LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
Data File : BG044510.D
Acq On : 20 Feb 2020 4:35
Operator : CG/JU
Sample : L1547-23
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MARCY-GREEN-BH-04-B

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-BG013020.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	4.992	317	324	332	rBV2	24667	41757	1.39%	0.152%
2	5.474	398	406	416	rBV	826048	1405347	46.70%	5.132%
3	7.066	669	677	695	rBV	851730	1514268	50.32%	5.530%
4	7.889	809	817	825	rBV	234108	400937	13.32%	1.464%
5	8.212	864	872	882	rBV	709662	1246393	41.42%	4.552%
6	9.046	1006	1014	1027	rBV	514564	973458	32.35%	3.555%
7	10.691	1286	1294	1310	rBV	313256	579639	19.26%	2.117%
8	13.153	1706	1713	1724	rBV	1362961	2144068	71.24%	7.830%
9	13.982	1847	1854	1860	rBV	72481	113657	3.78%	0.415%
10	14.528	1941	1947	1954	rBV	488071	804840	26.74%	2.939%
11	14.593	1954	1958	1967	rVB2	18359	31935	1.06%	0.117%
12	16.020	2194	2201	2227	rBV	1059260	1762306	58.56%	6.436%
13	17.272	2408	2414	2418	rBV	599100	949935	31.56%	3.469%
14	17.319	2418	2422	2428	rVV	337096	516606	17.17%	1.887%
15	17.407	2432	2437	2444	rVB	100962	157163	5.22%	0.574%
16	17.683	2473	2484	2488	rBV2	19879	45861	1.52%	0.167%
17	18.153	2556	2564	2568	rBV	56397	92278	3.07%	0.337%
18	18.200	2568	2572	2579	rVV	78909	121184	4.03%	0.443%
19	18.282	2581	2586	2591	rVV	39915	60663	2.02%	0.222%
20	18.347	2591	2597	2601	rVV2	102329	199197	6.62%	0.727%
21	18.382	2601	2603	2608	rVB2	42729	55303	1.84%	0.202%
22	18.470	2613	2618	2626	rBV10	14357	32189	1.07%	0.118%
23	18.647	2644	2648	2652	rBV	47983	66419	2.21%	0.243%
24	18.688	2652	2655	2660	rVB4	22870	33467	1.11%	0.122%
25	19.064	2714	2719	2724	rBV	43116	81351	2.70%	0.297%
26	19.205	2738	2743	2751	rBV3	38512	70517	2.34%	0.258%
27	19.328	2758	2764	2770	rBV	973343	1351933	44.92%	4.937%
28	19.575	2801	2806	2809	rBV	28145	41594	1.38%	0.152%
29	19.692	2815	2826	2834	rBV	819366	1494200	49.65%	5.457%
30	19.763	2834	2838	2845	rVB2	37705	73510	2.44%	0.268%
31	19.892	2852	2860	2865	rBV	2273867	3009482	100.00%	10.990%
32	19.928	2865	2866	2871	rVB	48450	50590	1.68%	0.185%
33	20.016	2875	2881	2888	rBV3	56082	145898	4.85%	0.533%
34	20.151	2900	2904	2905	rBV3	33534	44582	1.48%	0.163%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
Data File : BG044510.D
Acq On : 20 Feb 2020 4:35
Operator : CG/JU
Sample : L1547-23
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MARCY-GREEN-BH-04-B

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-BG013020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	20.186	2906	2910	2916	rVB2	120640	172530	5.73%	0.630%
36	20.286	2922	2927	2930	rBV	91053	124798	4.15%	0.456%
37	20.339	2931	2936	2941	rVV2	77321	149627	4.97%	0.546%
38	20.480	2957	2960	2964	rBV	36094	48397	1.61%	0.177%
39	20.527	2965	2968	2972	rVB	38960	51610	1.71%	0.188%
40	20.938	3034	3038	3044	rVB	56007	97964	3.26%	0.358%
41	21.156	3072	3075	3077	rBV	44787	52764	1.75%	0.193%
42	21.191	3077	3081	3088	rVV4	229346	434597	14.44%	1.587%
43	21.255	3089	3092	3099	rVB2	68306	112663	3.74%	0.411%
44	21.514	3129	3136	3141	rBV2	778271	1794730	59.64%	6.554%
45	21.567	3141	3145	3156	rVB	358398	635893	21.13%	2.322%
46	21.720	3166	3171	3177	rVB2	110493	184064	6.12%	0.672%
47	22.307	3266	3271	3277	rVB2	89965	164025	5.45%	0.599%
48	22.971	3381	3384	3390	rVB	94744	148074	4.92%	0.541%
49	23.635	3488	3497	3504	rBV	314509	1021641	33.95%	3.731%
50	24.317	3606	3613	3625	rVB3	182220	543779	18.07%	1.986%
51	24.452	3629	3636	3650	rVB	282748	766746	25.48%	2.800%
52	24.599	3653	3661	3670	rBV2	385137	1166239	38.75%	4.259%

