LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054128.D
Acq On : 28 Jun 2022 22:07
Operator : CG/JU
Sample : N3488-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-9-8.5-10.5-20220623

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-BG061322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054128.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.165	297	302	312	rBV2	11223	18959	1.13%	0.168%
2	5.641	376	383	394	rBV	378134	651462	38.80%	5.757%
3	7.233	646	654	663	rBV	409932	750142	44.68%	6.629%
4	8.073	789	797	803	rBV	92452	165474	9.86%	1.462%
5	9.230	987	994	1003	rVB	257671	483557	28.80%	4.273%
6	10.881	1266	1275	1280	rBV	126423	245135	14.60%	2.166%
7	10.934	1280	1284	1291	rVB	34539	62203	3.71%	0.550%
8	12.532	1551	1556	1563	rBV2	11540	18292	1.09%	0.162%
9	13.320	1683	1690	1702	rVB	755288	1216859	72.48%	10.754%
10	13.520	1718	1724	1730	rBV2	9739	16791	1.00%	0.148%
11	14.701	1916	1925	1931	rBV	207976	348495	20.76%	3.080%
12	14.759	1931	1935	1942	rVB3	12800	21565	1.28%	0.191%
13	15.535	2063	2067	2073	rVB	15422	19867	1.18%	0.176%
14	15.740	2094	2102	2110	rBV2	14140	26807	1.60%	0.237%
15	16.181	2170	2177	2185	rBV2	403896	632189	37.66%	5.587%
16	16.399	2210	2214	2216	rBV	26506	38951	2.32%	0.344%
17	17.098	2328	2333	2339	rVB2	13240	22585	1.35%	0.200%
18	17.192	2345	2349	2354	rVB2	26677	37088	2.21%	0.328%
19	17.250	2354	2359	2367	rVB2	19718	41531	2.47%	0.367%
20	17.444	2384	2392	2395	rBV	263754	429070	25.56%	3.792%
21	17.485	2395	2399	2405	rVV	194272	305294	18.18%	2.698%
22	17.574	2408	2414	2419	rVB	41240	66290	3.95%	0.586%
23	17.626	2419	2423	2428	rBV3	8781	18276	1.09%	0.162%
24	17.838	2451	2459	2466	rBV2	25590	52761	3.14%	0.466%
25	17.932	2471	2475	2478	rBV	20076	25065	1.49%	0.222%
26	18.026	2486	2491	2499	rVB4	12507	24979	1.49%	0.221%
27	18.102	2500	2504	2511	rBV10	8695	17599	1.05%	0.156%
28	18.320	2535	2541	2545	rBV2	57906	98994	5.90%	0.875%
29	18.367	2545	2549	2553	rVB	40355	66407	3.96%	0.587%
30	18.443	2559	2562	2567	rVB2	15531	23007	1.37%	0.203%
31	18.514	2567	2574	2578	rBV4	48126	104242	6.21%	0.921%
32	18.619	2588	2592	2596	rBV2	21343	31160	1.86%	0.275%
33	18.813	2621	2625	2628	rVB	26624	34300	2.04%	0.303%
34	18.849	2628	2631	2642	rVB5	23483	53808	3.21%	0.476%
35	19.236	2692	2697	2703	rBV3	34140	78145	4.65%	0.691%
36	19.372	2717	2720	2723	rBV2	12757	17989	1.07%	0.159%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054128.D
Acq On : 28 Jun 2022 22:07
Operator : CG/JU
Sample : N3488-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-9-8.5-10.5-20220623

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-BG061322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.495	2735	2741	2747	rBV	366803	541511	32.25%	4.786%
38	19.824	2792	2797	2798	rBV2	84090	104929	6.25%	0.927%
39	19.853	2798	2802	2810	rVB	343666	531809	31.68%	4.700%
40	20.047	2829	2835	2840	rBV	1212962	1678845	100.00%	14.837%
41	20.194	2858	2860	2865	rVB2	57077	61378	3.66%	0.542%
42	20.441	2900	2902	2907	rBV	27488	36197	2.16%	0.320%
43	20.735	2947	2952	2957	rVB	309262	395168	23.54%	3.492%
44	21.087	3008	3012	3014	rBV	58226	87146	5.19%	0.770%
45	21.346	3053	3056	3061	rVB3	57421	86855	5.17%	0.768%
46	21.716	3111	3119	3124	rBV3	341026	846032	50.39%	7.477%
47	21.763	3124	3127	3136	rVB	162712	294378	17.53%	2.602%
48	24.983	3668	3675	3684	rBV2	132728	385670	22.97%	3.408%

