LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
Data File : BG057935.D
Acq On : 1 Jul 2023 2:08
Operator : CG/JU
Sample : 03358-04 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-4-(0-2)

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-BG062723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG057935.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.017	321	328	334	rBV2	16925	25602	2.03%	0.183%
2	5.487	401	408	415	rBV	438053	695468	55.21%	4.960%
3	7.073	671	678	687	rBV	451460	759991	60.33%	5.420%
4	7.908	813	820	828	rVB	199654	337867	26.82%	2.410%
5	9.071	1009	1018	1028	rBV	267092	463018	36.76%	3.302%
6	10.716	1289	1298	1310	rBV	286888	527092	41.84%	3.759%
7	13.172	1709	1716	1729	rBV	646236	1014877	80.57%	7.238%
8	14.277	1898	1904	1911	rBV	23557	54042	4.29%	0.385%
9	14.547	1940	1950	1959	rBV	460372	718128	57.01%	5.122%
10	15.599	2122	2129	2131	rBV4	7018	12793	1.02%	0.091%
11	15.898	2174	2180	2187	rBV	143608	217152	17.24%	1.549%
12	16.034	2194	2203	2210	rBV	487376	756842	60.08%	5.398%
13	16.269	2236	2243	2247	rBV5	9401	19012	1.51%	0.136%
14	16.462	2270	2276	2284	rBV	29347	43548	3.46%	0.311%
15	16.944	2354	2358	2364	rVB4	7177	14020	1.11%	0.100%
16	17.097	2381	2384	2393	rVB8	5808	13181	1.05%	0.094%
17	17.291	2411	2417	2422	rBV	538218	821766	65.24%	5.861%
18	17.332	2422	2424	2430	rVB	106557	130660	10.37%	0.932%
19	17.420	2435	2439	2444	rVV	16093	22328	1.77%	0.159%
20	17.473	2444	2448	2454	rVV6	16985	25106	1.99%	0.179%
21	17.696	2482	2486	2492	rVB	22410	34200	2.72%	0.244%
22	18.119	2555	2558	2562	rBV6	10418	17276	1.37%	0.123%
23	18.178	2562	2568	2572	rBV4	141982	213826	16.98%	1.525%
24	18.360	2594	2599	2603	rBV3	37896	69261	5.50%	0.494%
25	18.478	2615	2619	2621	rBV4	9520	13249	1.05%	0.094%
26	18.666	2648	2651	2654	rBV2	11788	15040	1.19%	0.107%
27	18.707	2654	2658	2665	rVB	27636	42371	3.36%	0.302%
28	19.083	2717	2722	2729	rBV3	21454	44830	3.56%	0.320%
29	19.136	2729	2731	2736	rVV6	9284	13556	1.08%	0.097%
30	19.224	2741	2746	2753	rVV	23998	43094	3.42%	0.307%
31	19.347	2761	2767	2772	rBV	376081	575337	45.67%	4.103%
32	19.400	2774	2776	2780	rVB5	18129	18245	1.45%	0.130%
33	19.453	2780	2785	2789	rBV5	35719	57084	4.53%	0.407%
34	19.494	2789	2792	2796	rVB2	21729	29508	2.34%	0.210%
35	19.676	2818	2823	2824	rBV	42596	56705	4.50%	0.404%
36	19.706	2824	2828	2836	rVB	359197	489758	38.88%	3.493%

LSC Area Percent Report

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-4-(0-2)

