LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092322\
Data File : BG055020.D
Acq On : 23 Sep 2022 20:13
Operator : CG/JU
Sample : N4751-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PE-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_G\Methods\8270-BG091922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055020.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.108	303	310	318	rBV	55781	90419	4.20%	0.700%
2	5.596	386	393	406	rBV	491632	791840	36.79%	6.128%
3	7.218	662	669	685	rBV	479004	834349	38.76%	6.457%
4	8.058	805	812	819	rBV	133608	222744	10.35%	1.724%
5	9.233	1003	1012	1024	rBV	294880	524138	24.35%	4.056%
6	10.884	1285	1293	1302	rBV	177485	324014	15.05%	2.507%
7	13.322	1701	1708	1717	rBV	932155	1404577	65.25%	10.869%
8	14.703	1933	1943	1949	rBV	306124	481134	22.35%	3.723%
9	16.189	2189	2196	2222	rBV	523481	916701	42.59%	7.094%
10	17.447	2403	2410	2414	rBV	401389	587067	27.27%	4.543%
11	17.488	2414	2417	2424	rVB	105213	155624	7.23%	1.204%
12	17.582	2424	2433	2438	rBV	19498	36628	1.70%	0.283%
13	18.087	2514	2519	2524	rVB	22663	27622	1.28%	0.214%
14	18.322	2553	2559	2563	rBV	17220	26089	1.21%	0.202%
15	18.375	2563	2568	2574	rVB2	24883	39550	1.84%	0.306%
16	18.522	2586	2593	2596	rBV3	26067	49082	2.28%	0.380%
17	19.227	2708	2713	2720	rBV3	18941	43230	2.01%	0.335%
18	19.380	2733	2739	2746	rVB4	14356	26675	1.24%	0.206%
19	19.497	2752	2759	2766	rBV	226633	325503	15.12%	2.519%
20	19.826	2809	2815	2817	rBV2	37010	54810	2.55%	0.424%
21	19.862	2817	2821	2828	rVV	188751	274432	12.75%	2.124%
22	19.926	2828	2832	2838	rVB2	15426	25354	1.18%	0.196%
23	20.050	2847	2853	2859	rBV	1593977	2152543	100.00%	16.657%
24	20.185	2869	2876	2883	rBV4	19218	50590	2.35%	0.391%
25	20.349	2901	2904	2911	rVB	34735	47972	2.23%	0.371%
26	20.449	2916	2921	2924	rBV	23341	31960	1.48%	0.247%
27	20.508	2924	2931	2935	rVB2	23795	46602	2.16%	0.361%
28	21.113	3029	3034	3043	rVB	23690	38565	1.79%	0.298%
29	21.295	3061	3065	3068	rBV3	15300	26390	1.23%	0.204%
30	21.336	3068	3072	3077	rVV2	49465	91072	4.23%	0.705%
31	21.395	3079	3082	3087	rVV2	24248	45343	2.11%	0.351%
32	21.454	3088	3092	3100	rVB2	20709	41913	1.95%	0.324%
33	21.583	3108	3114	3121	rVB2	19248	34111	1.58%	0.264%
34	21.724	3129	3138	3143	rBV3	439693	908777	42.22%	7.032%
35	21.771	3143	3146	3159	rVB	104136	177165	8.23%	1.371%
36	22.147	3205	3210	3215	rVB4	13969	28628	1.33%	0.222%

LSC Area Percent Report

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Start Thrs: 0.2 Max Peaks: 100
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Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	22.464	3256	3264	3270	rBV	23078	53082	2.47%	0.411%
38	22.541	3274	3277	3284	rVB	14638	25847	1.20%	0.200%
39	23.980	3513	3522	3540	rBV2	79646	383046	17.80%	2.964%
40	24.245	3560	3567	3574	rVB2	17888	46034	2.14%	0.356%
41	24.721	3640	3648	3661	rVB2	48243	151671	7.05%	1.174%
42	24.873	3664	3674	3687	rBV	67756	202406	9.40%	1.566%
43	25.026	3687	3700	3711	rBV2	235857	756120	35.13%	5.851%
44	26.143	3882	3890	3901	rVB4	22391	73281	3.40%	0.567%
45	28.839	4339	4349	4367	rVB3	30800	149168	6.93%	1.154%
46	30.044	4542	4554	4566	rVB2	21694	98701	4.59%	0.764%

