LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072622\
Data File : BG054405.D
Acq On : 26 Jul 2022 19:45
Operator : CG/JU
Sample : N3814-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-DE-4(5-10)

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-BG071522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054405.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.031	3	7	16	rVV5	8481	22289	2.63%	0.344%
2	3.119	16	22	35	rVB	54585	127726	15.07%	1.971%
3	5.569	431	439	448	rBV	148266	270291	31.89%	4.171%
4	7.173	705	712	724	rVB	156965	289870	34.20%	4.473%
5	7.990	844	851	858	rVB	71859	125495	14.81%	1.936%
6	9.153	1041	1049	1062	rBV	99399	187949	22.18%	2.900%
7	10.798	1321	1329	1335	rBV	89246	167087	19.71%	2.578%
8	13.242	1738	1745	1754	rBB	338973	515669	60.84%	7.957%
9	14.353	1927	1934	1940	rBV	4685	8981	1.06%	0.139%
10	14.623	1971	1980	1986	rBV	161281	249572	29.45%	3.851%
11	14.688	1986	1991	1996	rVB	7682	12599	1.49%	0.194%
12	15.023	2042	2048	2054	rBV2	5963	9559	1.13%	0.148%
13	15.669	2151	2158	2167	rVB2	12280	21510	2.54%	0.332%
14	16.115	2226	2234	2244	rBV	284753	459199	54.18%	7.086%
15	16.674	2321	2329	2334	rVB6	5313	12319	1.45%	0.190%
16	17.020	2384	2388	2394	rVB4	8956	13219	1.56%	0.204%
17	17.103	2398	2402	2408	rBV6	5145	11818	1.39%	0.182%
18	17.185	2411	2416	2423	rVB	9255	14542	1.72%	0.224%
19	17.367	2441	2447	2451	rBV	209396	327745	38.67%	5.057%
20	17.408	2451	2454	2460	rVV	169112	248055	29.27%	3.828%
21	17.502	2462	2470	2474	rVV	38426	59103	6.97%	0.912%
22	17.555	2475	2479	2485	rVB6	5106	8867	1.05%	0.137%
23	17.766	2505	2515	2520	rBV2	17446	39187	4.62%	0.605%
24	18.248	2592	2597	2600	rBV	36994	59132	6.98%	0.912%
25	18.289	2600	2604	2612	rVB	41026	67275	7.94%	1.038%
26	18.372	2614	2618	2622	rVB2	14966	19479	2.30%	0.301%
27	18.442	2622	2630	2633	rBV2	42140	80688	9.52%	1.245%
28	18.477	2633	2636	2642	rVB2	19335	28864	3.41%	0.445%
29	18.736	2676	2680	2685	rBV	21738	32108	3.79%	0.495%
30	18.783	2685	2688	2695	rVB2	16127	25775	3.04%	0.398%
31	19.165	2748	2753	2757	rBV	16148	27634	3.26%	0.426%
32	19.300	2772	2776	2780	rBV3	18557	32287	3.81%	0.498%
33	19.423	2791	2797	2803	rBV	336077	503216	59.37%	7.765%
34	19.752	2848	2853	2854	rBV	57719	80168	9.46%	1.237%
35	19.782	2854	2858	2866	rVB	276115	419184	49.46%	6.468%
36	19.976	2885	2891	2896	rBV	628880	847531	100.00%	13.078%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072622\
Data File : BG054405.D
Acq On : 26 Jul 2022 19:45
Operator : CG/JU
Sample : N3814-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-DE-4(5-10)

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-BG071522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.369	2956	2958	2963	rBV	21968	29874	3.52%	0.461%
38	21.509	3149	3152	3158	rVB	89349	120593	14.23%	1.861%
39	21.627	3165	3172	3177	rBV2	282380	678668	80.08%	10.472%
40	21.680	3178	3181	3190	rVB	138856	225516	26.61%	3.480%

