LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020224\
Data File : BG060546.D
Acq On : 1 Feb 2024 23:43
Operator : MA/JU
Sample : P1316-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-1

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_G\Methods\8270-BG010824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060546.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.496	403	410	421	rBV	1204284	2030467	32.99%	4.568%
2	7.088	674	681	695	rBV	1329809	2356360	38.29%	5.301%
3	7.916	815	822	830	rBV	420337	747228	12.14%	1.681%
4	9.080	1013	1020	1028	rBV	779032	1451059	23.58%	3.264%
5	10.725	1292	1300	1313	rBV	621203	1153225	18.74%	2.594%
6	13.181	1709	1718	1728	rBV	2606483	4034257	65.55%	9.075%
7	14.556	1945	1952	1961	rBV	1171983	1910917	31.05%	4.299%
8	16.048	2199	2206	2216	rBV	2170166	3388421	55.06%	7.623%
9	17.305	2414	2420	2425	rBV	1631845	2490209	40.46%	5.602%
10	17.347	2425	2427	2436	rVV	355862	499183	8.11%	1.123%
11	17.441	2437	2443	2448	rVB	63471	105400	1.71%	0.237%
12	18.193	2566	2571	2576	rBV2	218335	371480	6.04%	0.836%
13	18.234	2576	2578	2586	rVB3	73585	113963	1.85%	0.256%
14	18.381	2598	2603	2607	rBV3	73141	136044	2.21%	0.306%
15	19.238	2744	2749	2758	rVB2	52893	90968	1.48%	0.205%
16	19.362	2762	2770	2777	rBV	1042834	1501580	24.40%	3.378%
17	19.468	2784	2788	2794	rBV5	38795	63379	1.03%	0.143%
18	19.697	2820	2827	2828	rBV2	145825	201418	3.27%	0.453%
19	19.726	2828	2832	2840	rVV	833579	1206167	19.60%	2.713%
20	19.926	2858	2866	2872	rBV	4711707	6154088	100.00%	13.844%
21	20.220	2905	2916	2922	rBV3	124854	287814	4.68%	0.647%
22	20.320	2929	2933	2937	rBV2	63610	83262	1.35%	0.187%
23	20.378	2937	2943	2946	rBV4	58546	102099	1.66%	0.230%
24	20.607	2979	2982	2987	rVB3	55483	70049	1.14%	0.158%
25	20.972	3041	3044	3052	rVB	72403	111287	1.81%	0.250%
26	21.154	3068	3075	3079	rBV3	74080	148068	2.41%	0.333%
27	21.201	3079	3083	3087	rVV4	74940	131130	2.13%	0.295%
28	21.254	3087	3092	3096	rVV3	70554	132609	2.15%	0.298%
29	21.301	3097	3100	3105	rVV2	50995	75246	1.22%	0.169%
30	21.453	3120	3126	3135	rVB	1869565	2464773	40.05%	5.545%
31	21.571	3135	3146	3151	rBV2	1846172	3739588	60.77%	8.413%
32	21.612	3151	3153	3166	rVB	407535	643899	10.46%	1.449%
33	21.759	3175	3178	3182	rVB3	81067	125243	2.04%	0.282%
34	22.347	3274	3278	3286	rVB5	69519	138325	2.25%	0.311%
35	23.210	3420	3425	3434	rVB2	106175	218962	3.56%	0.493%
36	23.727	3505	3513	3520	rBV	299269	928957	15.09%	2.090%

LSC Area Percent Report

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Instrument :
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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_G\Methods\8270-BG010824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	24.432	3626	3633	3644	rVB	223640	615419	10.00%	1.384%
38	24.573	3651	3657	3672	rVB2	231754	643828	10.46%	1.448%
39	24.738	3674	3685	3694	rBV	1062230	3035169	49.32%	6.828%
40	28.322	4290	4295	4314	rVB6	98989	443509	7.21%	0.998%
41	29.456	4478	4488	4501	rBV4	70017	307291	4.99%	0.691%

