LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101320\
Data File : BG046880.D
Acq On : 13 Oct 2020 19:05
Operator : CG/JU
Sample : L4370-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 343

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-BG092220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG046880.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.200	308	317	324	rBV	64047	102225	2.70%	0.384%
2	5.664	390	396	406	rBV	844192	1356954	35.88%	5.102%
3	7.256	658	667	676	rBV	891590	1540977	40.75%	5.794%
4	8.102	804	811	818	rBV	240833	416712	11.02%	1.567%
5	9.266	1000	1009	1018	rBV	596456	1075772	28.45%	4.045%
6	10.917	1282	1290	1295	rBV	314394	574946	15.20%	2.162%
7	10.964	1295	1298	1303	rVB	33520	54487	1.44%	0.205%
8	12.562	1562	1570	1576	rBV2	50461	86274	2.28%	0.324%
9	12.773	1602	1606	1613	rVB	30154	50916	1.35%	0.191%
10	13.349	1697	1704	1713	rBV	1590916	2374211	62.79%	8.927%
11	13.561	1734	1740	1745	rVB2	32815	53680	1.42%	0.202%
12	14.166	1838	1843	1849	rBV	155537	231489	6.12%	0.870%
13	14.724	1927	1938	1944	rBV2	498434	836149	22.11%	3.144%
14	14.789	1944	1949	1956	rVB	244210	383747	10.15%	1.443%
15	15.124	2000	2006	2013	rBV	157291	250585	6.63%	0.942%
16	15.770	2109	2116	2124	rBV	208479	329028	8.70%	1.237%
17	16.064	2162	2166	2173	rVB	35172	52396	1.39%	0.197%
18	16.205	2181	2190	2202	rBV	1107848	1775367	46.95%	6.675%
19	16.769	2278	2286	2291	rVB5	21405	43610	1.15%	0.164%
20	17.115	2340	2345	2352	rVB	22684	41009	1.08%	0.154%
21	17.286	2369	2374	2381	rVB	57381	97913	2.59%	0.368%
22	17.468	2396	2405	2409	rBV	693066	1087806	28.77%	4.090%
23	17.509	2409	2412	2419	rVV	810488	1195400	31.61%	4.494%
24	17.597	2423	2427	2433	rVB	89106	133882	3.54%	0.503%
25	17.867	2462	2473	2478	rBV	60317	121718	3.22%	0.458%
26	18.343	2548	2554	2558	rBV	157048	224846	5.95%	0.845%
27	18.390	2558	2562	2569	rVB2	88399	136099	3.60%	0.512%
28	18.537	2580	2587	2591	rBV3	120093	215166	5.69%	0.809%
29	18.837	2633	2638	2642	rBV	57111	80730	2.13%	0.304%
30	18.872	2642	2644	2650	rVB2	31763	44373	1.17%	0.167%
31	19.254	2705	2709	2714	rBV2	33559	60352	1.60%	0.227%
32	19.389	2728	2732	2736	rBV5	32049	45955	1.22%	0.173%
33	19.513	2747	2753	2759	rBV	817687	1166075	30.84%	4.384%
34	19.612	2766	2770	2774	rBV4	43114	56331	1.49%	0.212%
35	19.847	2804	2810	2811	rBV2	138906	200125	5.29%	0.752%
36	19.877	2811	2815	2822	rVB	597257	871469	23.05%	3.277%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101320\
Data File : BG046880.D
Acq On : 13 Oct 2020 19:05
Operator : CG/JU
Sample : L4370-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 343

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-BG092220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.941	2823	2826	2831	rVV3	27920	41079	1.09%	0.154%
38	20.071	2842	2848	2854	rBV	2893054	3781426	100.00%	14.217%
39	20.188	2863	2868	2869	rBV5	61832	80488	2.13%	0.303%
40	20.364	2894	2898	2903	rVB	115325	185365	4.90%	0.697%
41	20.464	2911	2915	2919	rVB	85611	102107	2.70%	0.384%
42	20.823	2973	2976	2980	rVB2	55111	63915	1.69%	0.240%
43	21.381	3065	3071	3082	rBV5	172753	429058	11.35%	1.613%
44	21.739	3123	3132	3137	rBV2	771851	1699922	44.95%	6.391%
45	21.786	3137	3140	3149	rVB	238482	397264	10.51%	1.494%
46	21.980	3170	3173	3182	rVB3	121736	189142	5.00%	0.711%
47	22.932	3332	3335	3340	rVB4	48529	71994	1.90%	0.271%
48	23.966	3504	3511	3519	rBV	136316	453230	11.99%	1.704%
49	24.853	3655	3662	3669	rVB	92583	239318	6.33%	0.900%
50	25.012	3680	3689	3698	rBV2	383500	1157132	30.60%	4.351%
51	26.216	3888	3894	3905	rVB3	57695	165228	4.37%	0.621%
52	28.314	4245	4251	4261	rVB10	57411	171558	4.54%	0.645%

