LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081821\
Data File : BM031819.D
Acq On : 18 Aug 2021 23:22
Operator : CG/JU
Sample : M3421-04 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 72-11966

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BM081621.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM031819.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.175	349	355	361	rBV	214601	312181	34.70%	3.032%
2	5.228	361	364	371	rVB3	7779	14531	1.62%	0.141%
3	5.587	418	425	433	rBV5	9636	19461	2.16%	0.189%
4	6.728	610	619	633	rBV	221739	365336	40.61%	3.548%
5	7.198	694	699	709	rVB4	7833	16978	1.89%	0.165%
6	7.539	750	757	764	rBV	281673	428281	47.61%	4.159%
7	7.898	811	818	826	rBV5	6042	10981	1.22%	0.107%
8	8.069	841	847	852	rBV3	5409	10610	1.18%	0.103%
9	8.686	946	952	960	rBV	139603	231544	25.74%	2.249%
10	10.110	1189	1194	1209	rBV2	13899	33642	3.74%	0.327%
11	10.298	1219	1226	1231	rBV	378452	616249	68.50%	5.985%
12	10.345	1231	1234	1243	rVB	72684	115500	12.84%	1.122%
13	11.969	1503	1510	1519	rBV	51197	81603	9.07%	0.792%
14	12.192	1539	1548	1555	rVB	22903	39734	4.42%	0.386%
15	12.786	1643	1649	1657	rBV	365344	501316	55.72%	4.869%
16	13.004	1680	1686	1690	rBV2	8326	11443	1.27%	0.111%
17	13.333	1737	1742	1743	rBV2	8991	10500	1.17%	0.102%
18	13.351	1743	1745	1749	rVB3	9043	10659	1.18%	0.104%
19	13.492	1763	1769	1774	rBV3	11905	21238	2.36%	0.206%
20	13.545	1774	1778	1782	rBV2	8981	13424	1.49%	0.130%
21	13.627	1789	1792	1798	rVB2	9831	15055	1.67%	0.146%
22	13.892	1831	1837	1846	rBV	39751	64840	7.21%	0.630%
23	14.174	1879	1885	1892	rBV	556602	794892	88.36%	7.720%
24	14.239	1892	1896	1899	rBV3	10005	13531	1.50%	0.131%
25	14.580	1945	1954	1959	rBV2	13821	22752	2.53%	0.221%
26	14.792	1984	1990	1995	rBV5	7597	14962	1.66%	0.145%
27	15.051	2029	2034	2043	rVB2	10260	15153	1.68%	0.147%
28	15.233	2060	2065	2072	rVV2	20323	34067	3.79%	0.331%
29	15.674	2132	2140	2148	rBV	256739	364056	40.47%	3.536%
30	15.915	2178	2181	2190	rVB6	10393	16537	1.84%	0.161%
31	16.239	2228	2236	2241	rBV5	8628	20933	2.33%	0.203%
32	16.286	2241	2244	2251	rVB4	6433	9243	1.03%	0.090%
33	16.592	2292	2296	2300	rBV3	8114	11285	1.25%	0.110%
34	16.751	2319	2323	2327	rVB2	12033	18140	2.02%	0.176%
35	16.927	2346	2353	2358	rBV	629846	891625	99.11%	8.659%
36	16.968	2358	2360	2367	rVV	115424	156448	17.39%	1.519%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.062	2368	2376	2383	rVV	47551	72688	8.08%	0.706%
38	17.127	2383	2387	2392	rVV4	10121	16724	1.86%	0.162%
39	17.345	2419	2424	2428	rBV	21982	28240	3.14%	0.274%
40	17.509	2448	2452	2457	rVB2	7363	10938	1.22%	0.106%
41	17.803	2496	2502	2505	rBV2	25140	39834	4.43%	0.387%
42	17.845	2505	2509	2517	rVV2	70782	121983	13.56%	1.185%
43	17.933	2519	2524	2530	rVV2	19052	30782	3.42%	0.299%
44	17.998	2530	2535	2539	rVV4	43239	80683	8.97%	0.784%
45	18.033	2539	2541	2547	rVB2	24083	34744	3.86%	0.337%
46	18.203	2566	2570	2575	rBV6	12191	15597	1.73%	0.151%
47	18.309	2585	2588	2593	rVV	16954	24128	2.68%	0.234%
48	18.362	2593	2597	2602	rVB7	13677	19525	2.17%	0.190%
49	18.527	2622	2625	2628	rBV5	8644	13081	1.45%	0.127%
50	18.650	2642	2646	2650	rVB7	10036	14860	1.65%	0.144%
51	18.727	2654	2659	2665	rBV2	33110	61747	6.86%	0.600%
52	18.792	2665	2670	2673	rVV6	16884	31335	3.48%	0.304%
53	18.827	2673	2676	2679	rVB5	11904	14259	1.58%	0.138%
54	18.874	2679	2684	2690	rBV4	39726	77843	8.65%	0.756%
55	18.992	2699	2704	2710	rBV	207346	295270	32.82%	2.868%
56	19.139	2725	2729	2734	rVV3	32299	61442	6.83%	0.597%
57	19.356	2758	2766	2776	rBV	244484	395478	43.96%	3.841%
58	19.445	2776	2781	2786	rVB4	17824	30690	3.41%	0.298%
59	19.574	2798	2803	2814	rVB	508398	653822	72.68%	6.350%
60	19.686	2819	2822	2829	rVV4	25551	54674	6.08%	0.531%
61	19.962	2866	2869	2872	rVB2	32685	35522	3.95%	0.345%
62	20.021	2874	2879	2883	rVV2	48618	70599	7.85%	0.686%
63	20.156	2899	2902	2906	rBV	57115	64048	7.12%	0.622%
64	20.203	2906	2910	2915	rBV	45080	54840	6.10%	0.533%
65	20.609	2977	2979	2986	rVB2	36378	54010	6.00%	0.525%
66	21.062	3053	3056	3060	rVB	141606	137071	15.24%	1.331%
67	21.127	3061	3067	3071	rBV2	579874	899649	100.00%	8.737%
68	21.162	3071	3073	3077	rVB	102959	121123	13.46%	1.176%
69	22.638	3320	3324	3329	rBV	151251	294253	32.71%	2.858%
70	23.091	3398	3401	3409	rVB	105591	174180	19.36%	1.692%
71	23.185	3412	3417	3423	rVB	165484	281636	31.31%	2.735%
72	23.274	3427	3432	3438	rBV2	330667	581020	64.58%	5.643%