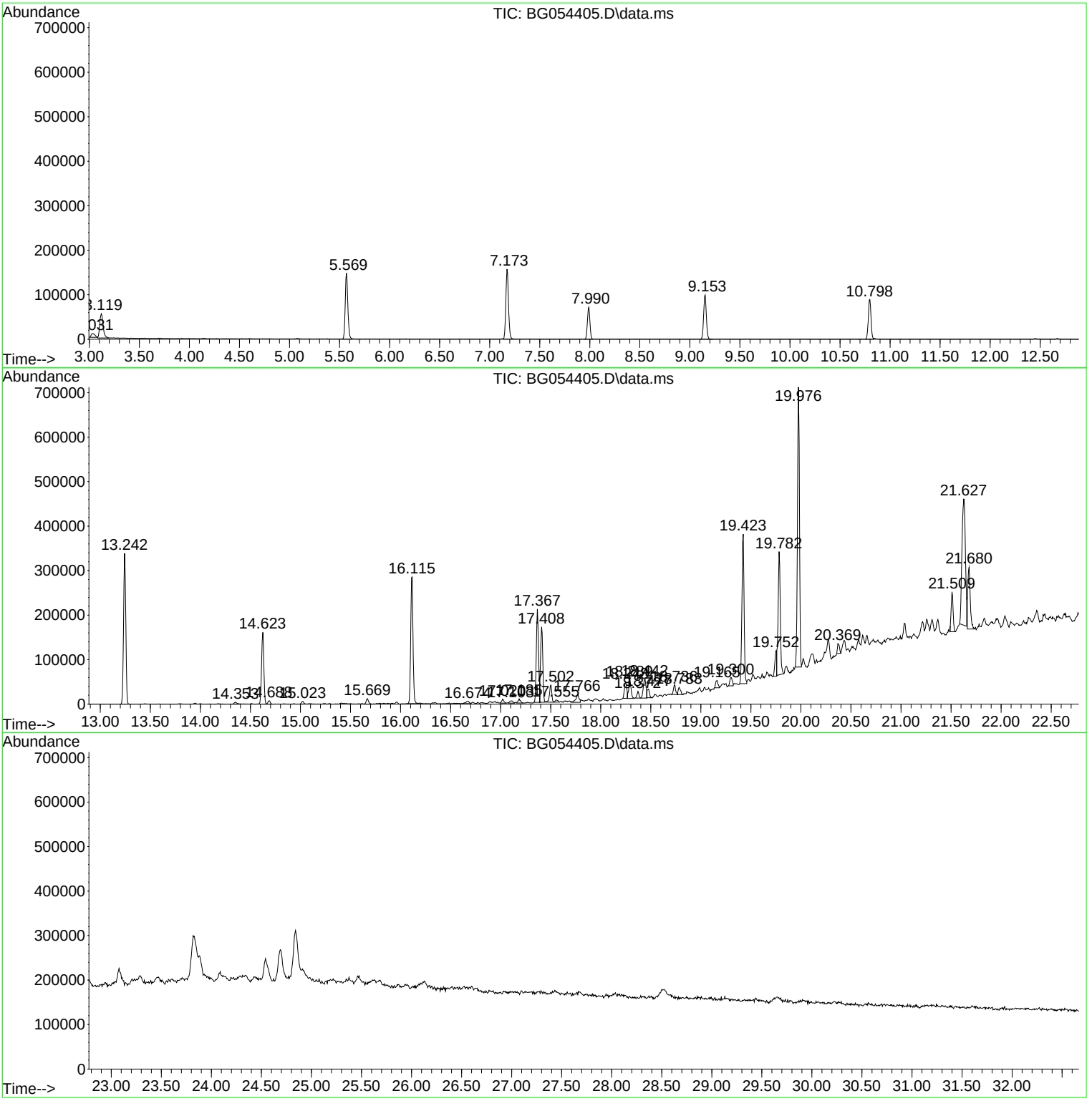
Sum of corrected areas: 6480643

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072622\
Data File : BG054405.D
Acq On : 26 Jul 2022 19:45
Operator : CG/JU
Sample : N3814-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-DE-4(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.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\BG072622\
Data File : BG054405.D
Acq On : 26 Jul 2022 19:45
Operator : CG/JU
Sample : N3814-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-DE-4(5-10)

