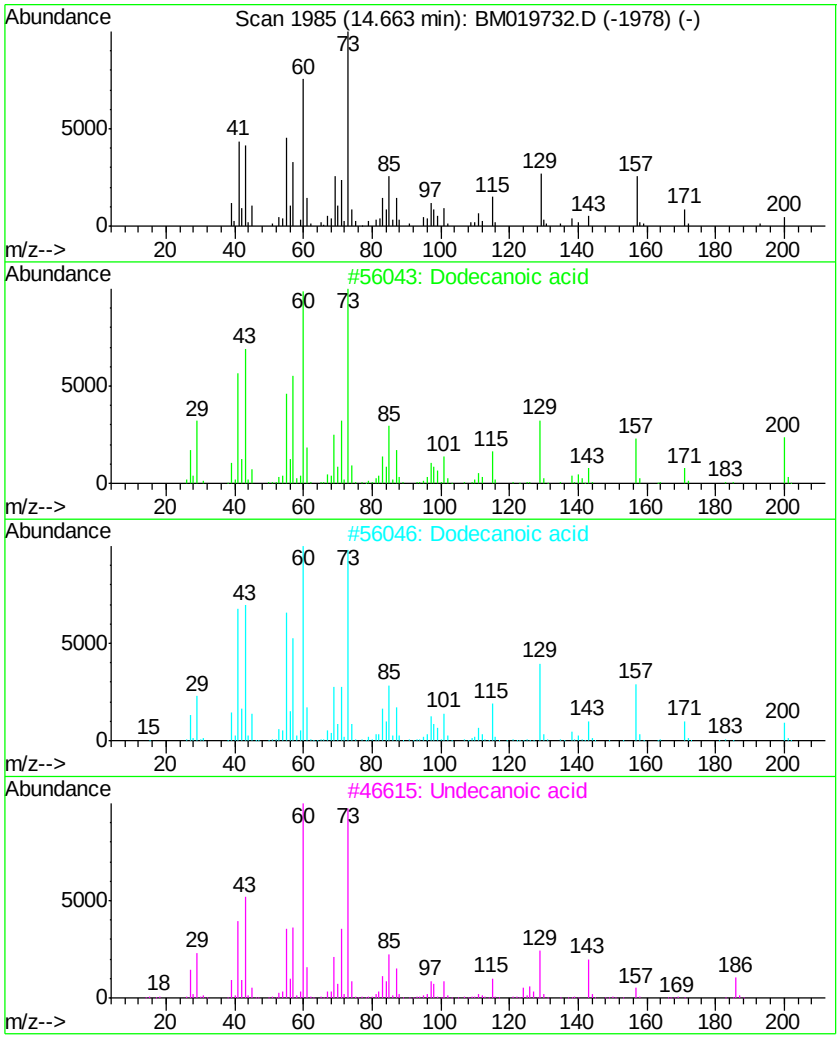
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

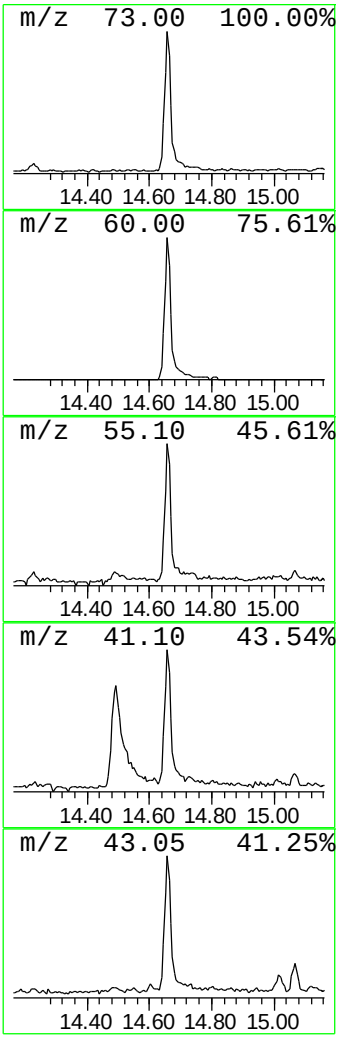
****

Peak Number 1 Dodecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	2.87 ng/ul	354772	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	87
2	Dodecanoic acid	200	C12H24O2	000143-07-7	87
3	Undecanoic acid	186	C11H22O2	000112-37-8	86
4	Undecanoic acid	186	C11H22O2	000112-37-8	56
5	Nonanoic acid	158	C9H18O2	000112-05-0	53





