LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120522\
Data File : BM037842.D
Acq On : 05 Dec 2022 13:50
Operator : CG/JU
Sample : N5738-14DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GBNJ3DL

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\SFAM-EPA-BM120122.M
Title : SVOA CALIBRATION

Signal : TIC: BM037842.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.916	86	90	92	rBV5	10549	17498	0.29%	0.042%
2	3.969	97	99	105	rVB6	9690	12598	0.21%	0.031%
3	4.057	111	114	118	rBV4	4960	6957	0.12%	0.017%
4	4.104	120	122	125	rVB4	8072	7284	0.12%	0.018%
5	4.199	135	138	144	rVB	23162	31904	0.54%	0.077%
6	5.157	298	301	308	rVB2	23374	36163	0.61%	0.088%
7	6.598	544	546	552	rVB7	4771	6770	0.11%	0.016%
8	7.057	620	624	629	rBV8	6830	14139	0.24%	0.034%
9	7.245	648	656	665	rVB	88953	154152	2.60%	0.373%
10	7.410	676	684	690	rBV	75038	123244	2.08%	0.298%
11	7.616	712	719	725	rBV2	83232	134853	2.27%	0.327%
12	8.092	793	800	807	rBV	1101493	1699328	28.63%	4.115%
13	8.798	913	920	929	rVB	102988	164634	2.77%	0.399%
14	8.922	936	941	947	rVB2	14932	24148	0.41%	0.058%
15	9.263	993	999	1006	rVV	83005	142889	2.41%	0.346%
16	9.986	1116	1122	1129	rBV	57884	104484	1.76%	0.253%
17	10.045	1129	1132	1136	rVB5	4069	7767	0.13%	0.019%
18	10.216	1157	1161	1163	rVB5	5016	6630	0.11%	0.016%
19	10.528	1207	1214	1222	rBV	91062	158032	2.66%	0.383%
20	10.916	1271	1280	1288	rBV	1483115	2508474	42.26%	6.074%
21	11.051	1299	1303	1311	rVB3	15130	28121	0.47%	0.068%
22	11.686	1407	1411	1415	rBV7	6346	11030	0.19%	0.027%
23	12.098	1475	1481	1482	rBV6	5450	7239	0.12%	0.018%
24	12.310	1511	1517	1520	rBV8	6547	8239	0.14%	0.020%
25	13.486	1713	1717	1719	rBV4	6567	9786	0.16%	0.024%
26	13.610	1732	1738	1743	rBV3	19880	39768	0.67%	0.096%
27	13.733	1755	1759	1763	rBV7	12369	18248	0.31%	0.044%
28	13.874	1778	1783	1786	rBV7	10234	20272	0.34%	0.049%
29	13.910	1786	1789	1794	rVB7	14188	22412	0.38%	0.054%
30	13.998	1797	1804	1808	rBV4	119446	184415	3.11%	0.447%
31	14.039	1808	1811	1820	rVV8	30676	54294	0.91%	0.131%
32	14.127	1820	1826	1840	rVV	156789	258665	4.36%	0.626%
33	14.245	1840	1846	1851	rVV7	31969	49879	0.84%	0.121%
34	14.416	1869	1875	1879	rBV	206827	341549	5.75%	0.827%
35	14.545	1891	1897	1903	rBV6	37524	104392	1.76%	0.253%
36	14.604	1903	1907	1913	rVB5	67534	109784	1.85%	0.266%

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Instrument :
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ClientSampleId :
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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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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
Title : SVOA CALIBRATION