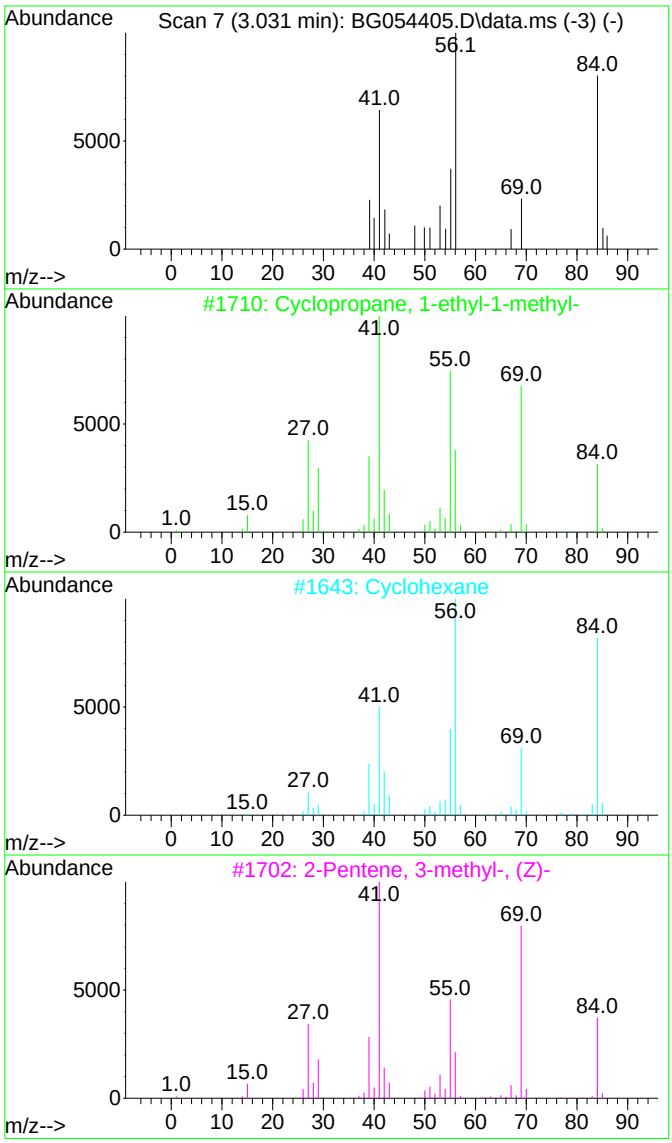
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

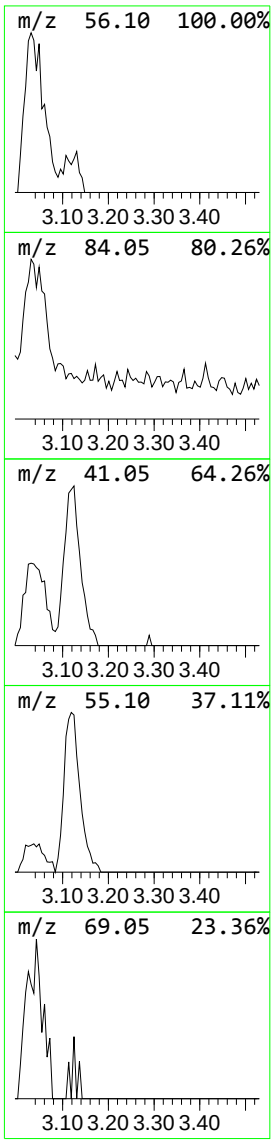
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclopropane, 1-ethyl-1-met... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.031	3.55 ng	22289	1,4-Dichlorobenzene-d4	7.990

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	72
2	Cyclohexane	84	C6H12	000110-82-7	72
3	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	50
4	Cyanic acid, 2-methylpropyl ester	99	C5H9NO	001768-25-8	50
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072622\
Data File : BG054405.D
Acq On : 26 Jul 2022 19:45
Operator : CG/JU
Sample : N3814-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-DE-4(5-10)