Library Search Compound Report

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Sample : K2148-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G3

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

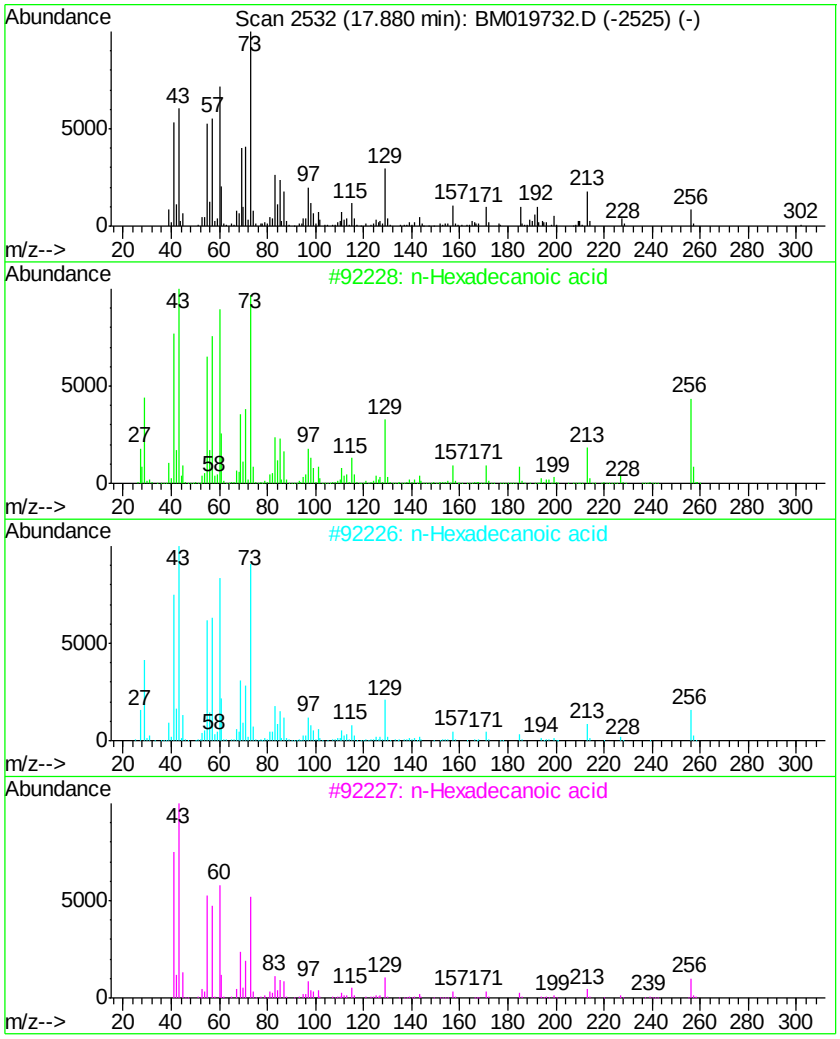
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

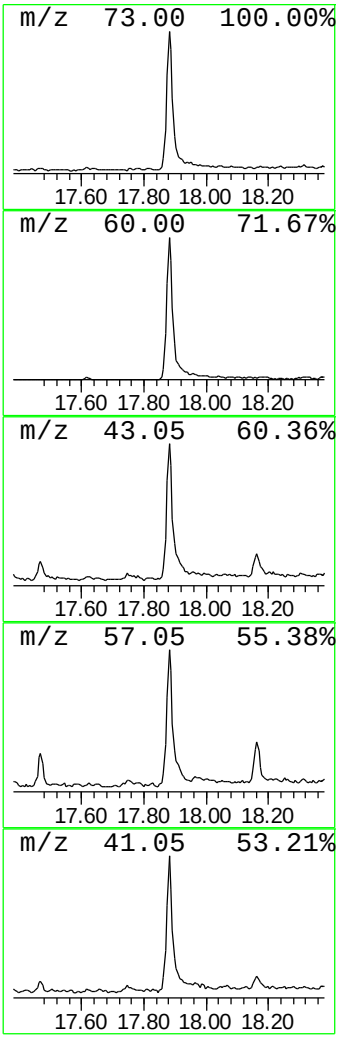
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	5.04 ng/ul	693547	Phenanthrene-d10	16.99

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	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	18





Library Search Compound Report

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Sample : K2148-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G3

