LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
Data File : BG055170.D
Acq On : 13 Oct 2022 19:23
Operator : CG/JU
Sample : N5102-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-1-101122

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-BG101322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055170.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.328	3	7	27	rVB	135327	237425	27.81%	3.297%
2	5.349	345	351	357	rBV	68134	110899	12.99%	1.540%
3	5.690	405	409	413	rBV5	5685	9578	1.12%	0.133%
4	5.825	424	432	443	rVB	267713	448751	52.56%	6.231%
5	7.435	698	706	716	rBV	281882	494270	57.89%	6.863%
6	8.305	848	854	861	rVB	167907	285595	33.45%	3.965%
7	9.474	1046	1053	1061	rBV	175409	305435	35.77%	4.241%
8	10.878	1288	1292	1301	rVB3	6149	12068	1.41%	0.168%
9	11.137	1328	1336	1343	rBV	236354	410321	48.06%	5.697%
10	13.540	1738	1745	1755	rVB	484191	738793	86.53%	10.258%
11	13.716	1770	1775	1782	rBV3	5218	11120	1.30%	0.154%
12	14.233	1859	1863	1869	rBV3	7855	13464	1.58%	0.187%
13	14.345	1876	1882	1892	rBV2	10325	23631	2.77%	0.328%
14	14.638	1927	1932	1939	rBV5	6379	9754	1.14%	0.135%
15	14.914	1968	1979	1985	rBV	363365	558734	65.44%	7.758%
16	14.973	1985	1989	1994	rVB2	8746	14347	1.68%	0.199%
17	15.302	2037	2045	2052	rVB2	11010	19608	2.30%	0.272%
18	15.520	2077	2082	2088	rBV5	5323	9381	1.10%	0.130%
19	15.954	2150	2156	2164	rVB2	17604	32058	3.75%	0.445%
20	16.389	2224	2230	2238	rVB	333188	528800	61.93%	7.342%
21	16.583	2257	2263	2264	rBV2	7680	10010	1.17%	0.139%
22	16.613	2265	2268	2274	rVB7	8776	12842	1.50%	0.178%
23	17.370	2393	2397	2401	rBV4	8402	11391	1.33%	0.158%
24	17.464	2410	2413	2418	rVB2	13877	20418	2.39%	0.283%
25	17.647	2437	2444	2448	rBV	377554	602812	70.60%	8.370%
26	17.688	2448	2451	2459	rVB	98577	138247	16.19%	1.920%
27	17.782	2459	2467	2471	rBV	21801	39877	4.67%	0.554%
28	18.222	2539	2542	2548	rBV2	13660	16230	1.90%	0.225%
29	18.375	2565	2568	2572	rVB5	10324	13172	1.54%	0.183%
30	18.504	2585	2590	2595	rBV2	42589	90052	10.55%	1.250%
31	18.557	2596	2599	2605	rVB	32905	54012	6.33%	0.750%
32	18.704	2619	2624	2628	rBV4	28066	61854	7.24%	0.859%
33	18.739	2628	2630	2635	rVB3	22113	28167	3.30%	0.391%
34	18.998	2671	2674	2679	rBV	17914	29523	3.46%	0.410%
35	19.298	2721	2725	2726	rBV4	15198	20302	2.38%	0.282%
36	19.409	2741	2744	2749	rBV	27492	42957	5.03%	0.596%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
Data File : BG055170.D
Acq On : 13 Oct 2022 19:23
Operator : CG/JU
Sample : N5102-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-1-101122

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-BG101322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.674	2785	2789	2794	rBV	113113	151039	17.69%	2.097%
38	20.032	2847	2850	2856	rVB	115026	162908	19.08%	2.262%
39	20.220	2877	2882	2887	rVB	655977	853800	100.00%	11.855%
40	21.930	3168	3173	3179	rVB	341928	568486	66.58%	7.893%

