LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071422\
Data File : BG054288.D
Acq On : 14 Jul 2022 20:28
Operator : CG/JU
Sample : N3711-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PSC124042

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-BG071222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054288.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.610	371	378	387	rBV	170163	290045	24.35%	4.178%
2	7.203	642	649	660	rBV	186235	333571	28.01%	4.805%
3	8.037	785	791	798	rBB	57572	97875	8.22%	1.410%
4	9.200	981	989	1000	rBV	112352	208391	17.50%	3.002%
5	10.846	1260	1269	1277	rBV	79873	147348	12.37%	2.123%
6	13.290	1678	1685	1696	rBB	383569	605137	50.81%	8.718%
7	14.665	1913	1919	1926	rBV	157205	251343	21.10%	3.621%
8	15.945	2132	2137	2142	rBB3	15542	21764	1.83%	0.314%
9	16.151	2166	2172	2183	rBV2	396988	621857	52.21%	8.959%
10	17.408	2379	2386	2391	rBV	235226	364999	30.64%	5.258%
11	17.450	2391	2393	2400	rVV	34950	44567	3.74%	0.642%
12	18.296	2530	2537	2540	rBV2	11714	20284	1.70%	0.292%
13	18.331	2540	2543	2552	rVB2	9598	15294	1.28%	0.220%
14	18.478	2562	2568	2572	rBV4	7973	15285	1.28%	0.220%
15	19.259	2695	2701	2709	rVV6	6336	13137	1.10%	0.189%
16	19.459	2730	2735	2741	rBV	104239	147730	12.40%	2.128%
17	19.788	2786	2791	2792	rBV	16260	18466	1.55%	0.266%
18	19.823	2792	2797	2804	rVB	87993	138675	11.64%	1.998%
19	20.017	2819	2830	2836	rBV	885428	1191059	100.00%	17.159%
20	20.146	2845	2852	2853	rBV3	8193	13638	1.15%	0.196%
21	20.317	2876	2881	2886	rVB2	14369	25509	2.14%	0.367%
22	20.487	2902	2910	2916	rBV5	13805	35618	2.99%	0.513%
23	20.658	2934	2939	2943	rVV	94513	133564	11.21%	1.924%
24	20.699	2943	2946	2956	rVB3	38151	61801	5.19%	0.890%
25	21.081	3006	3011	3017	rBV	12054	23291	1.96%	0.336%
26	21.257	3034	3041	3045	rBV3	11014	22578	1.90%	0.325%
27	21.310	3045	3050	3054	rBV4	37973	61576	5.17%	0.887%
28	21.404	3063	3066	3075	rVB2	9918	22717	1.91%	0.327%
29	21.562	3085	3093	3099	rBV	163621	233441	19.60%	3.363%
30	21.680	3104	3113	3118	rVV3	294382	583178	48.96%	8.401%
31	21.727	3118	3121	3134	rVB2	47538	84488	7.09%	1.217%
32	21.903	3141	3151	3158	rBV6	22510	54675	4.59%	0.788%
33	22.091	3177	3183	3190	rBV6	7848	21230	1.78%	0.306%
34	22.150	3190	3193	3201	rVB10	5130	12817	1.08%	0.185%
35	22.403	3230	3236	3243	rVB4	10428	23405	1.97%	0.337%
36	22.479	3243	3249	3256	rBV10	20129	45332	3.81%	0.653%

LSC Area Percent Report

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Acq On : 14 Jul 2022 20:28
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Misc :
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Instrument :
BNA_G
ClientSampleId :
PSC124042

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-BG071222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	22.855	3302	3313	3317	rBV10	9247	24147	2.03%	0.348%
38	23.889	3478	3489	3497	rBV2	41006	142638	11.98%	2.055%
39	24.612	3605	3612	3625	rVB2	24364	73789	6.20%	1.063%
40	24.759	3628	3637	3650	rVB2	31873	91335	7.67%	1.316%
41	24.917	3653	3664	3674	rBV2	162154	489953	41.14%	7.058%
42	28.619	4281	4294	4310	rVB4	15240	74333	6.24%	1.071%
43	29.071	4363	4371	4377	rBV9	4497	14192	1.19%	0.204%
44	29.759	4478	4488	4489	rBV2	9953	25396	2.13%	0.366%