Sum of corrected areas: 12922569

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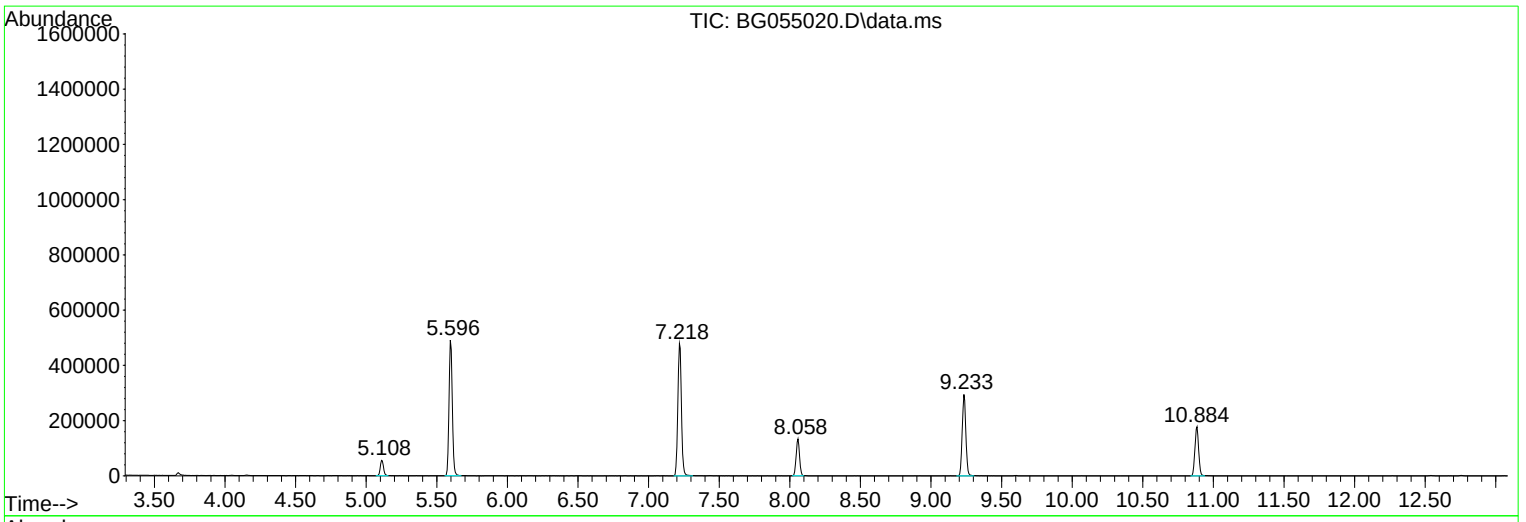
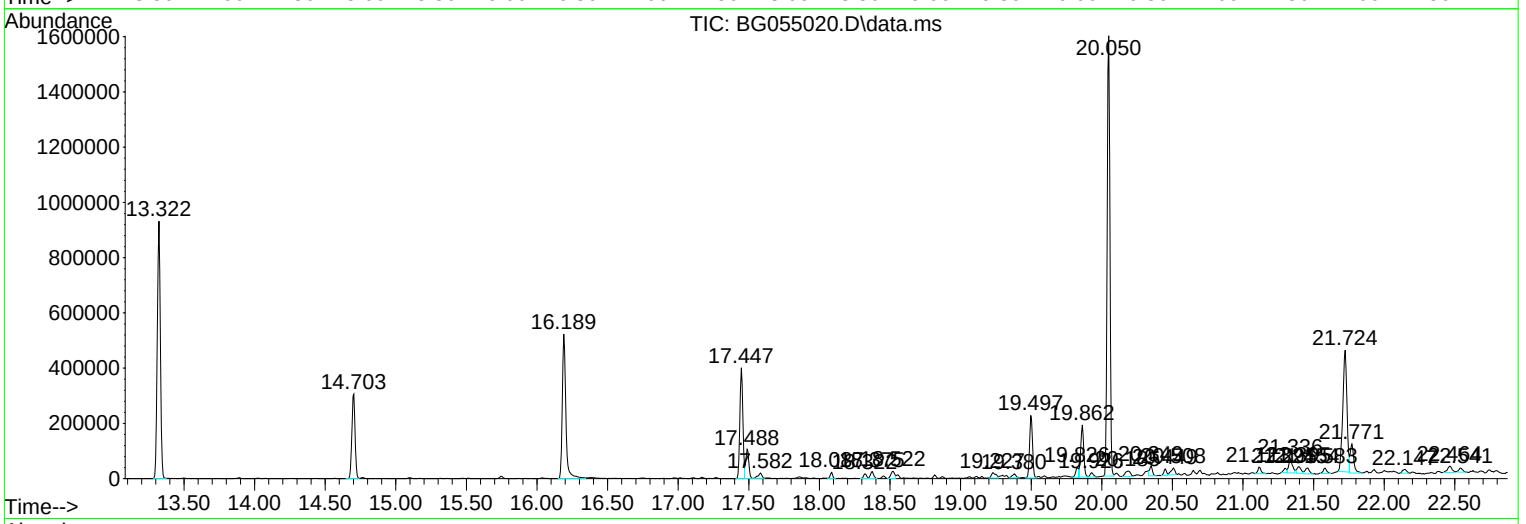
