LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090420\
Data File : BM027338.D
Acq On : 04 Sep 2020 19:56
Operator : JU/CG
Sample : L3840-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB8

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-BM090420MA.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	3.134	22	25	30	rVB2	18563	24951	0.55%	0.056%
2	3.763	126	132	138	rVB	33394	57019	1.25%	0.129%
3	3.846	143	146	150	rVB4	6424	9078	0.20%	0.020%
4	4.740	293	298	304	rBV	28752	44660	0.98%	0.101%
5	6.757	634	641	651	rBV	317069	521334	11.42%	1.177%
6	6.916	661	668	677	rBV	275738	431168	9.44%	0.973%
7	7.110	695	701	712	rVB	353478	545349	11.94%	1.231%
8	7.204	713	717	727	rBV2	20351	39736	0.87%	0.090%
9	7.569	773	779	788	rVB	528489	829332	18.16%	1.872%
10	8.281	893	900	911	rBV	405310	661066	14.48%	1.492%
11	8.392	911	919	924	rVB	13626	23613	0.52%	0.053%
12	8.716	966	974	985	rBV	342493	572713	12.54%	1.293%
13	9.433	1086	1096	1107	rBV	299396	487559	10.68%	1.101%
14	9.969	1180	1187	1200	rBV	454334	741396	16.23%	1.674%
15	10.339	1242	1250	1261	rBV	721474	1170892	25.64%	2.643%
16	10.480	1267	1274	1287	rBV	376108	695528	15.23%	1.570%
17	11.945	1518	1523	1529	rBV5	5463	9963	0.22%	0.022%
18	12.574	1622	1630	1633	rBV6	4350	5619	0.12%	0.013%
19	12.827	1669	1673	1677	rBV3	4520	6368	0.14%	0.014%
20	13.127	1719	1724	1730	rBV3	13979	22044	0.48%	0.050%
21	13.627	1803	1809	1814	rBV	1004235	1402300	30.71%	3.166%
22	13.674	1814	1817	1826	rVB	440801	581484	12.73%	1.313%
23	13.904	1849	1856	1868	rBV	961011	1434526	31.41%	3.238%
24	14.210	1900	1908	1916	rBV	1225597	1825530	39.97%	4.121%
25	14.421	1938	1944	1962	rBV	280073	490501	10.74%	1.107%
26	14.645	1980	1982	1988	rVB7	3652	6747	0.15%	0.015%
27	15.021	2041	2046	2047	rBV4	4238	5908	0.13%	0.013%
28	15.039	2047	2049	2055	rVV6	4073	7433	0.16%	0.017%
29	15.210	2071	2078	2085	rBV	1393264	1891904	41.43%	4.271%
30	15.268	2085	2088	2092	rVV	13212	19460	0.43%	0.044%
31	15.333	2094	2099	2111	rVV	389139	544899	11.93%	1.230%
32	15.451	2115	2119	2125	rVB	18740	28138	0.62%	0.064%
33	15.998	2209	2212	2215	rVB5	5731	7173	0.16%	0.016%
34	16.274	2255	2259	2264	rBV6	6054	9048	0.20%	0.020%

LSC Area Percent Report

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Data File : BM027338.D
Acq On : 04 Sep 2020 19:56
Operator : JU/CG
Sample : L3840-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB8

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-BM090420MA.M
Title : SVOA CALIBRATION

