LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG022262.D
Acq On : 9 Jun 2016 10:35
Operator : UM/SJ
Sample : H3402-09 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-43

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:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.981	19	24	44	rVB	988787	1604767	100.00%	11.403%
2	5.184	392	399	406	rBV2	13954	27392	1.71%	0.195%
3	5.666	474	481	494	rBV	245471	476690	29.70%	3.387%
4	7.276	747	755	767	rBV	286421	554691	34.57%	3.941%
5	7.646	810	818	834	rBV	312005	605627	37.74%	4.303%
6	8.116	889	898	908	rBV	122135	235748	14.69%	1.675%
7	8.439	944	953	964	rBV	229281	453188	28.24%	3.220%
8	9.285	1089	1097	1107	rBV	158308	330877	20.62%	2.351%
9	10.936	1370	1378	1394	rBV	206659	425528	26.52%	3.024%
10	13.369	1784	1792	1801	rBV	551403	977181	60.89%	6.943%
11	14.186	1925	1931	1937	rBV	130754	198727	12.38%	1.412%
12	14.744	2019	2026	2033	rBV2	341331	607037	37.83%	4.313%
13	14.808	2033	2037	2046	rVB	23952	41846	2.61%	0.297%
14	15.143	2087	2094	2102	rBV3	7785	16062	1.00%	0.114%
15	15.790	2198	2204	2212	rVB2	18163	32890	2.05%	0.234%
16	16.230	2272	2279	2290	rBV	354504	608048	37.89%	4.321%
17	16.424	2307	2312	2324	rVB	9238	24993	1.56%	0.178%
18	17.211	2441	2446	2452	rBV5	16690	30282	1.89%	0.215%
19	17.311	2459	2463	2469	rVB	10523	16194	1.01%	0.115%
20	17.488	2485	2493	2497	rBV	372893	646076	40.26%	4.591%
21	17.529	2497	2500	2508	rVV	226780	378629	23.59%	2.690%
22	17.623	2510	2516	2523	rVV	51646	97557	6.08%	0.693%
23	17.899	2556	2563	2568	rBV3	10599	27229	1.70%	0.193%
24	17.946	2568	2571	2576	rVB3	13484	19654	1.22%	0.140%
25	18.357	2635	2641	2646	rBV	24682	45503	2.84%	0.323%
26	18.410	2646	2650	2656	rVB2	33901	55515	3.46%	0.394%
27	18.486	2658	2663	2668	rVB3	14149	22172	1.38%	0.158%
28	18.557	2668	2675	2679	rBV3	43228	92432	5.76%	0.657%
29	18.857	2721	2726	2729	rVV2	18083	30170	1.88%	0.214%
30	18.904	2729	2734	2737	rVV5	11870	21431	1.34%	0.152%
31	19.086	2758	2765	2771	rBV8	13899	30310	1.89%	0.215%
32	19.262	2791	2795	2801	rBV2	22736	45645	2.84%	0.324%
33	19.415	2815	2821	2826	rBV3	15779	31958	1.99%	0.227%
34	19.532	2835	2841	2847	rBV	366582	563576	35.12%	4.005%

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Misc :
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Instrument : BNA_G
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.896	2892	2903	2911	rBV	326184	613099	38.20%	4.356%
36	19.961	2911	2914	2921	rVB5	17343	29097	1.81%	0.207%
37	20.079	2928	2934	2940	rBV	750563	1118060	69.67%	7.945%
38	20.378	2976	2985	2991	rVB2	43720	96253	6.00%	0.684%
39	20.484	2998	3003	3006	rBV3	31139	49392	3.08%	0.351%
40	20.543	3006	3013	3016	rVV3	30234	53341	3.32%	0.379%
41	20.684	3032	3037	3040	rBV2	21414	36337	2.26%	0.258%
42	20.719	3041	3043	3047	rVV3	15622	22956	1.43%	0.163%
43	21.148	3113	3116	3124	rVB2	23225	46455	2.89%	0.330%
44	21.336	3145	3148	3151	rBV2	15442	19667	1.23%	0.140%
45	21.377	3152	3155	3159	rVB3	22591	33713	2.10%	0.240%
46	21.436	3161	3165	3169	rVB4	20682	29350	1.83%	0.209%
47	21.759	3212	3220	3226	rBV2	402045	948597	59.11%	6.740%
48	21.812	3226	3229	3239	rVB	127326	233285	14.54%	1.658%
49	21.965	3251	3255	3262	rVB2	25743	50840	3.17%	0.361%
50	24.015	3595	3604	3610	rBV3	91652	319805	19.93%	2.272%
51	24.750	3724	3729	3738	rVB2	47056	126464	7.88%	0.899%
52	24.902	3748	3755	3768	rVB2	75388	234195	14.59%	1.664%
53	25.055	3770	3781	3793	rBV2	175444	636819	39.68%	4.525%