Sum of corrected areas: 27382668

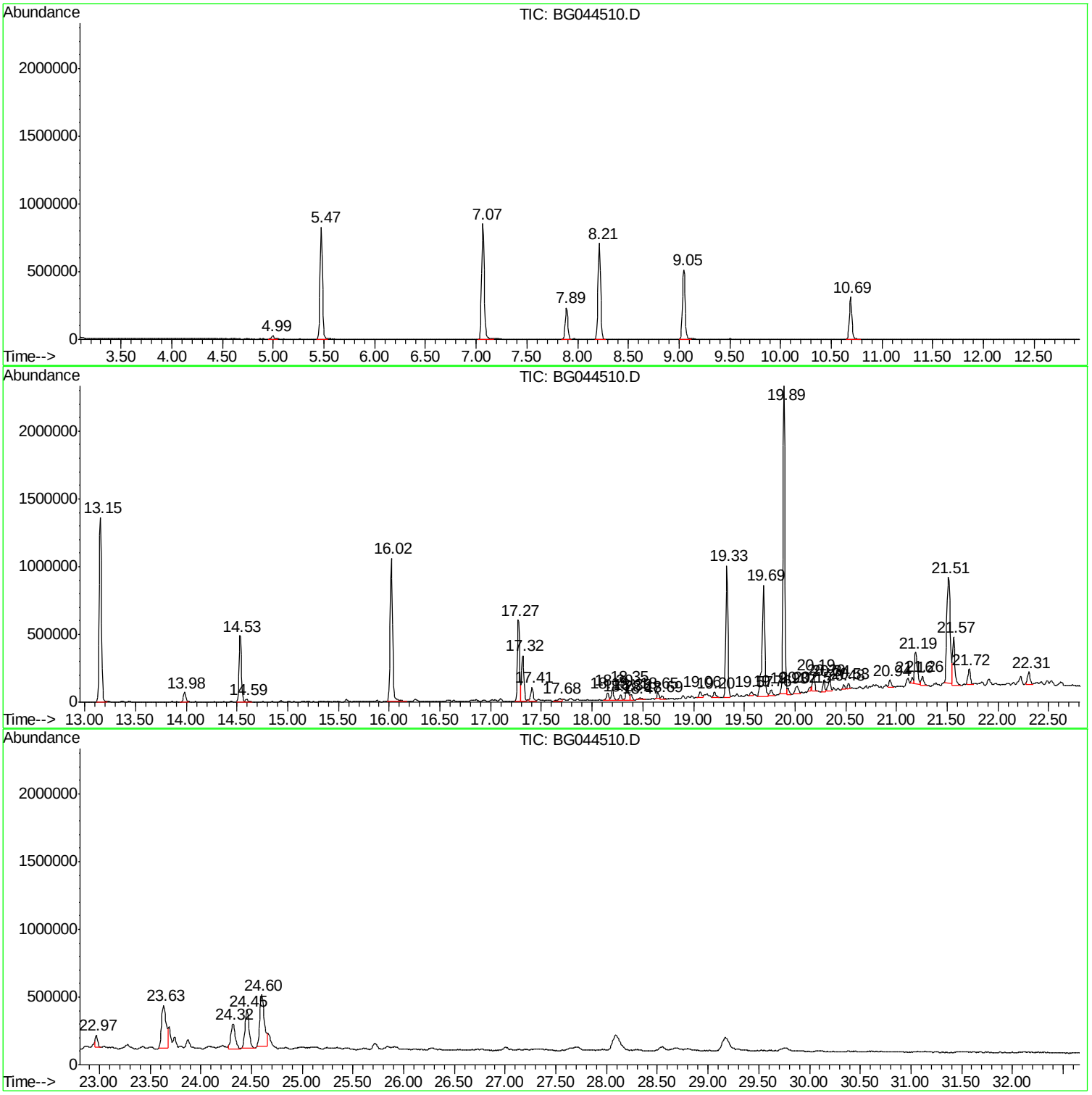
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
Data File : BG044510.D
Acq On : 20 Feb 2020 4:35
Operator : CG/JU
Sample : L1547-23
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-04-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
Data File : BG044510.D
Acq On : 20 Feb 2020 4:35
Operator : CG/JU
Sample : L1547-23
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MARCY-GREEN-BH-04-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