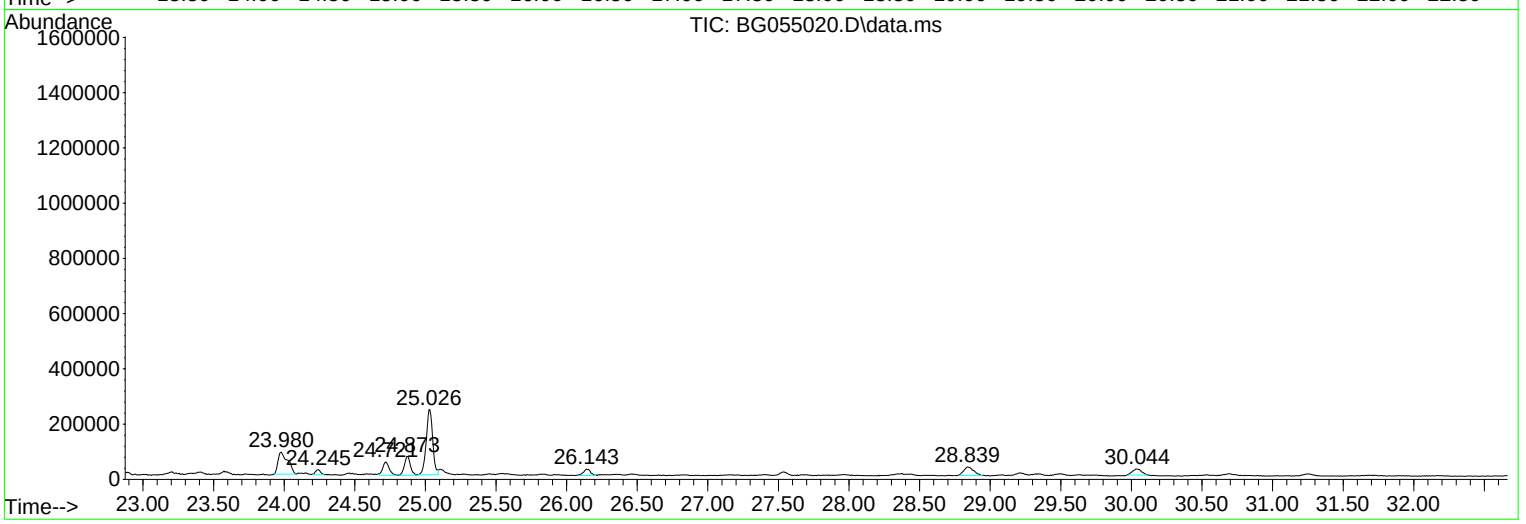
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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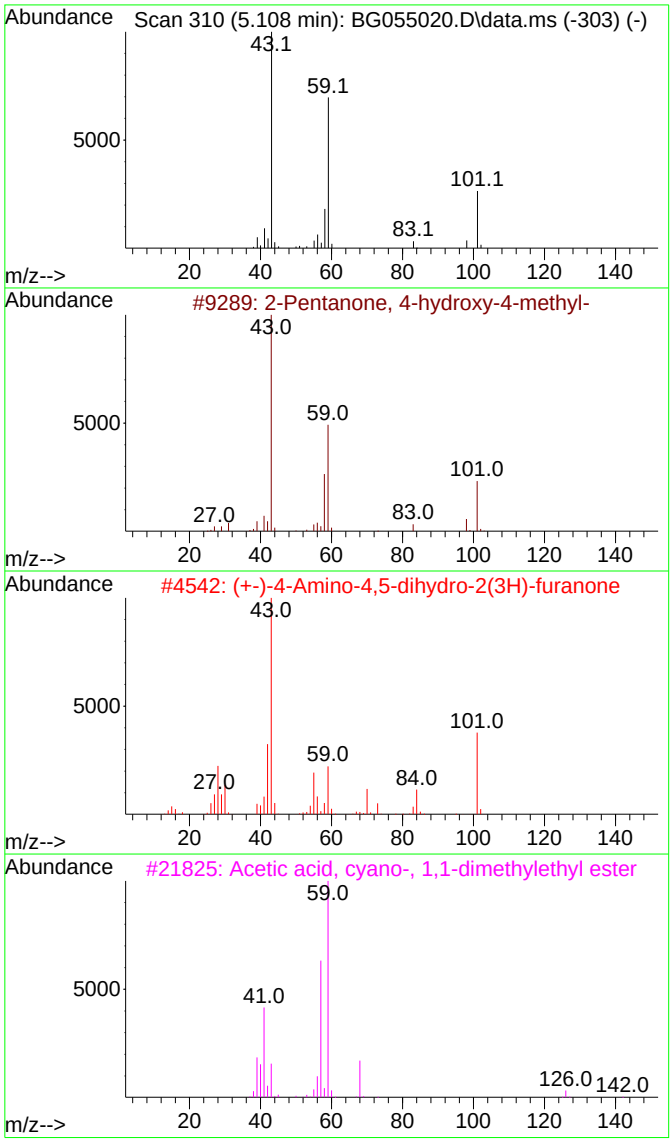
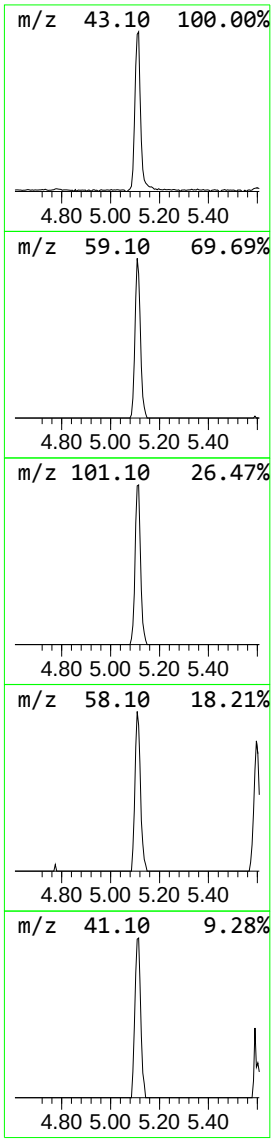
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.108	8.12 ng	90419	1,4-Dichlorobenzene-d4	8.058