37	14.721	1920	1927	1935	rBV	2110912	3051297	51.41%	7.388%
38	14.780	1935	1937	1944	rVB8	25398	32800	0.55%	0.079%
39	14.910	1954	1959	1963	rBV2	31741	52074	0.88%	0.126%
40	14.963	1965	1968	1974	rVB3	24398	32209	0.54%	0.078%
41	15.115	1990	1994	1999	rVB4	20741	30885	0.52%	0.075%
42	15.198	2005	2008	2013	rVB7	10371	13919	0.23%	0.034%
43	15.257	2014	2018	2022	rBV5	19153	30388	0.51%	0.074%
44	15.298	2023	2025	2028	rVV4	13127	18775	0.32%	0.045%
45	15.333	2029	2031	2036	rVB4	20737	29579	0.50%	0.072%
46	15.533	2061	2065	2070	rVB4	14734	27345	0.46%	0.066%
47	15.704	2089	2094	2107	rBV	255900	447883	7.55%	1.084%
48	15.815	2109	2113	2119	rVB4	50273	86422	1.46%	0.209%
49	15.951	2133	2136	2139	rVB4	12584	15834	0.27%	0.038%
50	15.998	2139	2144	2149	rVB2	72829	102916	1.73%	0.249%
51	16.051	2151	2153	2158	rVB5	11174	16392	0.28%	0.040%
52	16.427	2210	2217	2223	rVB3	58225	108472	1.83%	0.263%
53	16.821	2280	2284	2290	rVB4	54740	76599	1.29%	0.185%
54	17.109	2327	2333	2343	rBV	4244229	5935489	100.00%	14.372%
55	17.251	2354	2357	2359	rVB	34039	37032	0.62%	0.090%
56	17.457	2386	2392	2396	rBV	2289075	3331434	56.13%	8.066%
57	17.504	2396	2400	2405	rVV	1136849	1581789	26.65%	3.830%
58	17.556	2405	2409	2413	rVV2	259513	357736	6.03%	0.866%
59	17.856	2456	2460	2466	rVB	209750	304196	5.13%	0.737%
60	18.333	2537	2541	2545	rBV2	332301	465213	7.84%	1.126%
61	18.380	2546	2549	2554	rVB	170004	228415	3.85%	0.553%
62	18.521	2570	2573	2578	rBV2	72225	111918	1.89%	0.271%
63	18.627	2588	2591	2596	rBV2	74222	120323	2.03%	0.291%
64	18.827	2622	2625	2628	rBV2	113609	135143	2.28%	0.327%
65	18.868	2628	2632	2639	rVB	678026	869025	14.64%	2.104%
66	19.245	2693	2696	2701	rVB4	150160	202948	3.42%	0.491%
67	19.386	2716	2720	2726	rBV	213947	328770	5.54%	0.796%
68	19.503	2735	2740	2746	rVB	2581454	3418642	57.60%	8.278%
69	19.603	2754	2757	2761	rVB3	148369	182683	3.08%	0.442%
70	19.833	2792	2796	2798	rBV3	488262	665715	11.22%	1.612%
71	19.868	2798	2802	2809	rVB	1896385	2543346	42.85%	6.158%
72	20.703	2941	2944	2948	rBV	329707	395261	6.66%	0.957%
73	20.750	2949	2952	2955	rVV2	149076	174357	2.94%	0.422%
74	20.809	2960	2962	2966	rVB3	147629	156511	2.64%	0.379%
75	21.103	3008	3012	3017	rBV	332487	405694	6.84%	0.982%
76	21.397	3059	3062	3067	rVB	298393	344503	5.80%	0.834%

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ClientSampleId :
GBNJ3DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Title : SVOA CALIBRATION

77	21.627	3095	3101	3105	rBV2	2349289	3534134	59.54%	8.557%
78	21.662	3105	3107	3118	rVB	794100	1063094	17.91%	2.574%
79	23.350	3390	3394	3400	rBV	418412	775617	13.07%	1.878%
80	24.109	3518	3523	3532	rVB2	1395185	2826867	47.63%	6.845%