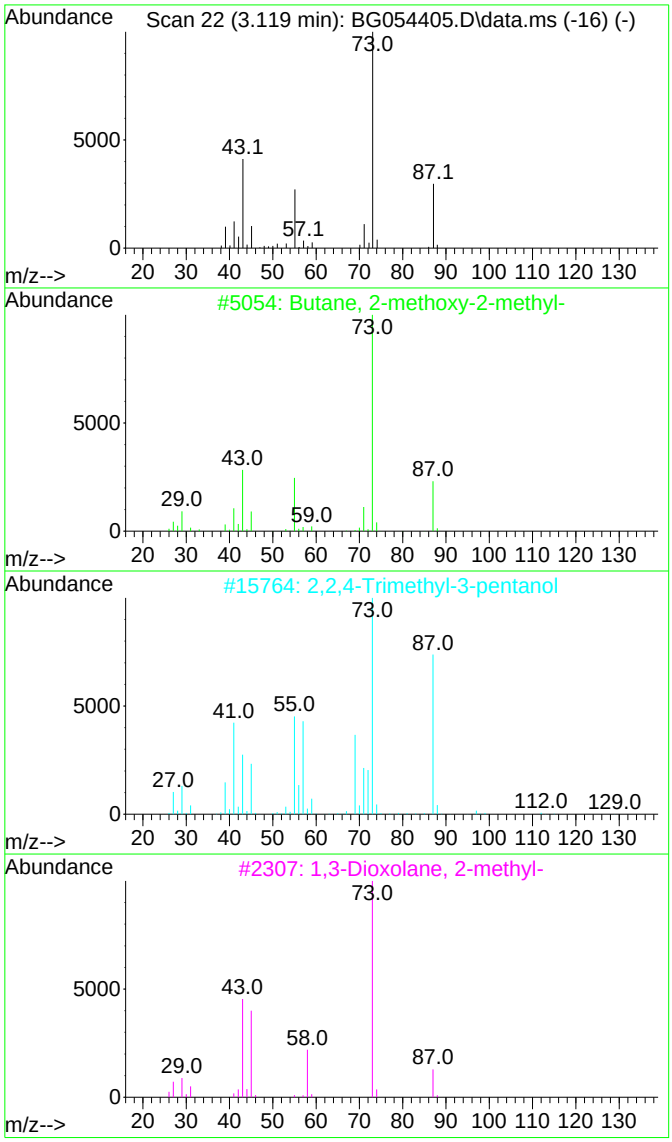
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

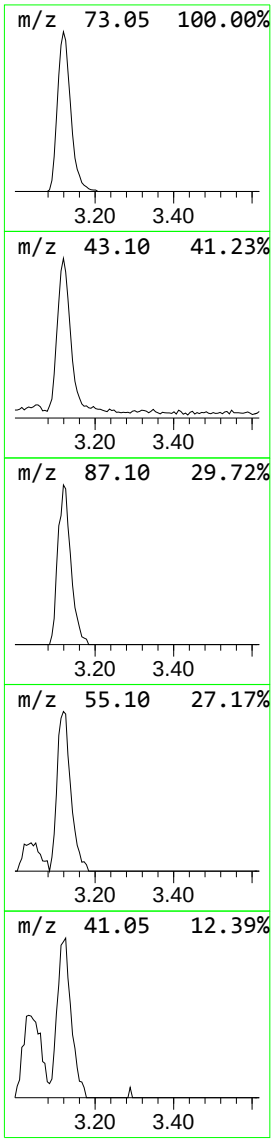
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.119	20.36 ng	127726	1,4-Dichlorobenzene-d4	7.990

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-methyl-	88	C4H8O2	000497-26-7	32
4	Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	12
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072622\
Data File : BG054405.D
Acq On : 26 Jul 2022 19:45
Operator : CG/JU
Sample : N3814-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-DE-4(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