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	43
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Misc :
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Instrument :
BNA_G
ClientSampleId :
PE-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

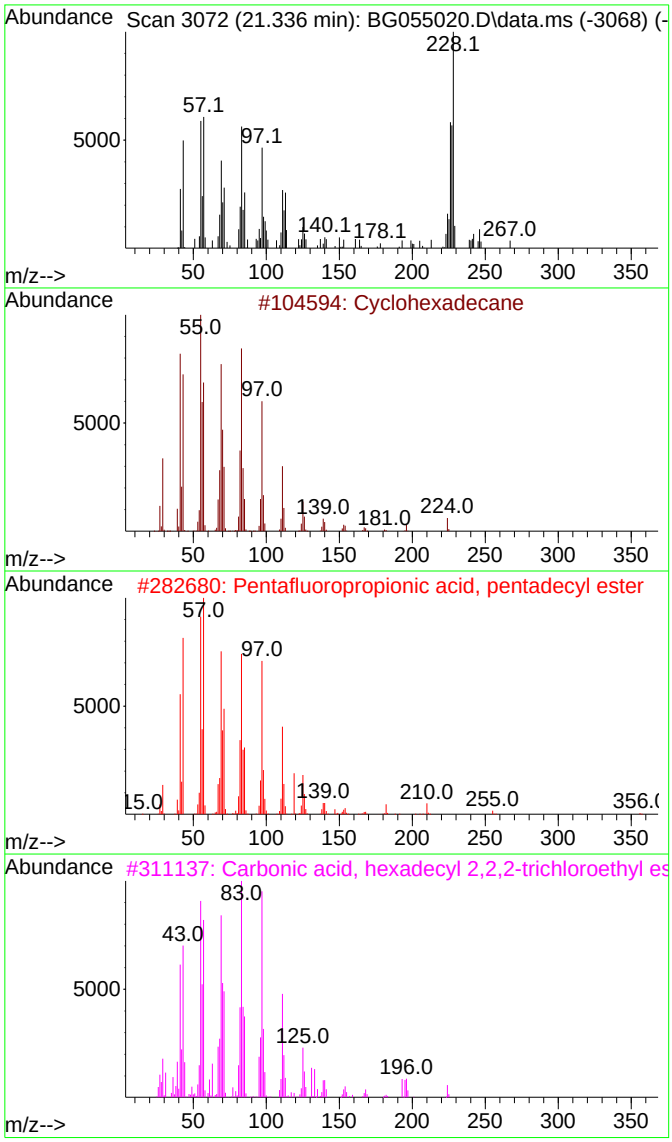
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

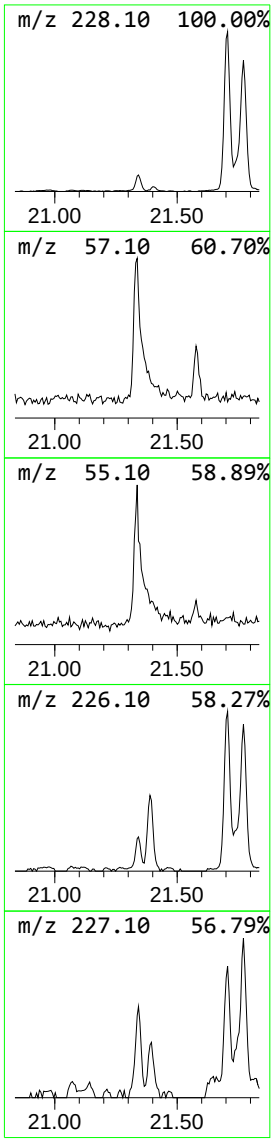
****

Peak Number 2 Cyclohexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.336	2.00 ng	91072	Chrysene-d12	21.724

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	53
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	38
3	Carbonic acid, hexadecyl 2,2,2-t...	416	C19H35Cl3O3	1000314-56-2	38
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	30
5	1-Heneicosanol	312	C21H44O	015594-90-8	30