35	16.639	2318	2321	2325	rVB5	3770	6586	0.14%	0.015%
36	16.745	2336	2339	2344	rBV2	7677	11198	0.25%	0.025%
37	16.956	2369	2375	2380	rBV	1690099	2373105	51.96%	5.357%
38	16.998	2380	2382	2386	rVV	98012	114610	2.51%	0.259%
39	17.056	2386	2392	2406	rVV2	1537639	2249017	49.25%	5.077%
40	17.156	2406	2409	2417	rVB6	9289	14694	0.32%	0.033%
41	17.268	2426	2428	2433	rVB5	6604	7864	0.17%	0.018%
42	17.368	2441	2445	2448	rBV2	8181	12227	0.27%	0.028%
43	17.486	2462	2465	2468	rVB3	6148	7135	0.16%	0.016%
44	17.656	2490	2494	2498	rBV6	7709	13900	0.30%	0.031%
45	17.839	2522	2525	2527	rBV4	3585	5406	0.12%	0.012%
46	17.880	2527	2532	2540	rVV	178813	269060	5.89%	0.607%
47	17.968	2542	2547	2553	rVB2	39219	69948	1.53%	0.158%
48	18.027	2554	2557	2561	rVV5	8889	14491	0.32%	0.033%
49	18.345	2606	2611	2615	rBV	29147	39372	0.86%	0.089%
50	18.568	2644	2649	2650	rBV5	7913	12992	0.28%	0.029%
51	18.592	2650	2653	2658	rVB6	22207	28583	0.63%	0.065%
52	18.680	2665	2668	2673	rVB7	11694	15942	0.35%	0.036%
53	18.756	2677	2681	2687	rVB3	28220	50212	1.10%	0.113%
54	18.821	2687	2692	2696	rBV6	23630	41592	0.91%	0.094%
55	18.921	2702	2709	2713	rBV10	15245	37982	0.83%	0.086%
56	19.021	2718	2726	2735	rVV	415323	577289	12.64%	1.303%
57	19.097	2736	2739	2742	rBV3	15019	17821	0.39%	0.040%
58	19.127	2742	2744	2747	rBV3	10884	12331	0.27%	0.028%
59	19.168	2748	2751	2756	rBV3	57389	73361	1.61%	0.166%
60	19.356	2778	2783	2797	rVV2	2350212	3839052	84.06%	8.666%
61	19.462	2798	2801	2809	rVB2	41810	73836	1.62%	0.167%
62	19.574	2815	2820	2822	rBV	102104	131193	2.87%	0.296%
63	19.603	2822	2825	2829	rVB	65810	85601	1.87%	0.193%
64	19.721	2840	2845	2853	rBV5	62669	149309	3.27%	0.337%
65	19.850	2864	2867	2870	rBV3	59671	99214	2.17%	0.224%
66	19.892	2870	2874	2880	rVB	367092	468012	10.25%	1.057%
67	19.992	2886	2891	2895	rBV	428505	554255	12.14%	1.251%
68	20.044	2895	2900	2905	rVV2	122803	201121	4.40%	0.454%
69	20.186	2921	2924	2928	rBV3	56271	69014	1.51%	0.156%
70	20.233	2928	2932	2936	rBV2	64675	99969	2.19%	0.226%
71	20.421	2961	2964	2966	rBV2	38142	44433	0.97%	0.100%

LSC Area Percent Report

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Operator : JU/CG
Sample : L3840-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB8

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-BM090420MA.M
Title : SVOA CALIBRATION

72	20.603	2992	2995	3000	rBV2	49834	85067	1.86%	0.192%
73	20.803	3026	3029	3033	rBV	137116	162243	3.55%	0.366%
74	20.844	3033	3036	3039	rVV	114940	128657	2.82%	0.290%
75	20.897	3039	3045	3055	rVV3	450093	709490	15.54%	1.602%
76	21.156	3082	3089	3093	rBV2	2883112	4566854	100.00%	10.309%
77	21.197	3093	3096	3103	rVB	1119780	1342808	29.40%	3.031%
78	21.315	3112	3116	3119	rBV	130983	170982	3.74%	0.386%
79	21.462	3138	3141	3148	rBV4	62555	101768	2.23%	0.230%
80	22.685	3344	3349	3362	rVB	661104	1914160	41.91%	4.321%
81	23.144	3423	3427	3430	rBV	280132	443236	9.71%	1.001%
82	23.191	3430	3435	3440	rVV	1891640	3282259	71.87%	7.409%
83	23.238	3440	3443	3451	rVB2	447284	912127	19.97%	2.059%
84	23.333	3452	3459	3465	rBV	1904607	3432370	75.16%	7.748%

