LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072522\
Data File : BG054390.D
Acq On : 25 Jul 2022 22:16
Operator : CG/JU
Sample : N3814-02
Misc :
ALS Vial : 18 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: BG054390.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.035	3	8	17	rBV5	9106	26738	3.12%	0.418%
2	3.123	17	23	36	rVB2	57483	133131	15.55%	2.081%
3	5.573	432	440	454	rBV	157504	281705	32.91%	4.402%
4	7.177	706	713	724	rVB	164341	300048	35.06%	4.689%
5	7.993	845	852	859	rBV2	74346	130256	15.22%	2.036%
6	9.157	1042	1050	1058	rBV	103808	189486	22.14%	2.961%
7	10.802	1322	1330	1337	rBV	95114	174048	20.33%	2.720%
8	13.246	1739	1746	1754	rBV	343676	534069	62.40%	8.346%
9	14.357	1928	1935	1940	rBV2	5907	10890	1.27%	0.170%
10	14.627	1971	1981	1987	rBV	170746	260503	30.44%	4.071%
11	14.691	1987	1992	1997	rVB2	7959	13333	1.56%	0.208%
12	15.026	2043	2049	2055	rBV	6679	10799	1.26%	0.169%
13	15.673	2152	2159	2166	rBV3	12983	20537	2.40%	0.321%
14	16.119	2227	2235	2245	rBV3	299572	484734	56.63%	7.575%
15	16.666	2318	2328	2330	rBV5	5357	10789	1.26%	0.169%
16	17.030	2384	2390	2396	rBV2	8711	15569	1.82%	0.243%
17	17.118	2398	2405	2409	rBV6	5444	13622	1.59%	0.213%
18	17.189	2412	2417	2422	rVB	9710	13001	1.52%	0.203%
19	17.371	2442	2448	2452	rBV	213908	340982	39.84%	5.329%
20	17.412	2452	2455	2463	rVV	180085	263871	30.83%	4.124%
21	17.506	2466	2471	2476	rVV	38413	59519	6.95%	0.930%
22	17.565	2476	2481	2486	rVV5	4737	8861	1.04%	0.138%
23	17.770	2508	2516	2521	rBV2	17936	38022	4.44%	0.594%
24	17.952	2542	2547	2551	rBV6	9148	16666	1.95%	0.260%
25	18.252	2592	2598	2602	rBV2	42741	72529	8.47%	1.133%
26	18.299	2602	2606	2613	rVB	41904	68483	8.00%	1.070%
27	18.375	2615	2619	2624	rBV	15949	21131	2.47%	0.330%
28	18.446	2624	2631	2634	rBV2	41065	80959	9.46%	1.265%
29	18.740	2677	2681	2686	rBV	22717	32934	3.85%	0.515%
30	18.787	2686	2689	2694	rVB2	16045	22058	2.58%	0.345%
31	18.986	2721	2723	2728	rBV5	9275	13282	1.55%	0.208%
32	19.163	2749	2753	2758	rBV2	16963	32608	3.81%	0.510%
33	19.427	2792	2798	2803	rBV	342012	508290	59.38%	7.944%
34	19.756	2849	2854	2855	rBV	62645	83163	9.72%	1.300%
35	19.786	2855	2859	2867	rVV	280515	436531	51.00%	6.822%
36	19.850	2868	2870	2877	rVV3	17555	33839	3.95%	0.529%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072522\
Data File : BG054390.D
Acq On : 25 Jul 2022 22:16
Operator : CG/JU
Sample : N3814-02
Misc :
ALS Vial : 18 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	19.979	2886	2892	2897	rBV	627922	855928	100.00%	13.376%
38	21.513	3150	3153	3158	rVB	89839	128012	14.96%	2.001%
39	21.630	3167	3173	3179	rBV3	273254	657834	76.86%	10.281%