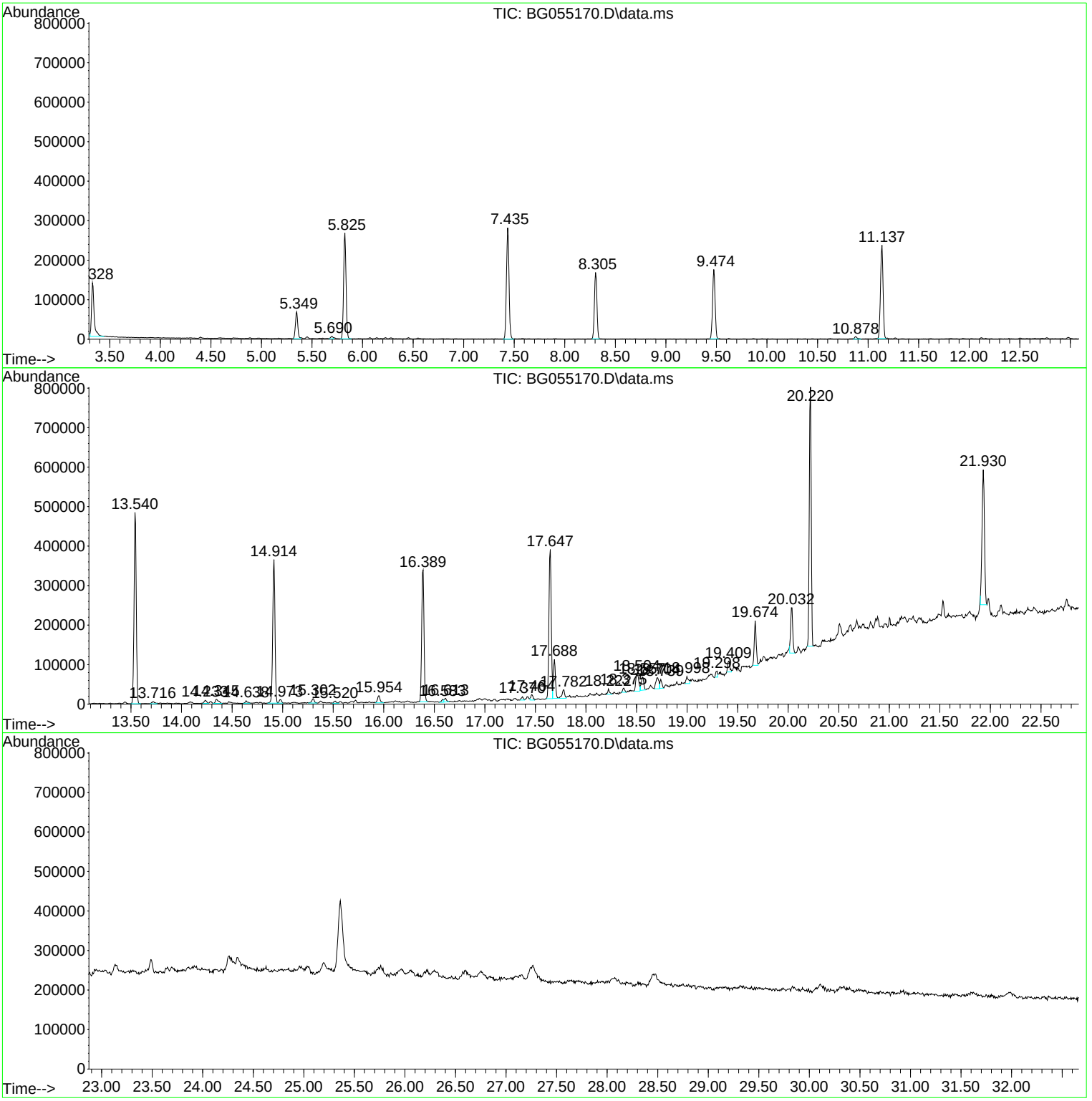
Sum of corrected areas: 7202131

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
Data File : BG055170.D
Acq On : 13 Oct 2022 19:23
Operator : CG/JU
Sample : N5102-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-1-101122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.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\BG101322\
Data File : BG055170.D
Acq On : 13 Oct 2022 19:23
Operator : CG/JU
Sample : N5102-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-1-101122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