Sum of corrected areas: 44298187

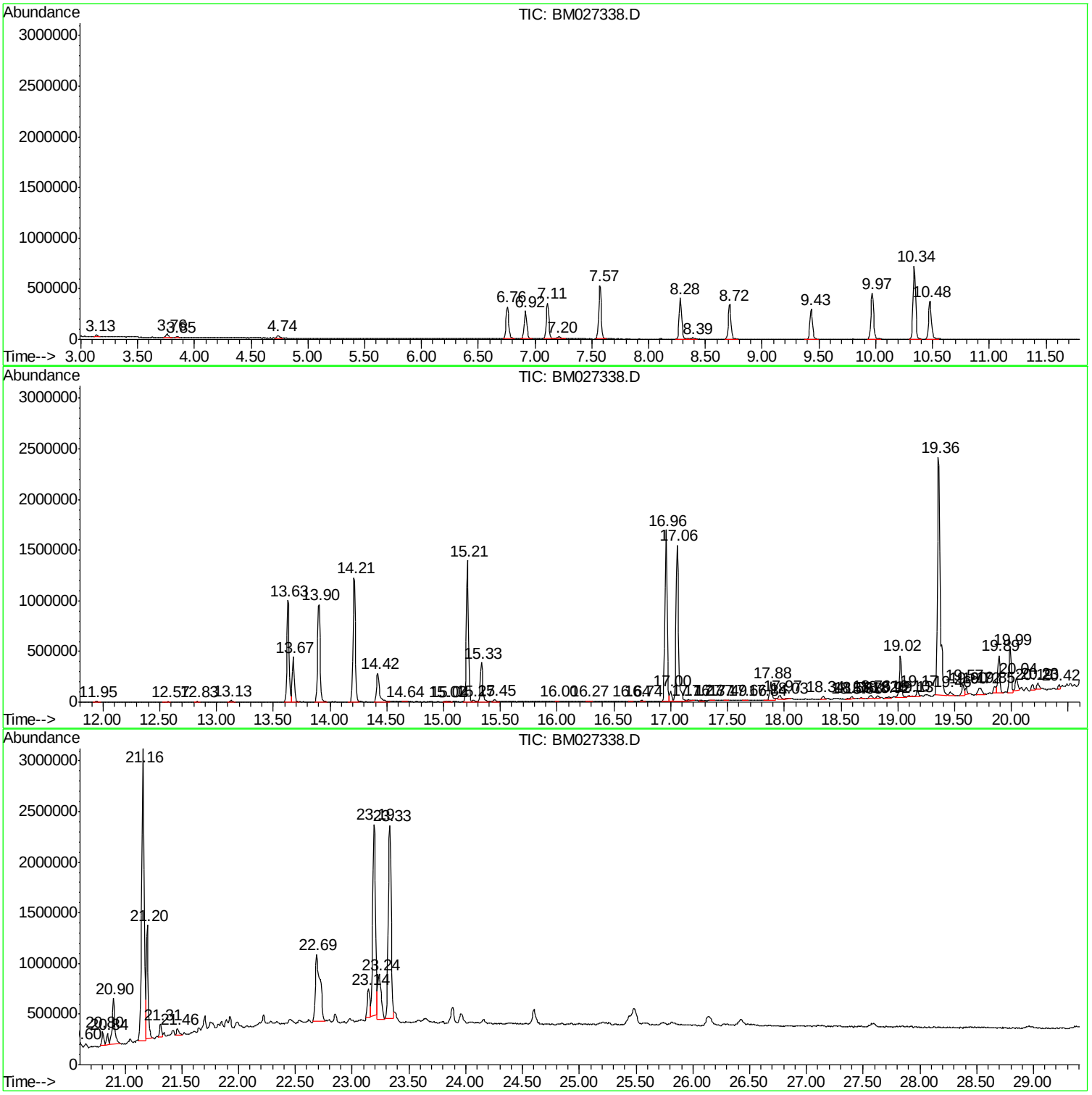
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090420\
Data File : BM027338.D
Acq On : 04 Sep 2020 19:56
Operator : JU/CG
Sample : L3840-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.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\BM090420\
Data File : BM027338.D
Acq On : 04 Sep 2020 19:56
Operator : JU/CG
Sample : L3840-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