Sum of corrected areas: 14073350

LSC Report - Integrated Chromatogram

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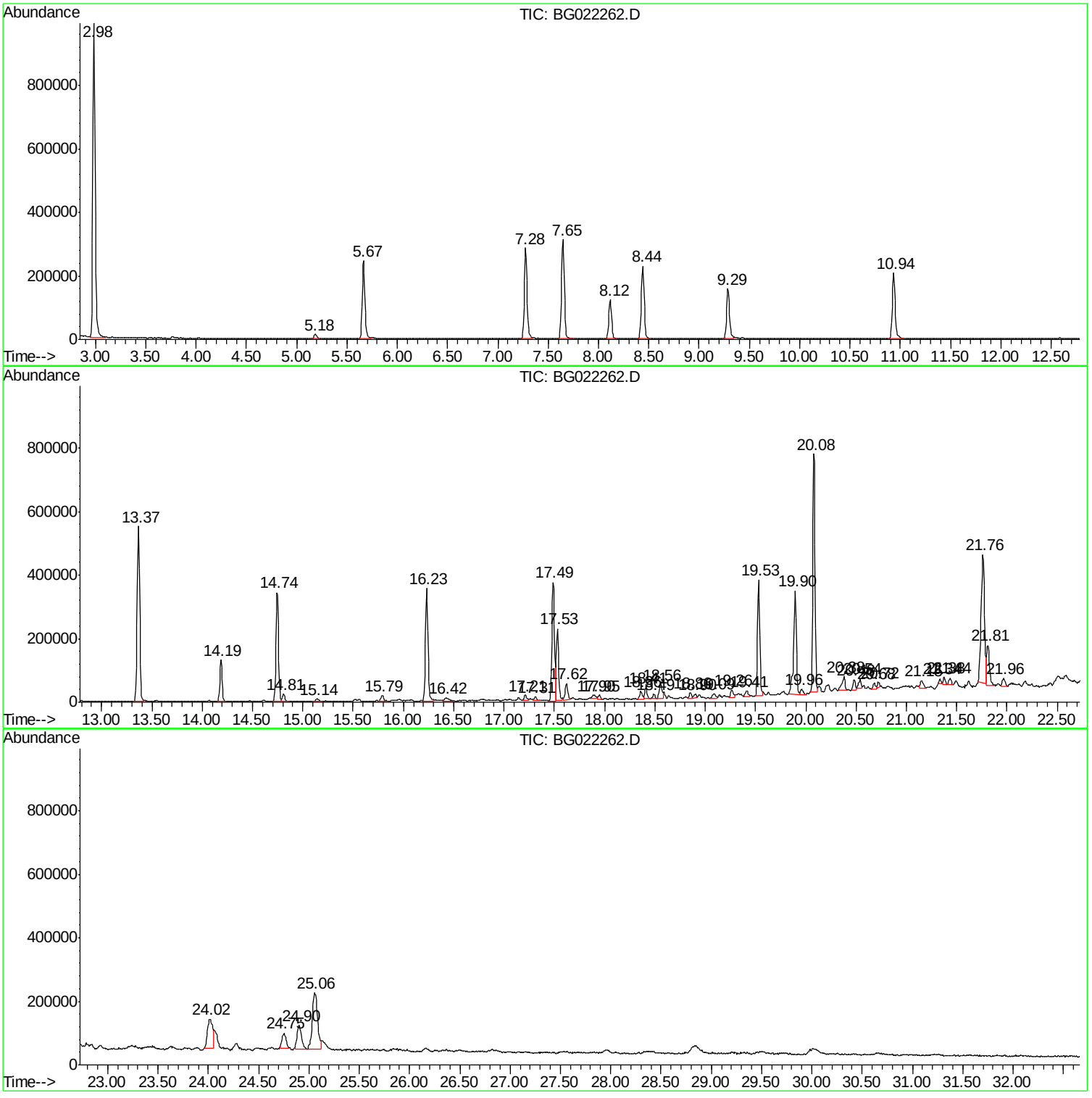
Sample : H3402-09 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-43

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Data File : BG022262.D
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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-43

