LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080223\
Data File : BM041252.D
Acq On : 02 Aug 2023 19:36
Operator : MA/JU
Sample : 03598-11 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RB-57-(1-3)

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-BM072823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM041252.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.369	365	371	382	rBV	316403	501737	18.96%	2.193%
2	6.981	638	645	660	rBV	313094	543876	20.56%	2.377%
3	7.798	777	784	793	rBV	641489	1032221	39.01%	4.511%
4	8.975	977	984	999	rBV	185411	355384	13.43%	1.553%
5	10.604	1254	1261	1267	rBV	963661	1532951	57.94%	6.699%
6	10.651	1267	1269	1275	rVB	39672	60091	2.27%	0.263%
7	12.016	1493	1501	1506	rBV3	16553	34632	1.31%	0.151%
8	12.274	1539	1545	1552	rBV	177463	274771	10.39%	1.201%
9	12.492	1576	1582	1593	rVB	122005	194450	7.35%	0.850%
10	13.080	1674	1682	1689	rBV	598944	867891	32.80%	3.793%
11	13.268	1709	1714	1722	rVB2	21931	39247	1.48%	0.172%
12	13.486	1747	1751	1762	rVB	27661	58895	2.23%	0.257%
13	13.615	1768	1773	1775	rBV	42629	60151	2.27%	0.263%
14	13.780	1795	1801	1806	rBV2	84564	155536	5.88%	0.680%
15	13.833	1806	1810	1819	rVV	51690	86304	3.26%	0.377%
16	13.921	1819	1825	1830	rVV4	22563	36322	1.37%	0.159%
17	14.015	1837	1841	1845	rBV	41053	62796	2.37%	0.274%
18	14.186	1863	1870	1879	rBV	109701	179212	6.77%	0.783%
19	14.345	1892	1897	1902	rBV	29238	40590	1.53%	0.177%
20	14.462	1910	1917	1924	rBV	1480651	2156799	81.52%	9.425%
21	14.527	1924	1928	1935	rVB2	28704	51668	1.95%	0.226%
22	14.668	1947	1952	1962	rVB3	19112	46927	1.77%	0.205%
23	14.862	1980	1985	1994	rVB2	32383	57156	2.16%	0.250%
24	14.939	1994	1998	2002	rBV2	24474	30087	1.14%	0.131%
25	15.080	2017	2022	2027	rBV4	23264	45881	1.73%	0.200%
26	15.233	2044	2048	2055	rBV6	19684	47955	1.81%	0.210%
27	15.304	2055	2060	2063	rVB2	31255	43088	1.63%	0.188%
28	15.421	2074	2080	2085	rBV8	9971	26601	1.01%	0.116%
29	15.515	2091	2096	2100	rBV2	34115	51569	1.95%	0.225%
30	15.962	2167	2172	2179	rBV	459189	639491	24.17%	2.795%
31	16.168	2203	2207	2209	rBV	42127	53896	2.04%	0.236%
32	16.521	2262	2267	2272	rBV7	15450	35084	1.33%	0.153%
33	16.968	2339	2343	2347	rVB2	37177	47806	1.81%	0.209%
34	17.221	2380	2386	2391	rBV	1807341	2573970	97.28%	11.248%
35	17.262	2391	2393	2399	rVB	340964	441064	16.67%	1.927%
36	17.356	2404	2409	2414	rBV	117592	173811	6.57%	0.760%