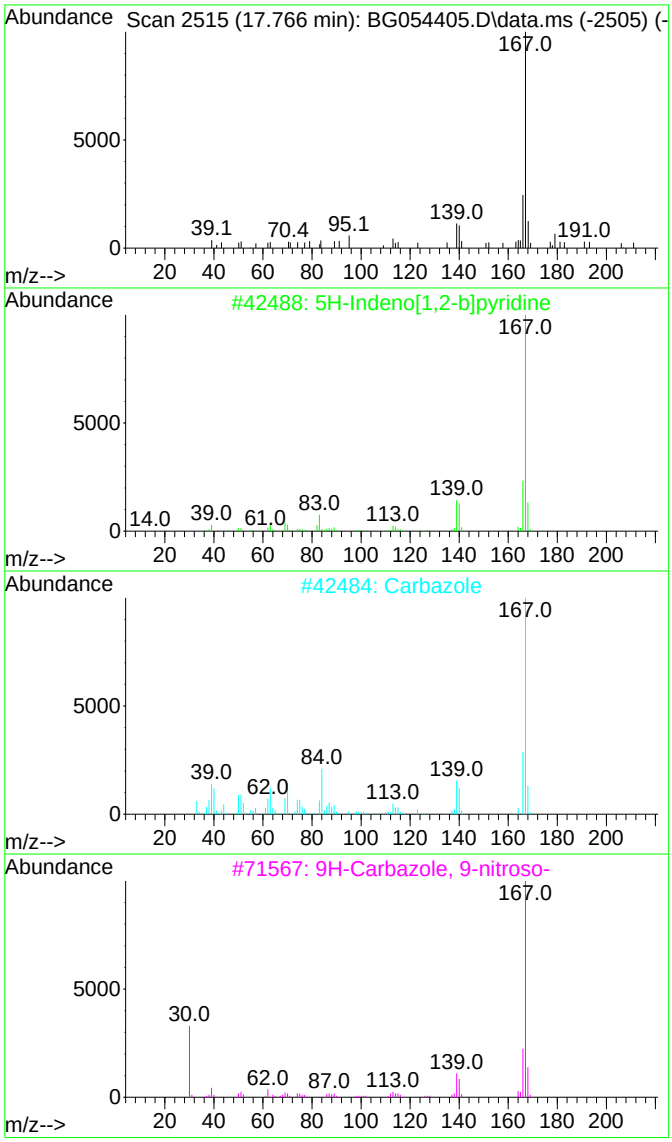
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

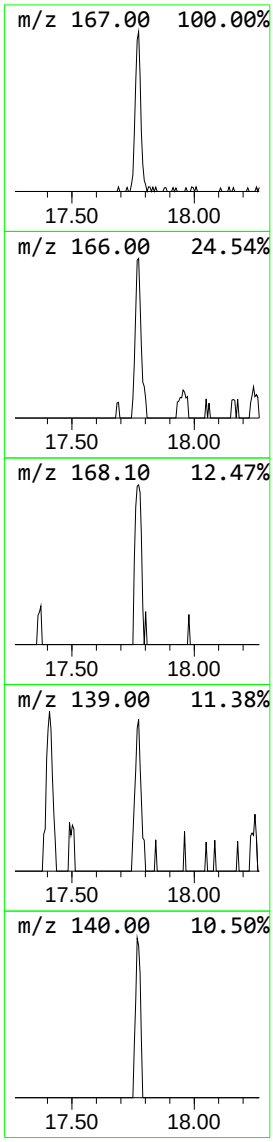
****

Peak Number 3 5H-Indeno[1,2-b]pyridine Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.767	2.39 ng	39187	Phenanthrene-d10	17.367

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	86
2	Carbazole	167	C12H9N	000086-74-8	83
3	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	83
4	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	72
5	ethanone, 1-(9H-carbazol-9-yl)-	209	C14H11NO	1000400-59-5	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072622\
Data File : BG054405.D
Acq On : 26 Jul 2022 19:45
Operator : CG/JU
Sample : N3814-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-DE-4(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