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

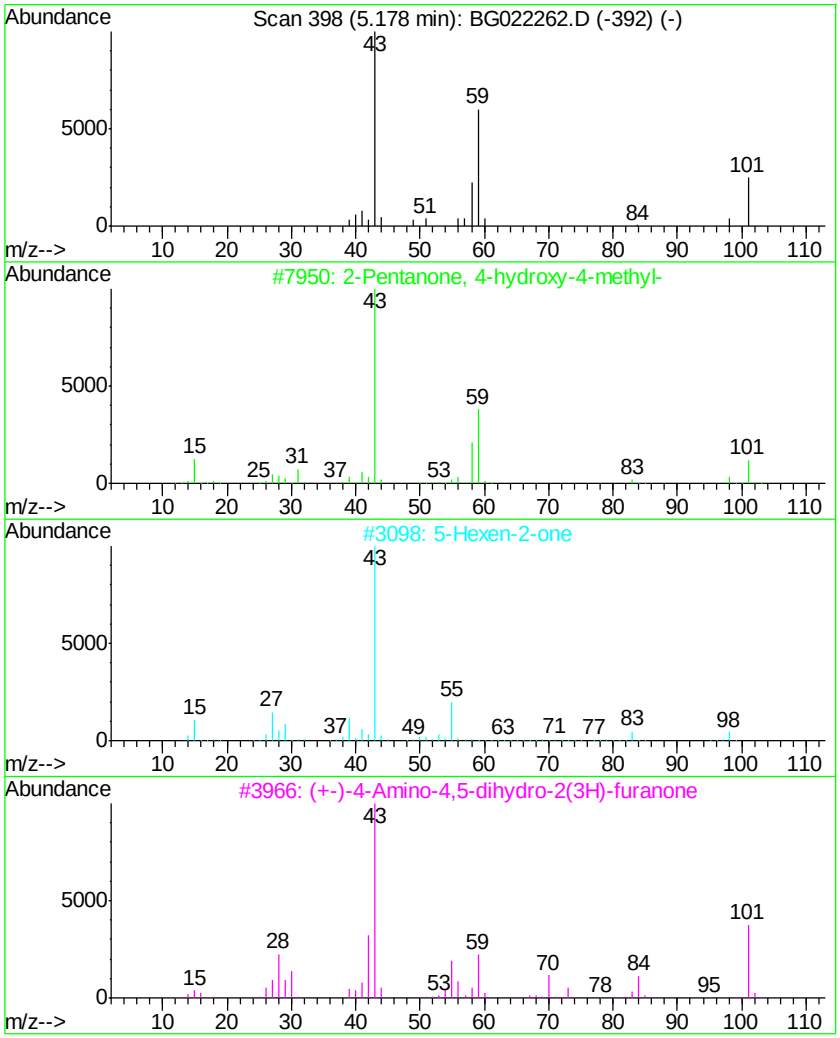
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

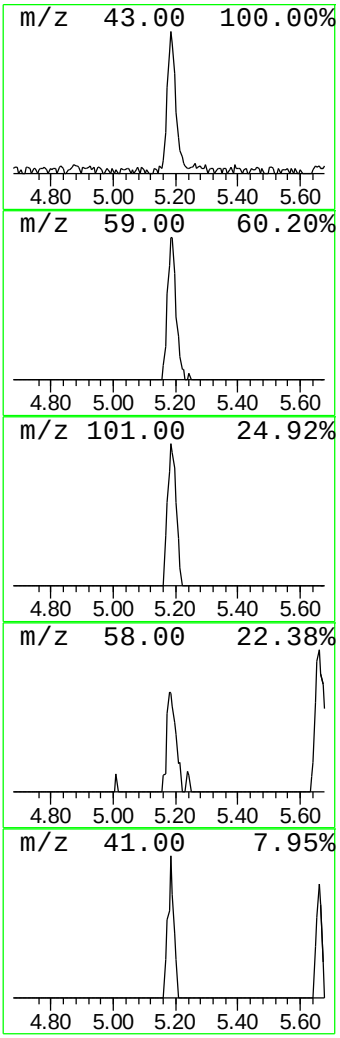
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	2.32 ng	27392	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	9





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Instrument : BNA_G
ClientSampleId : SS-43