Sum of corrected areas: 44452340

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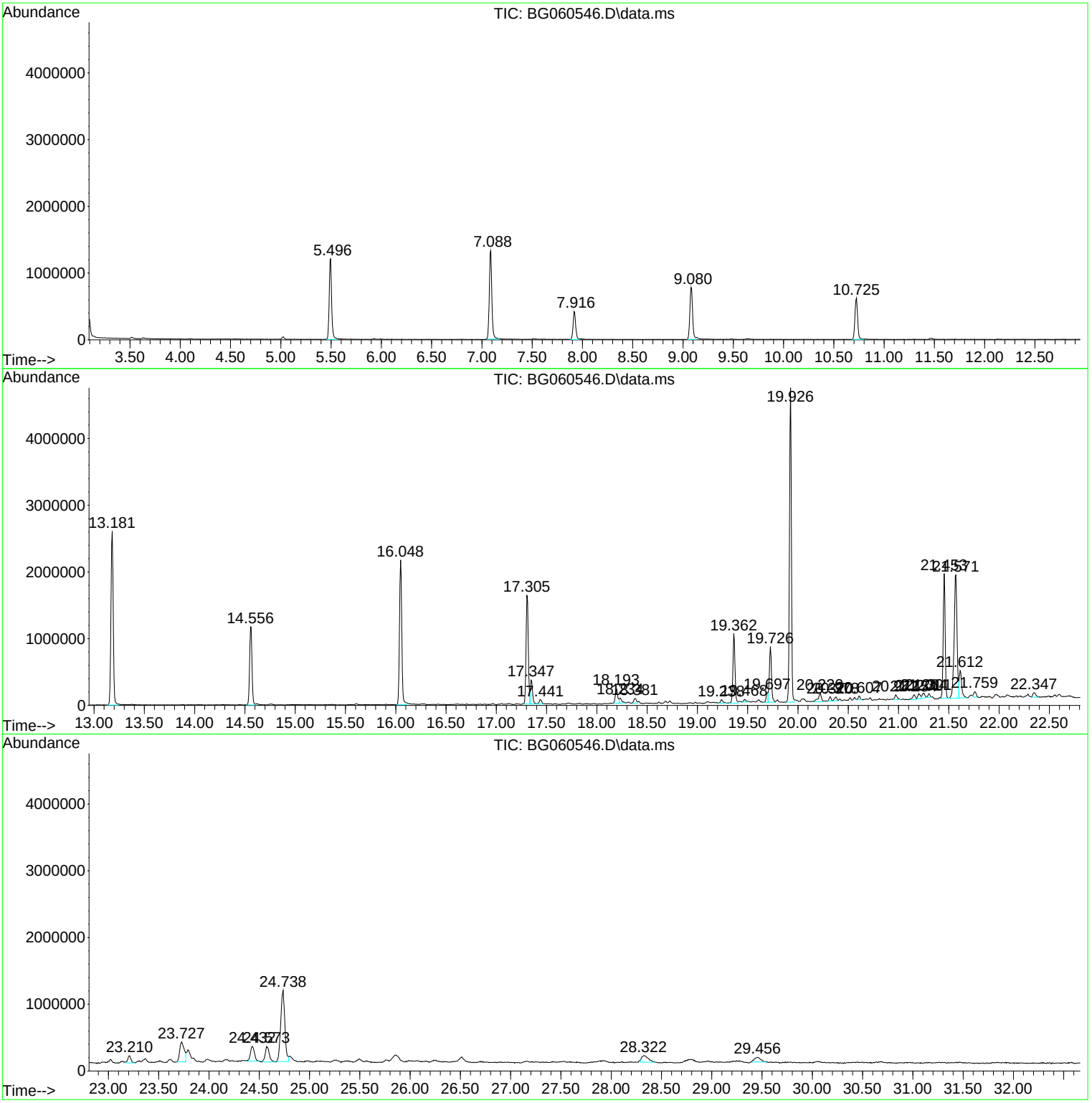
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.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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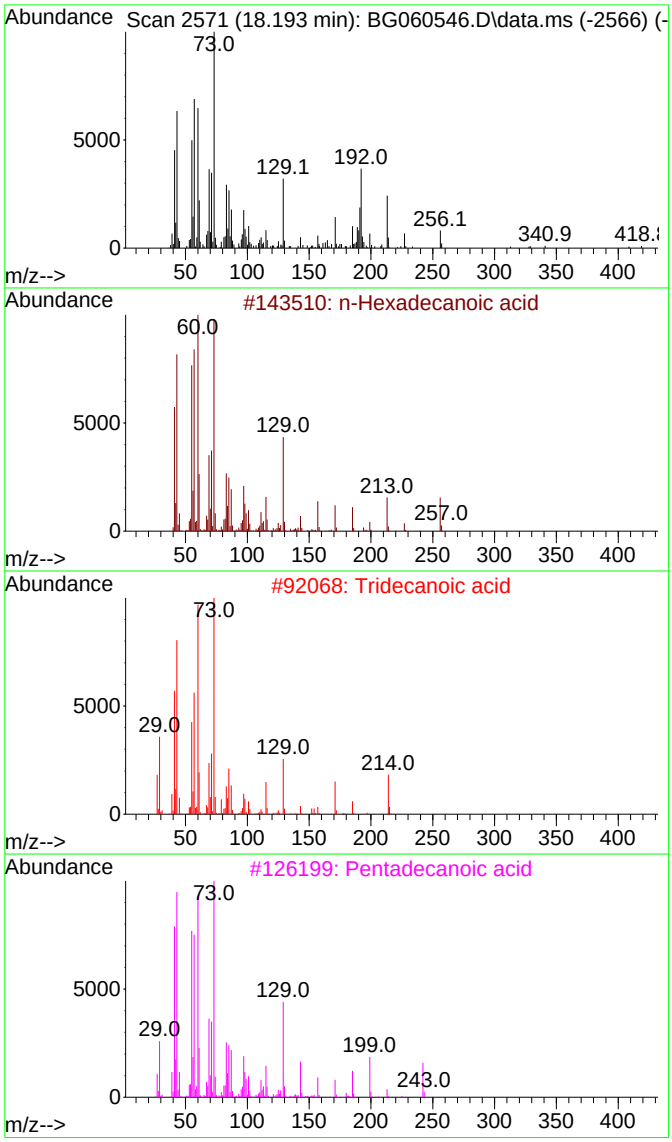
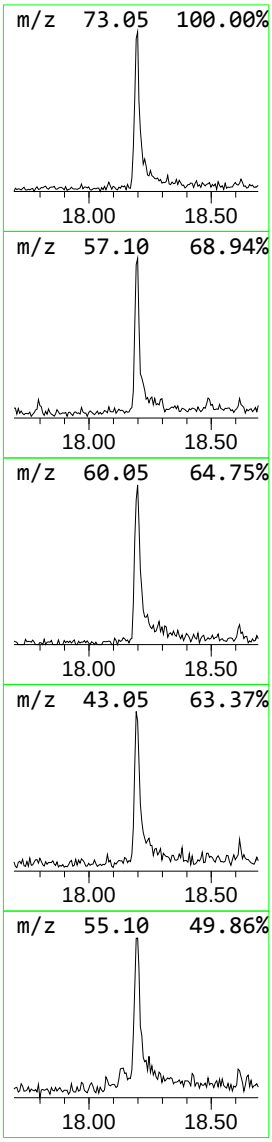
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.193	2.98 ng	371480	Phenanthrene-d10	17.305

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	78
2	Tridecanoic acid	214	C13H26O2	000638-53-9	78
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	49
4	n-Decanoic acid	172	C10H20O2	000334-48-5	38
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	38