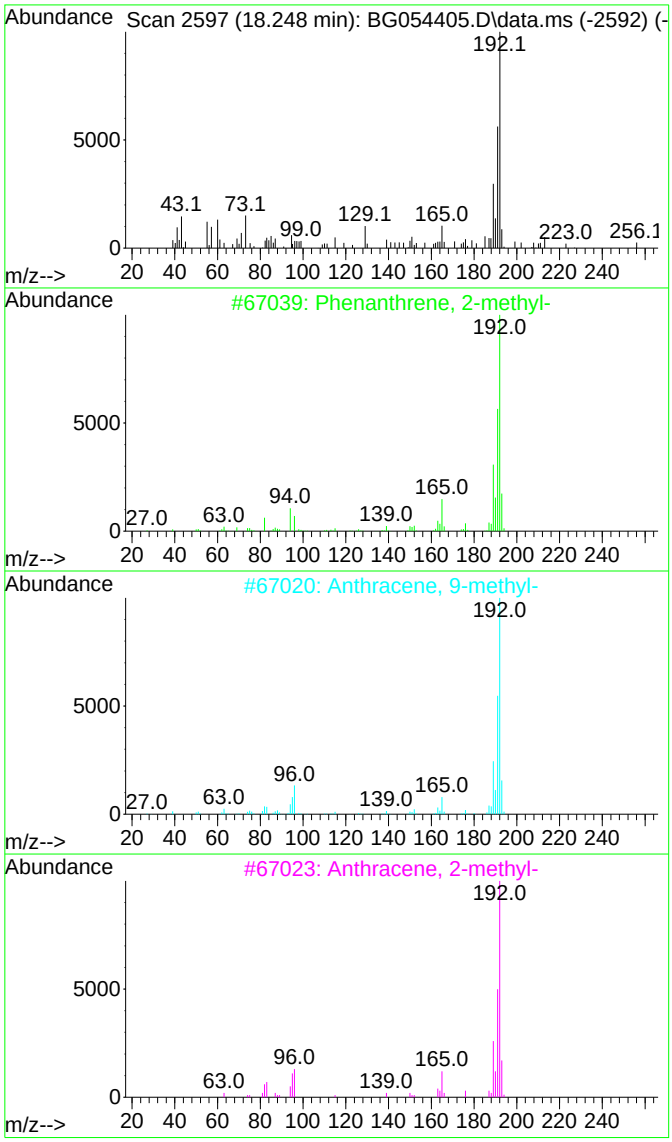
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

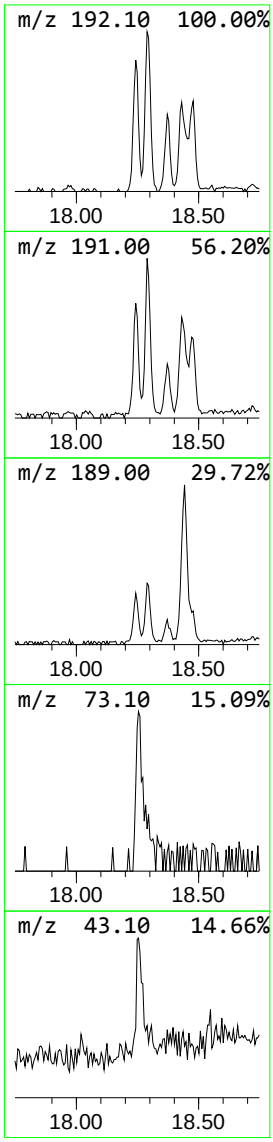
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.248	3.61 ng	59132	Phenanthrene-d10	17.367

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	70
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	58
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072622\
Data File : BG054405.D
Acq On : 26 Jul 2022 19:45
Operator : CG/JU
Sample : N3814-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-DE-4(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