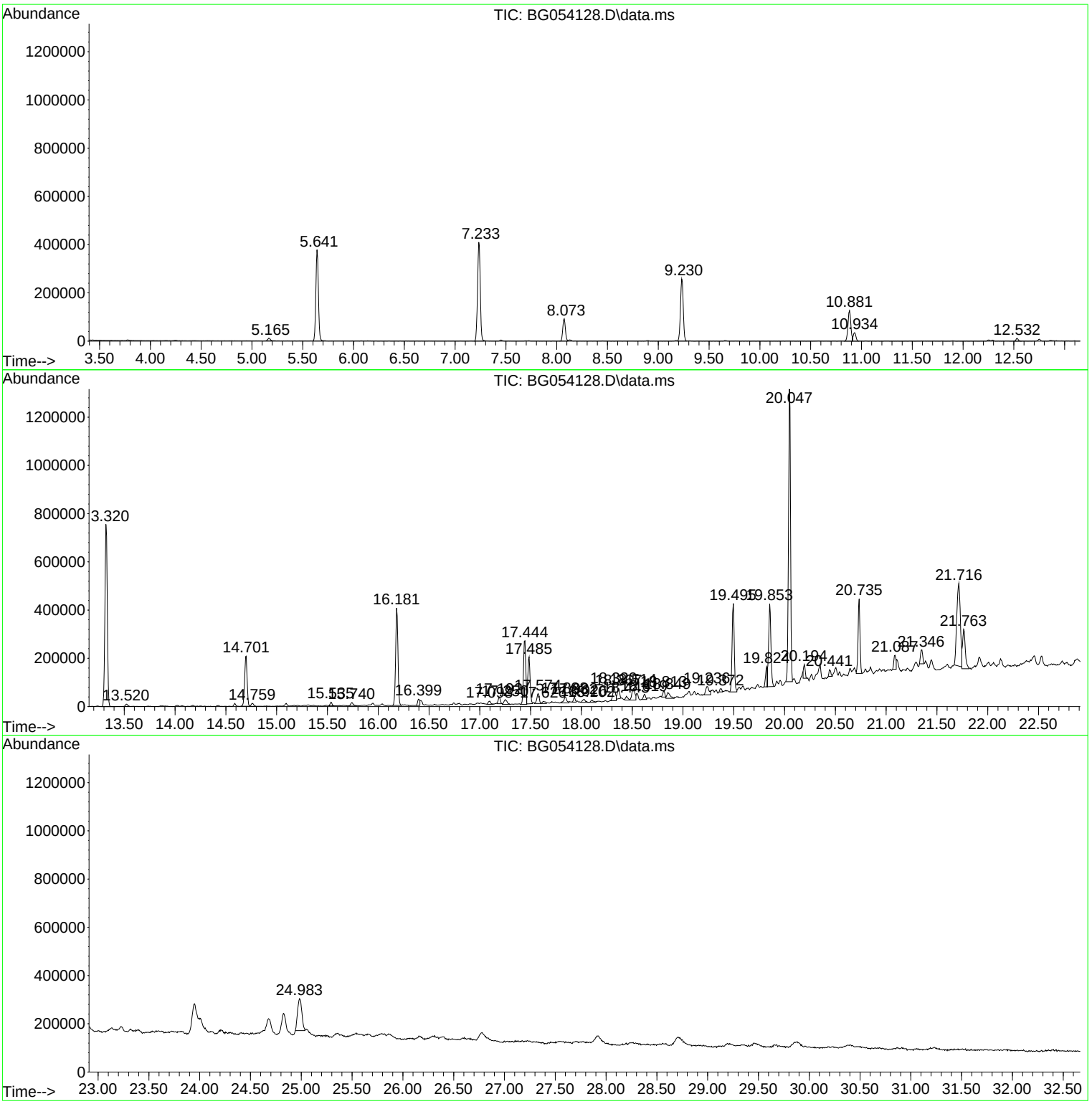
Sum of corrected areas: 11315256

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054128.D
Acq On : 28 Jun 2022 22:07
Operator : CG/JU
Sample : N3488-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-9-8.5-10.5-20220623