Sum of corrected areas: 6398760

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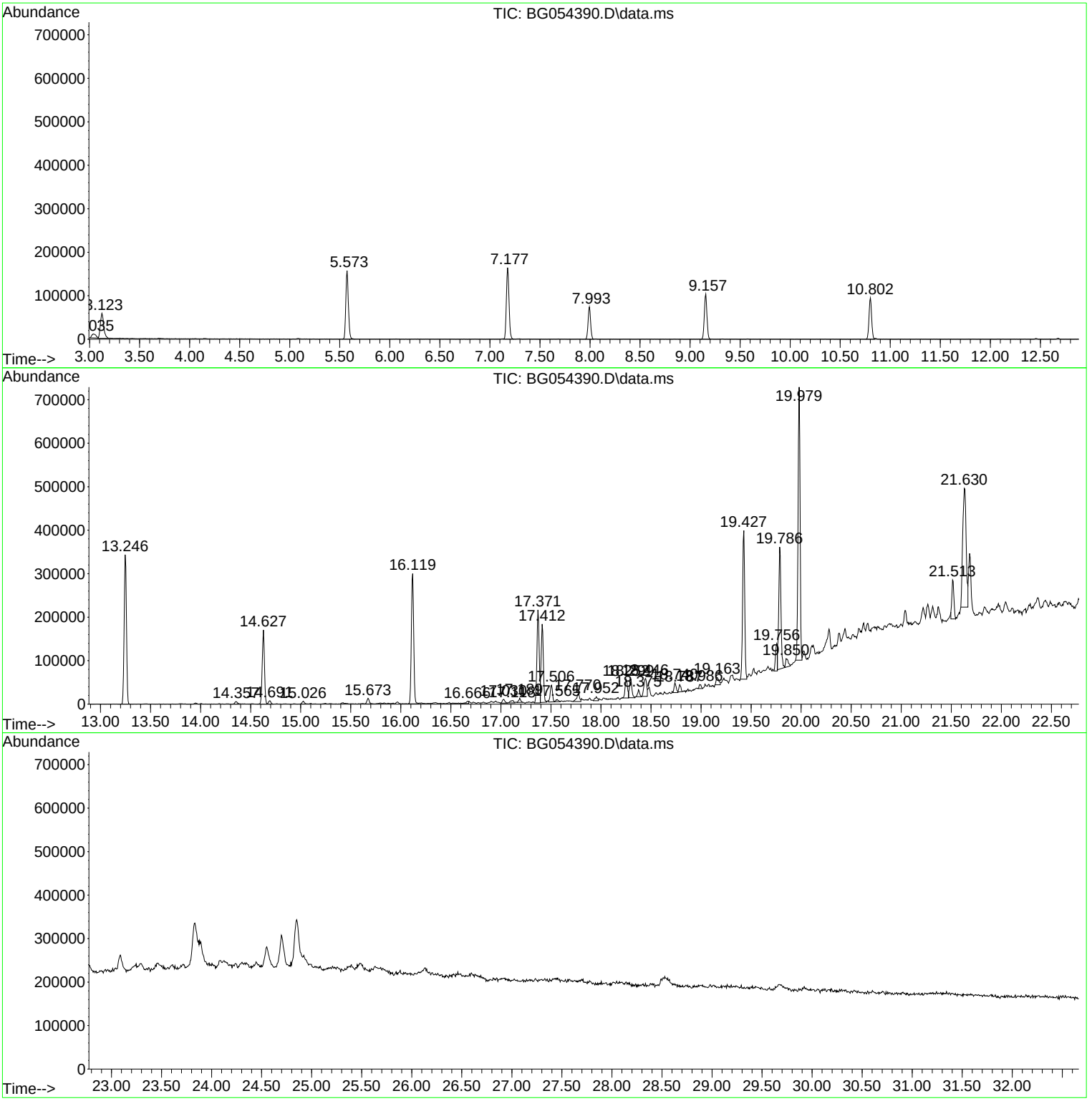
Misc :
ALS Vial : 18 Sample Multiplier: 1