LSC Area Percent Report

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Integration Parameters: rteint.p
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.709	2465	2469	2472	rBV	37554	41739	1.58%	0.182%
38	18.121	2532	2539	2542	rBV2	235358	439157	16.60%	1.919%
39	18.150	2542	2544	2550	rVB	134134	172710	6.53%	0.755%
40	18.233	2555	2558	2564	rVV	51781	83519	3.16%	0.365%
41	18.297	2564	2569	2573	rVV2	145102	272346	10.29%	1.190%
42	18.333	2573	2575	2582	rVB	72257	98418	3.72%	0.430%
43	18.409	2584	2588	2594	rBV2	43621	69160	2.61%	0.302%
44	18.609	2618	2622	2626	rBV	53425	69115	2.61%	0.302%
45	18.662	2628	2631	2636	rVB	44734	59478	2.25%	0.260%
46	19.021	2689	2692	2698	rBV2	85607	181014	6.84%	0.791%
47	19.292	2733	2738	2744	rVB	1005383	1231693	46.55%	5.382%
48	19.403	2754	2757	2761	rBV3	84476	118085	4.46%	0.516%
49	19.627	2791	2795	2796	rBV3	144651	185676	7.02%	0.811%
50	19.656	2796	2800	2807	rVB	877897	1162078	43.92%	5.078%
51	19.856	2830	2834	2838	rVB	886088	1027180	38.82%	4.489%
52	20.150	2882	2884	2890	rVB2	169192	221659	8.38%	0.969%
53	20.250	2899	2901	2905	rVB	92631	97966	3.70%	0.428%
54	21.427	3095	3101	3105	rBV2	1724565	2645813	100.00%	11.562%
55	21.462	3105	3107	3116	rVB	396662	448188	16.94%	1.959%
56	23.803	3500	3505	3510	rVB	899364	1618398	61.17%	7.072%