Sum of corrected areas: 10297048

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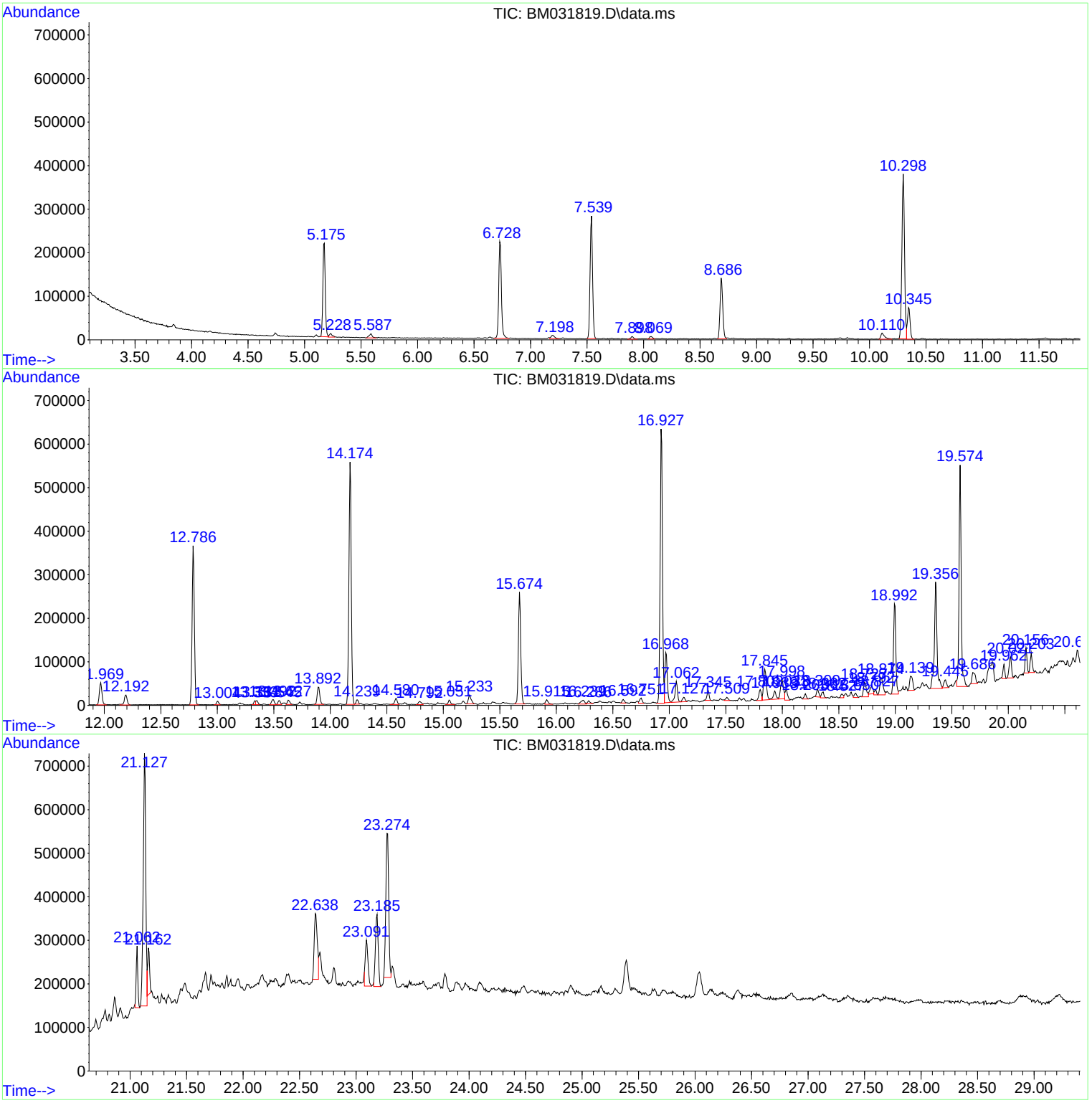
BNA_M
ClientSampleId :
72-11966