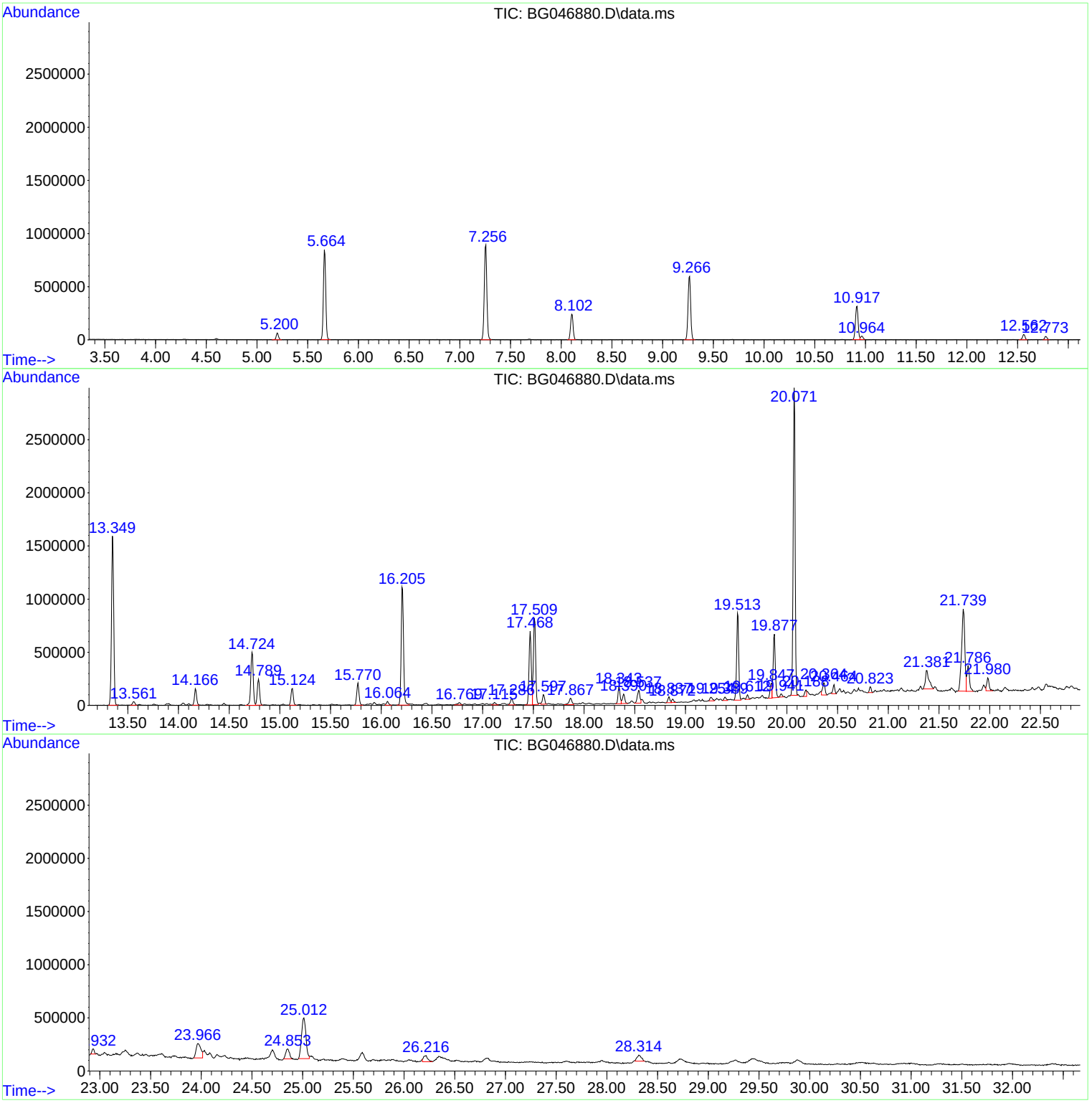
Sum of corrected areas: 26597000

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101320\
Data File : BG046880.D
Acq On : 13 Oct 2020 19:05
Operator : CG/JU
Sample : L4370-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
343

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101320\
Data File : BG046880.D
Acq On : 13 Oct 2020 19:05
Operator : CG/JU
Sample : L4370-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 343

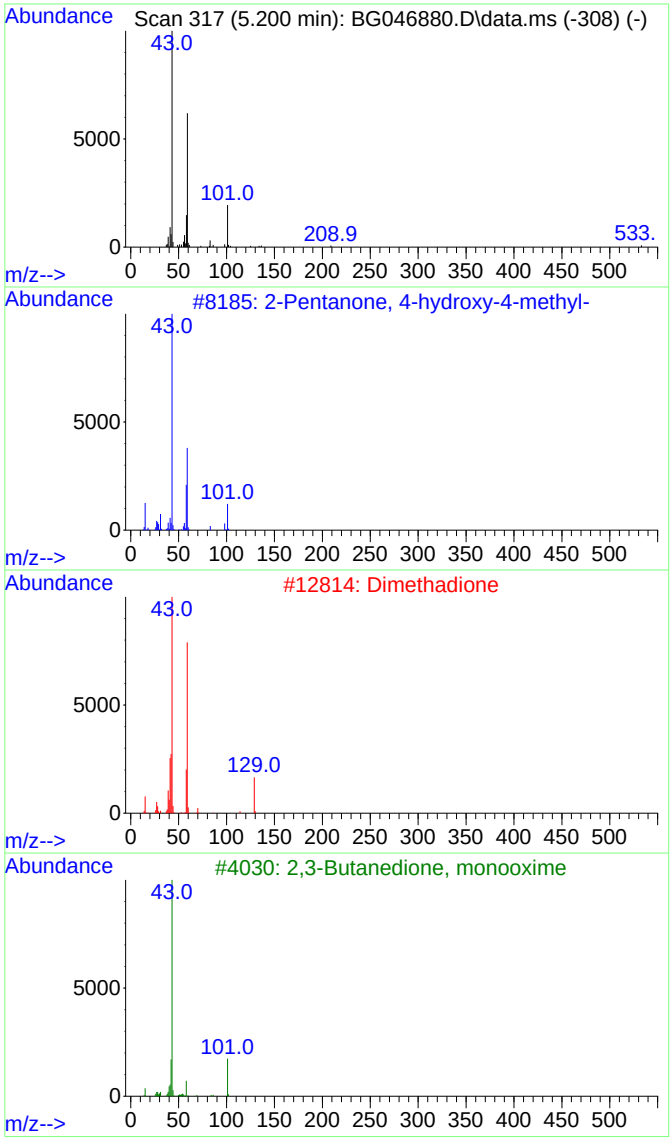
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

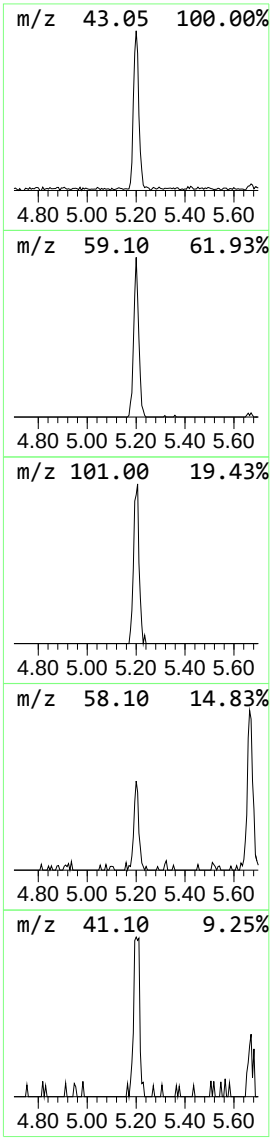
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.200	4.91 ng	102225	1,4-Dichlorobenzene-d4	8.102