Sum of corrected areas: 6941468

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Instrument :
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ClientSampleId :
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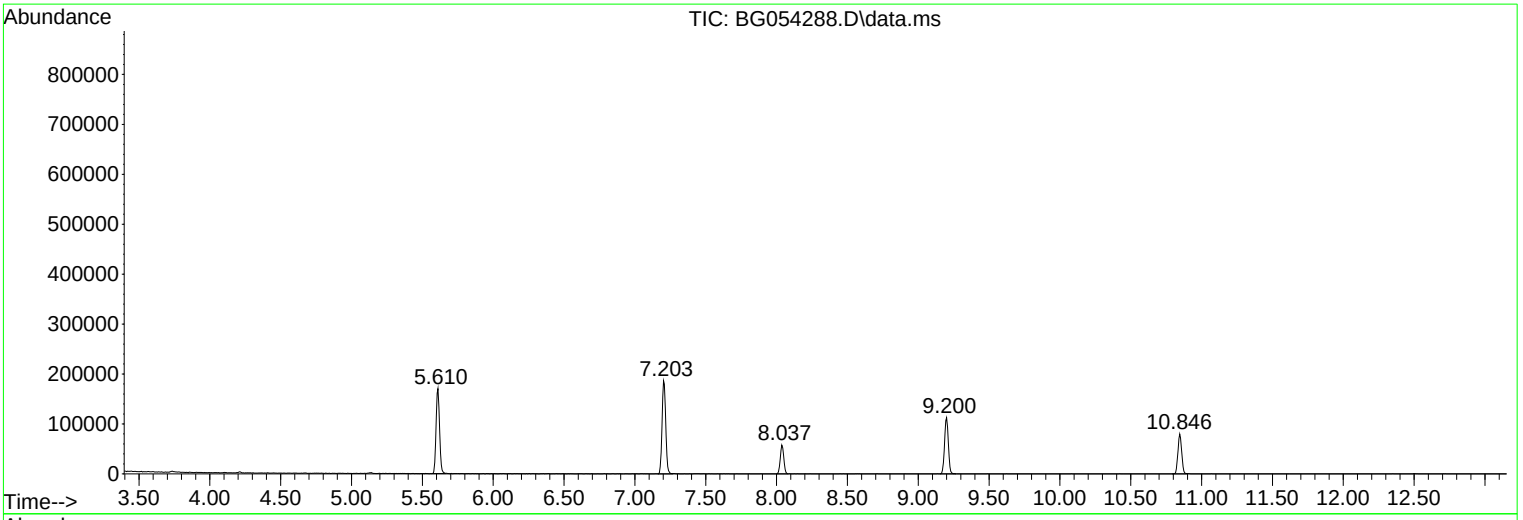
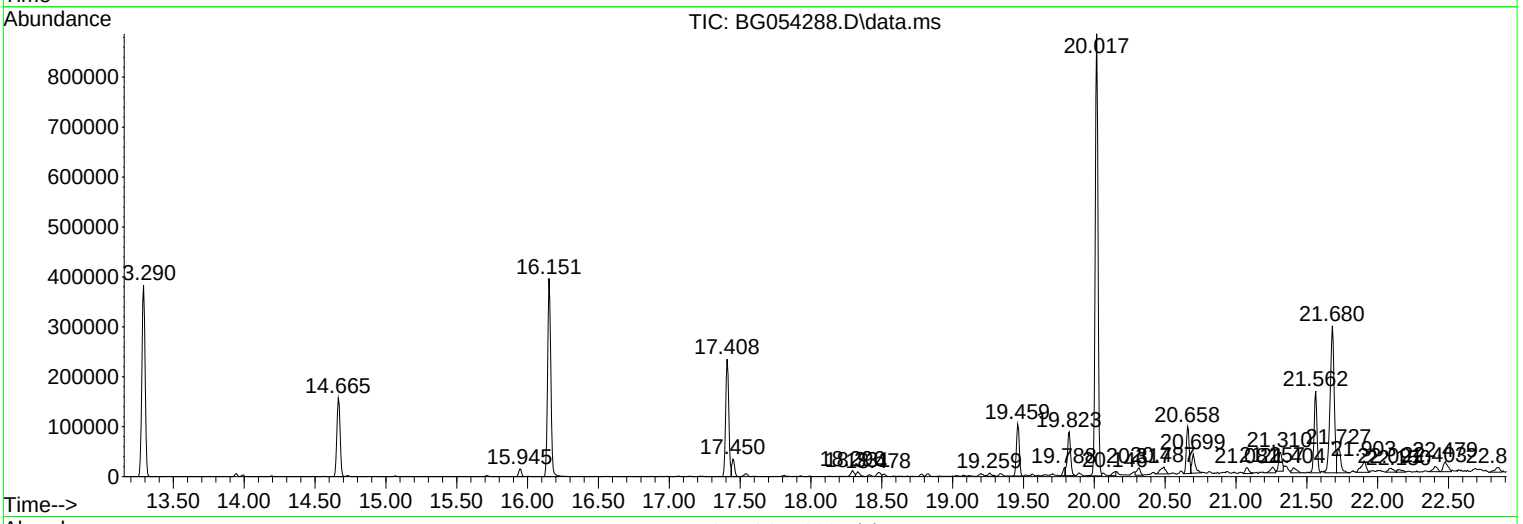
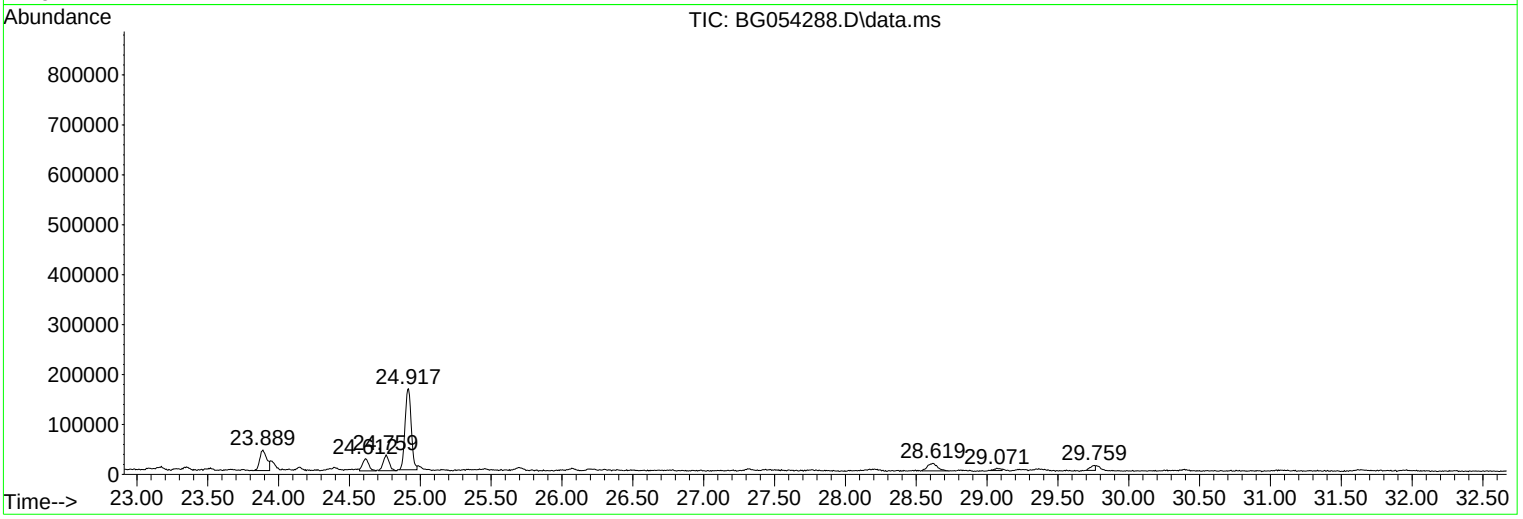
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