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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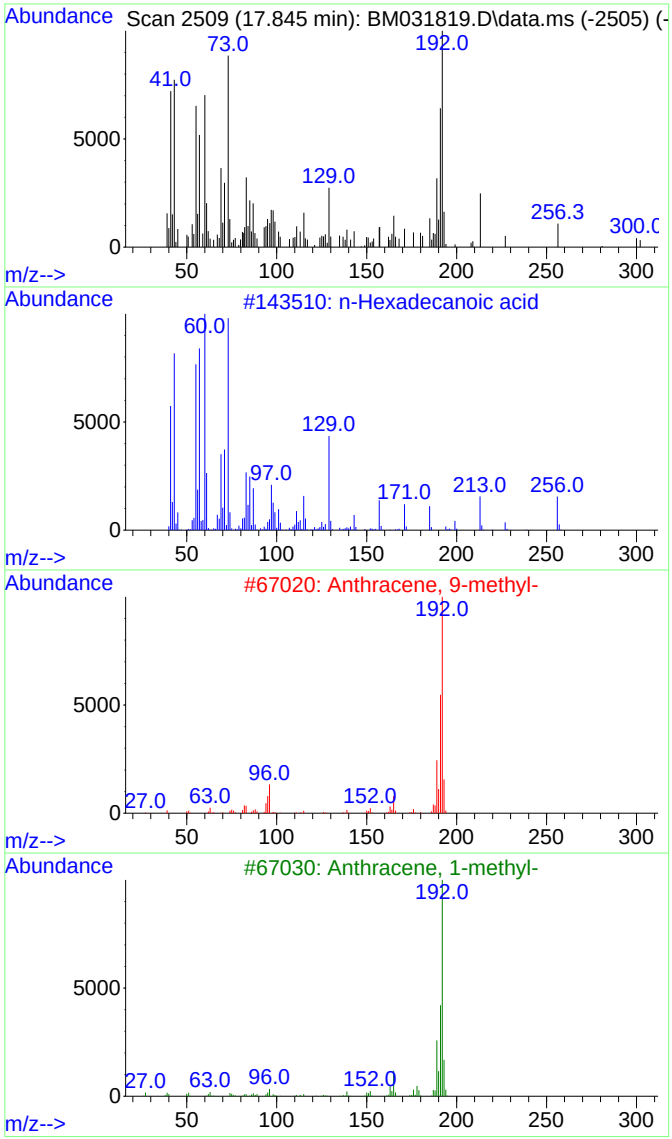
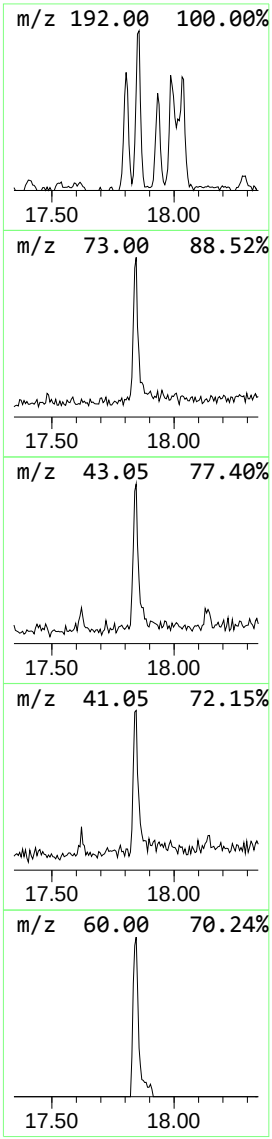
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.845	2.74 ng	121983	Phenanthrene-d10	16.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	80
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42