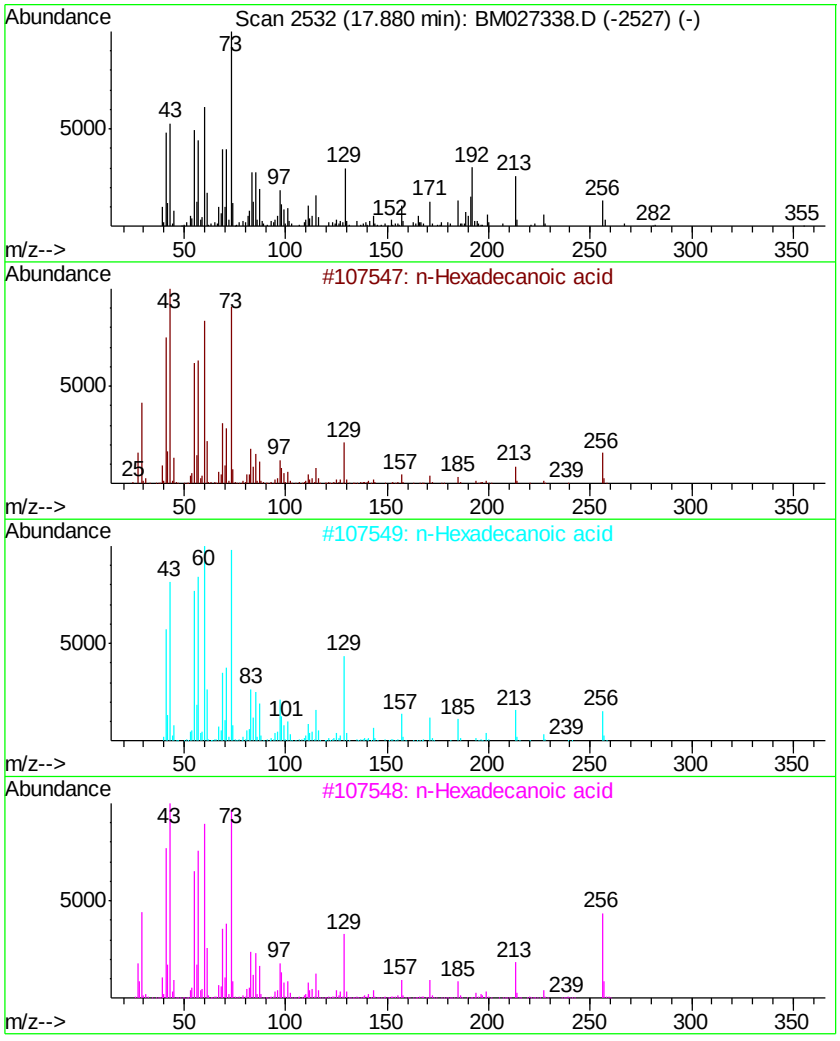
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

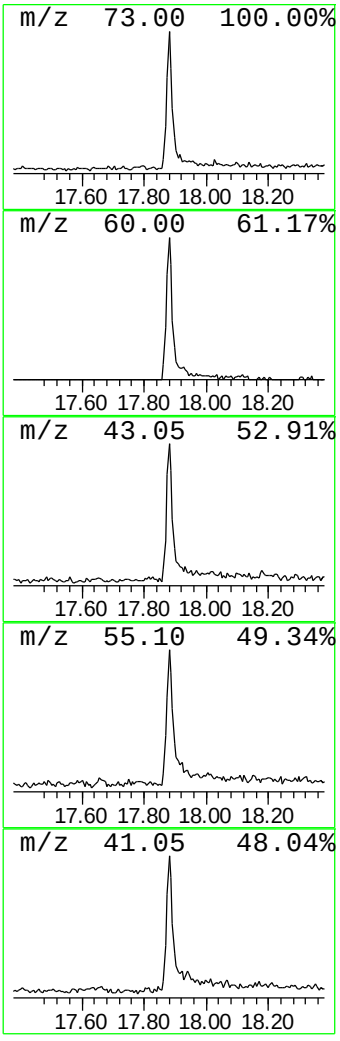
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	2.27 ng/ul	269060	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	49
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090420\
Data File : BM027338.D
Acq On : 04 Sep 2020 19:56
Operator : JU/CG
Sample : L3840-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