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\BG072522\
Data File : BG054390.D
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Misc :
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Instrument :
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ClientSampleId :
ENV-DE-4(5-10)

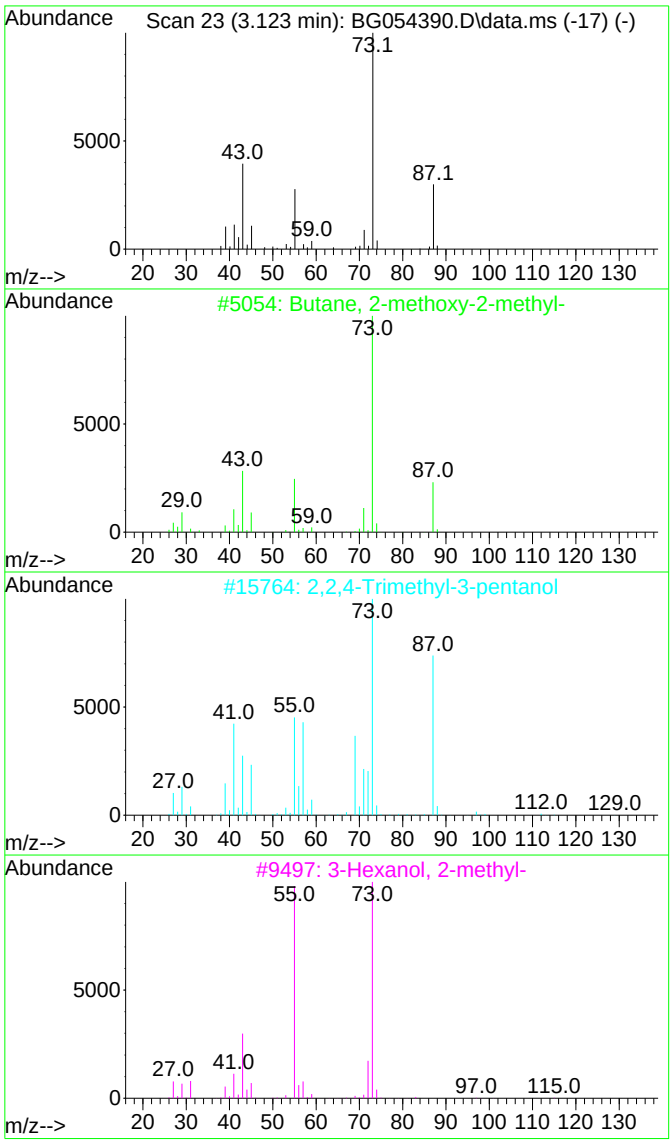
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

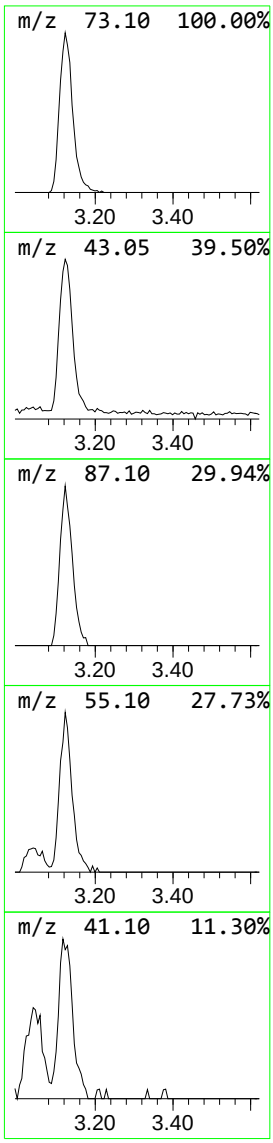
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.123	20.44 ng	133131	1,4-Dichlorobenzene-d4	7.993

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	25
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072522\
Data File : BG054390.D
Acq On : 25 Jul 2022 22:16
Operator : CG/JU
Sample : N3814-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