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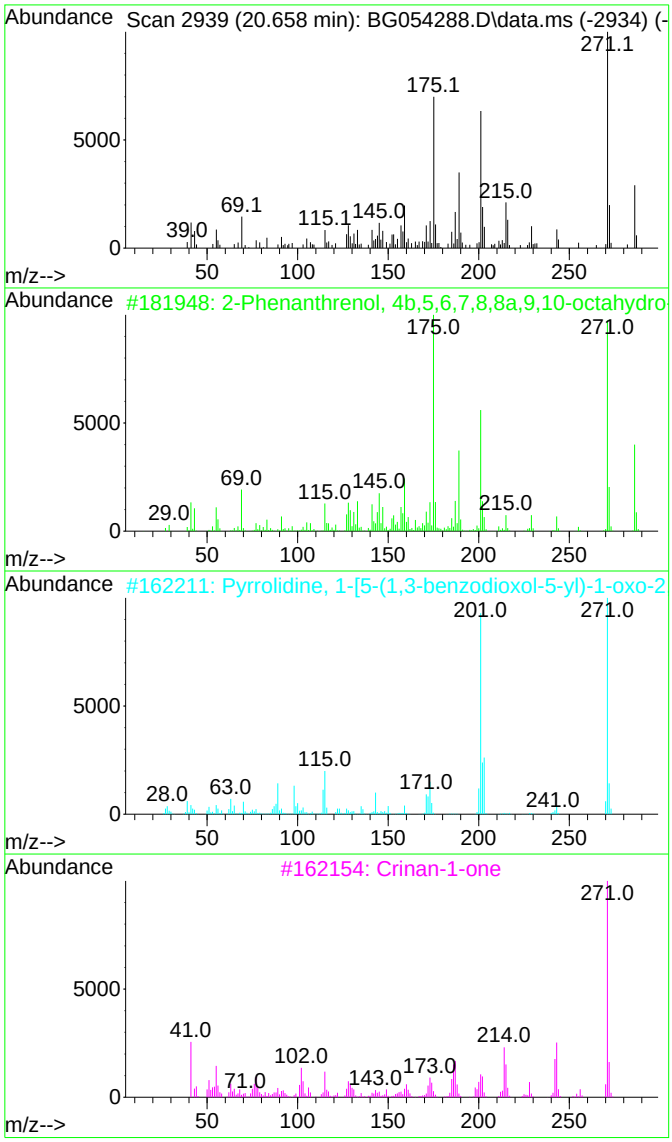
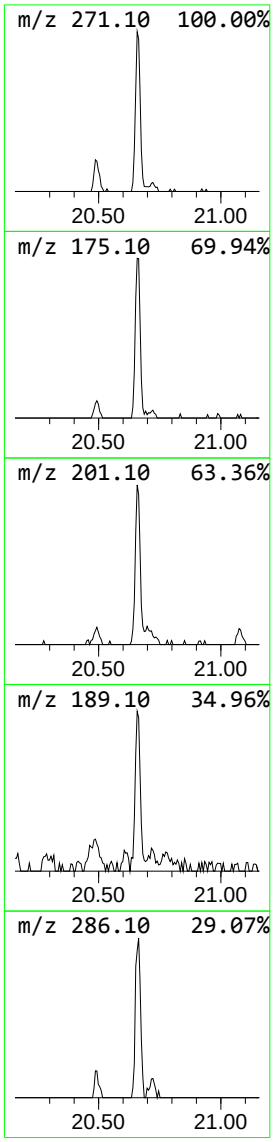
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.658	4.58 ng	133564	Chrysene-d12	21.680