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

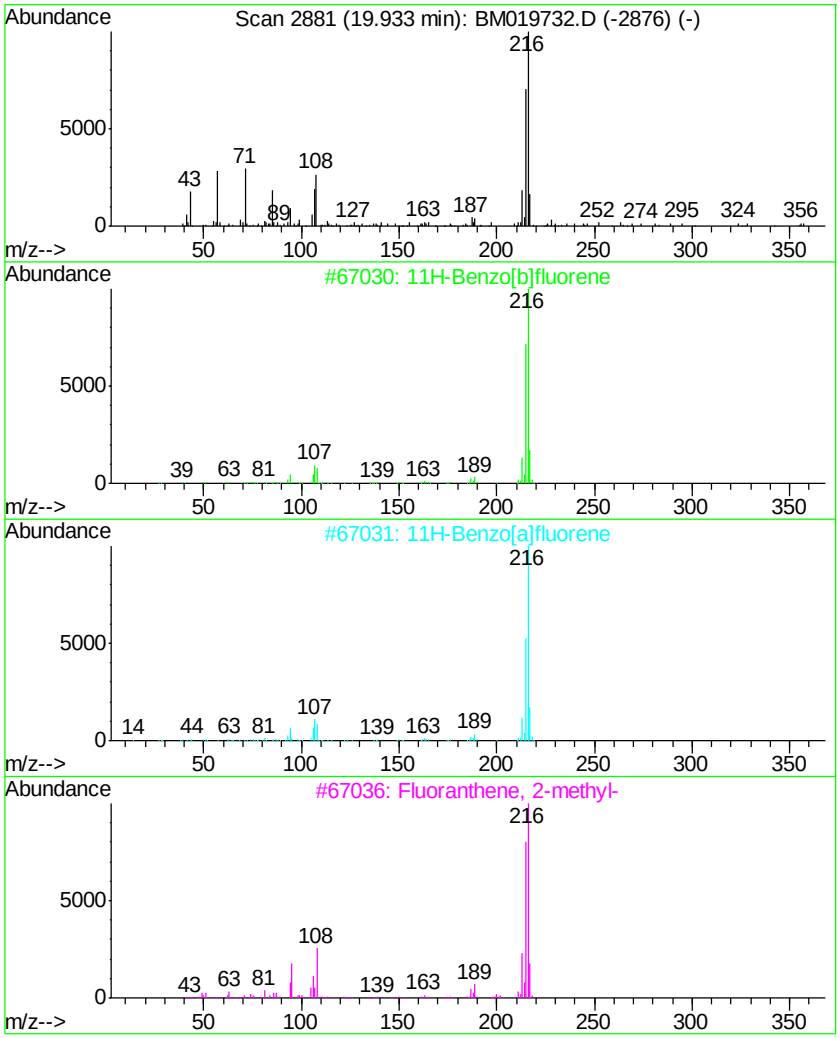
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

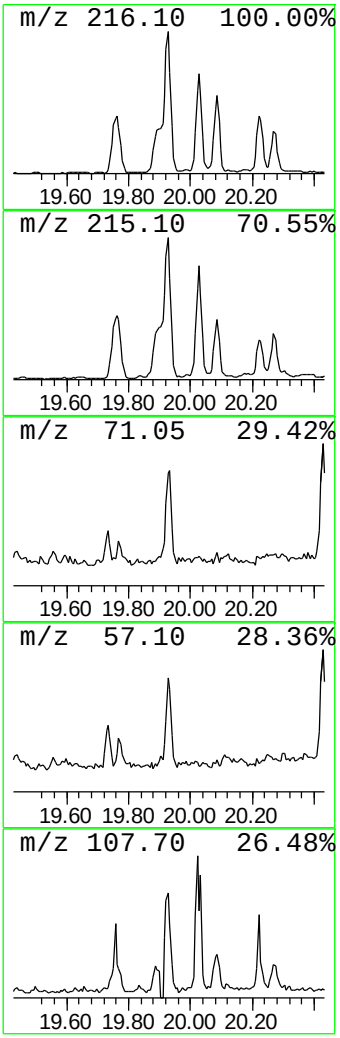
****

Peak Number 3 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	2.18 ng/ul	411641	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	74
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74





Library Search Compound Report

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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G3