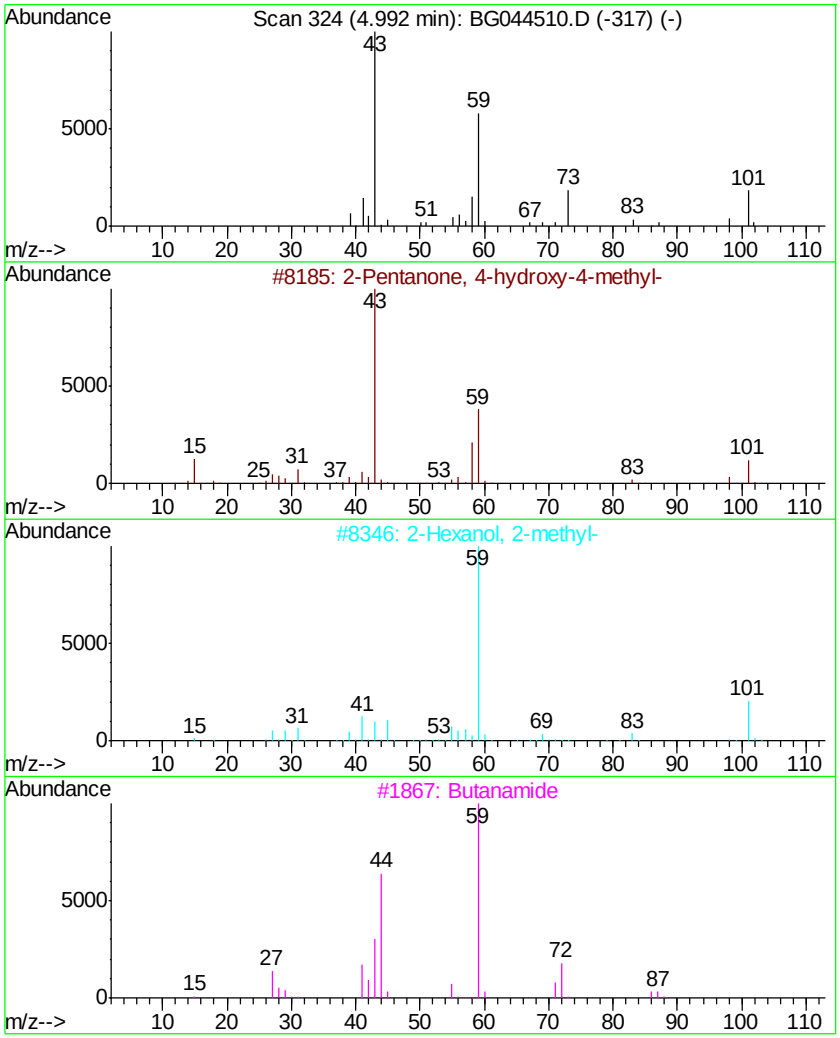
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

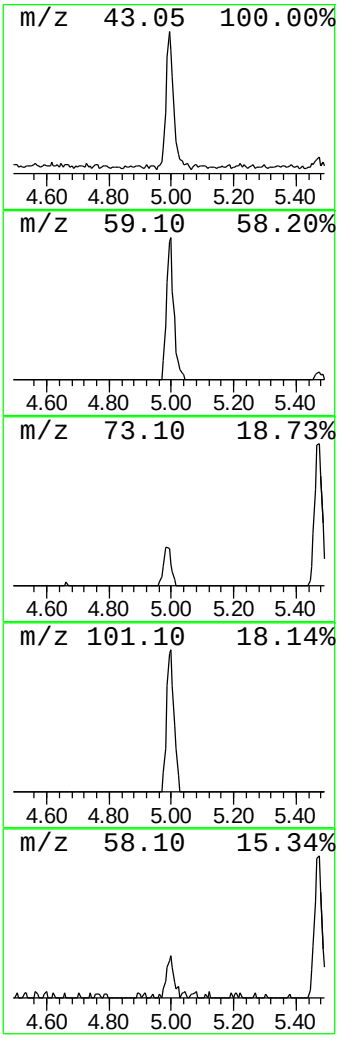
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	2.08 ng	41757	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	43
3	Butanamide	87	C4H9NO	000541-35-5	25
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	25
5	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	23





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
Data File : BG044510.D
Acq On : 20 Feb 2020 4:35
Operator : CG/JU
Sample : L1547-23
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MARCY-GREEN-BH-04-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