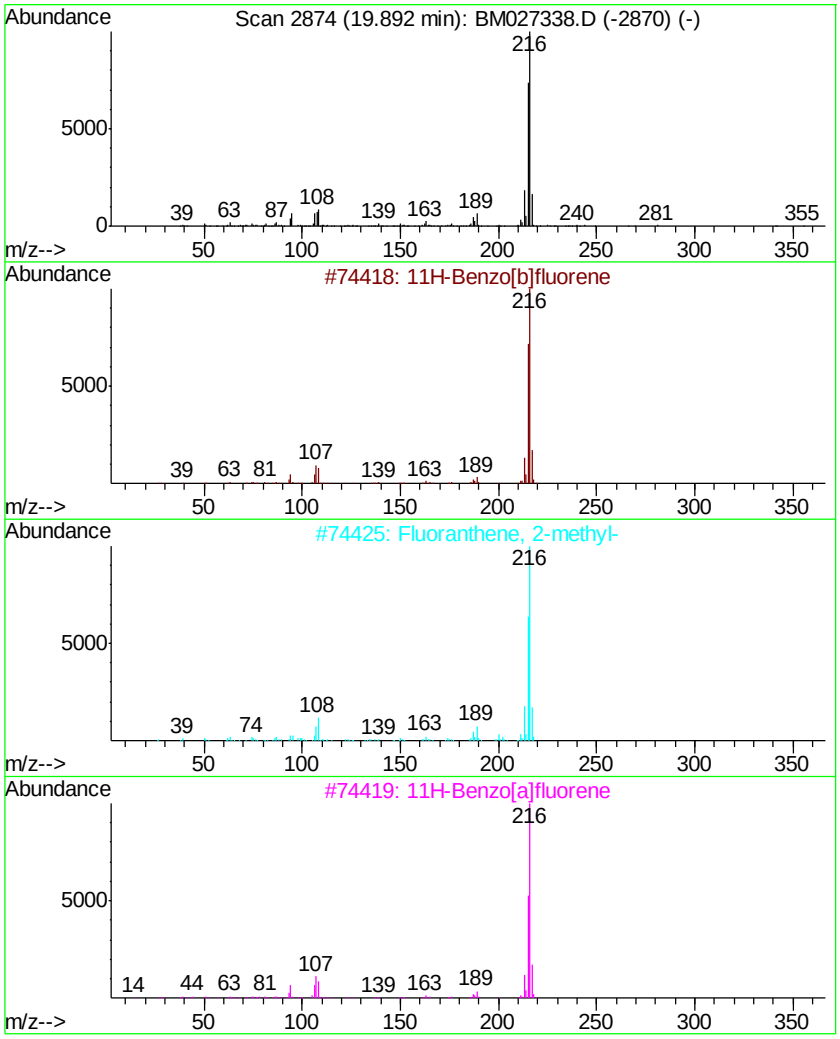
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

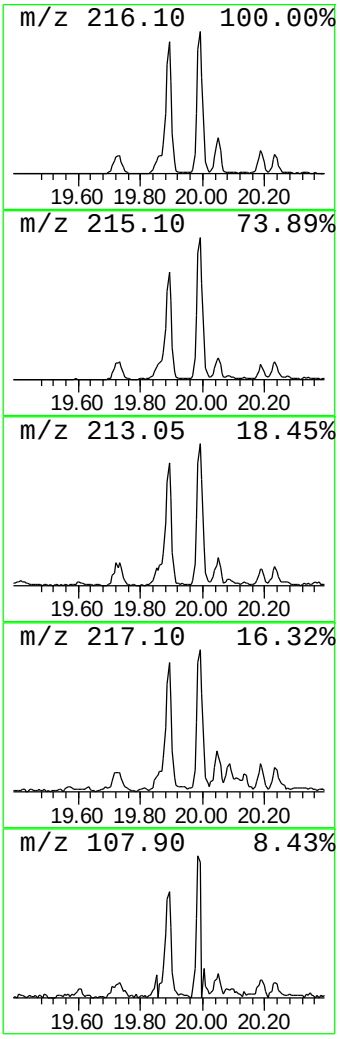
****

Peak Number 2 11H-Benzo[b]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	2.05 ng/ul	468012	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090420\
Data File : BM027338.D
Acq On : 04 Sep 2020 19:56
Operator : JU/CG
Sample : L3840-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