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Dimethadione	129	C5H7NO3	000695-53-4	40
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
5	Tetraglyme	222	C10H22O5	000143-24-8	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101320\
Data File : BG046880.D
Acq On : 13 Oct 2020 19:05
Operator : CG/JU
Sample : L4370-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 343

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

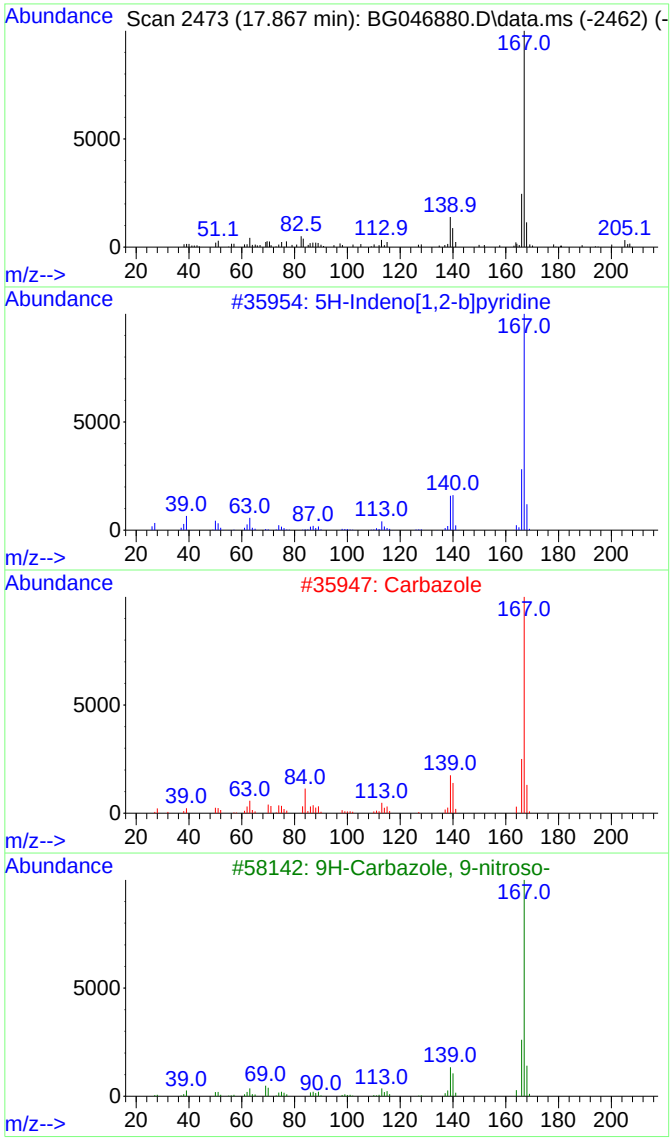
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

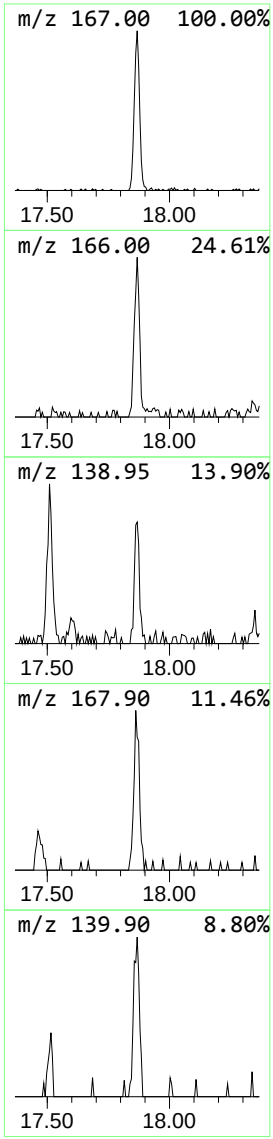
****

Peak Number 2 5H-Indeno[1,2-b]pyridine Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.867	2.24 ng	121718	Phenanthrene-d10	17.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	87
2	Carbazole	167	C12H9N	000086-74-8	87
3	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	86
4	D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	72
5	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101320\
Data File : BG046880.D
Acq On : 13 Oct 2020 19:05
Operator : CG/JU
Sample : L4370-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 343

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

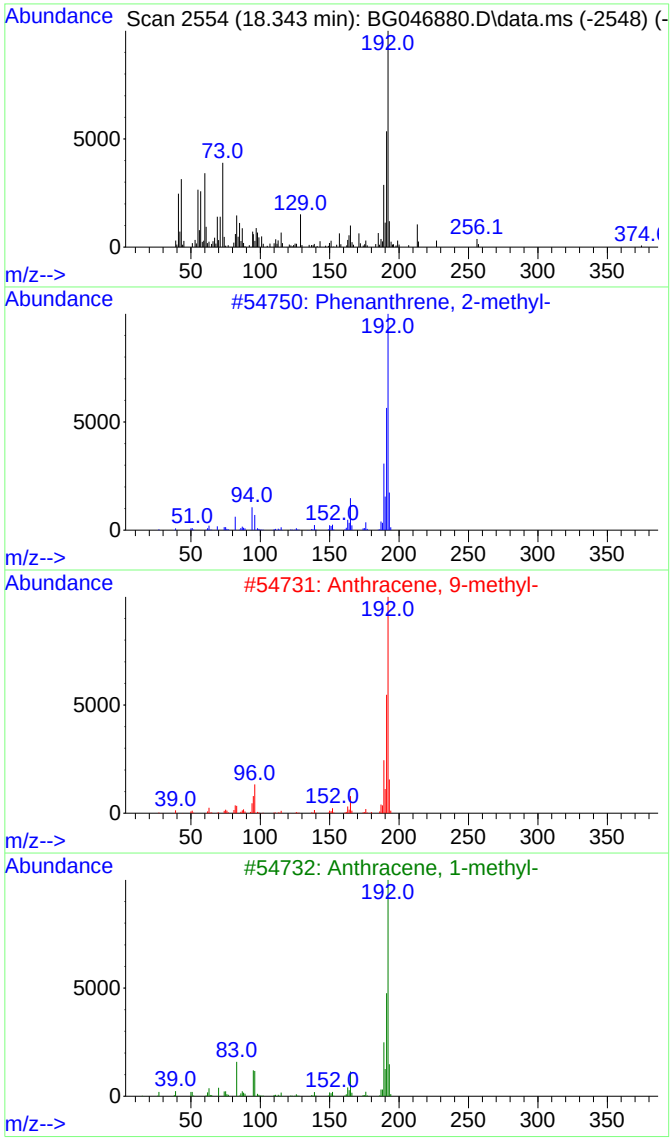
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