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-BG062723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.905	2856	2862	2867	rBV	950780	1259635	100.00%	8.984%
38	19.947	2867	2869	2874	rVB	39263	41846	3.32%	0.298%
39	20.029	2879	2883	2884	rBV3	20854	27733	2.20%	0.198%
40	20.193	2909	2911	2918	rVB2	54487	80213	6.37%	0.572%
41	20.299	2926	2929	2934	rBV3	30038	44217	3.51%	0.315%
42	20.493	2960	2962	2966	rBV	18537	18324	1.45%	0.131%
43	20.945	3036	3039	3046	rVB	50266	76736	6.09%	0.547%
44	21.192	3079	3081	3091	rVB3	82091	166732	13.24%	1.189%
45	21.274	3092	3095	3105	rVB	56144	97579	7.75%	0.696%
46	21.545	3133	3141	3145	rBV2	552702	1196102	94.96%	8.531%
47	21.586	3145	3148	3156	rVB	191692	324566	25.77%	2.315%
48	23.689	3499	3506	3515	rBV	194312	649067	51.53%	4.629%
49	24.400	3622	3627	3638	rVB3	122159	327308	25.98%	2.334%
50	24.535	3643	3650	3664	rVB2	164412	457319	36.31%	3.262%
51	24.694	3669	3677	3685	rBV	301690	847553	67.29%	6.045%