Sum of corrected areas: 41299685

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Instrument :
BNA_M
ClientSampleId :
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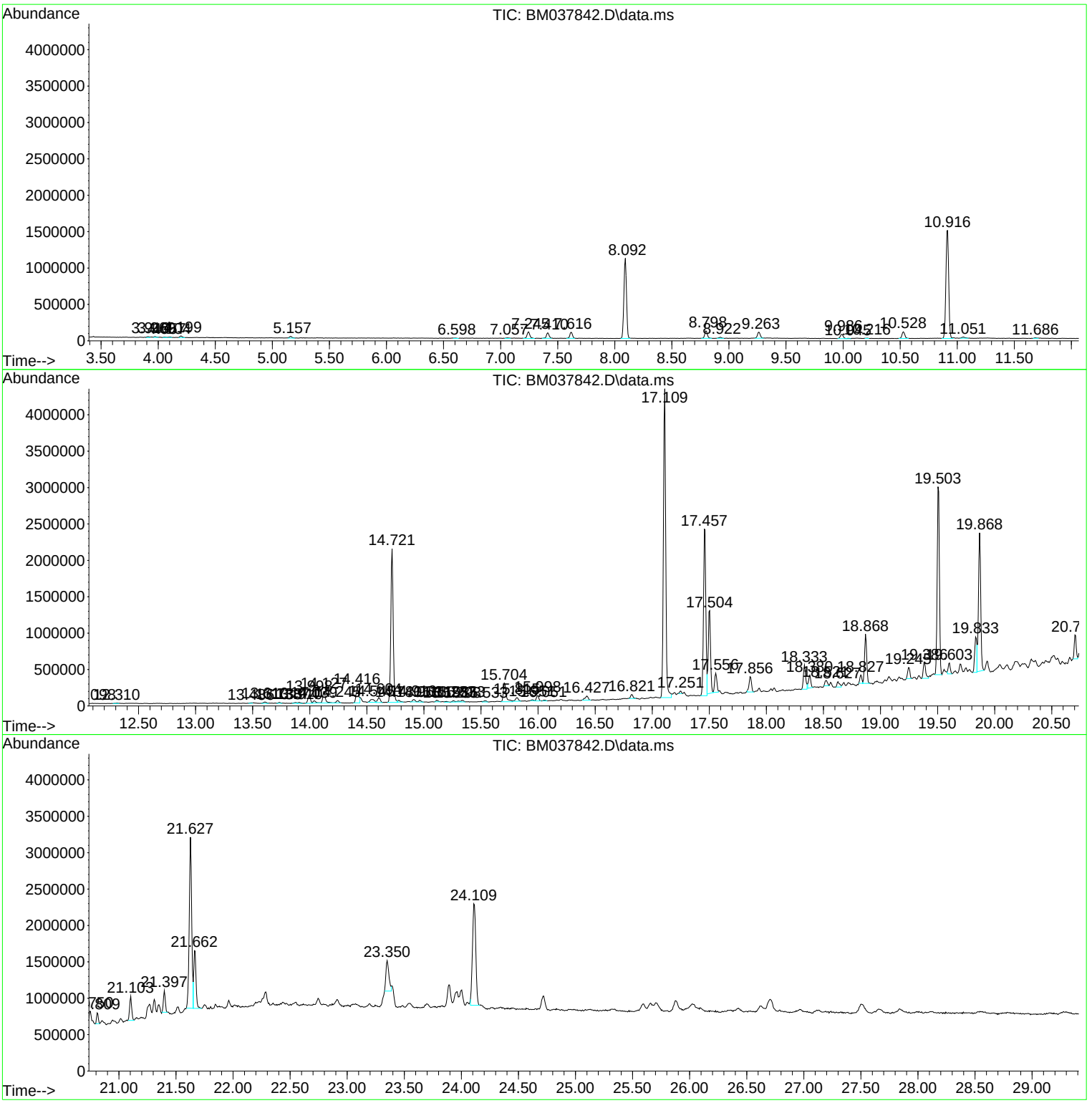
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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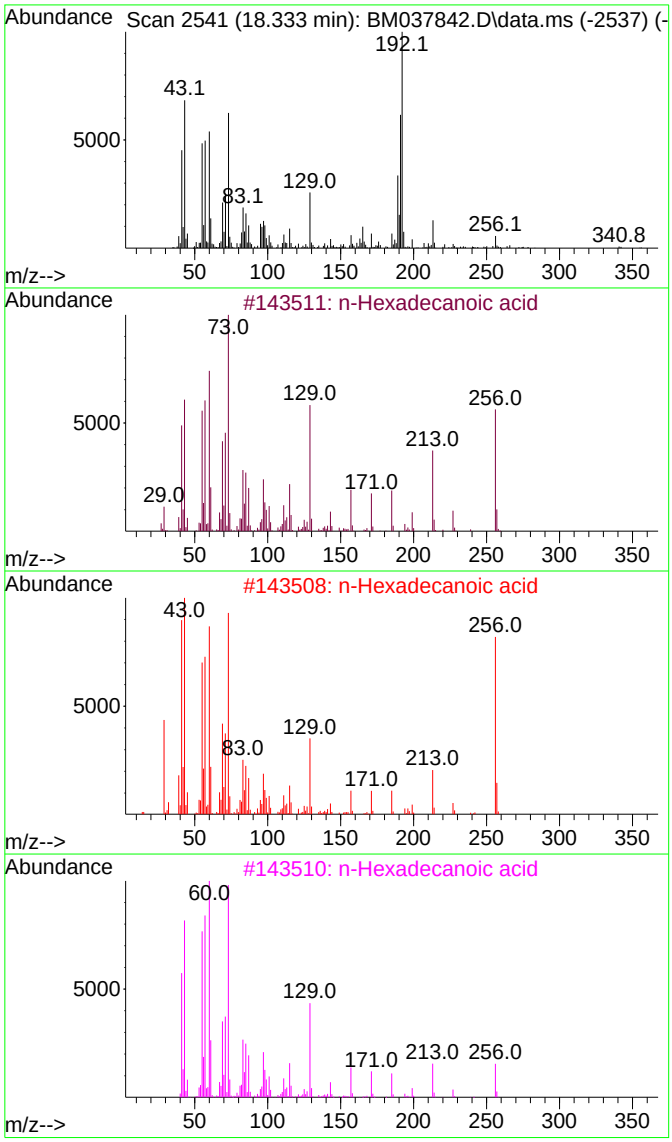
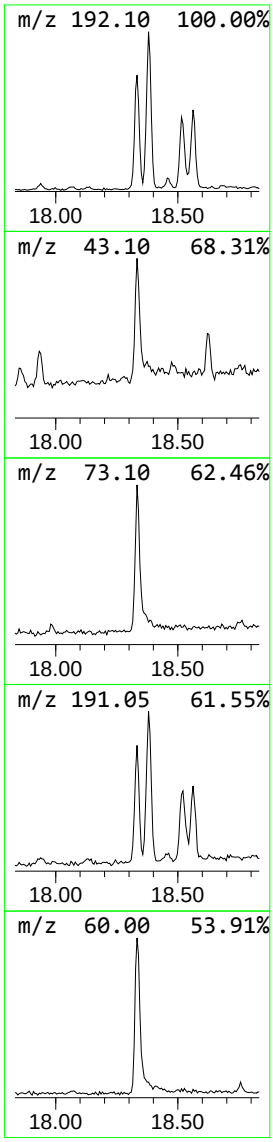
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.333	2.79 ng/ul	465213	Phenanthrene-d10	17.462