Sum of corrected areas: 22883302

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ClientSampleId :
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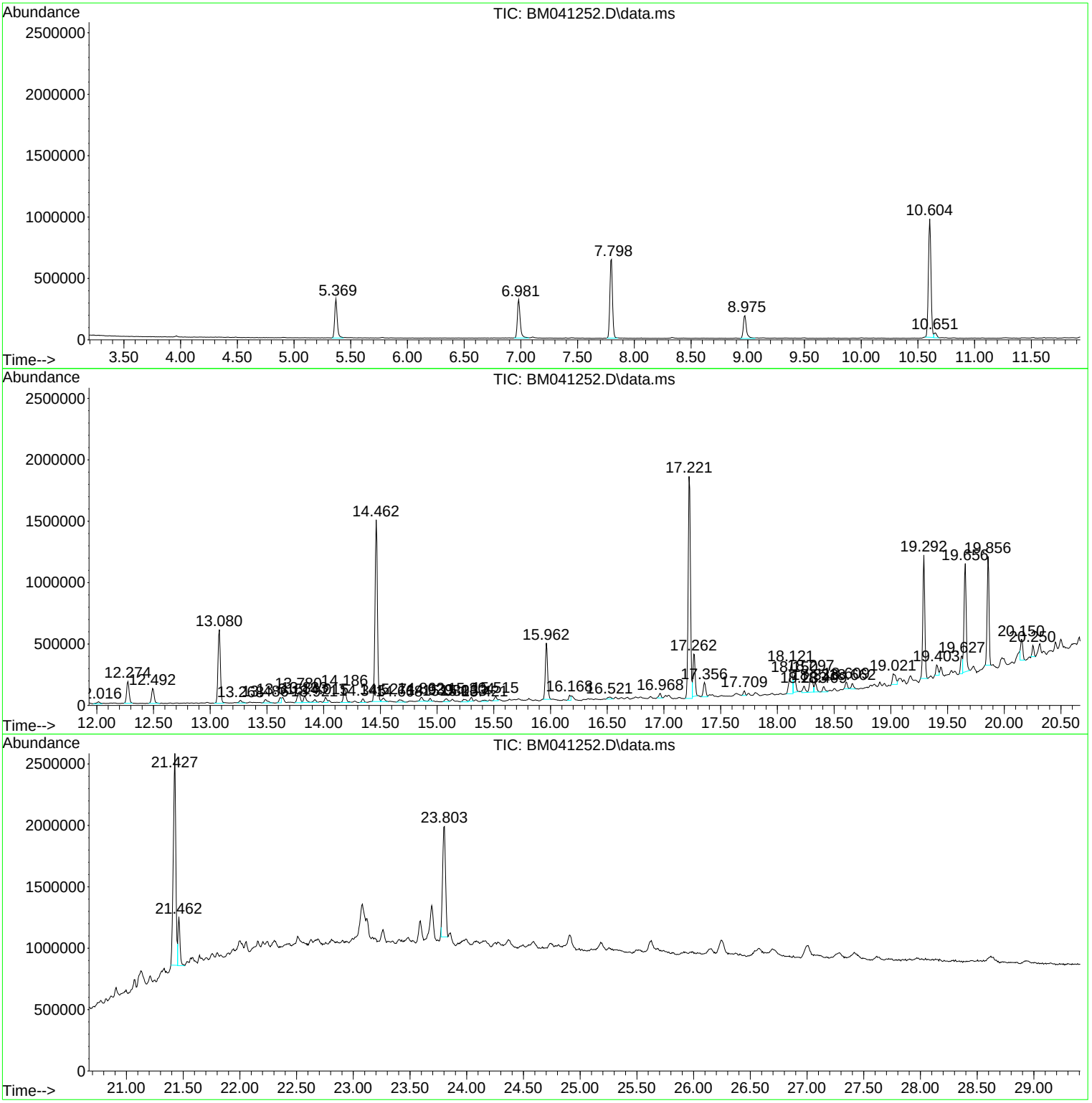
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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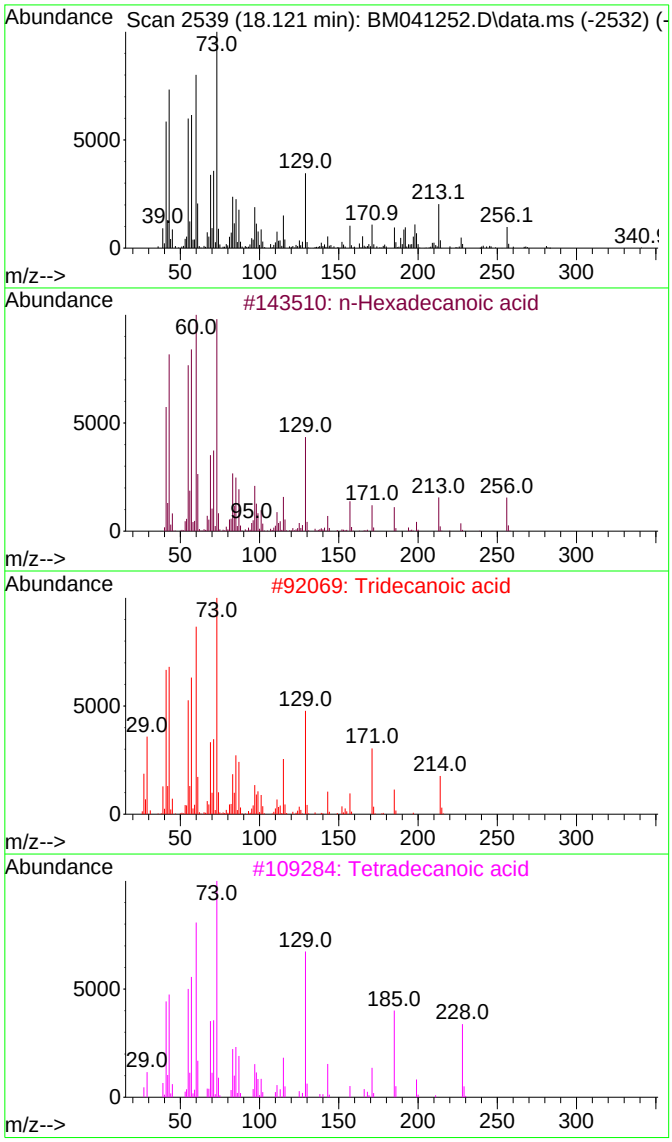
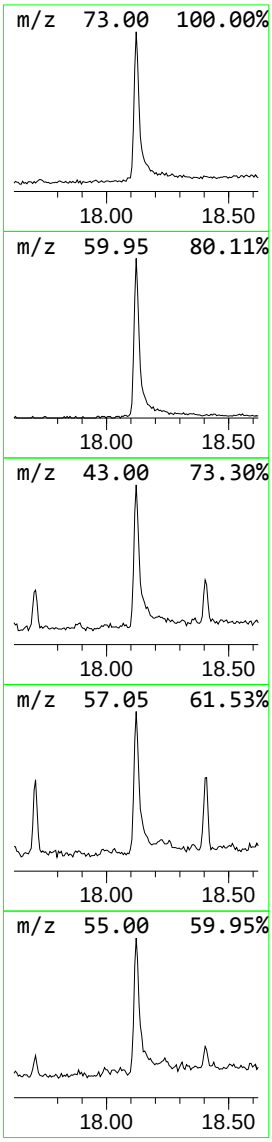
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.121	3.41 ng	439157	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	96
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58