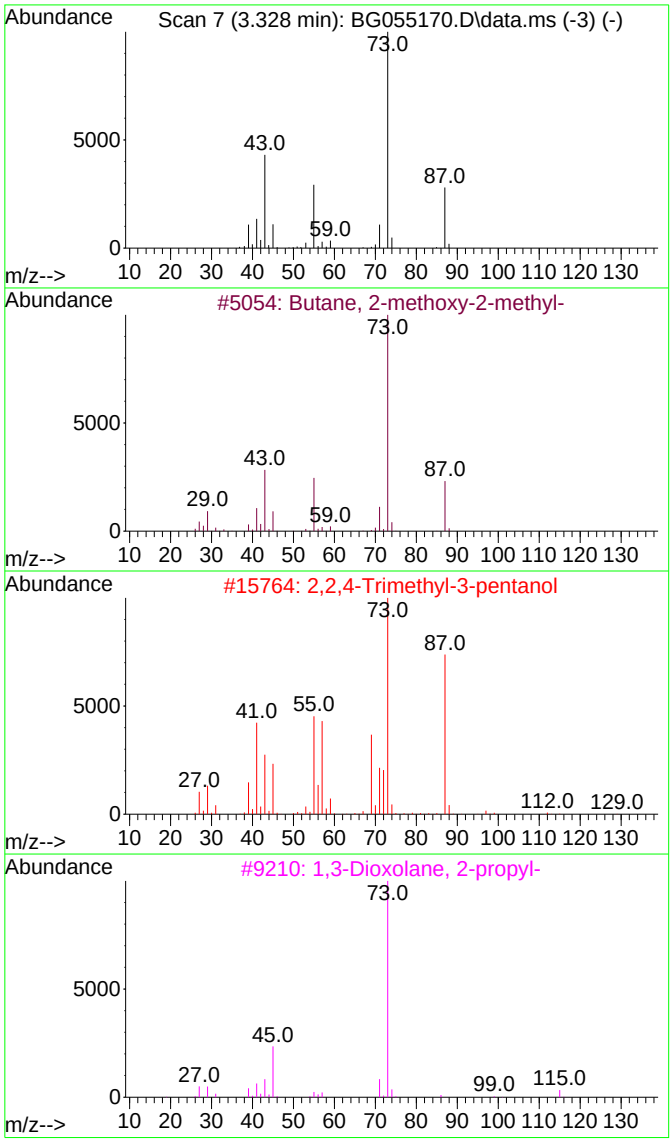
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

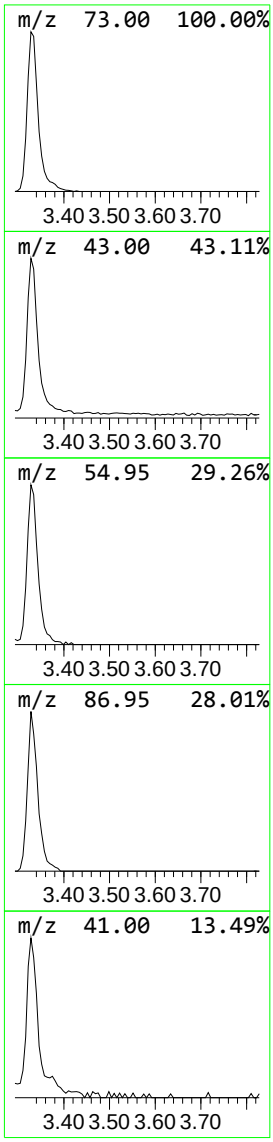
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.328	16.63 ng	237425	1,4-Dichlorobenzene-d4	8.305

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	17
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
Data File : BG055170.D
Acq On : 13 Oct 2022 19:23
Operator : CG/JU
Sample : N5102-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-1-101122