Sum of corrected areas: 14020763

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Instrument :
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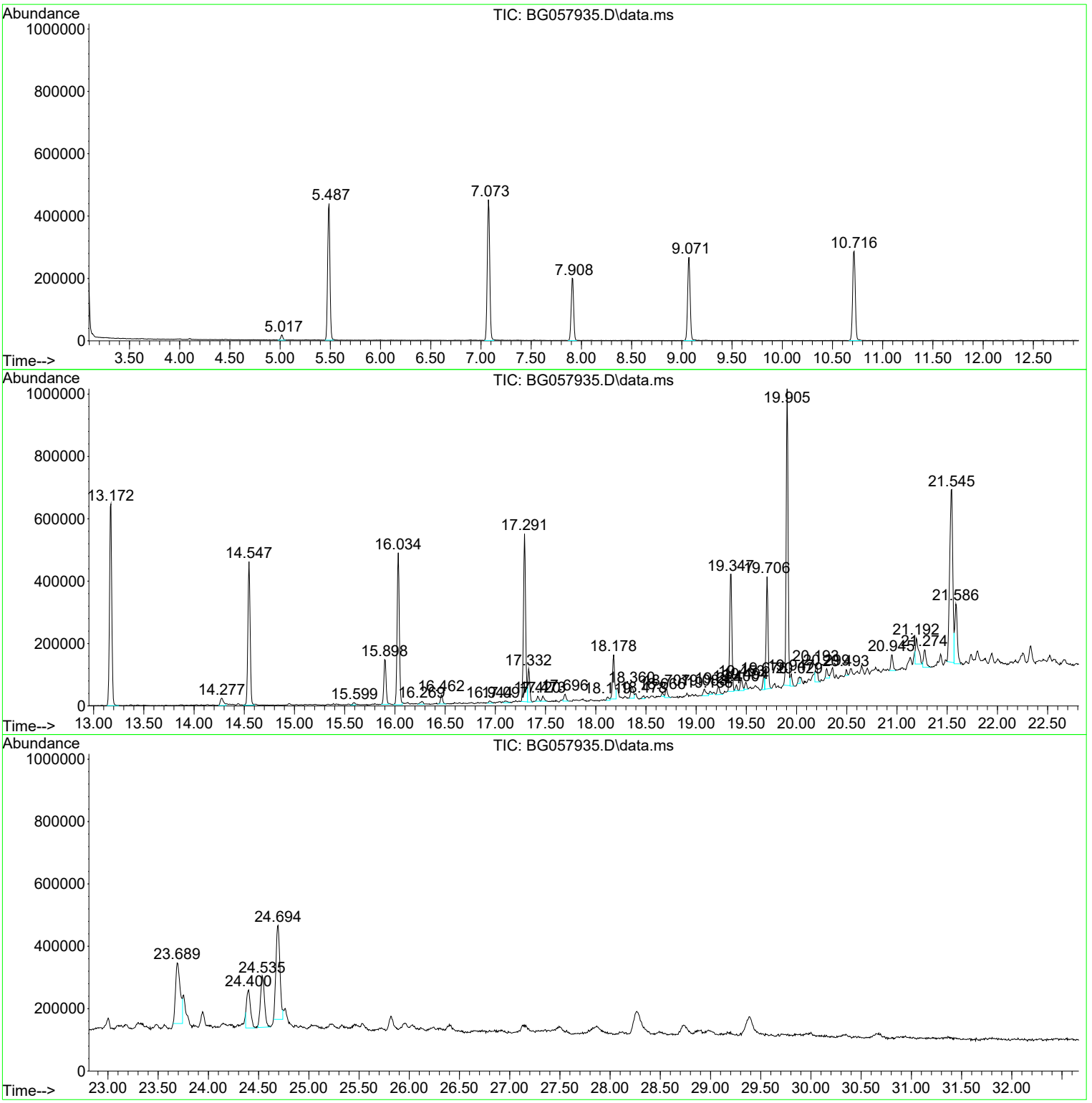
ClientSampleId :
SB-4-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
Data File : BG057935.D
Acq On : 1 Jul 2023 2:08
Operator : CG/JU
Sample : 03358-04 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-4-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.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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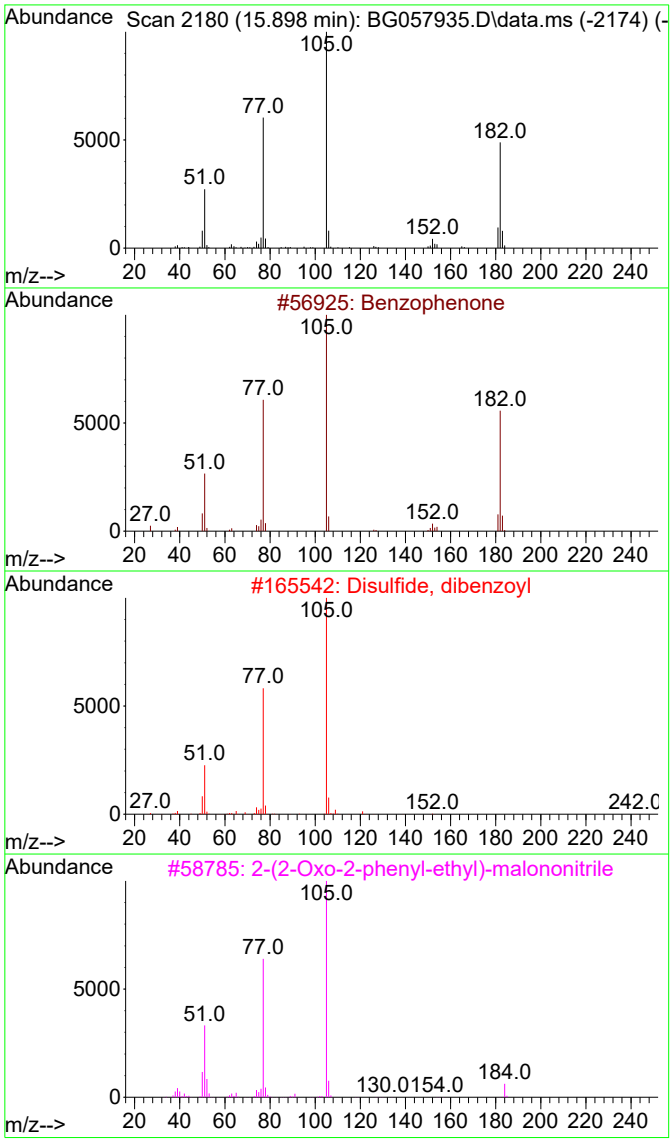
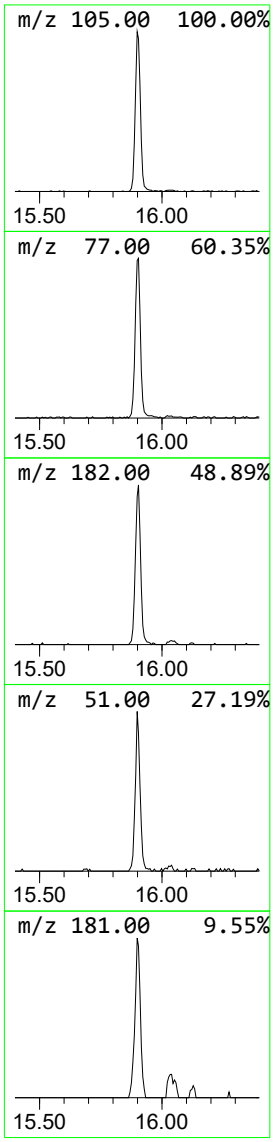
Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.898	6.05 ng	217152	Acenaphthene-d10	14.547