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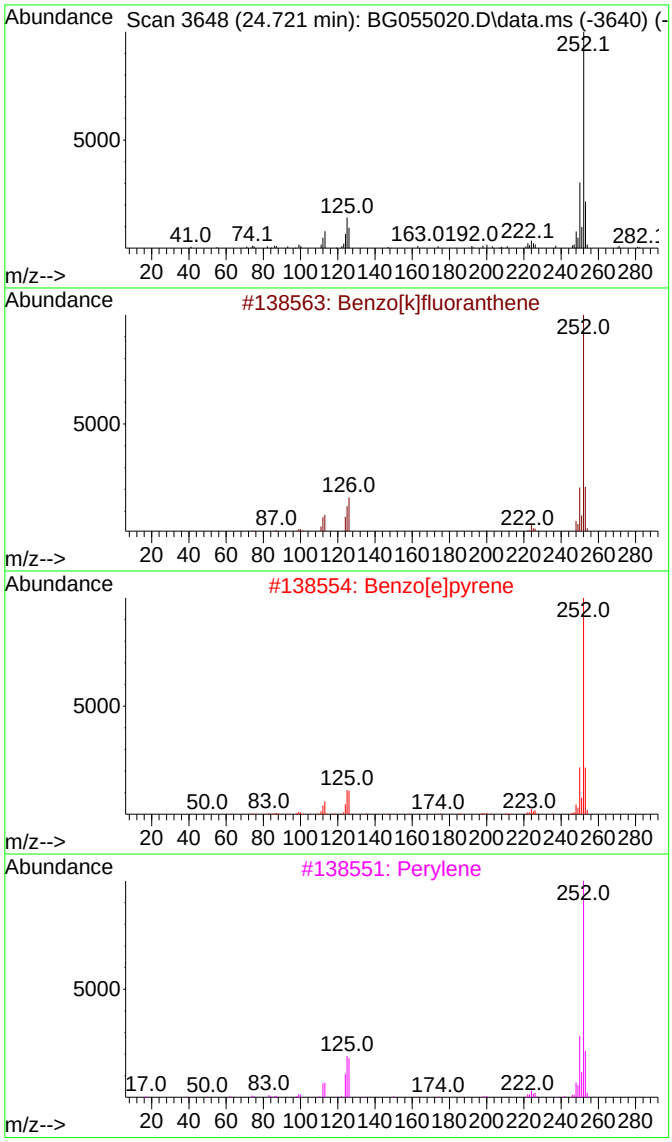
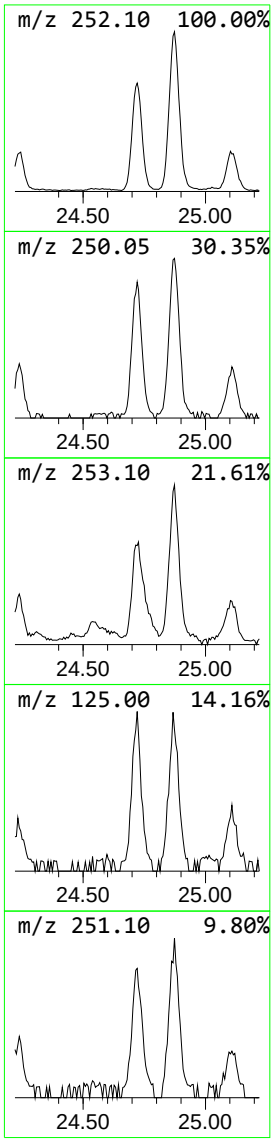
****

Peak Number 3 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.721	4.01 ng	151671	Perylene-d12	25.032

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
2	Benzo[e]pyrene	252	C20H12	000192-97-2	97
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.108	8.1	ng	90419	1	8.058	222744	20.0
Cyclohexadecane	21.336	2.0	ng	91072	5	21.724	908777	20.0
Benzo[e]pyrene	24.721	4.0	ng	151671	6	25.032	756120	20.0