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

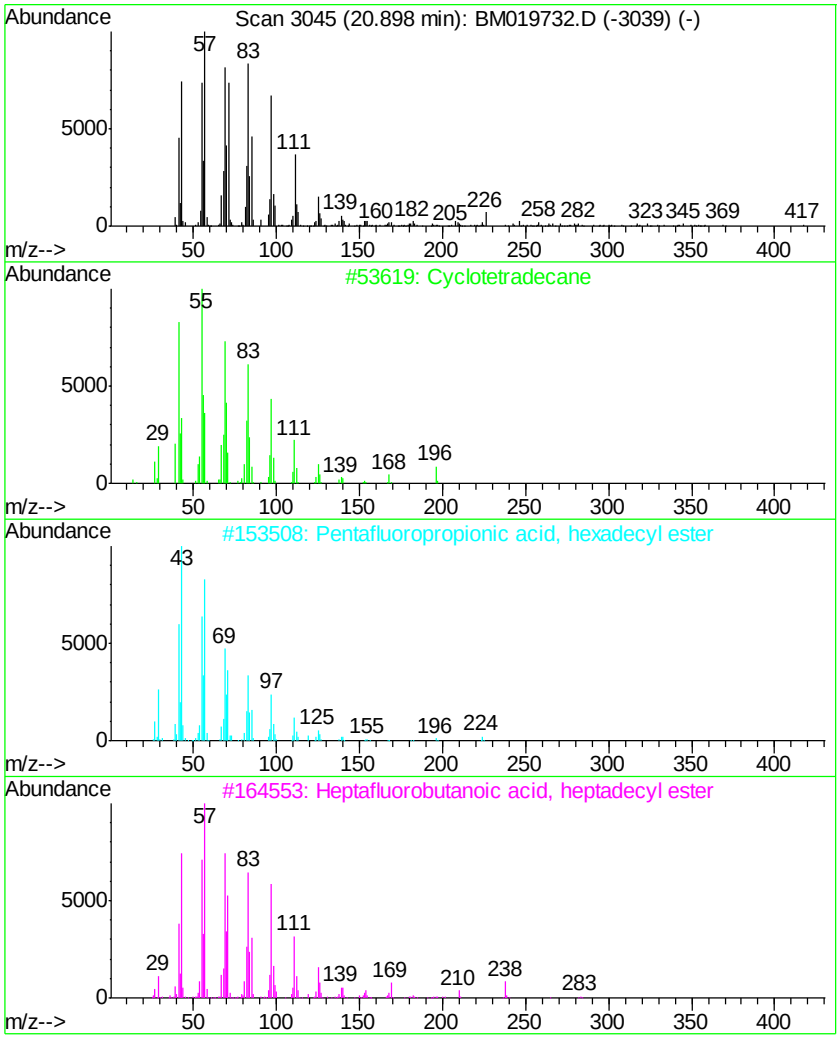
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

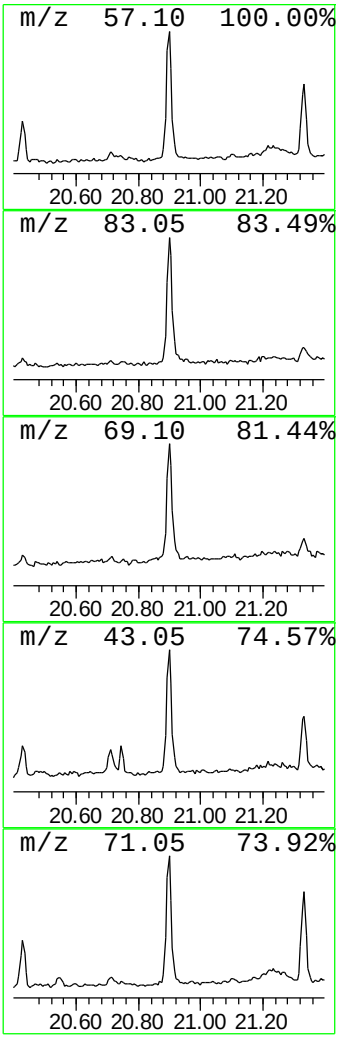
****

Peak Number 4 (DEL) Alkane: Cyclic20.90 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	4.82 ng/ul	911501	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	93
2	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	91
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	89





Library Search Compound Report

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Sample : K2148-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G3