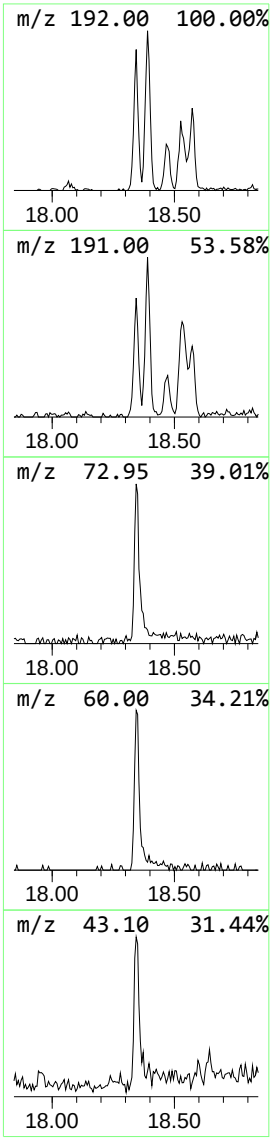
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.343	4.13 ng	224846	Phenanthrene-d10	17.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	70
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101320\
Data File : BG046880.D
Acq On : 13 Oct 2020 19:05
Operator : CG/JU
Sample : L4370-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 343

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

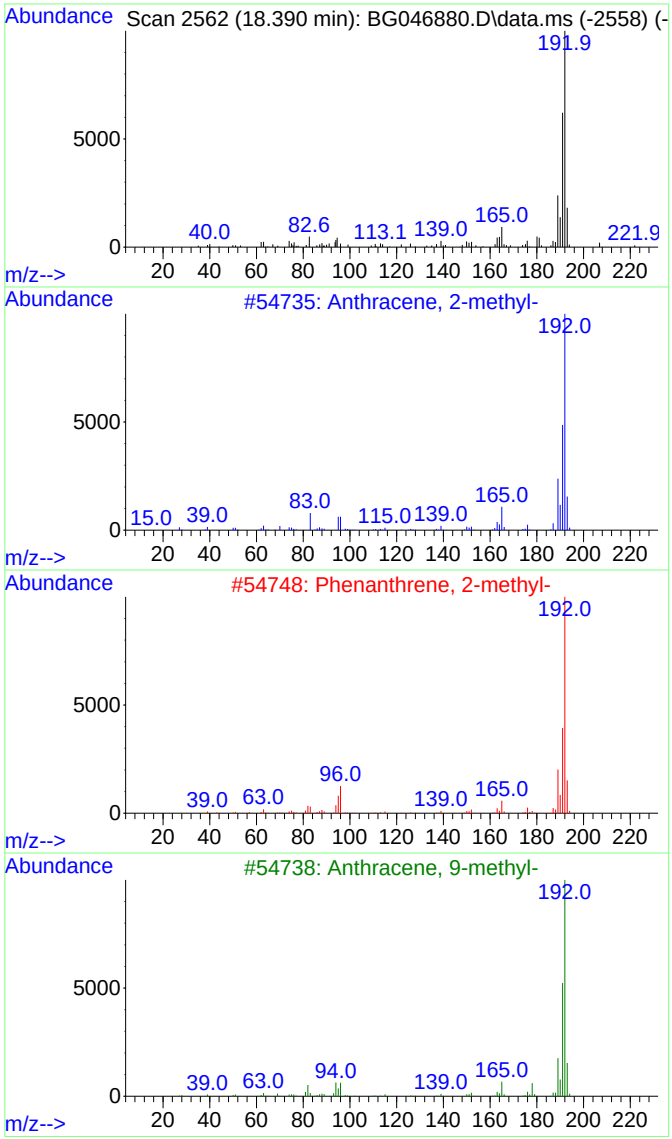
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

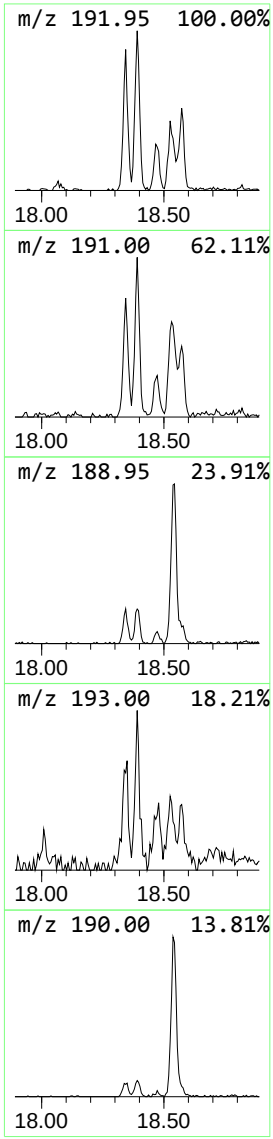
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.390	2.50 ng	136099	Phenanthrene-d10	17.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101320\
Data File : BG046880.D
Acq On : 13 Oct 2020 19:05
Operator : CG/JU
Sample : L4370-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 343