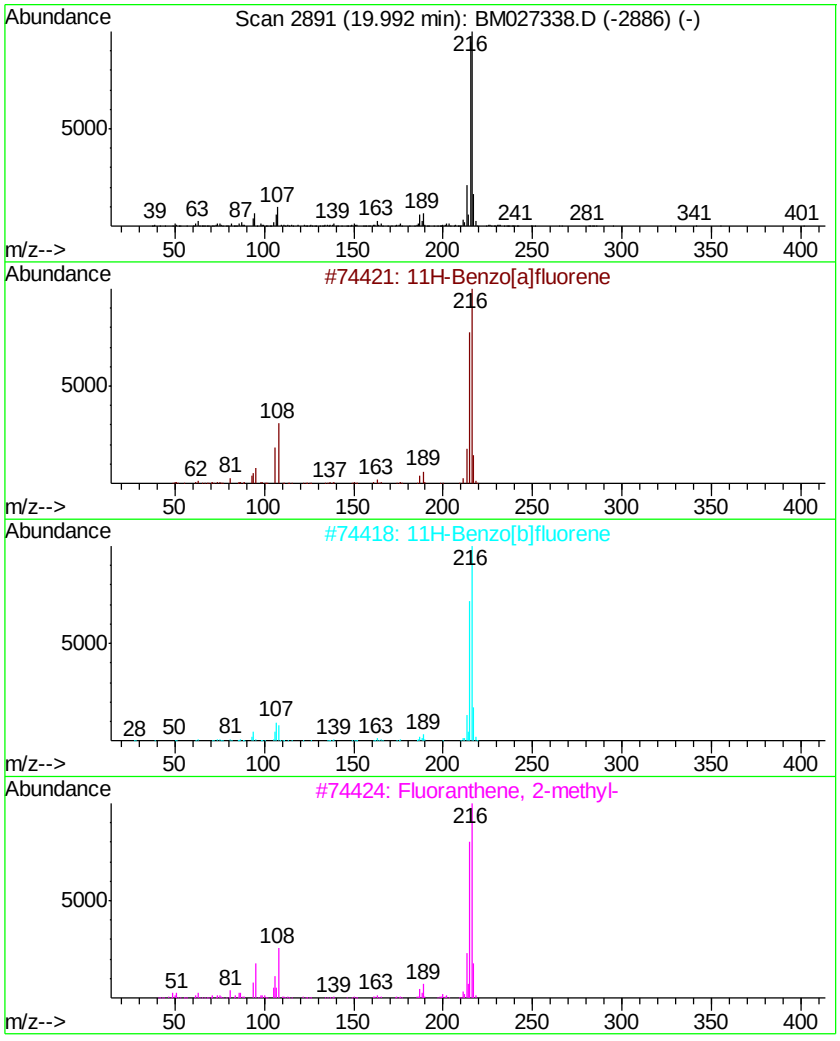
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

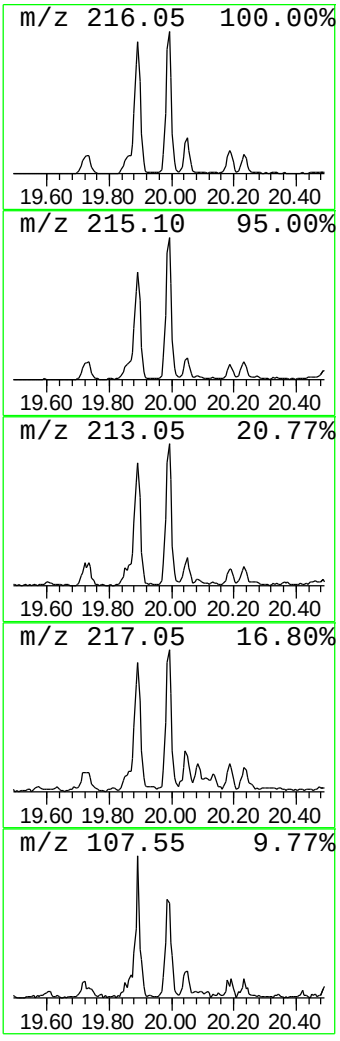
****

Peak Number 3 11H-Benzo[a]fluorene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.99	2.43 ng/ul	554255	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