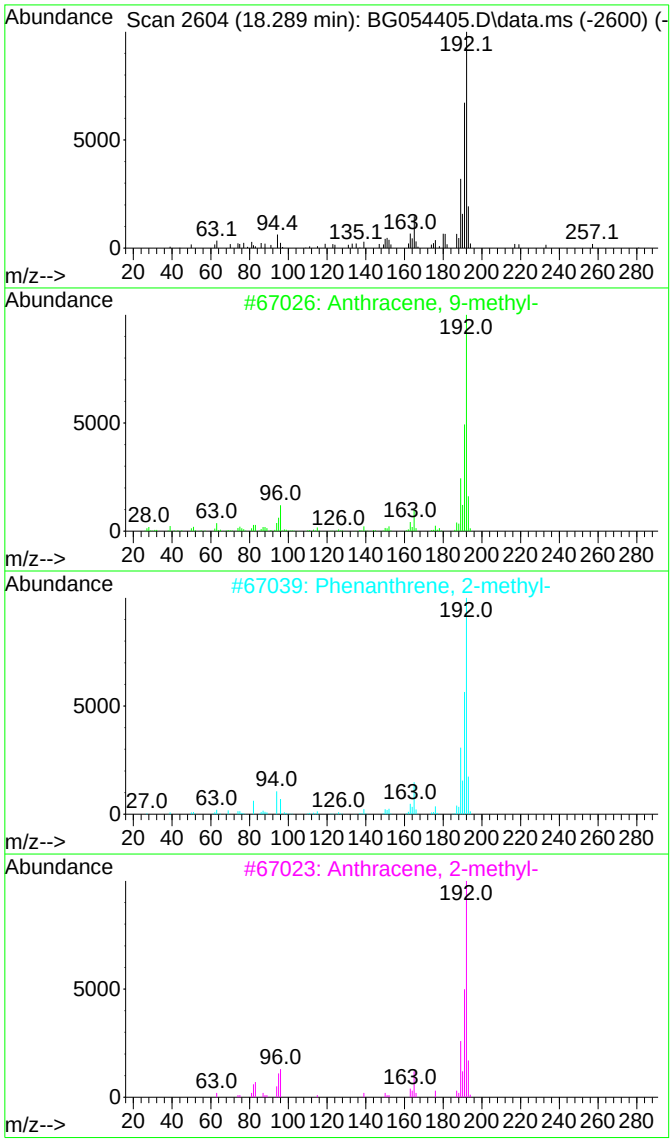
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

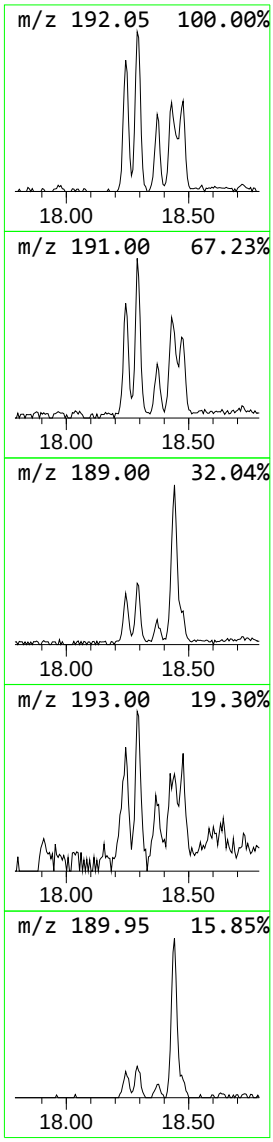
****

Peak Number 5 Anthracene, 9-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.289	4.11 ng	67275	Phenanthrene-d10	17.367

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072622\
Data File : BG054405.D
Acq On : 26 Jul 2022 19:45
Operator : CG/JU
Sample : N3814-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-DE-4(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