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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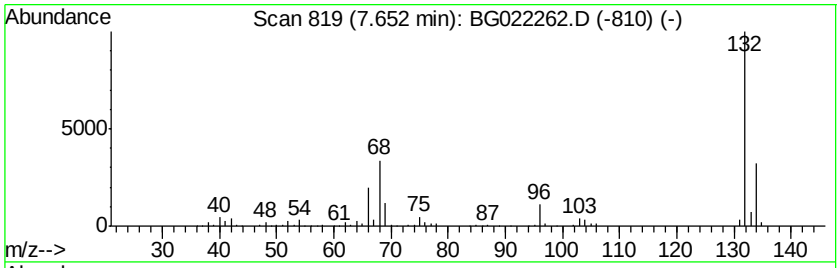
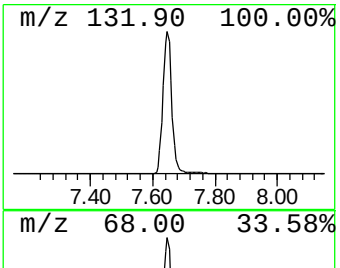
Peak Number 3 unknown7.65 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	51.38 ng	605627	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
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TIC Library : C:\DATABASE\NIST02.L
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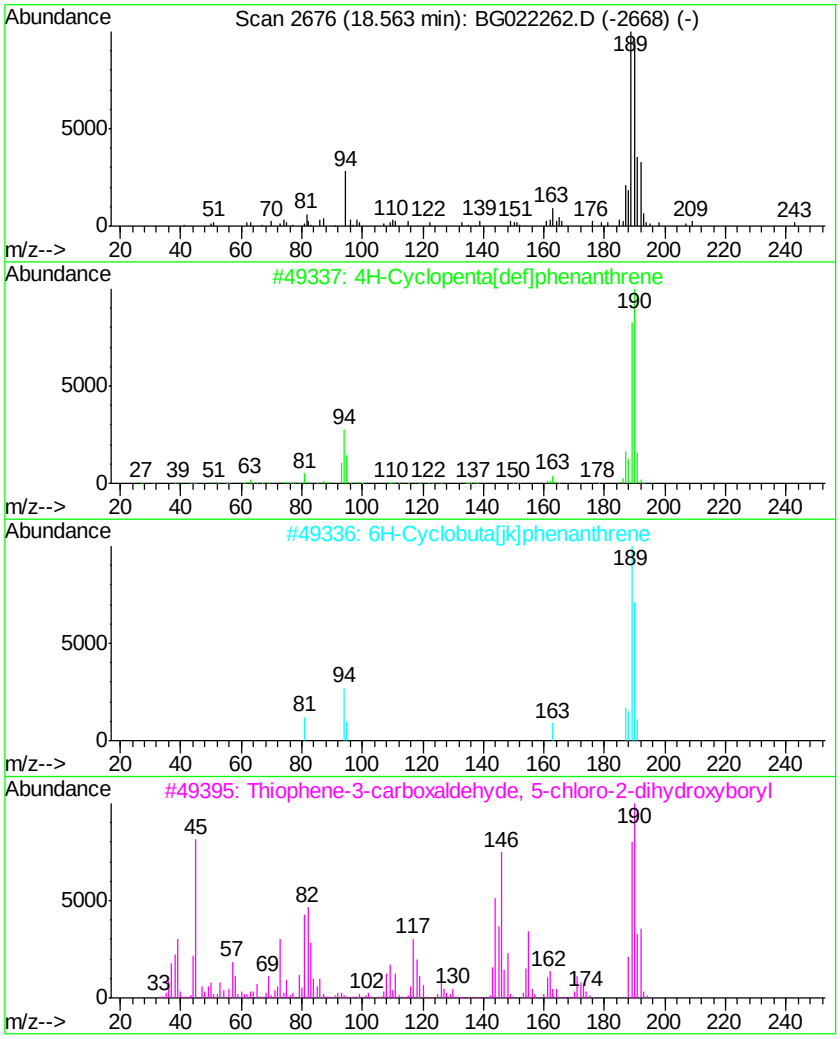
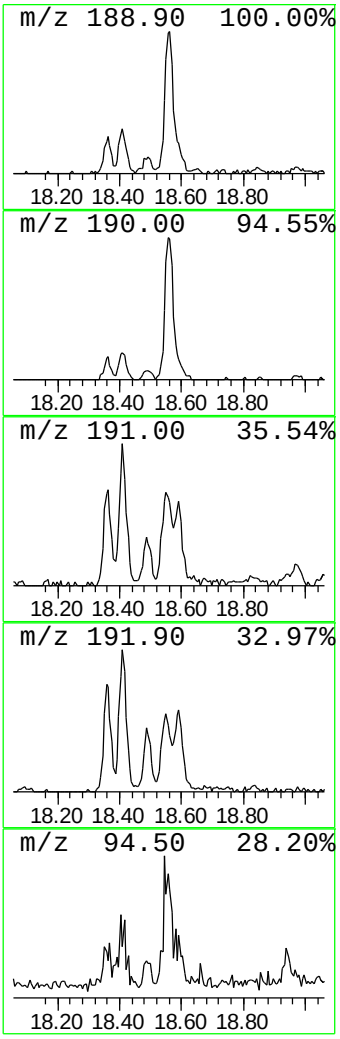
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	2.86 ng	92432	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	10