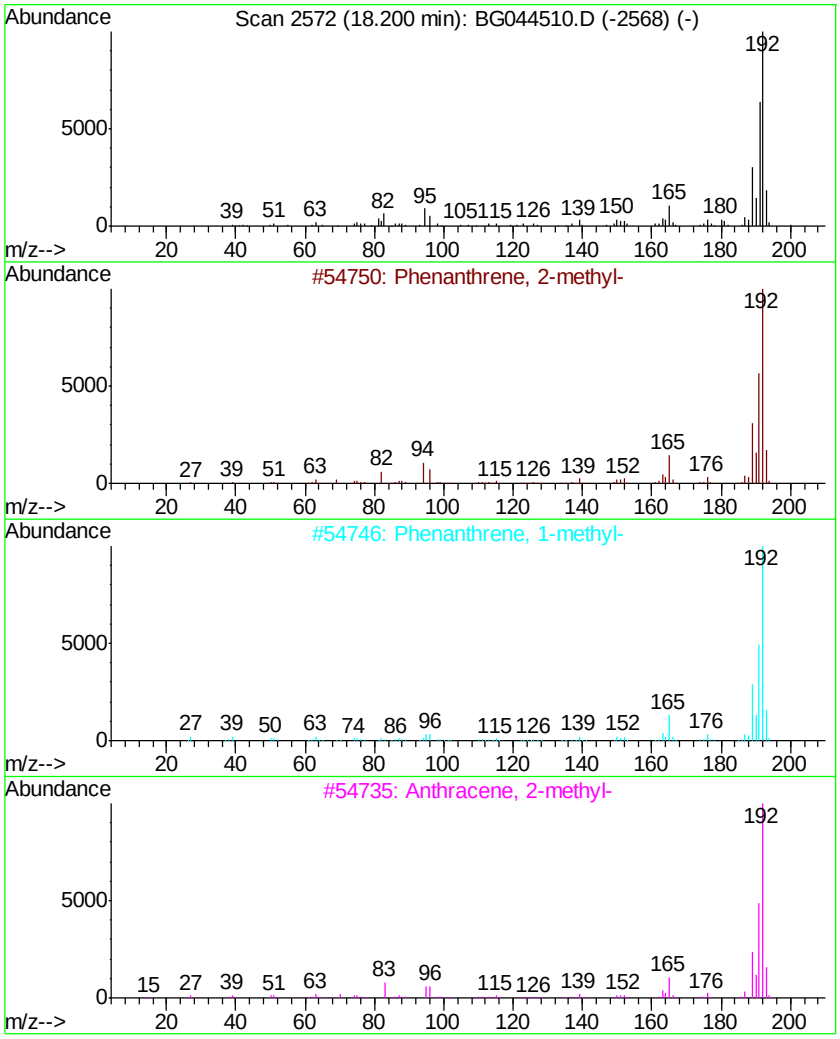
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

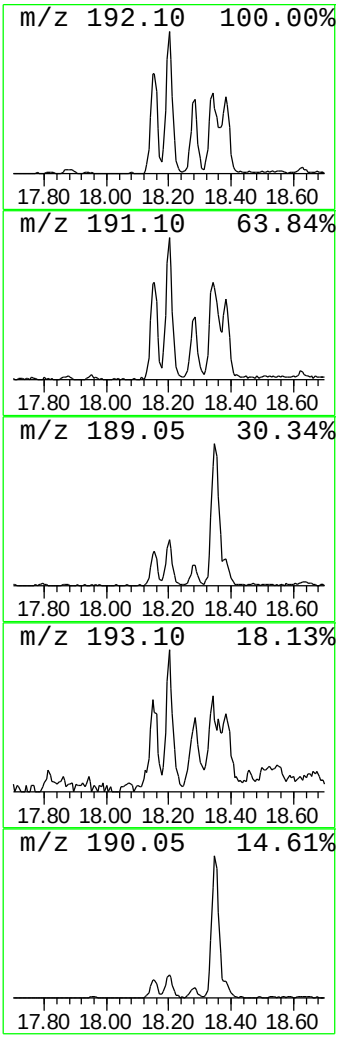
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	2.55 ng	121184	Phenanthrene-d10	17.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
Data File : BG044510.D
Acq On : 20 Feb 2020 4:35
Operator : CG/JU
Sample : L1547-23
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MARCY-GREEN-BH-04-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