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.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\BG062822\
Data File : BG054128.D
Acq On : 28 Jun 2022 22:07
Operator : CG/JU
Sample : N3488-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-9-8.5-10.5-20220623

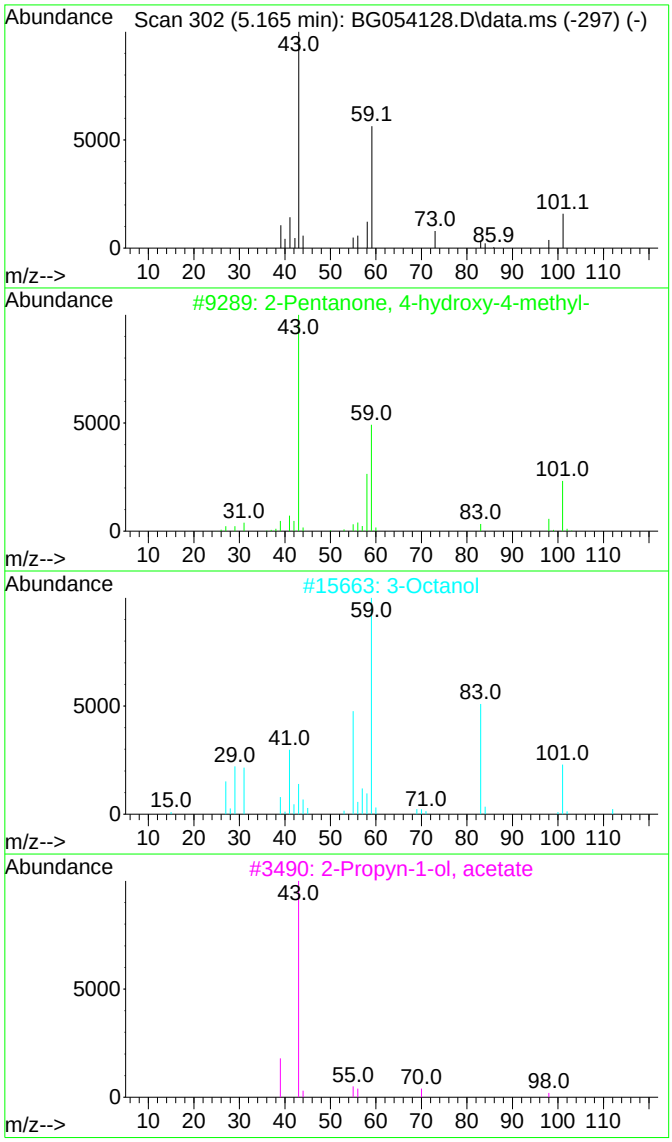
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

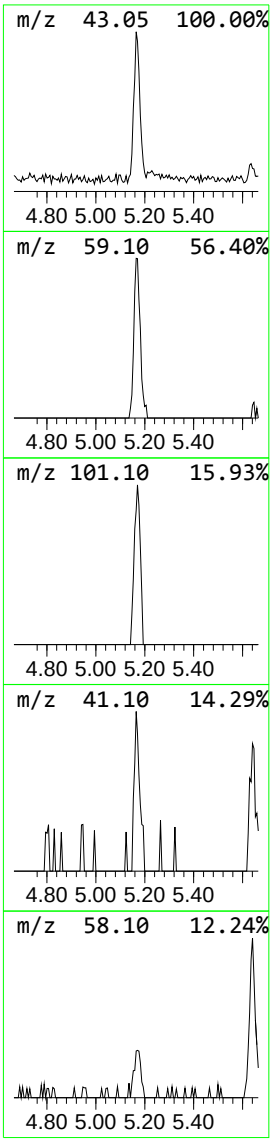
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.165	2.29 ng	18959	1,4-Dichlorobenzene-d4	8.073

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Octanol	130	C8H18O	000589-98-0	25
3	2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	9
4	3-Hexanol	102	C6H14O	000623-37-0	9
5	2-Methyl-2,3-pentanediol	118	C6H14O2	007795-80-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054128.D
Acq On : 28 Jun 2022 22:07
Operator : CG/JU
Sample : N3488-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-9-8.5-10.5-20220623