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Instrument :
BNA_M
ClientSampleId :
RB-57-(1-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.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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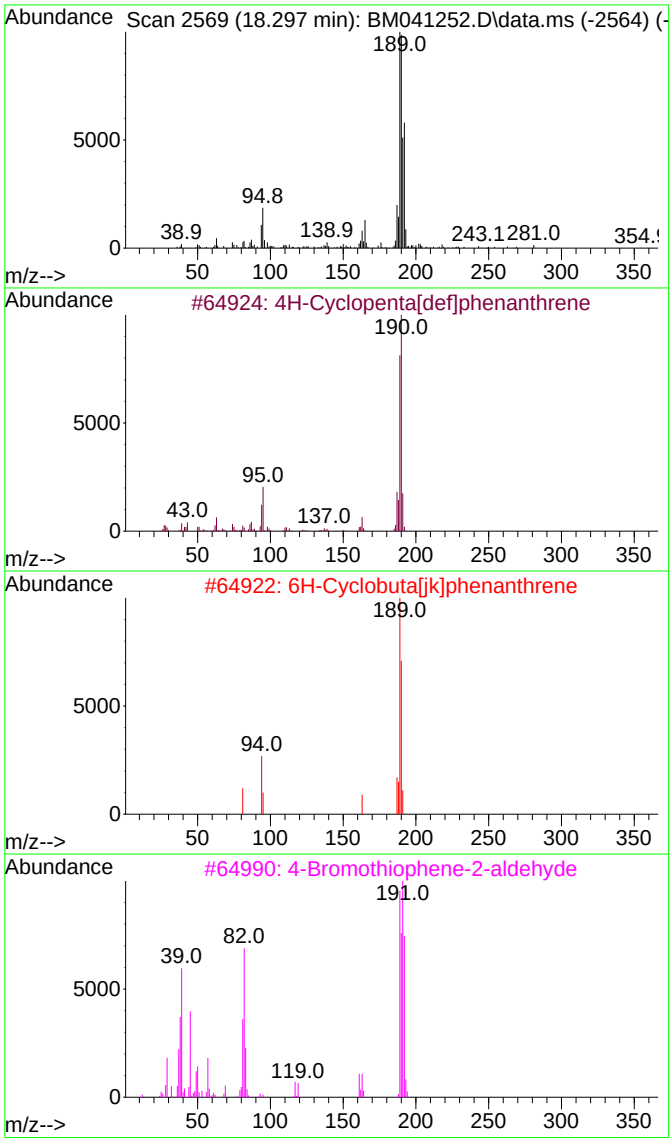
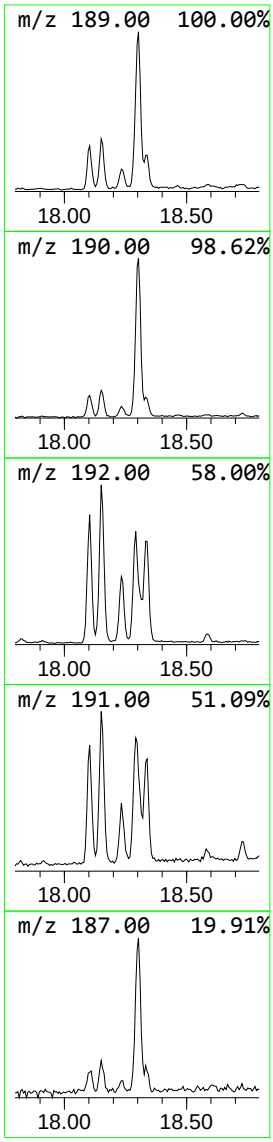
Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.297	2.12 ng	272346	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	38
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	35
5	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	25





Tentatively Identified Compound (LSC) summary

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Instrument :
BNA_M
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.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 ...	18.121	3.4	ng	439157	4	17.221	2573970	20.0
4H-Cyclopenta[d...	18.297	2.1	ng	272346	4	17.221	2573970	20.0