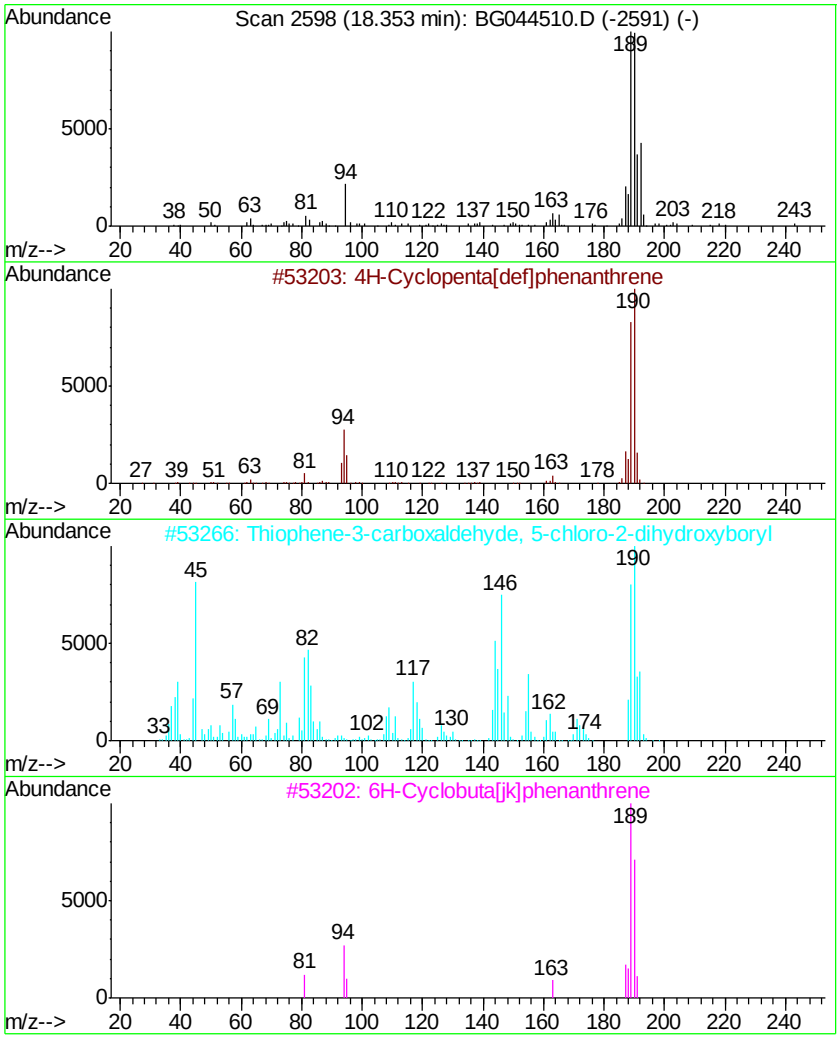
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

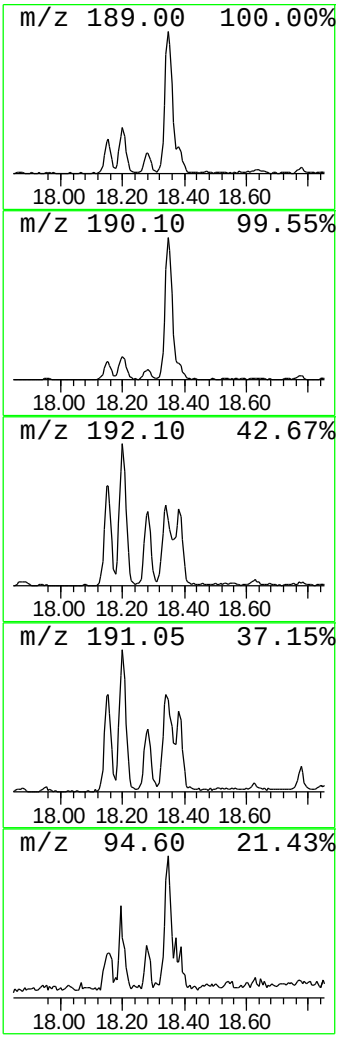
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	4.19 ng	199197	Phenanthrene-d10	17.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
4	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
Data File : BG044510.D
Acq On : 20 Feb 2020 4:35
Operator : CG/JU
Sample : L1547-23
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MARCY-GREEN-BH-04-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