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	96
2	Pyrrolidine, 1-[5-(1,3-benzodiox...	271	C16H17NO3	025924-78-1	46
3	Crinan-1-one	271	C16H17NO3	098301-98-5	43
4	Crinan-1-ol, 2,3-didehydro-,(1.a...	271	C16H17NO3	1000111-31-3	38
5	Oxazole, 2-(1-naphthalenyl)-5-ph...	271	C19H13NO	000846-63-9	30





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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.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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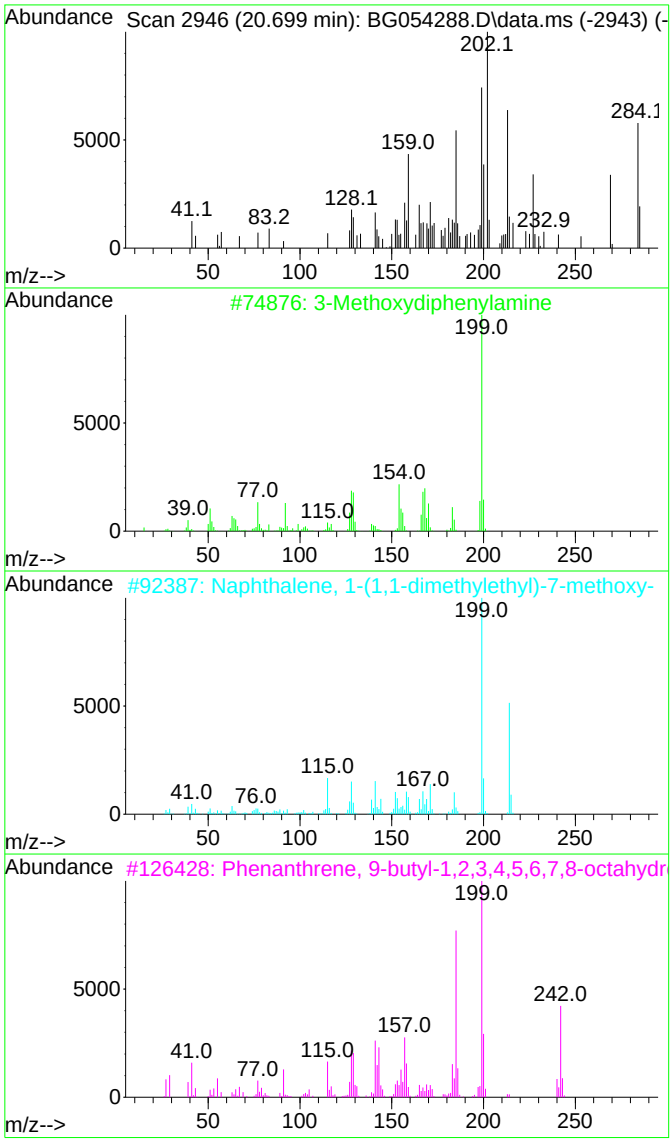
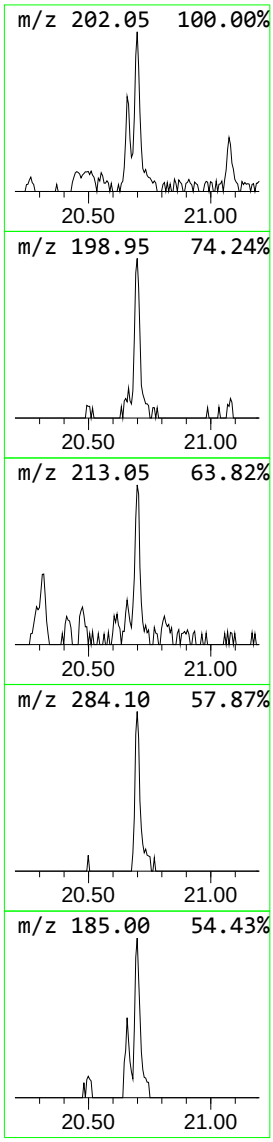
Peak Number 2 unknown20.699 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.699	2.12 ng	61801	Chrysene-d12	21.680

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methoxydiphenylamine	199	C13H13NO	000101-16-6	25
2	Naphthalene, 1-(1,1-dimethylethy...	214	C15H18O	060683-42-3	25
3	Phenanthrene, 9-butyl-1,2,3,4,5,...	242	C18H26	016703-29-0	18
4	4,9(11)-Androstadiene-3,17-dione	284	C19H24O2	1000126-89-3	15
5	1-Naphthalenecarboxylic acid, 2-...	202	C12H10O3	000947-62-6	15