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	49
3	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47
4	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47
5	Methyl benzilate	242	C15H14O3	000076-89-1	47





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Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.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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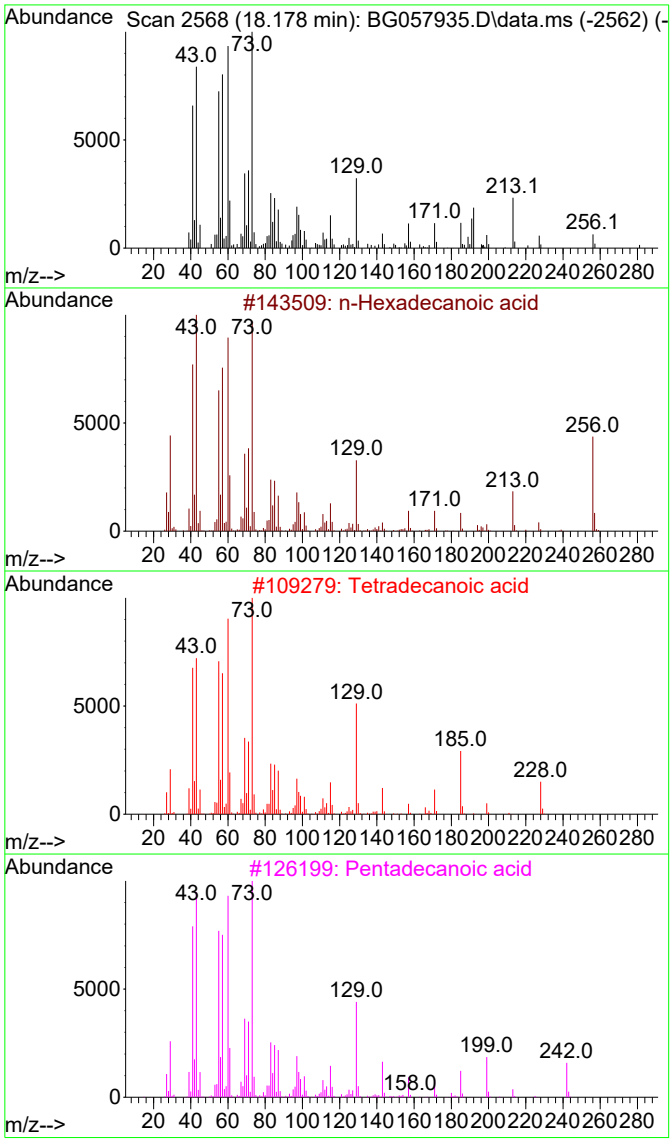
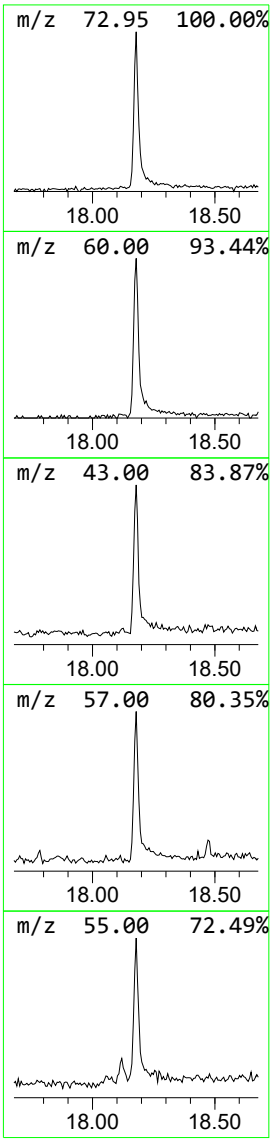
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.178	5.20 ng	213826	Phenanthrene-d10	17.291