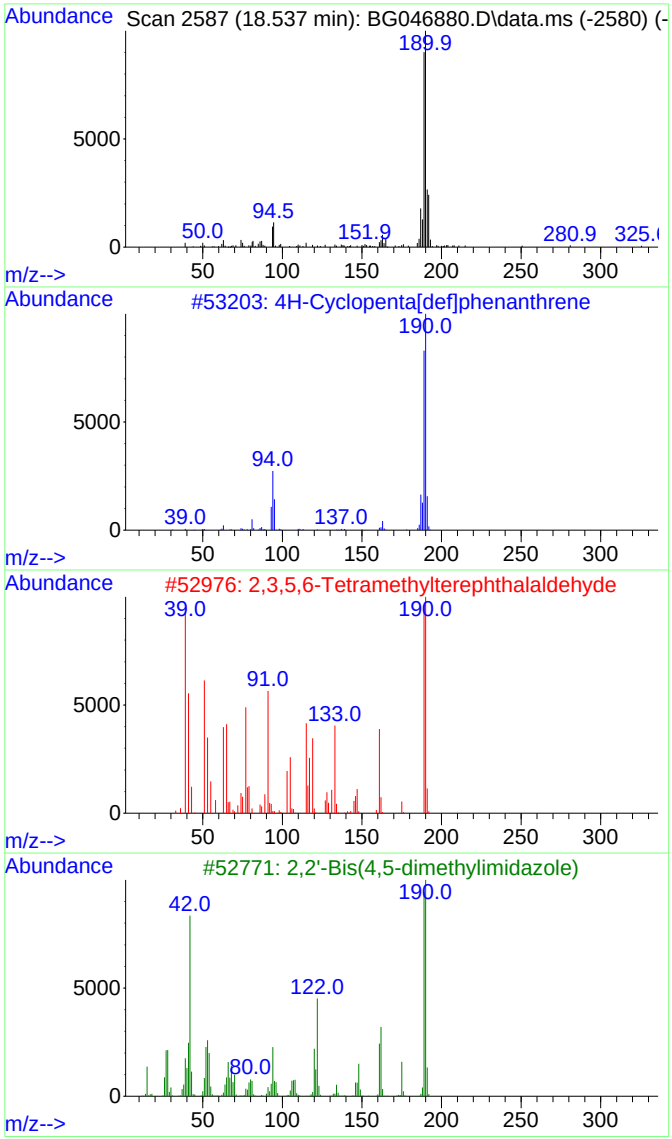
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

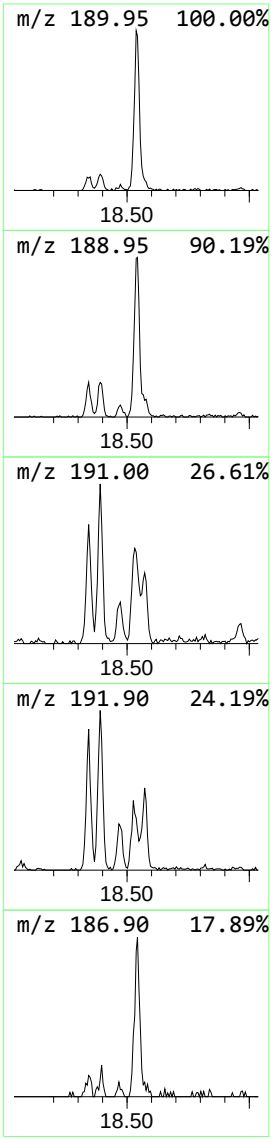
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.537	3.96 ng	215166	Phenanthrene-d10	17.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	33
5	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101320\
Data File : BG046880.D
Acq On : 13 Oct 2020 19:05
Operator : CG/JU
Sample : L4370-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 343

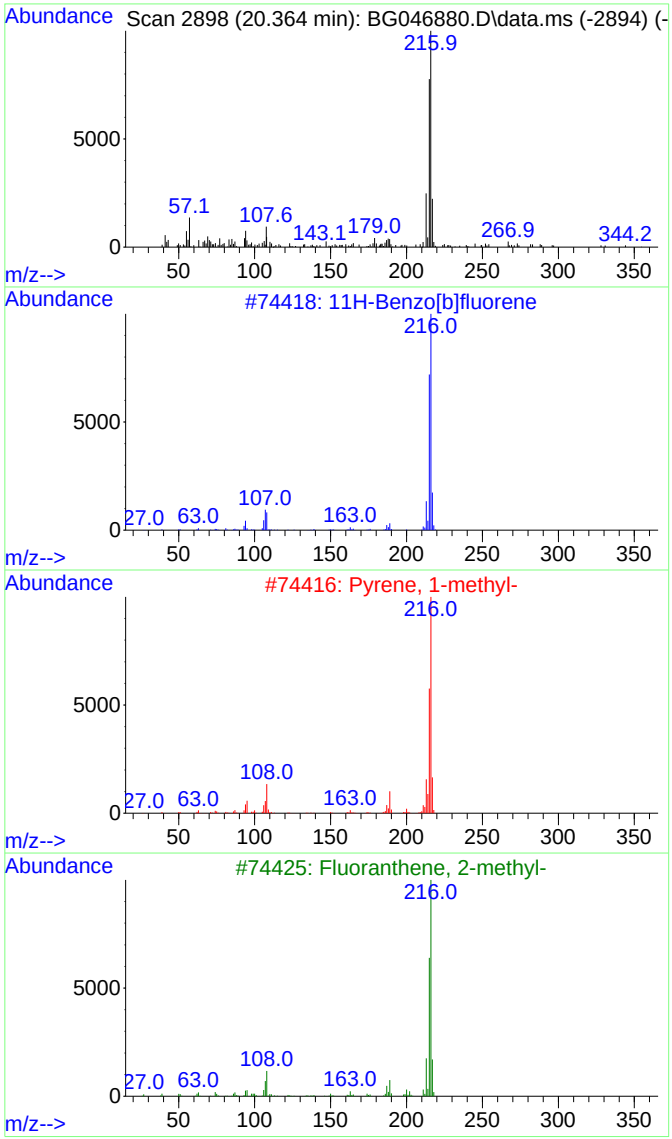
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