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Misc :
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Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.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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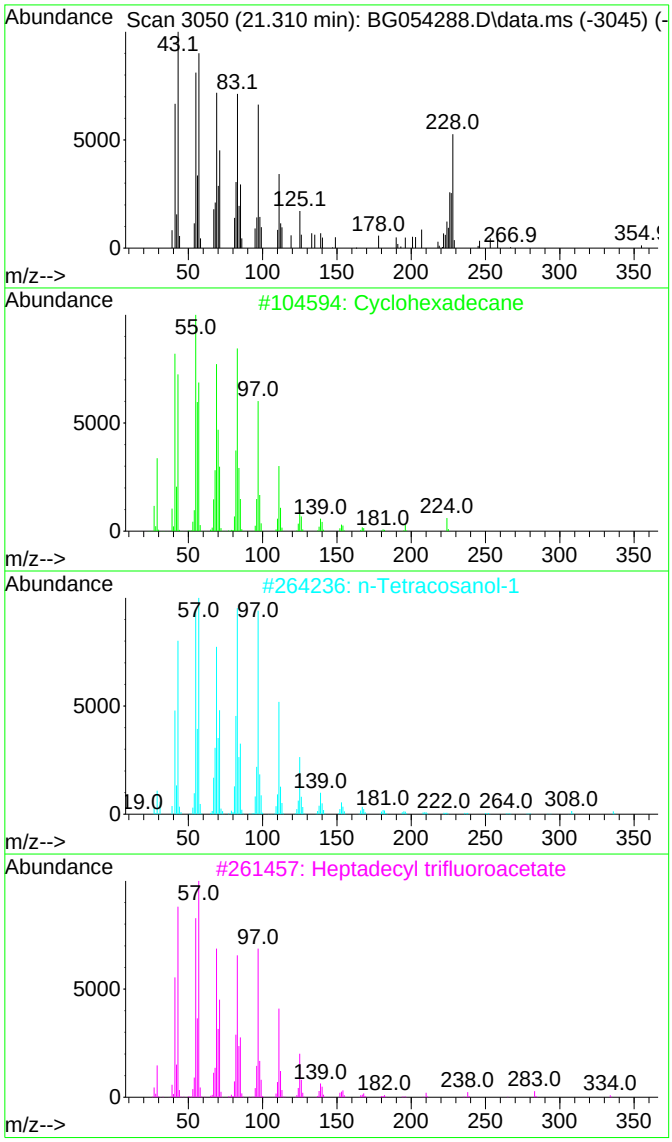
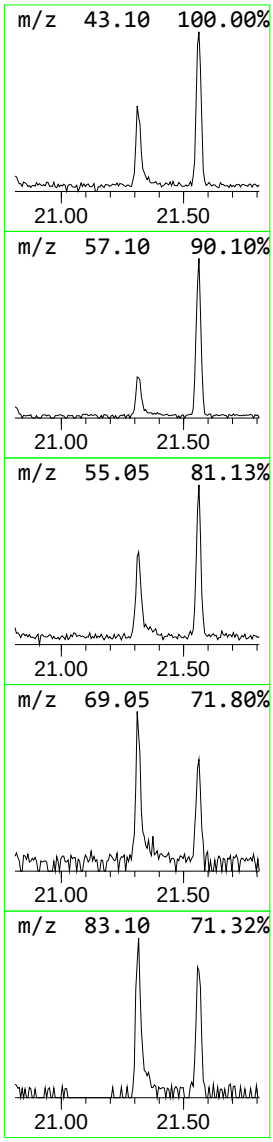
Peak Number 3 Cyclohexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.310	2.11 ng	61576	Chrysene-d12	21.680

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	91
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
5	Octacosanol	410	C28H58O	000557-61-9	91