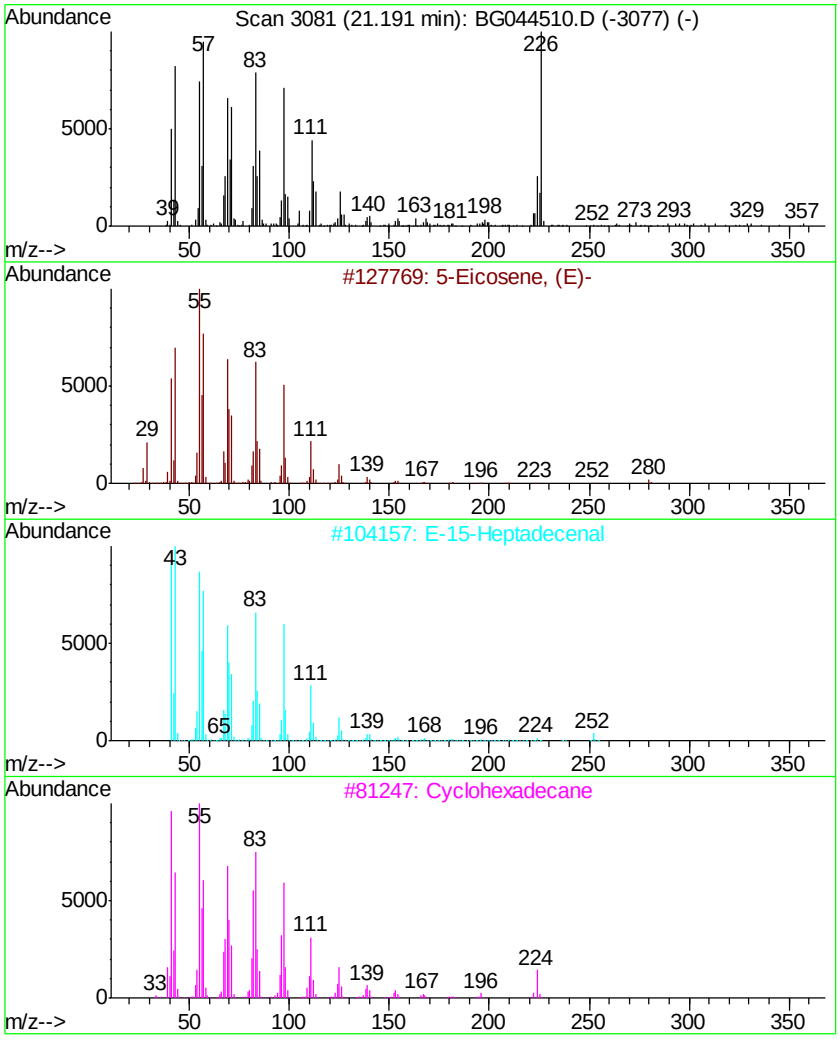
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

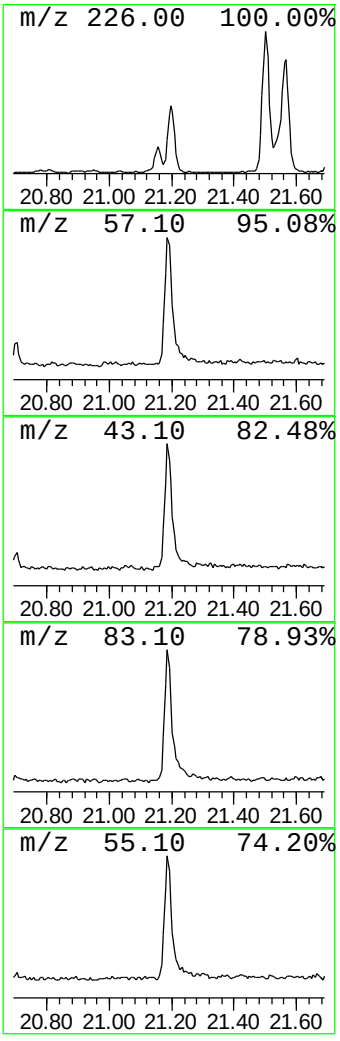
****

Peak Number 5 5-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.19	4.84 ng	434597	Chrysene-d12	21.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	89
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	87
3	Cyclohexadecane	224	C16H32	000295-65-8	78
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	70
5	1-Tricosene	322	C23H46	018835-32-0	62





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
Data File : BG044510.D
Acq On : 20 Feb 2020 4:35
Operator : CG/JU
Sample : L1547-23
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MARCY-GREEN-BH-04-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