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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.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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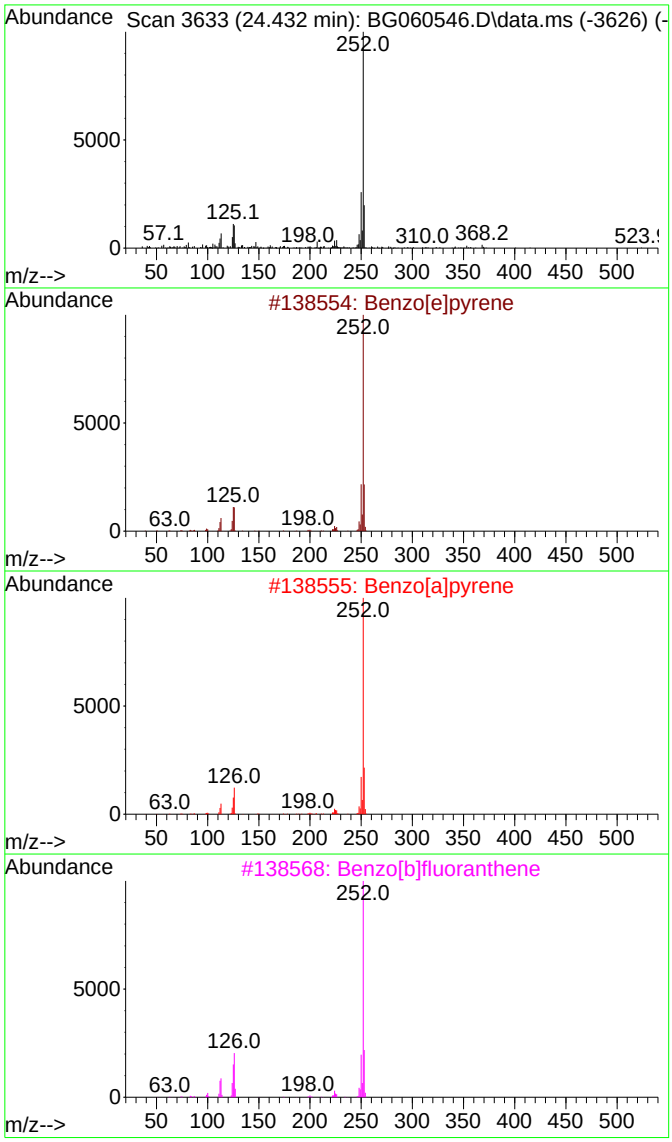
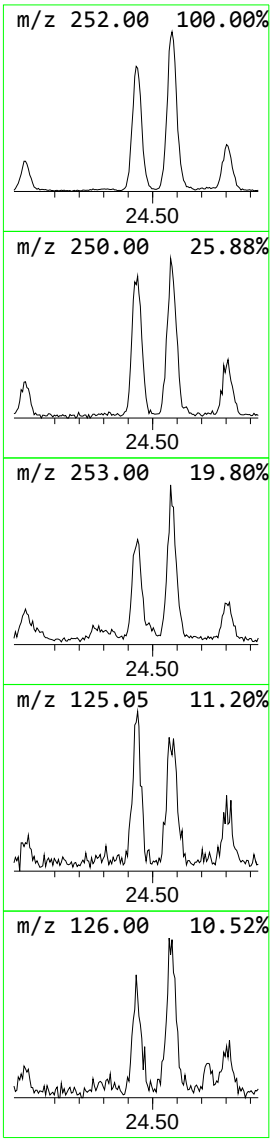
Peak Number 2 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.432	4.06 ng	615419	Perylene-d12	24.738

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.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 ...	18.193	3.0	ng	371480	4	17.305	2490210	20.0
Benzo[e]pyrene	24.432	4.1	ng	615419	6	24.738	3035170	20.0