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





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Data File : BG057935.D
Acq On : 1 Jul 2023 2:08
Operator : CG/JU
Sample : 03358-04 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-4-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.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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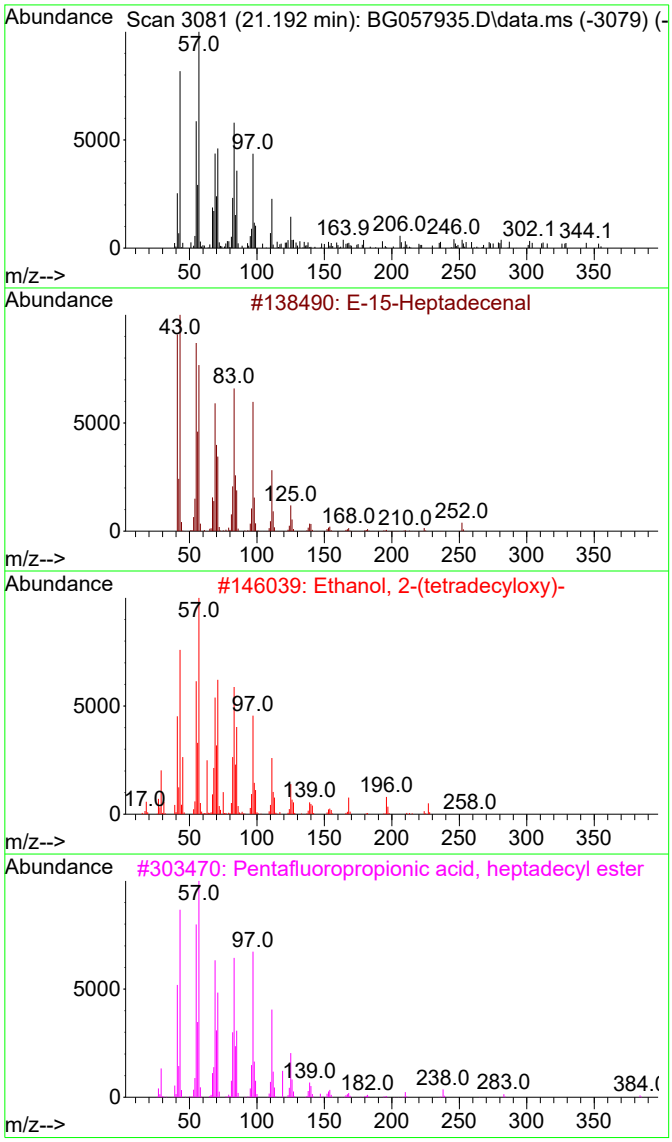
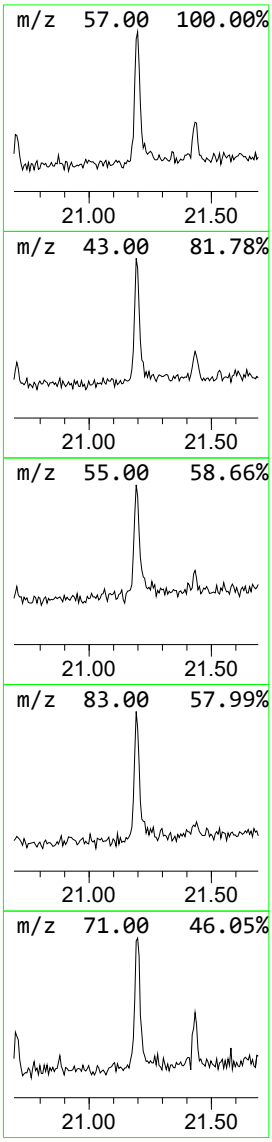
Peak Number 3 E-15-Heptadecenal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.192	2.79 ng	166732	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	93
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	87
4	Triacontyl heptafluorobutyrate	634	C34H61F7O2	1000351-83-2	87