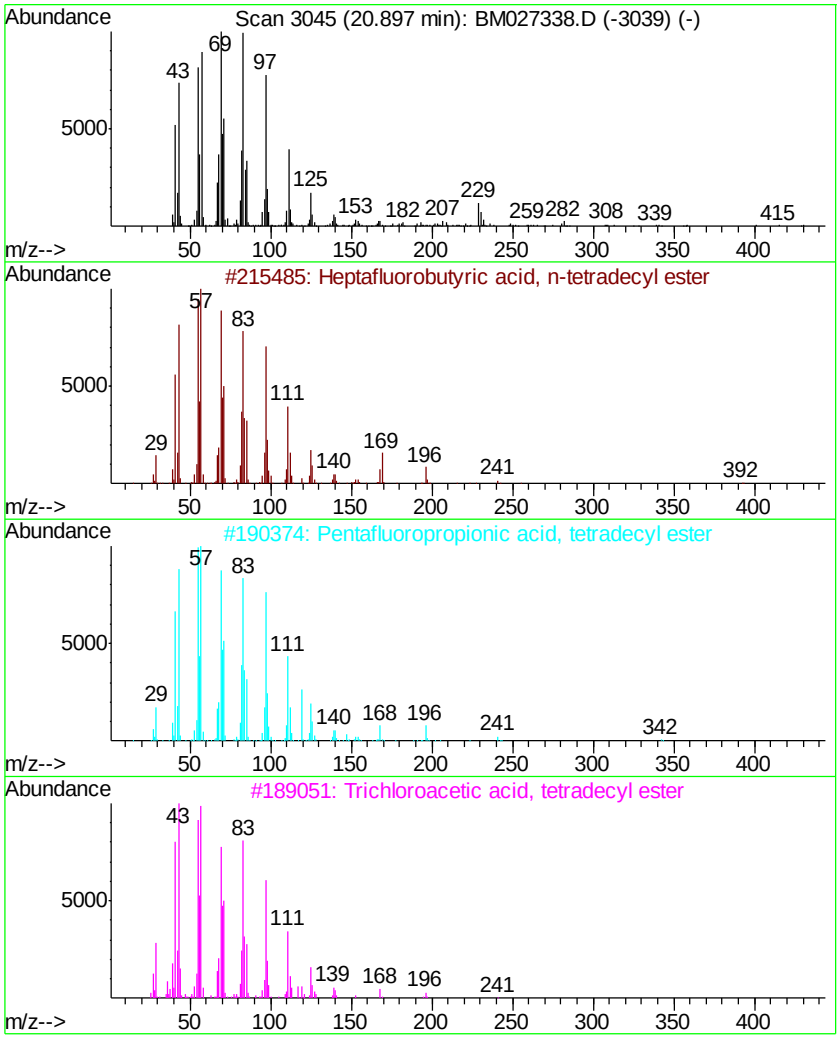
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

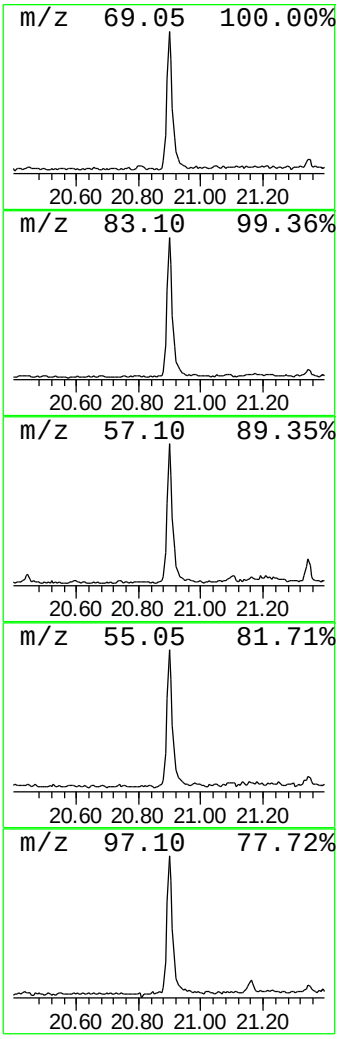
****

Peak Number 4 Heptafluorobutyric acid, n-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	3.11 ng/ul	709490	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
2	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	91
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	90
5	3-Octadecene, (E)-	252	C18H36	007206-19-1	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM090420\
Data File : BM027338.D
Acq On : 04 Sep 2020 19:56
Operator : JU/CG
Sample : L3840-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.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
n-Hexadecanoic acid	17.88	2.3	ng/ul	269060	4	16.96	2373110	20.0
11H-Benzo[b]fluorene	19.89	2.0	ng/ul	468012	5	21.16	4566850	20.0
11H-Benzo[a]fluorene	19.99	2.4	ng/ul	554255	5	21.16	4566850	20.0
Heptafluorobutyri...	20.90	3.1	ng/ul	709490	5	21.16	4566850	20.0