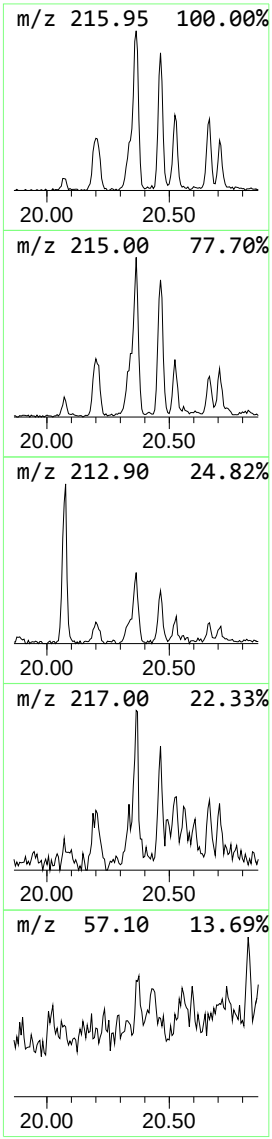
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.365	2.18 ng	185365	Chrysene-d12	21.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101320\
Data File : BG046880.D
Acq On : 13 Oct 2020 19:05
Operator : CG/JU
Sample : L4370-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 343

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

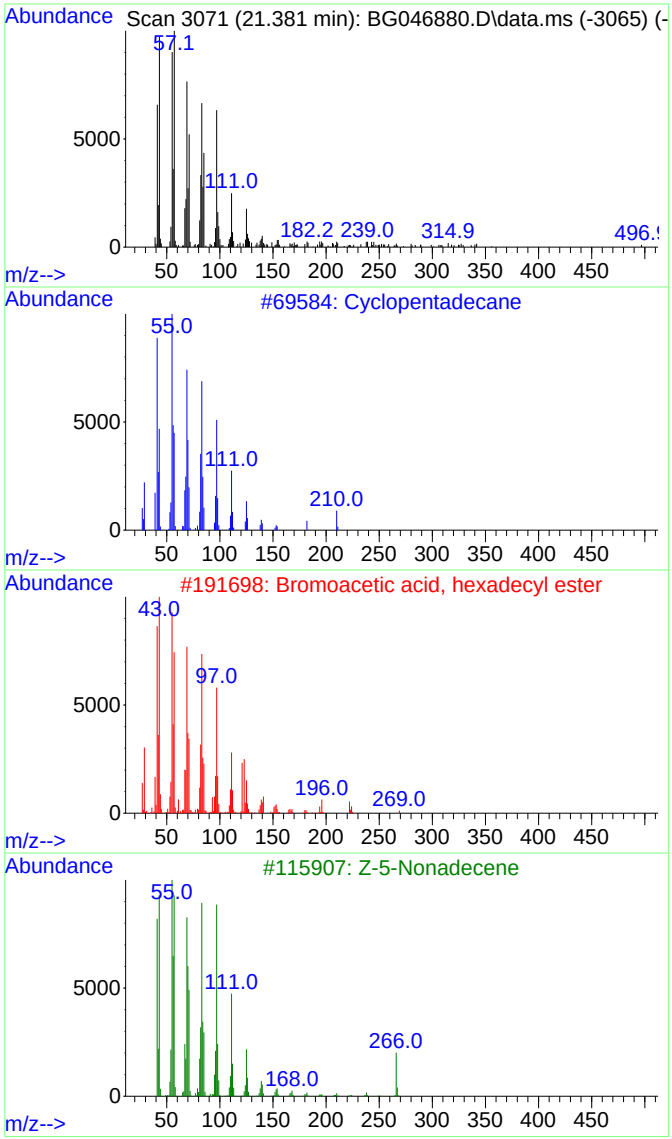
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

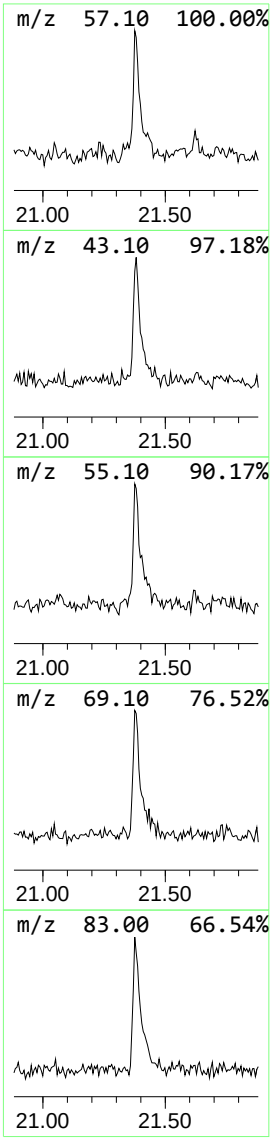
****

Peak Number 7 Cyclopentadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.381	5.05 ng	429058	Chrysene-d12	21.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	89
2	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	74
3	Z-5-Nonadecene	266	C19H38	1000131-11-8	74
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	70
5	1-Docosene	308	C22H44	001599-67-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101320\
Data File : BG046880.D
Acq On : 13 Oct 2020 19:05
Operator : CG/JU
Sample : L4370-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 343