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PSC124042

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.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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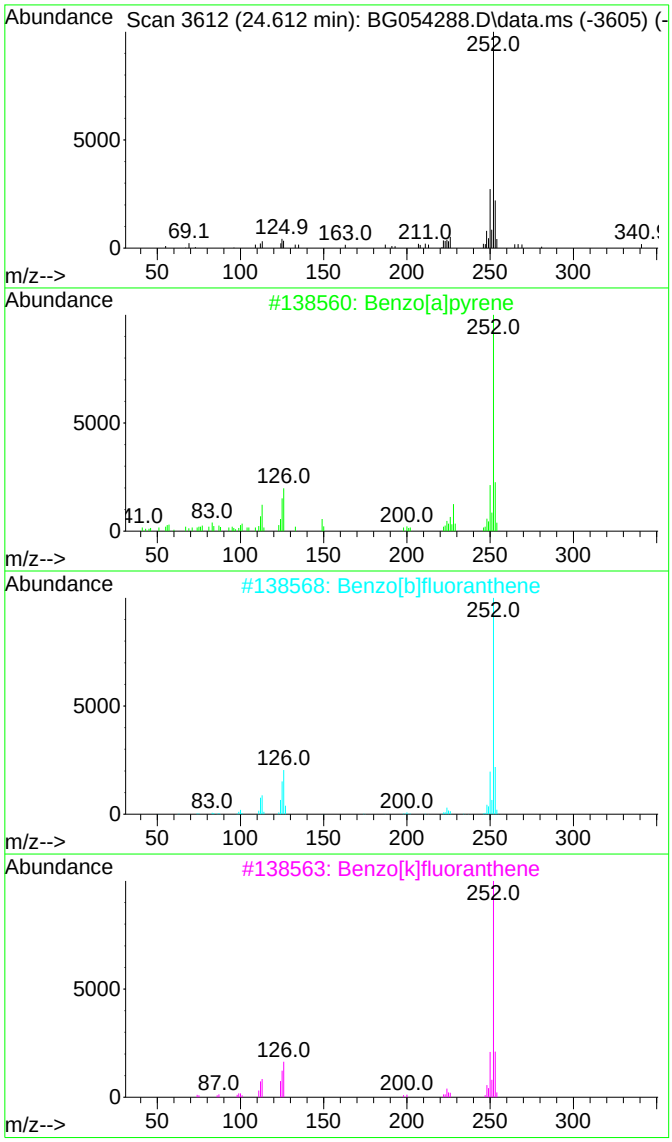
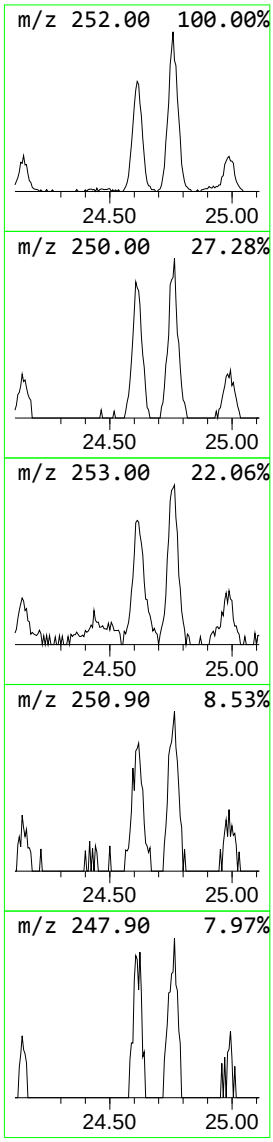
Peak Number 4 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.612	3.01 ng	73789	Perylene-d12	24.911

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	90
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	74
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	74
4	Benzo[e]pyrene	252	C20H12	000192-97-2	68
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	64





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.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
2-Phenanthrenol...	20.658	4.6	ng	133564	5	21.680	583178	20.0
unknown20.699	20.699	2.1	ng	61801	5	21.680	583178	20.0
Cyclohexadecane	21.310	2.1	ng	61576	5	21.680	583178	20.0
Benzo[e]pyrene	24.612	3.0	ng	73789	6	24.911	489953	20.0