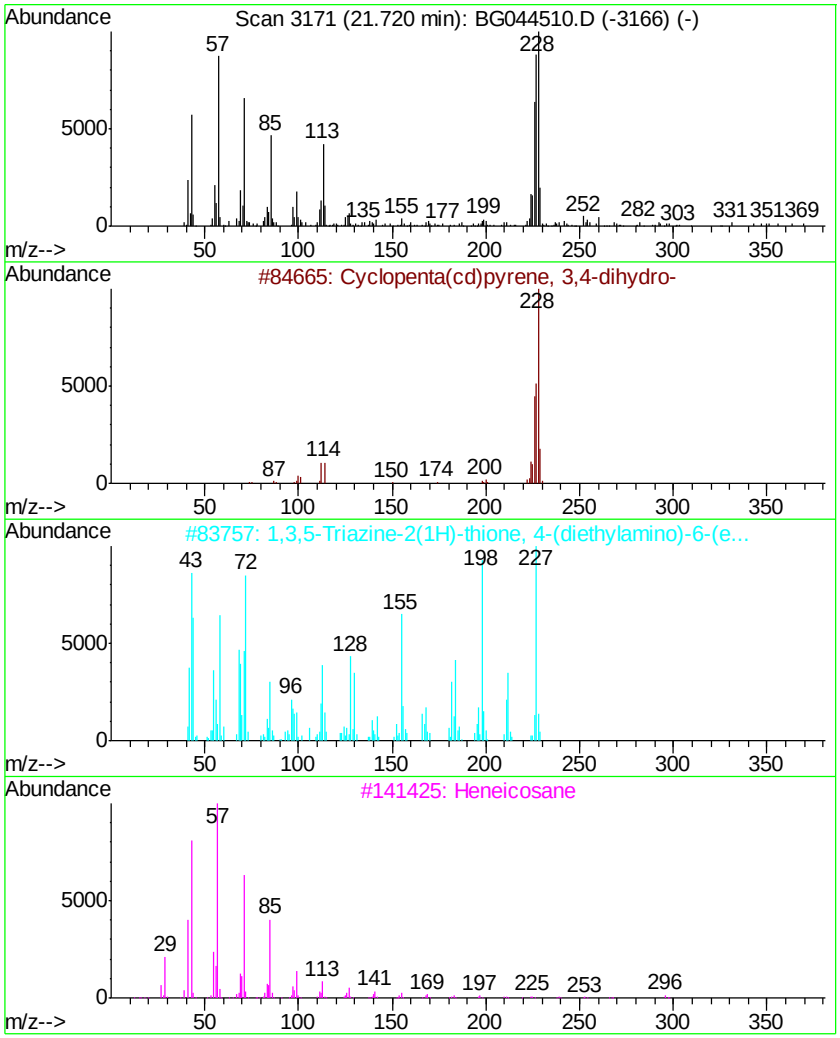
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

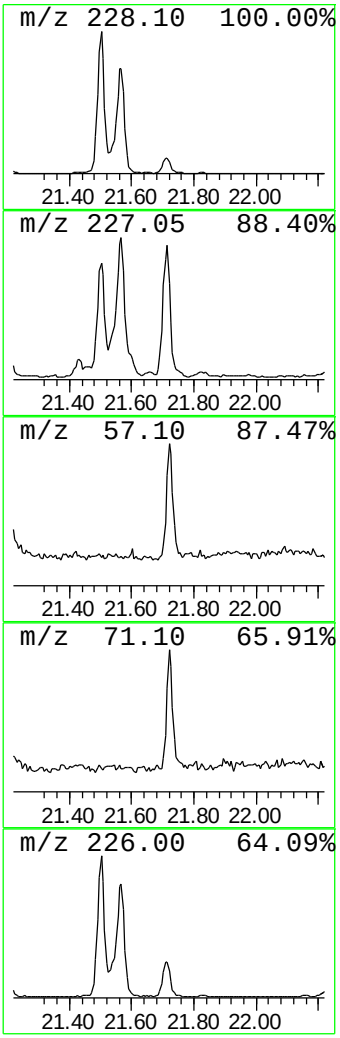
****

Peak Number 6 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.72	2.05 ng	184064	Chrysene-d12	21.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	86
2	1,3,5-Triazine-2(1H)-thione, 4-(...	227	C9H17N5S	023613-02-7	80
3	Heneicosane	296	C21H44	000629-94-7	45
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	38
5	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
Data File : BG044510.D
Acq On : 20 Feb 2020 4:35
Operator : CG/JU
Sample : L1547-23
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MARCY-GREEN-BH-04-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