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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 72-11966

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

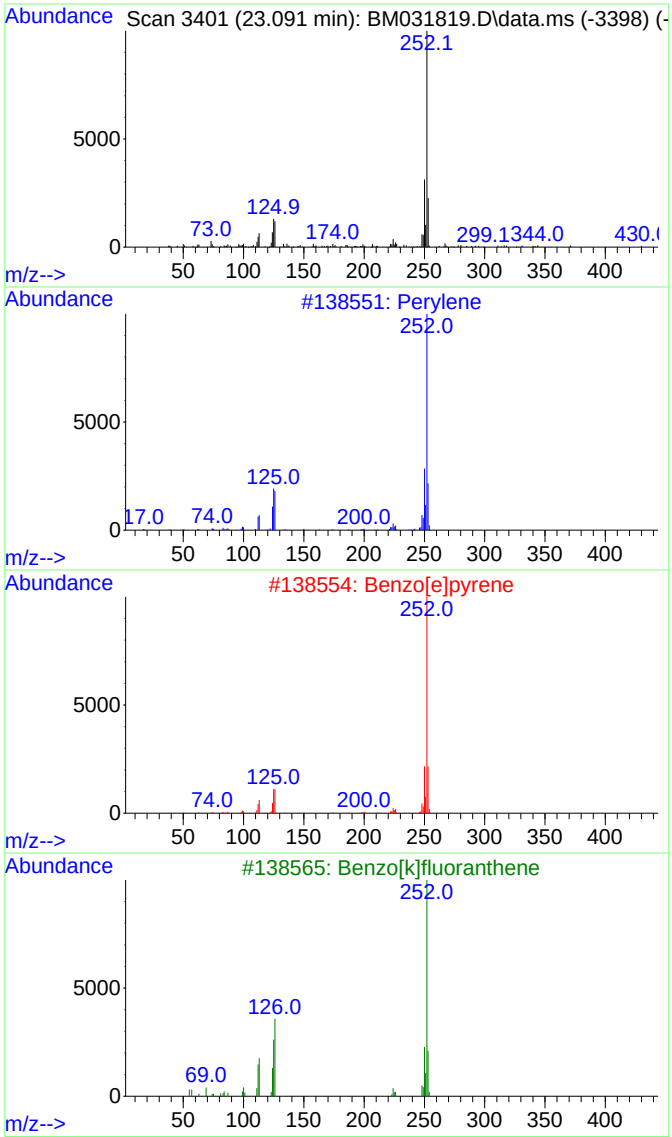
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

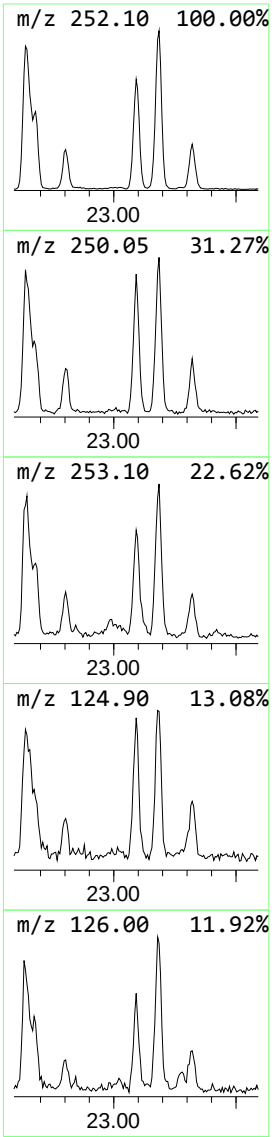
****

Peak Number 3 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.091	6.00 ng	174180	Perylene-d12	23.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	95
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
72-11966

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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 ...	17.845	2.7	ng	121983	4	16.927	891625	20.0
Perylene	23.091	6.0	ng	174180	6	23.274	581020	20.0