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

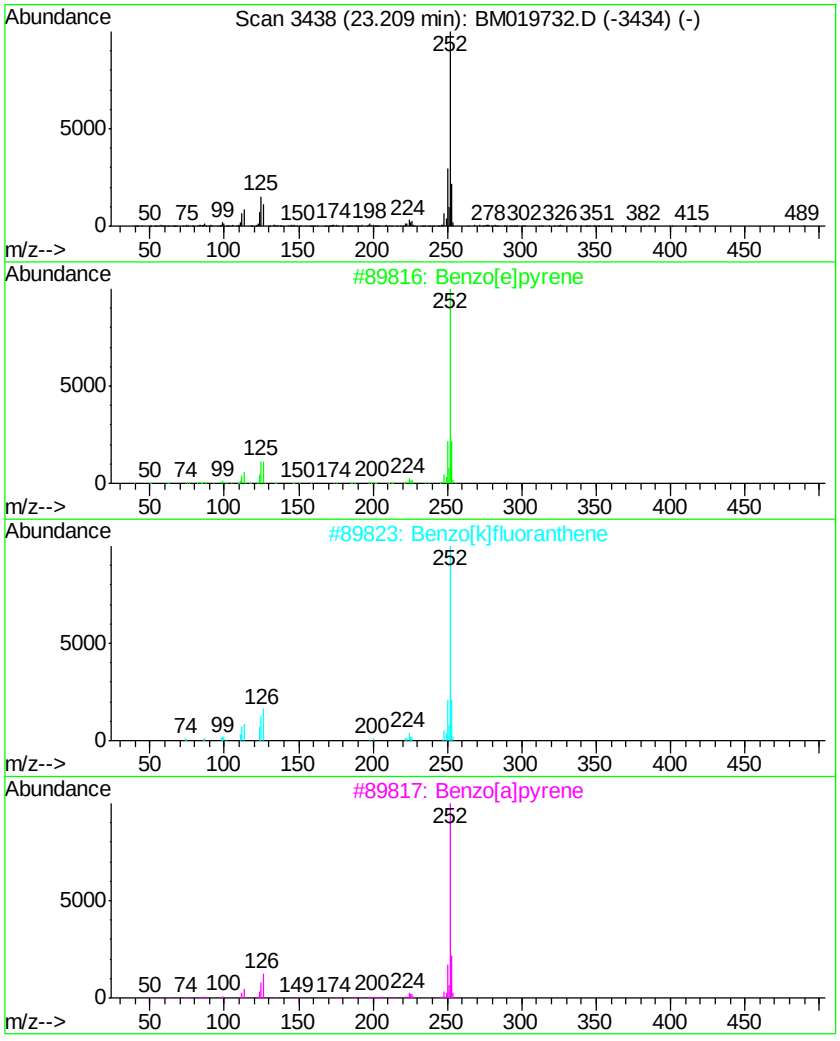
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

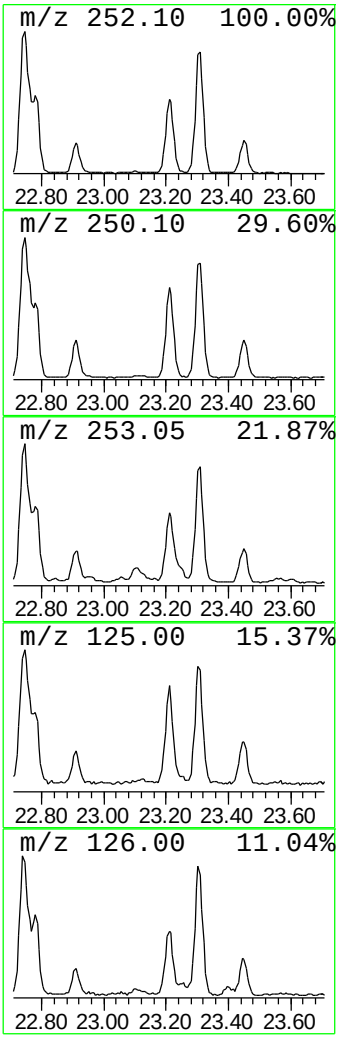
****

Peak Number 5 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.21	6.33 ng/ul	593070	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019732.D
Acq On : 03 Apr 2019 16:19
Operator : JU/SJ
Sample : K2148-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G3