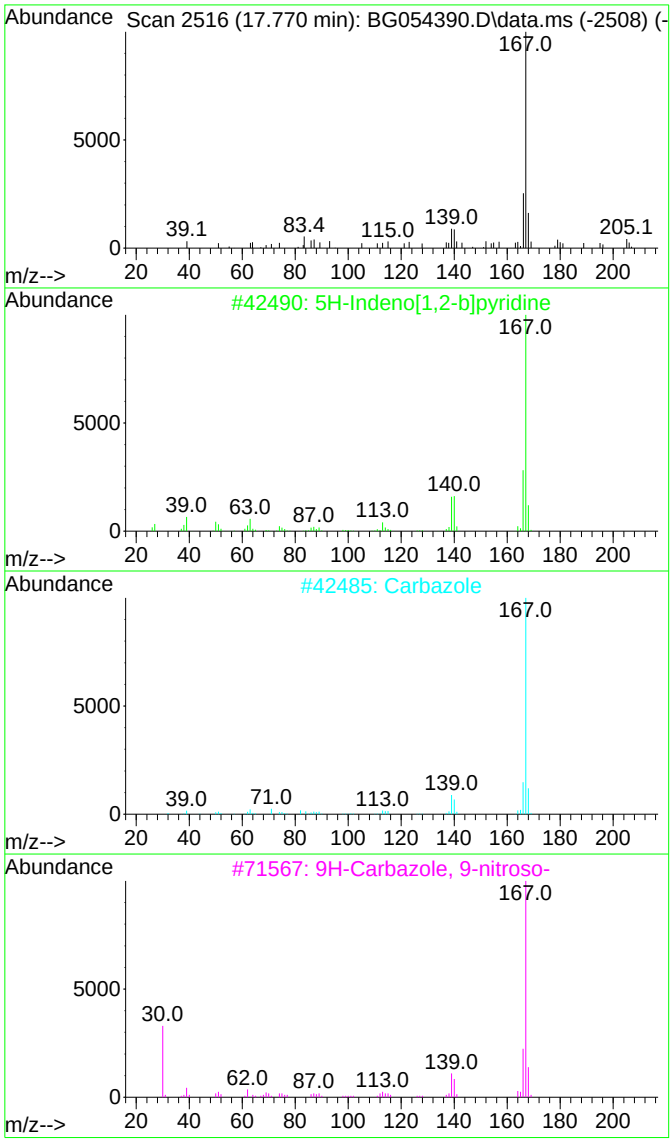
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

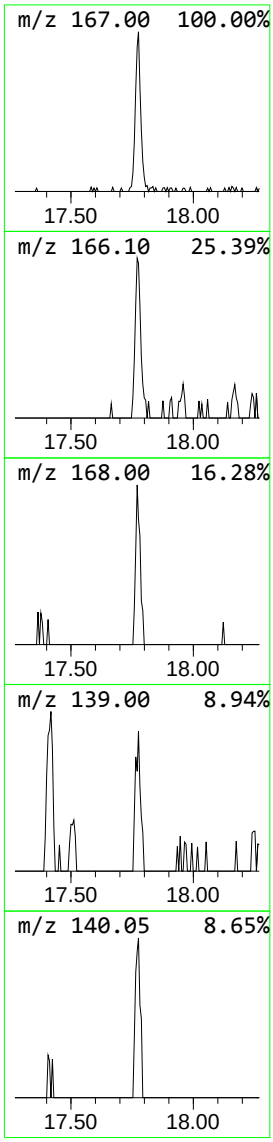
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.770	2.23 ng	38022	Phenanthrene-d10	17.371

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	90
2	Carbazole	167	C12H9N	000086-74-8	72
3	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	72
4	2-Naphthylacetonitrile	167	C12H9N	007498-57-9	59
5	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	56





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072522\
Data File : BG054390.D
Acq On : 25 Jul 2022 22:16
Operator : CG/JU
Sample : N3814-02
Misc :
ALS Vial : 18 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