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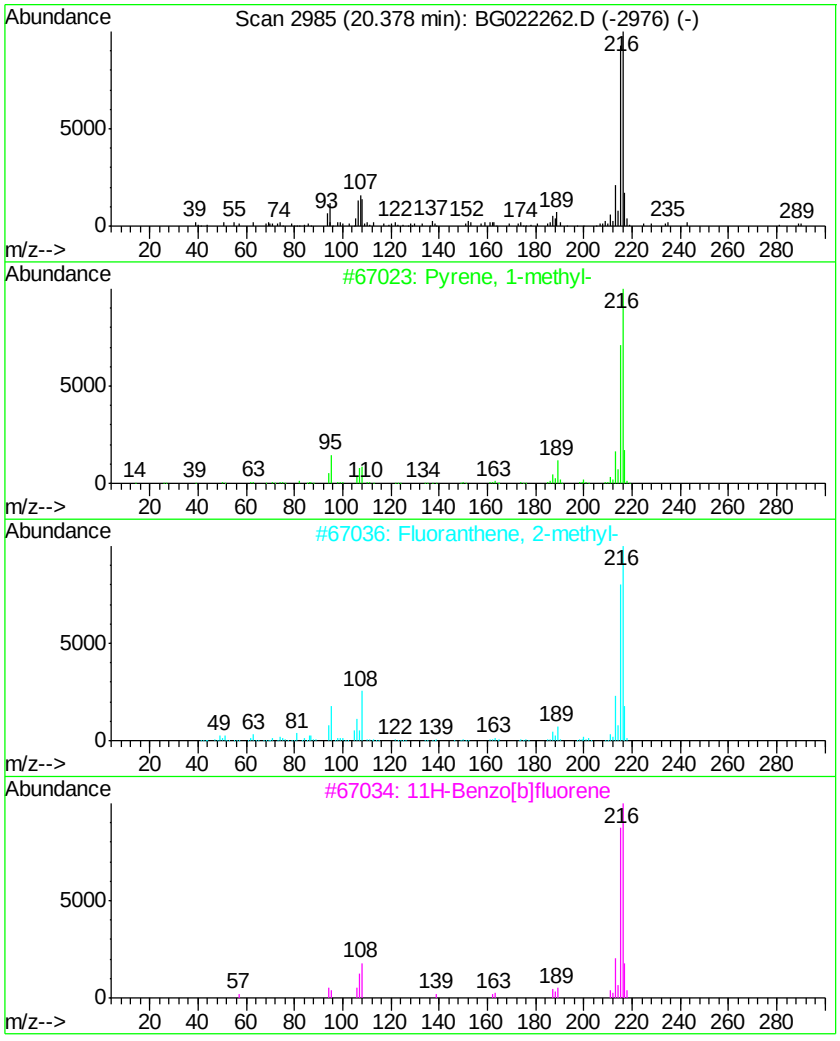
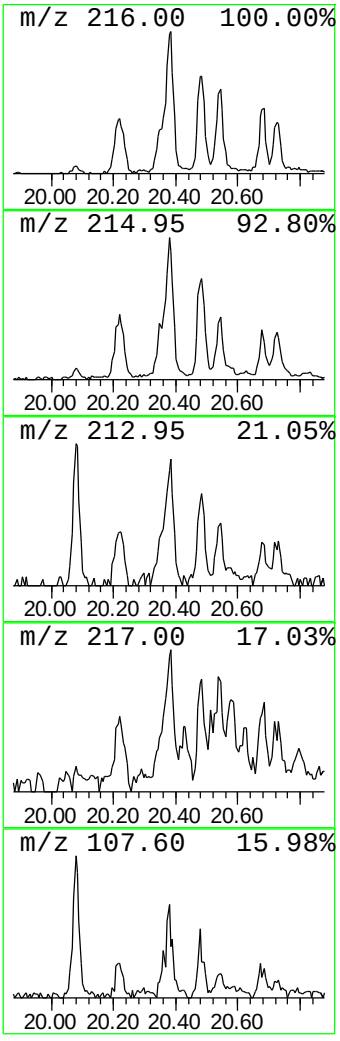
****

Peak Number 6 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.38	2.03 ng	96253	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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-hy...	5.18	2.3	ng	27392	1	8.12	235748	20.0
unknown7.65	7.65	51.4	ng	605627	1	8.12	235748	20.0
4H-Cyclopenta[def...	18.56	2.9	ng	92432	4	17.49	646076	20.0
Pyrene, 1-methyl-	20.38	2.0	ng	96253	5	21.76	948597	20.0