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	91
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	70





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Instrument :
BNA_M
ClientSampleId :
GBNJ3DL

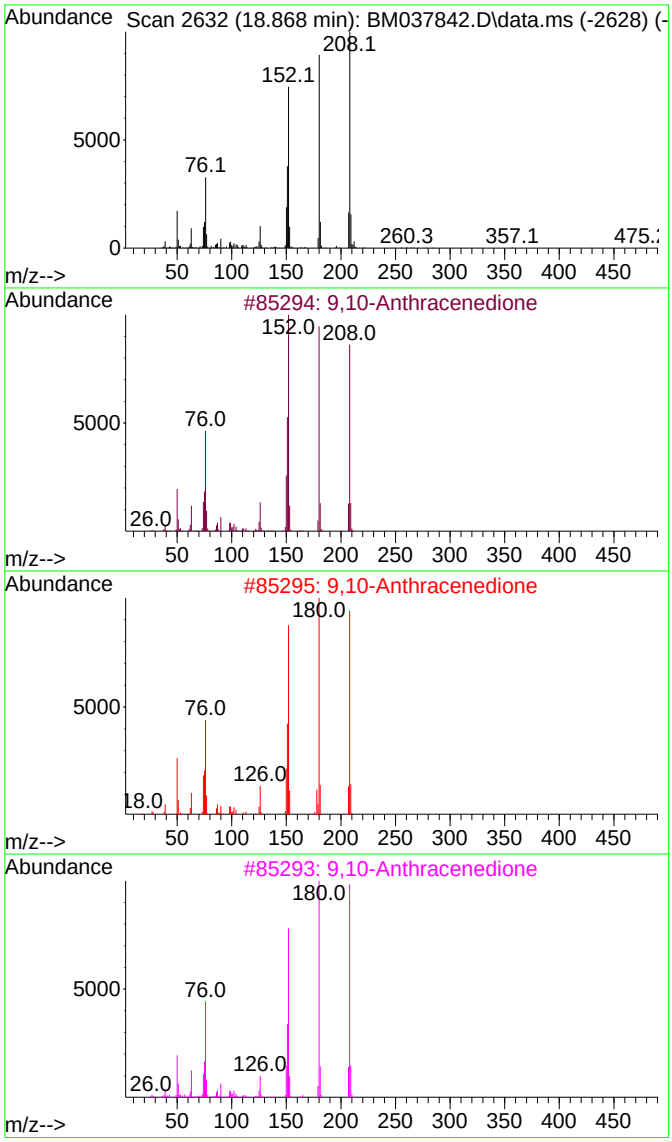
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
Quant Title : SVOA CALIBRATION

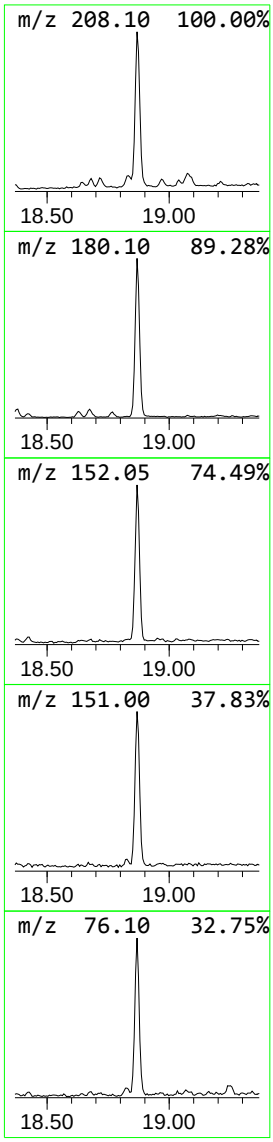
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 9,10-Anthracenedione Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.868	5.22 ng/ul	869025	Phenanthrene-d10	17.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	92