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-4-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.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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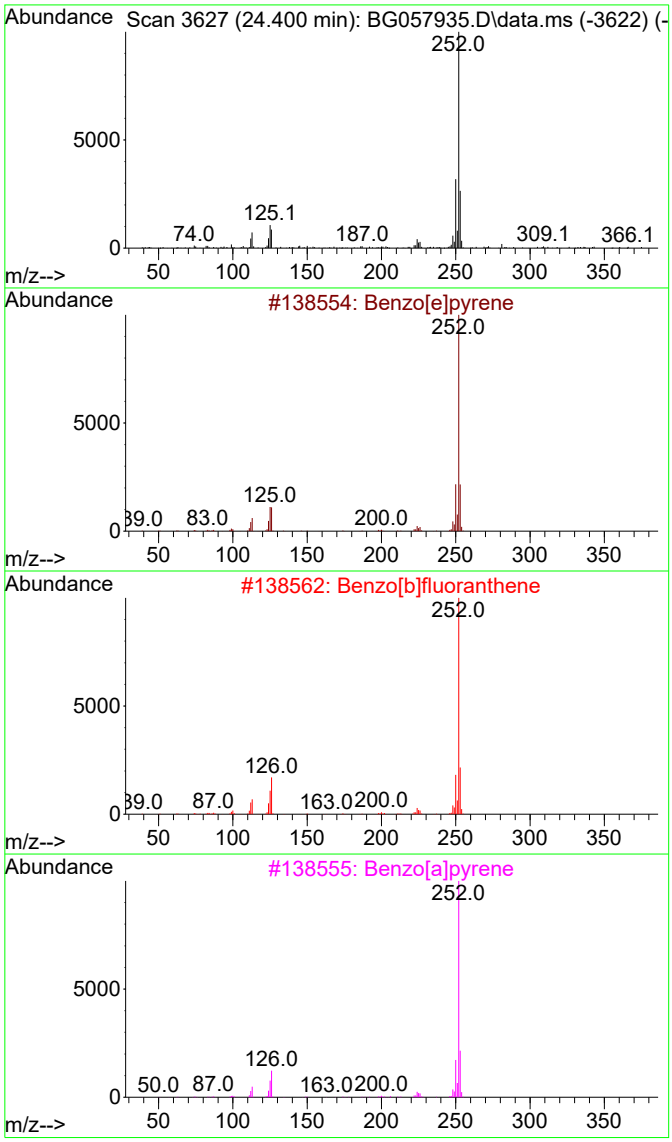
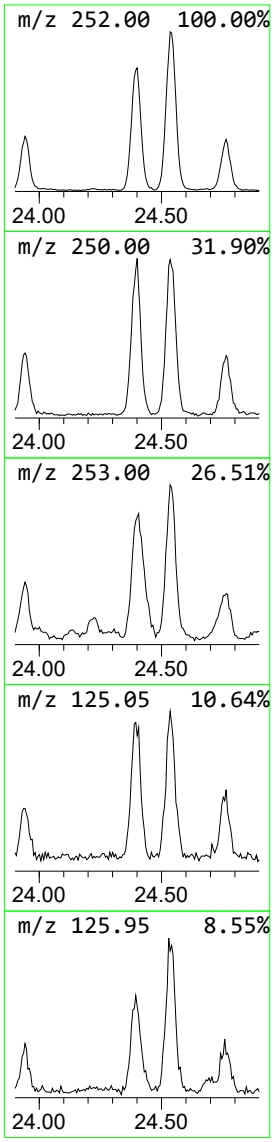
Peak Number 4 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.400	7.72 ng	327308	Perylene-d12	24.688

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5	Perylene	252	C20H12	000198-55-0	81





Tentatively Identified Compound (LSC) summary

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ClientSampleId :
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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
Benzophenone	15.898	6.0	ng	217152	3	14.547	718128	20.0
n-Hexadecanoic ...	18.178	5.2	ng	213826	4	17.291	821766	20.0
E-15-Heptadecenal	21.192	2.8	ng	166732	5	21.545	1196100	20.0
Benzo[e]pyrene	24.400	7.7	ng	327308	6	24.688	847553	20.0