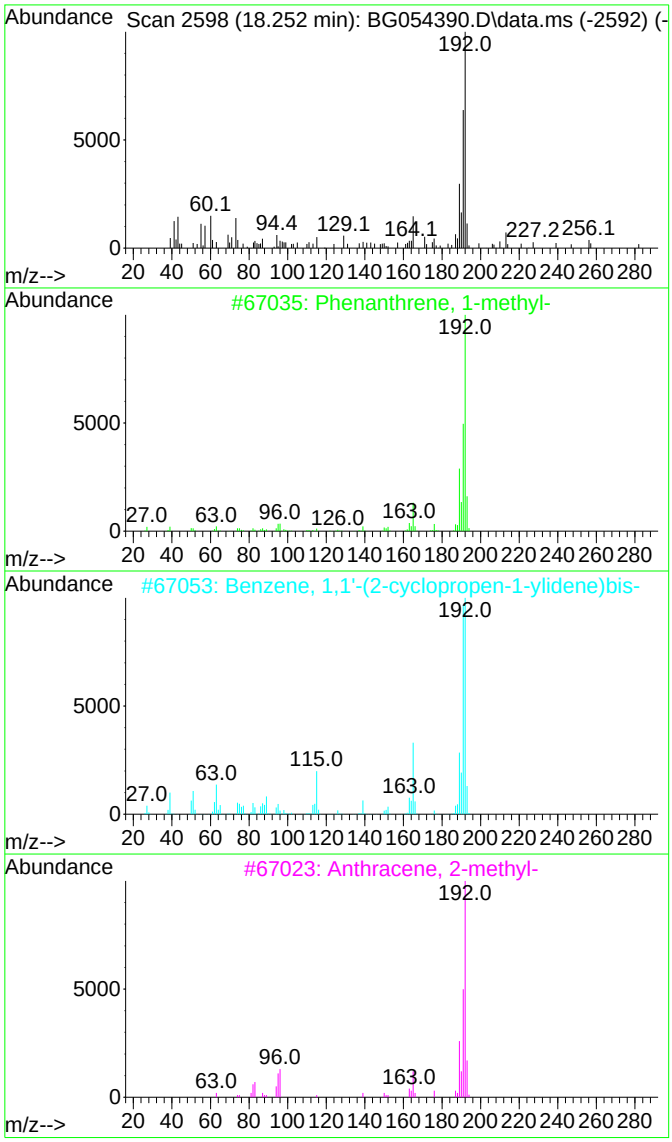
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

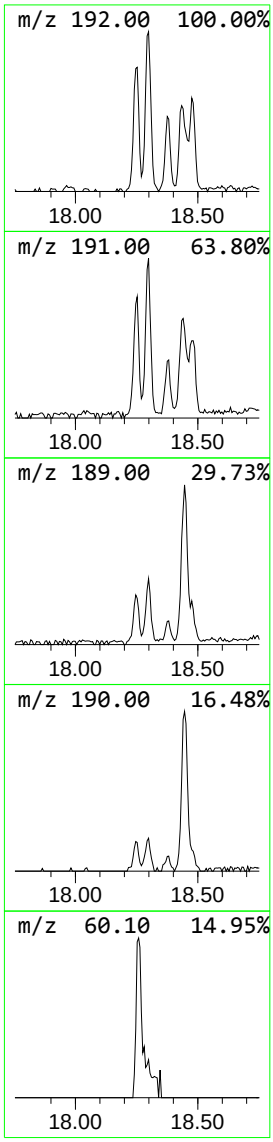
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.252	4.25 ng	72529	Phenanthrene-d10	17.371

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
2	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	76
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	76
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	76
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072522\
Data File : BG054390.D
Acq On : 25 Jul 2022 22:16
Operator : CG/JU
Sample : N3814-02
Misc :
ALS Vial : 18 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