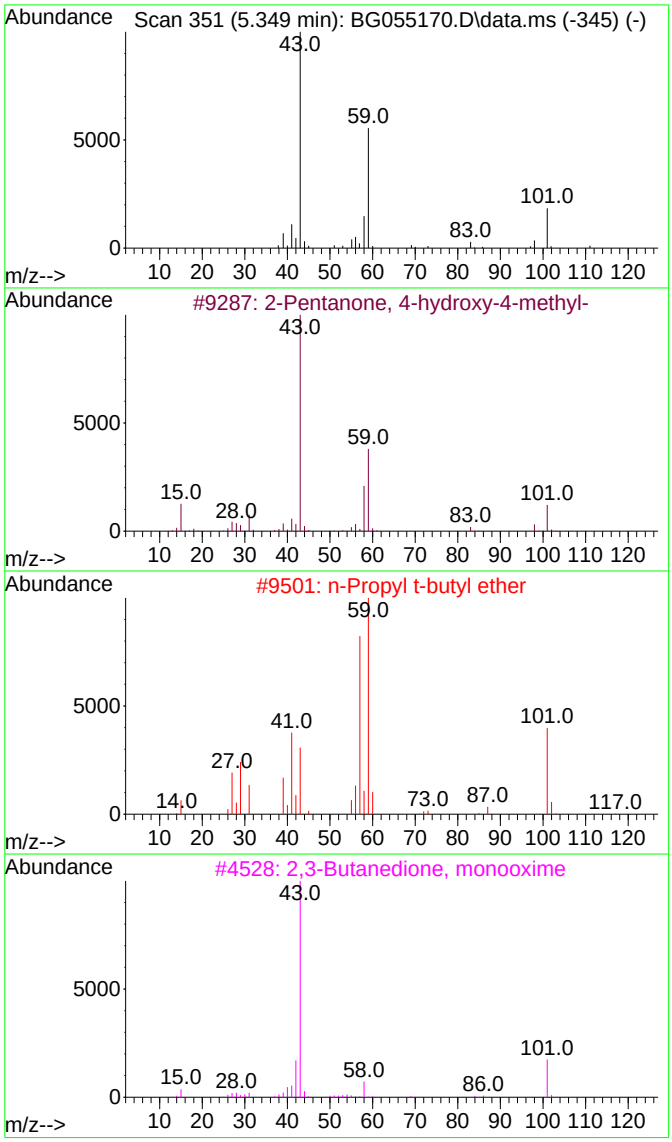
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

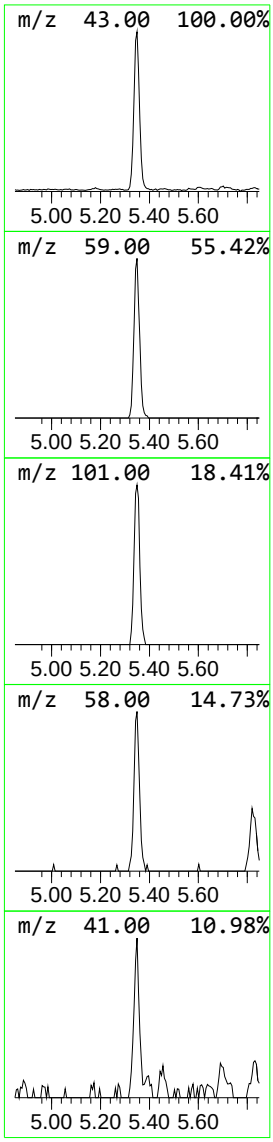
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.349	7.77 ng	110899	1,4-Dichlorobenzene-d4	8.305

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	5-Hexen-2-one	98	C6H10O	000109-49-9	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
Data File : BG055170.D
Acq On : 13 Oct 2022 19:23
Operator : CG/JU
Sample : N5102-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-1-101122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