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

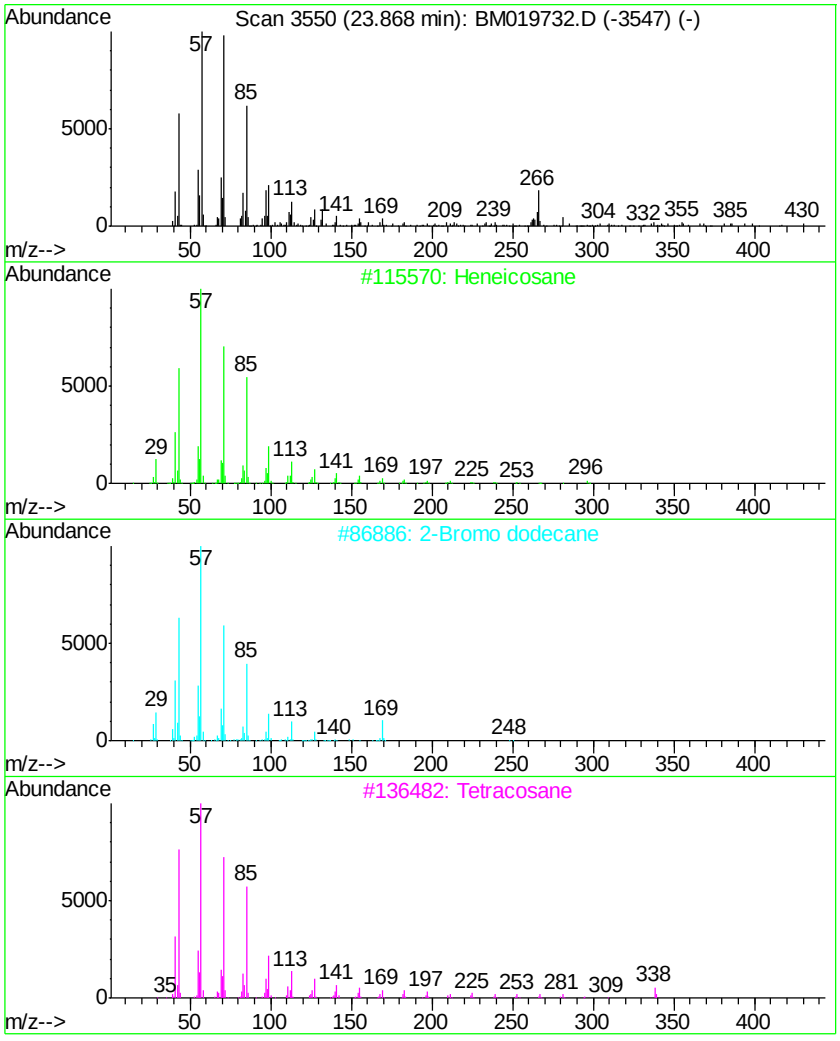
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

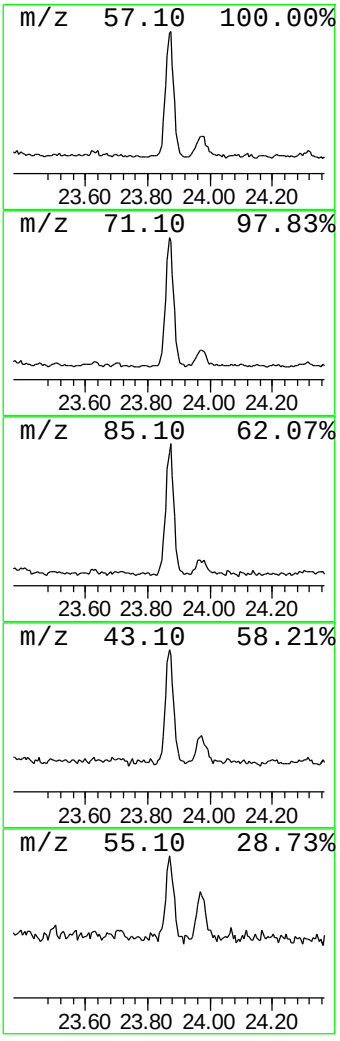
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.87	4.42 ng/ul	414835	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	76
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	76
3	Tetracosane	338	C24H50	000646-31-1	68
4	Octadecane	254	C18H38	000593-45-3	64
5	Triacontane	422	C30H62	000638-68-6	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019732.D
Acq On : 03 Apr 2019 16:19
Operator : JU/SJ
Sample : K2148-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G3

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
Dodecanoic acid	14.66	2.9	ng/ul	354772	3	14.23	2467990	20.0
n-Hexadecanoic acid	17.88	5.0	ng/ul	693547	4	16.99	2749760	20.0
11H-Benzo[b]fluorene	19.93	2.2	ng/ul	411641	5	21.20	3783740	20.0
(DEL) Alkane: Cyc...	20.90	4.8	ng/ul	911501	5	21.20	3783740	20.0
Benzo[e]pyrene	23.21	6.3	ng/ul	593070	6	23.40	1875130	20.0
(DEL) Alkane: Str...	23.87	4.4	ng/ul	414835	6	23.40	1875130	20.0