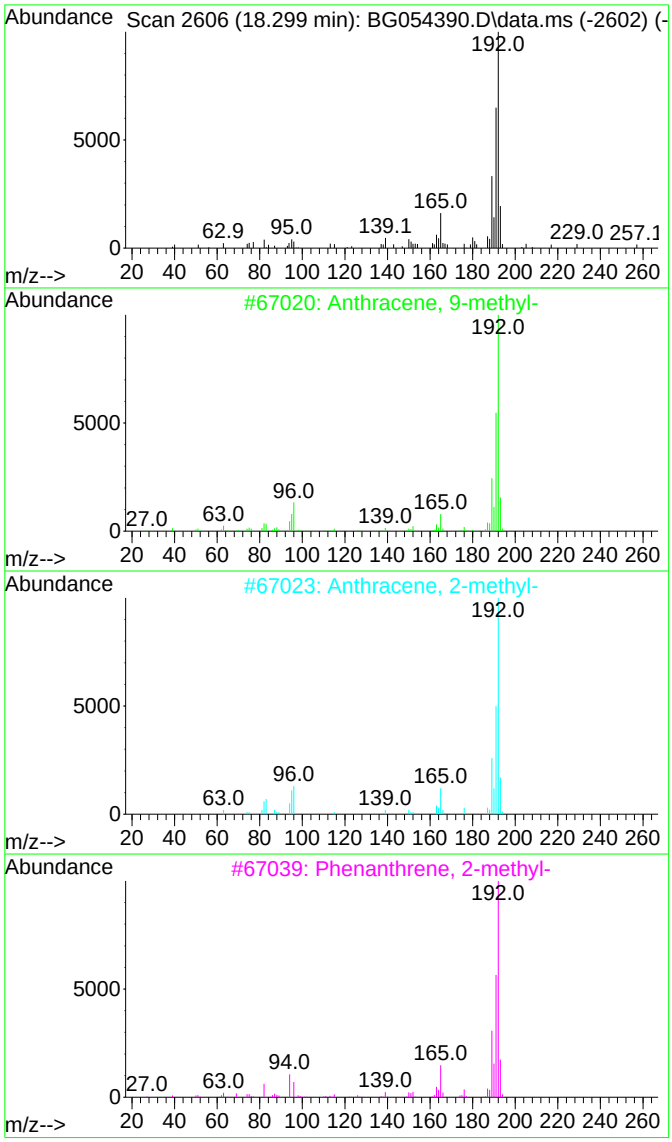
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

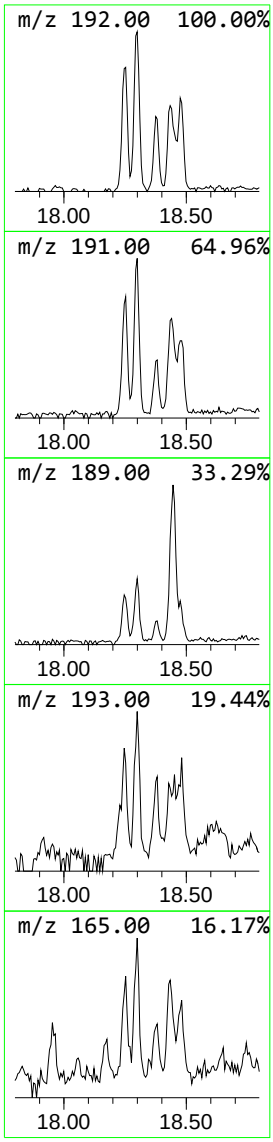
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.299	4.02 ng	68483	Phenanthrene-d10	17.371

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91





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Sample : N3814-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