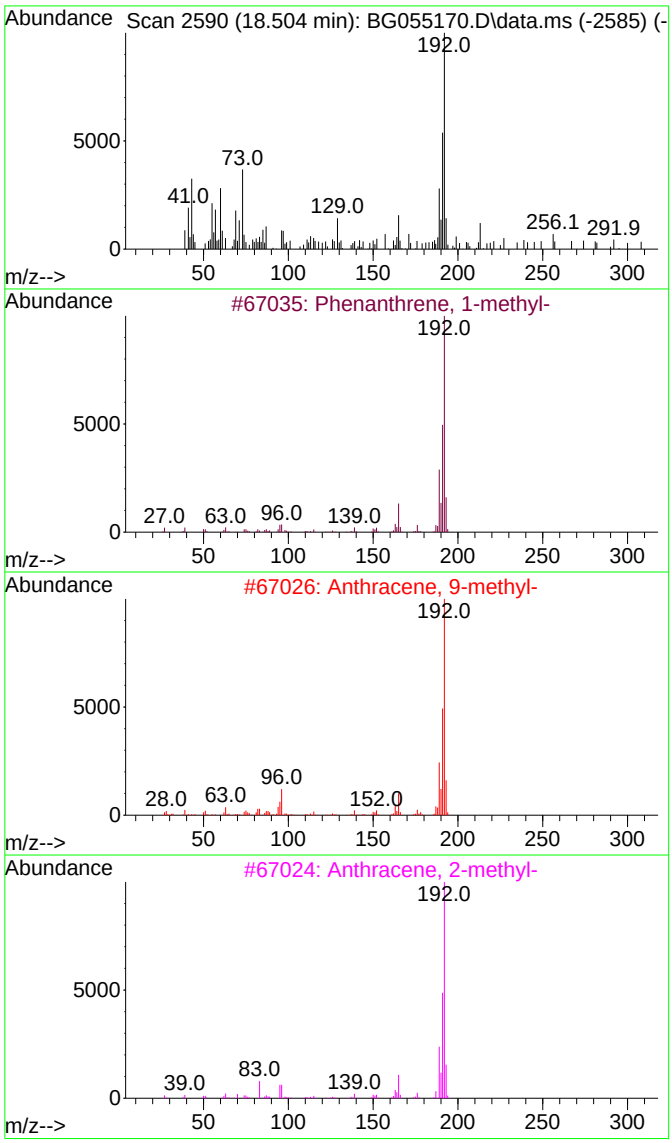
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

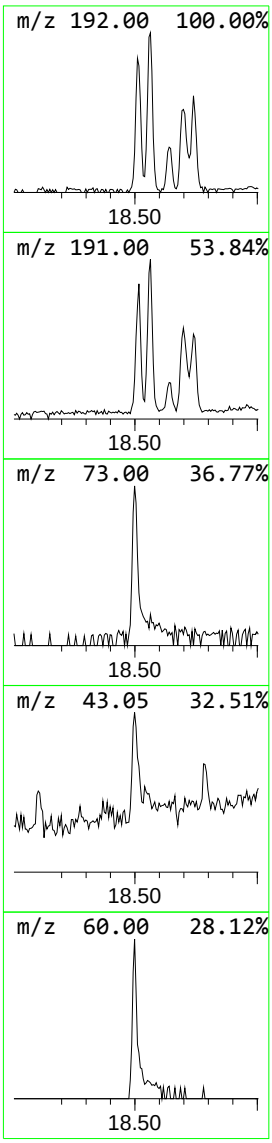
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.504	2.99 ng	90052	Phenanthrene-d10	17.647

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	70
3	Anthracene, 2-methyl-	192	C15H12	002531-84-2	55
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	55
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
Data File : BG055170.D
Acq On : 13 Oct 2022 19:23
Operator : CG/JU
Sample : N5102-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-1-101122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