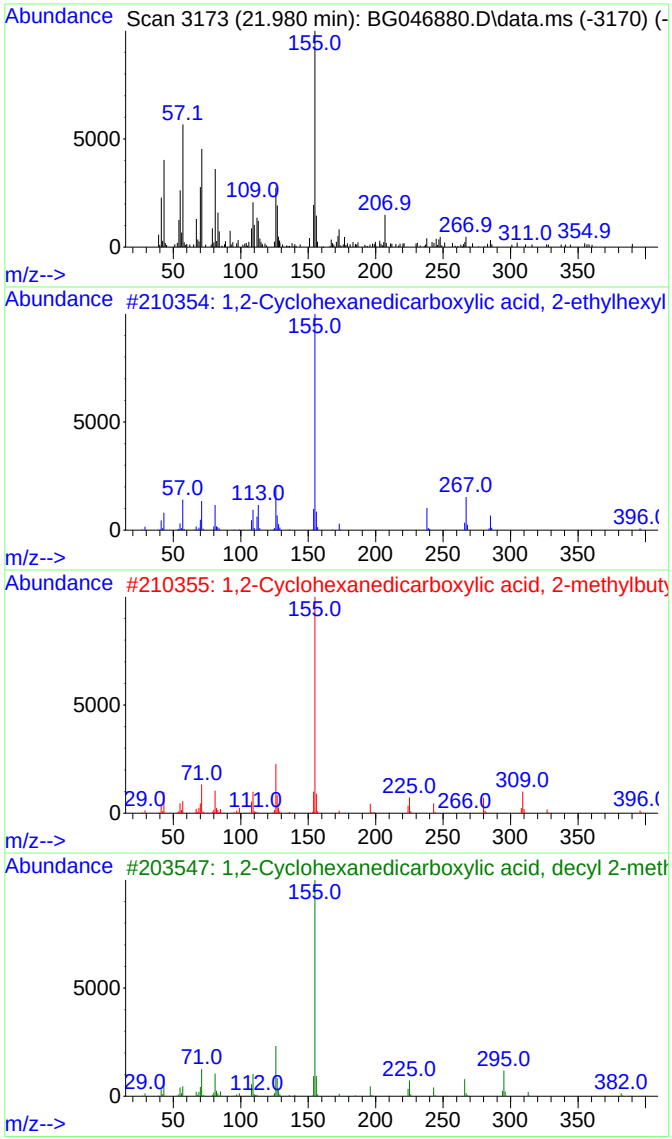
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

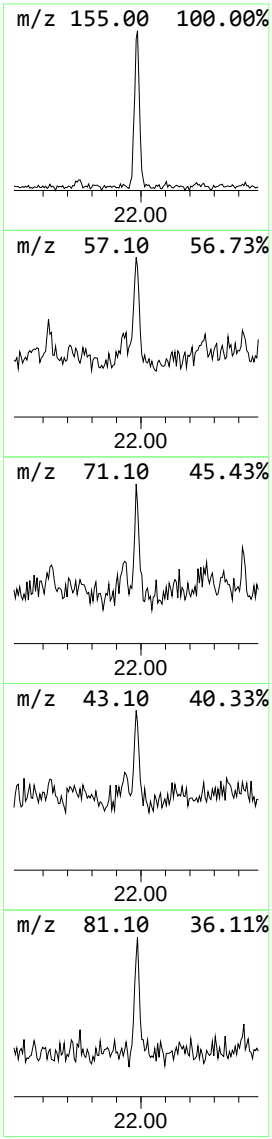
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1,2-Cyclohexanedicarboxylic... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.980	2.23 ng	189142	Chrysene-d12	21.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Cyclohexanedicarboxylic acid...	396	C24H44O4	1000339-45-7	72
2	1,2-Cyclohexanedicarboxylic acid...	396	C24H44O4	1000339-55-0	64
3	1,2-Cyclohexanedicarboxylic acid...	382	C23H42O4	1000339-54-9	64
4	1,2-Cyclohexanedicarboxylic acid...	354	C21H38O4	1000339-50-6	53
5	1,2-Cyclohexanedicarboxylic acid...	438	C22H31BrO4	1000339-63-1	50





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Data File : BG046880.D
Acq On : 13 Oct 2020 19:05
Operator : CG/JU
Sample : L4370-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 343

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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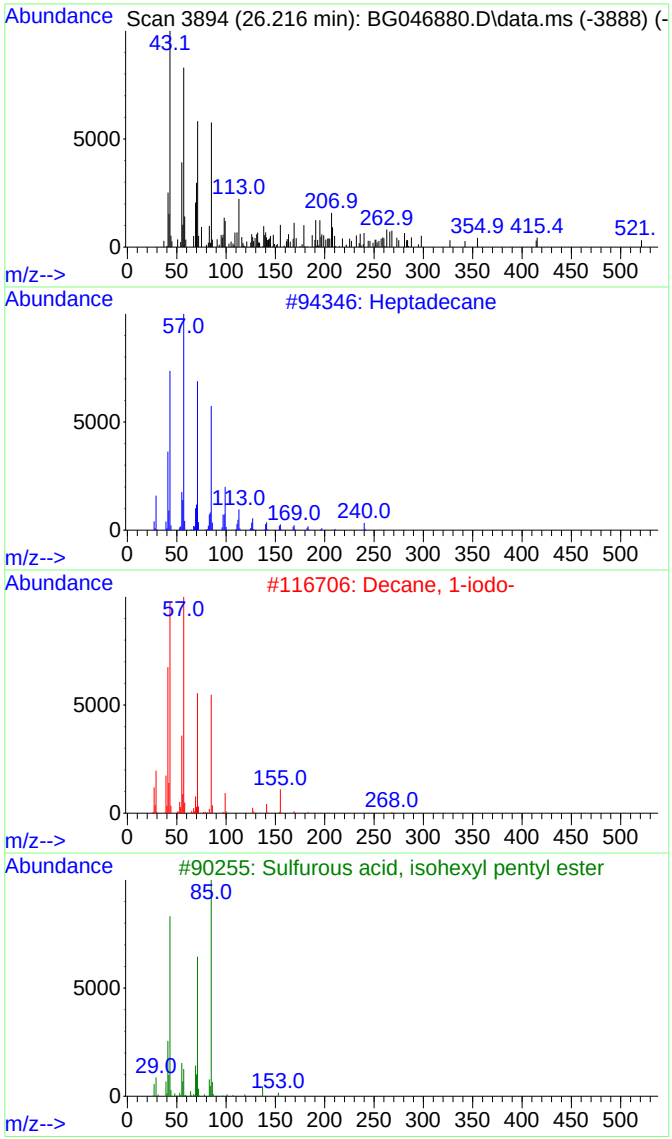
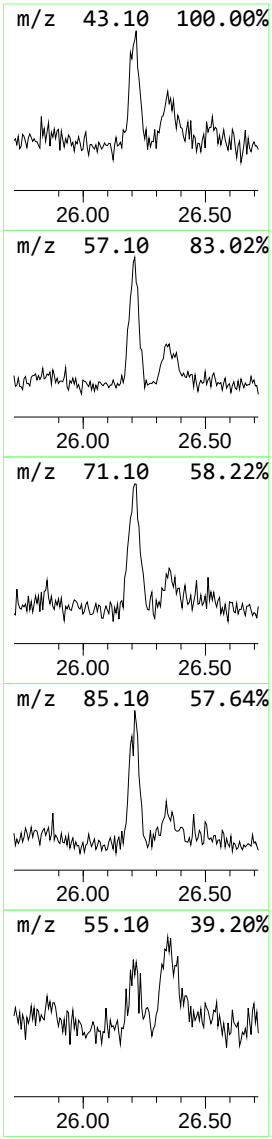
Peak Number 9 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.216	2.86 ng	165228	Perylene-d12	25.012