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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GBNJ3DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
Quant Title : SVOA CALIBRATION

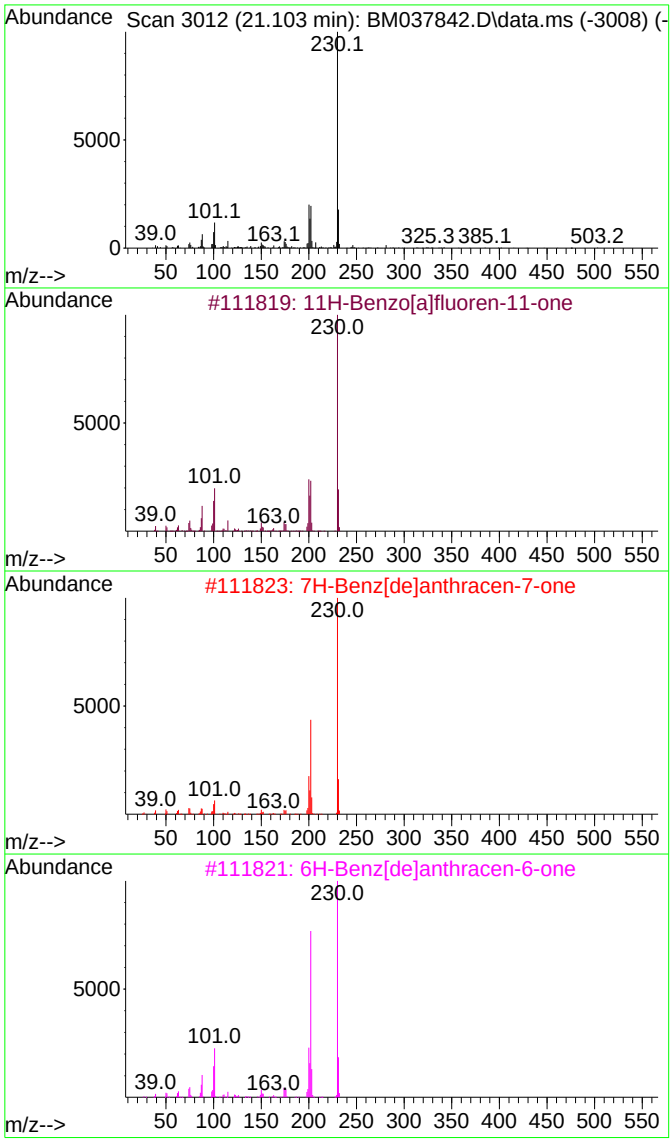
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

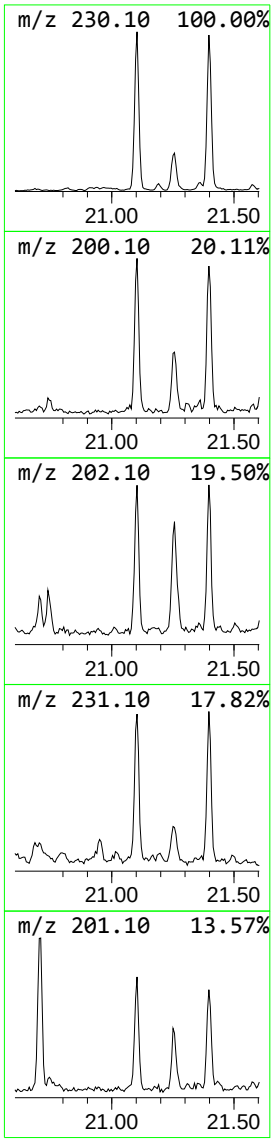
****

Peak Number 3 11H-Benzo[a]fluoren-11-one Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.103	2.30 ng/ul	405694	Chrysene-d12	21.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	95
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	93
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.333	2.8	ng/ul	465213	4	17.462	3331430	20.0
9,10-Anthracene...	18.868	5.2	ng/ul	869025	4	17.462	3331430	20.0
11H-Benzo[a]flu...	21.103	2.3	ng/ul	405694	5	21.627	3534130	20.0