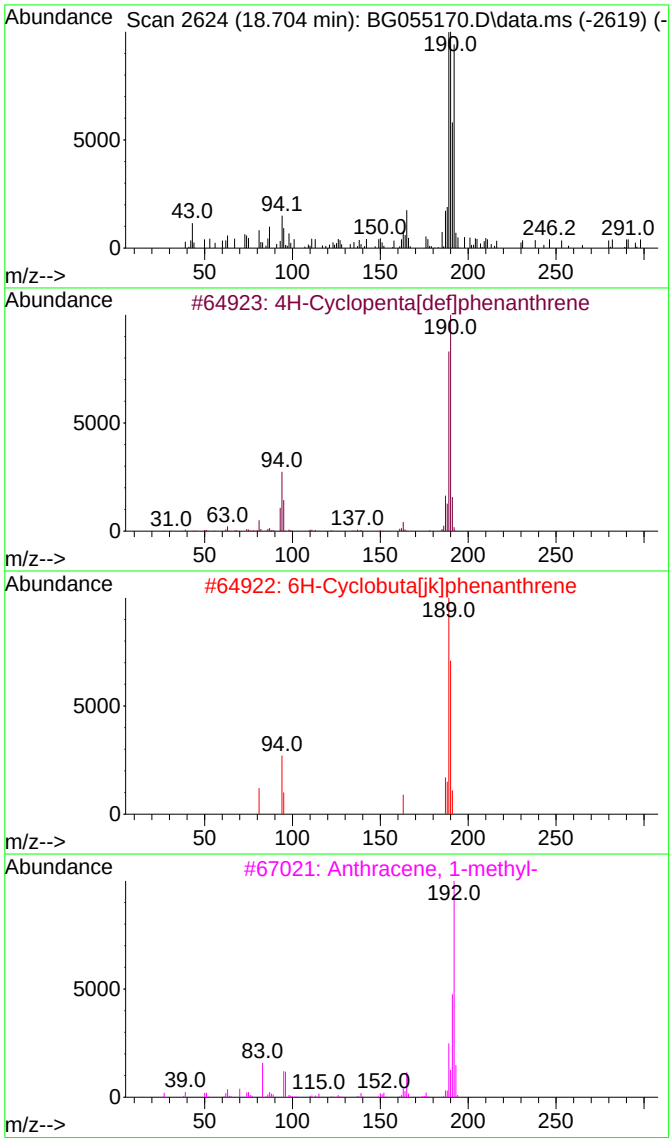
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

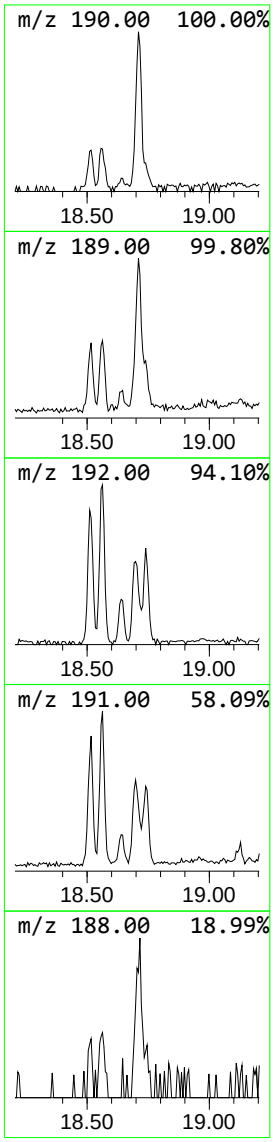
****

Peak Number 4 unknown18.704 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.704	2.05 ng	61854	Phenanthrene-d10	17.647

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	43
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38
4	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	38
5	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
Data File : BG055170.D
Acq On : 13 Oct 2022 19:23
Operator : CG/JU
Sample : N5102-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-1-101122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.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
Butane, 2-metho...	3.328	16.6	ng	237425	1	8.305	285595	20.0
2-Pentanone, 4-...	5.349	7.8	ng	110899	1	8.305	285595	20.0
Phenanthrene, 1...	18.504	3.0	ng	90052	4	17.647	602812	20.0
unknown18.704	18.704	2.0	ng	61854	4	17.647	602812	20.0