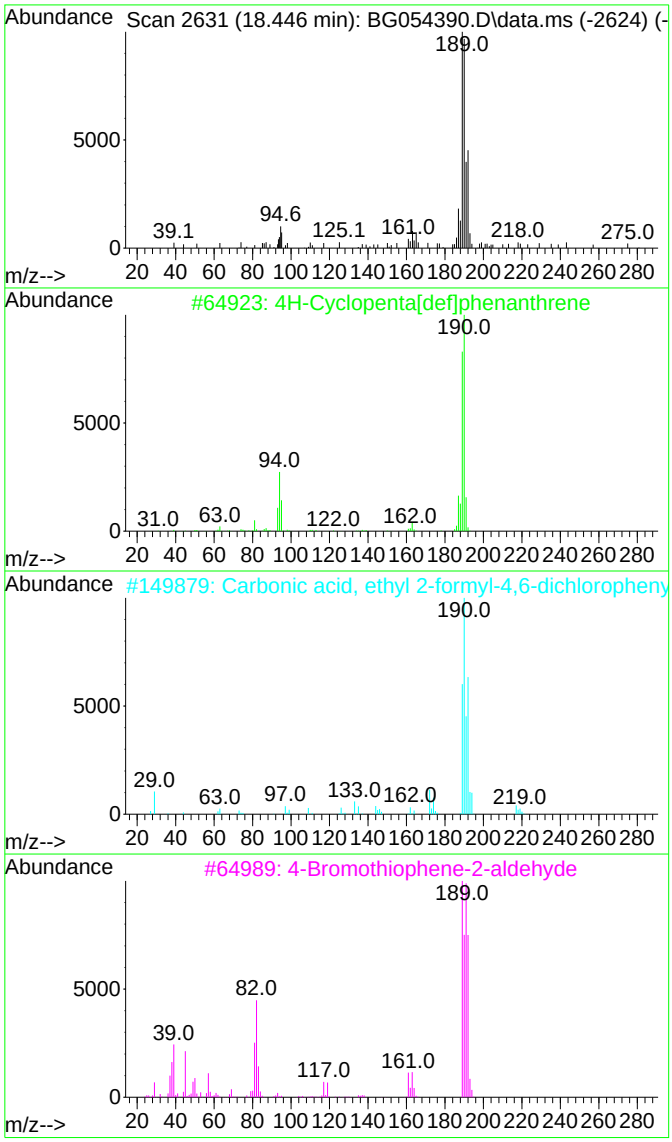
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

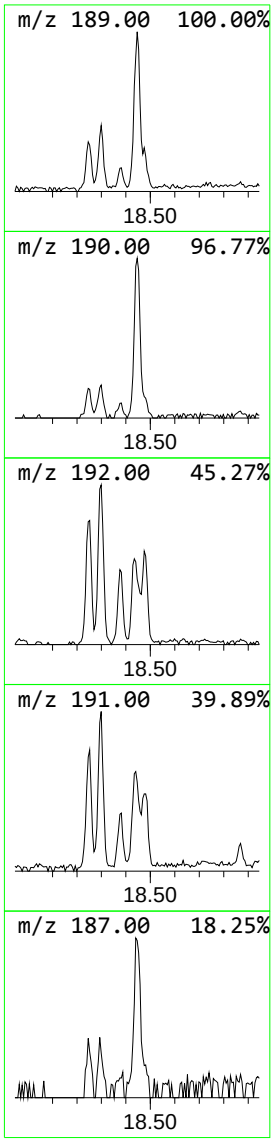
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.446	4.75 ng	80959	Phenanthrene-d10	17.371

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	42
3	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	38
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5	6-Amino-2,4-dichloro-3-ethylphenol	205	C8H9Cl2NO	101819-99-2	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072522\
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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...	3.123	20.4	ng	133131	1	7.993	130256	20.0
5H-Indeno[1,2-b...	17.770	2.2	ng	38022	4	17.371	340982	20.0
Phenanthrene, 1...	18.252	4.3	ng	72529	4	17.371	340982	20.0
Anthracene, 9-m...	18.299	4.0	ng	68483	4	17.371	340982	20.0
4H-Cyclopenta[d...	18.446	4.8	ng	80959	4	17.371	340982	20.0