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	52
2	Decane, 1-iodo-	268	C10H21I	002050-77-3	49
3	Sulfurous acid, isohexyl pentyl ...	236	C11H24O3S	1000309-14-0	47
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	43
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101320\
Data File : BG046880.D
Acq On : 13 Oct 2020 19:05
Operator : CG/JU
Sample : L4370-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 343

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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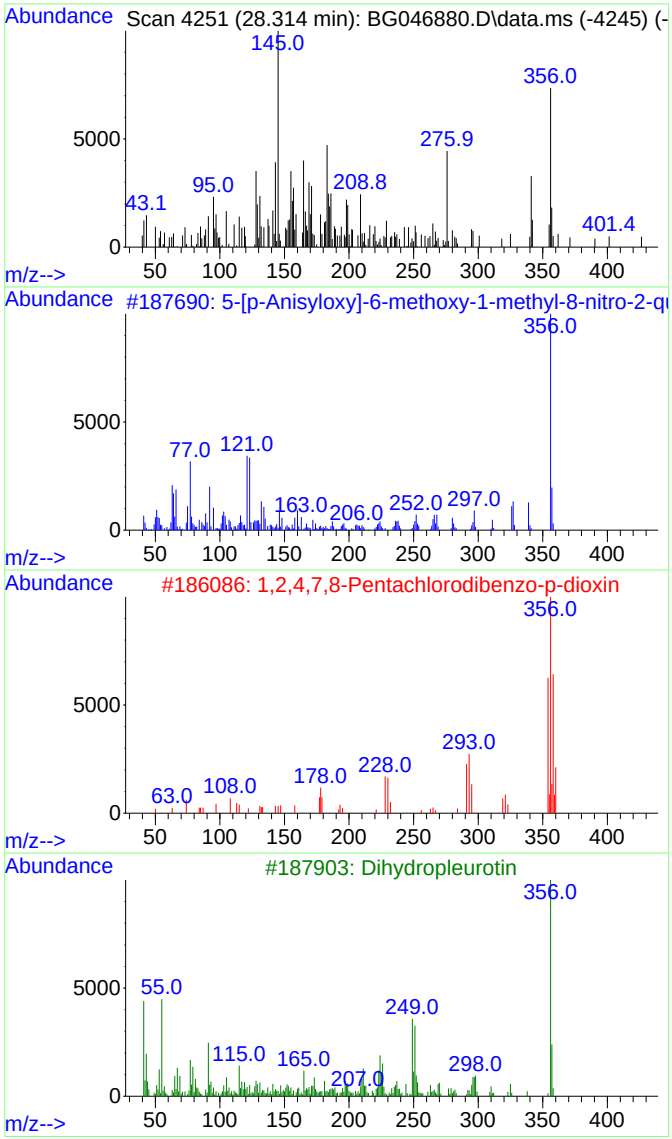
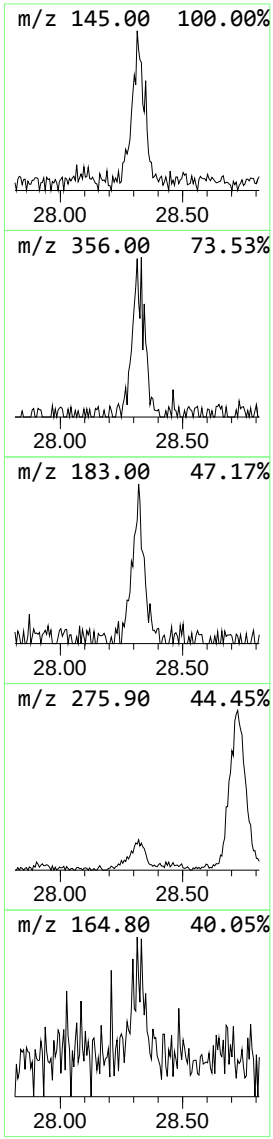
Peak Number 10 unknown28.314 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.314	2.97 ng	171558	Perylene-d12	25.012

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-[p-Anisyloxy]-6-methoxy-1-meth...	356	C18H16N2O6	1000227-46-6	25
2	1,2,4,7,8-Pentachlorodibenzo-p-d...	354	C12H3Cl5O2	058802-08-7	15
3	Dihydropleurotin	356	C21H24O5	1000116-15-1	15
4	5,12d-Ethano(furo[2,3,4-mn]oxepi...	356	C21H24O5	1000189-58-2	11
5	3'-Spirocyclohexyl-3,3-dimethyl-...	356	C25H28N2	1000301-48-0	11





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101320\
Data File : BG046880.D
Acq On : 13 Oct 2020 19:05
Operator : CG/JU
Sample : L4370-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 343

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.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-...	5.200	4.9	ng	102225	1	8.102	416712	20.0
5H-Indeno[1,2-b...	17.867	2.2	ng	121718	4	17.468	1087810	20.0
Phenanthrene, 2...	18.343	4.1	ng	224846	4	17.468	1087810	20.0
Anthracene, 2-m...	18.390	2.5	ng	136099	4	17.468	1087810	20.0
4H-Cyclopenta[d...	18.537	4.0	ng	215166	4	17.468	1087810	20.0
11H-Benzo[b]flu...	20.365	2.2	ng	185365	5	21.739	1699920	20.0
Cyclopentadecane	21.381	5.0	ng	429058	5	21.739	1699920	20.0
1,2-Cyclohexane...	21.980	2.2	ng	189142	5	21.739	1699920	20.0
Heptadecane	26.216	2.9	ng	165228	6	25.012	1157130	20.0
unknown28.314	28.314	3.0	ng	171558	6	25.012	1157130	20.0