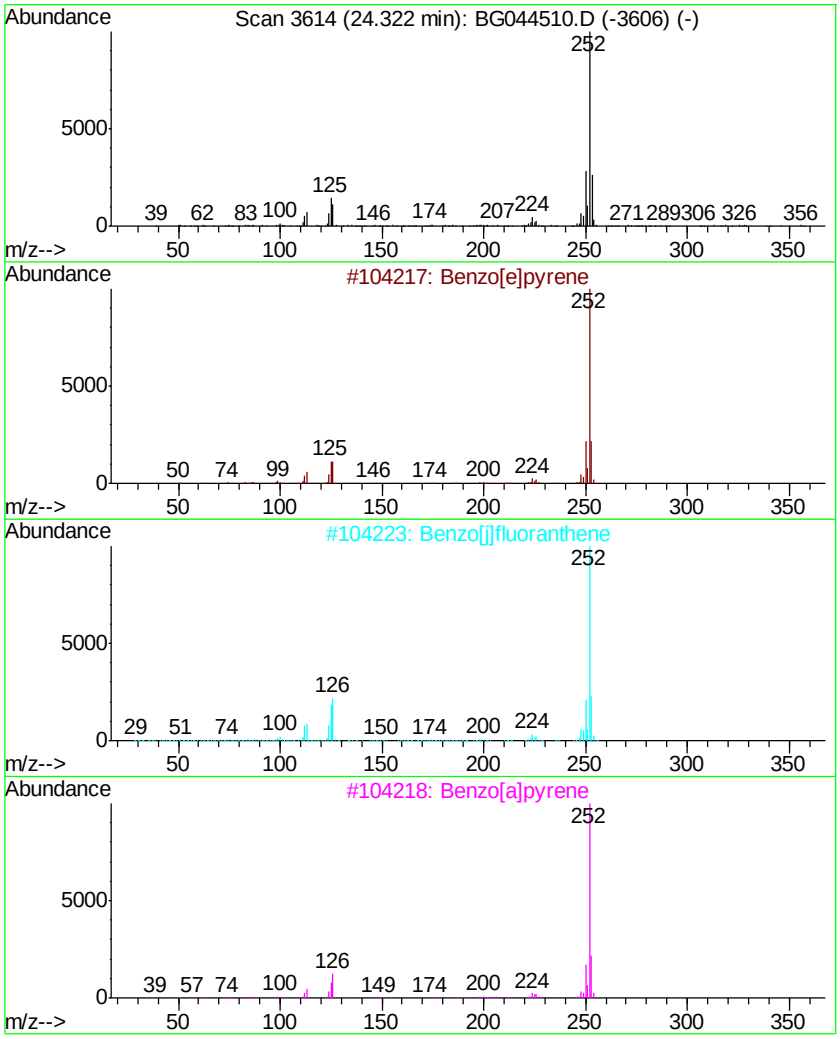
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

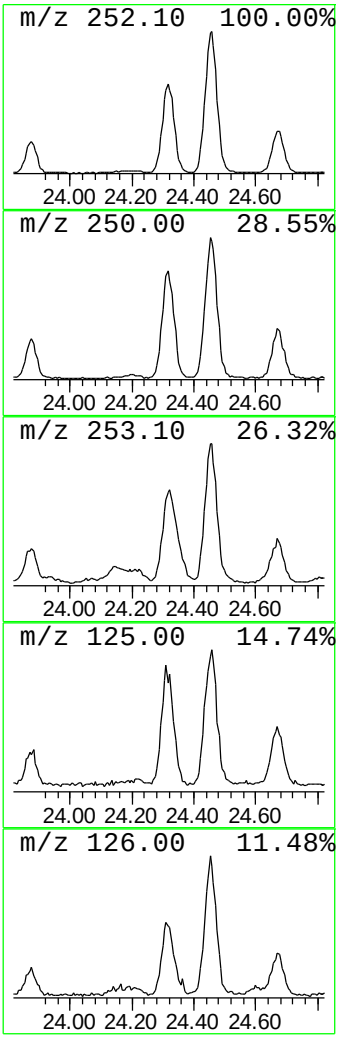
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.32	9.33 ng	543779	Perylene-d12	24.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Perylene	252	C20H12	000198-55-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021920\
Data File : BG044510.D
Acq On : 20 Feb 2020 4:35
Operator : CG/JU
Sample : L1547-23
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MARCY-GREEN-BH-04-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.99	2.1	ng	41757	1	7.89	400937	20.0
Phenanthrene, 2-m...	18.20	2.5	ng	121184	4	17.27	949935	20.0
4H-Cyclopenta[def...	18.35	4.2	ng	199197	4	17.27	949935	20.0
5-Eicosene, (E)-	21.19	4.8	ng	434597	5	21.52	1794730	20.0
Cyclopenta(cd)pyr...	21.72	2.0	ng	184064	5	21.52	1794730	20.0
Benzo[e]pyrene	24.32	9.3	ng	543779	6	24.60	1166240	20.0