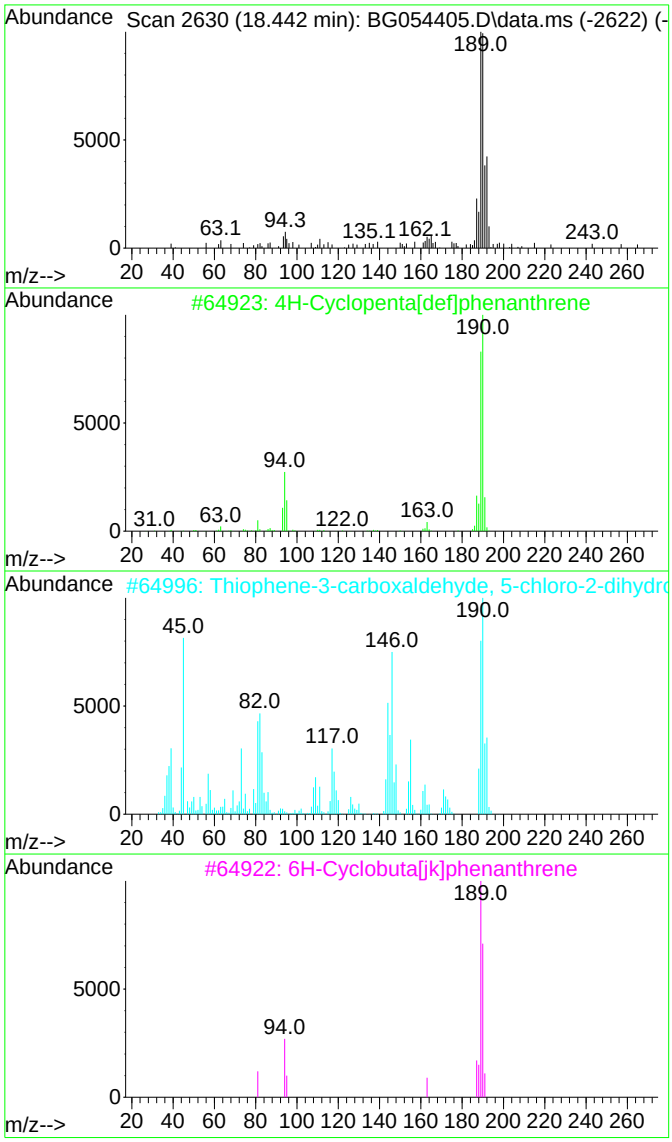
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

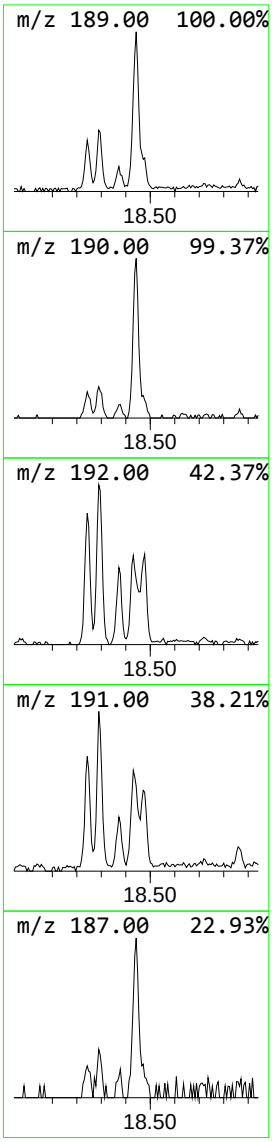
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.442	4.92 ng	80688	Phenanthrene-d10	17.367

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	58
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	47
5	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072622\
Data File : BG054405.D
Acq On : 26 Jul 2022 19:45
Operator : CG/JU
Sample : N3814-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-DE-4(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.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
Cyclopropane, 1...	3.031	3.5	ng	22289	1	7.990	125495	20.0
Butane, 2-metho...	3.119	20.4	ng	127726	1	7.990	125495	20.0
5H-Indeno[1,2-b...	17.767	2.4	ng	39187	4	17.367	327745	20.0
Phenanthrene, 2...	18.248	3.6	ng	59132	4	17.367	327745	20.0
Anthracene, 9-m...	18.289	4.1	ng	67275	4	17.367	327745	20.0
4H-Cyclopenta[d...	18.442	4.9	ng	80688	4	17.367	327745	20.0