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

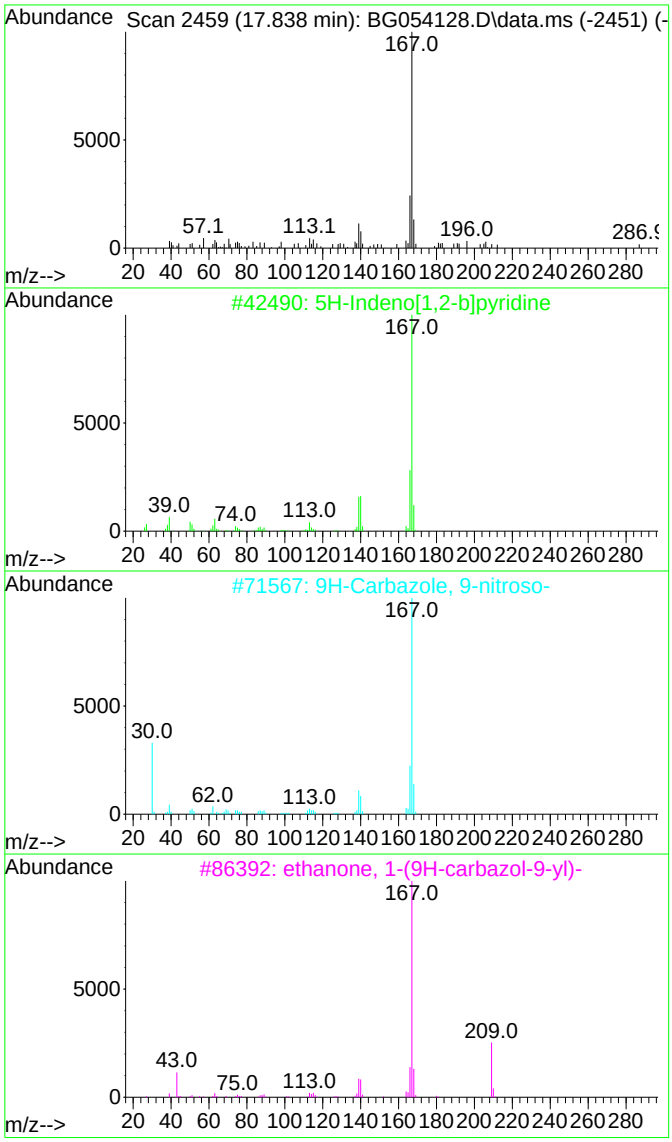
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

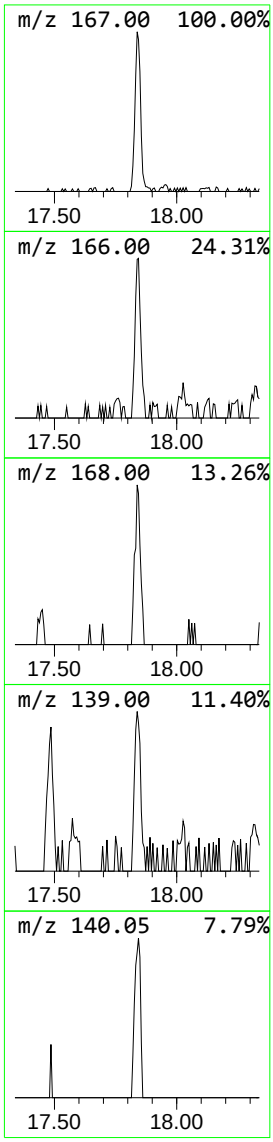
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.838	2.46 ng	52761	Phenanthrene-d10	17.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	90
2	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	86
3	ethanone, 1-(9H-carbazol-9-yl)-	209	C14H11NO	1000400-59-5	81
4	Carbazole	167	C12H9N	000086-74-8	81
5	1H-Benzotriazole, 1-phenyl-	195	C12H9N3	000883-39-6	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054128.D
Acq On : 28 Jun 2022 22:07
Operator : CG/JU
Sample : N3488-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-9-8.5-10.5-20220623

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

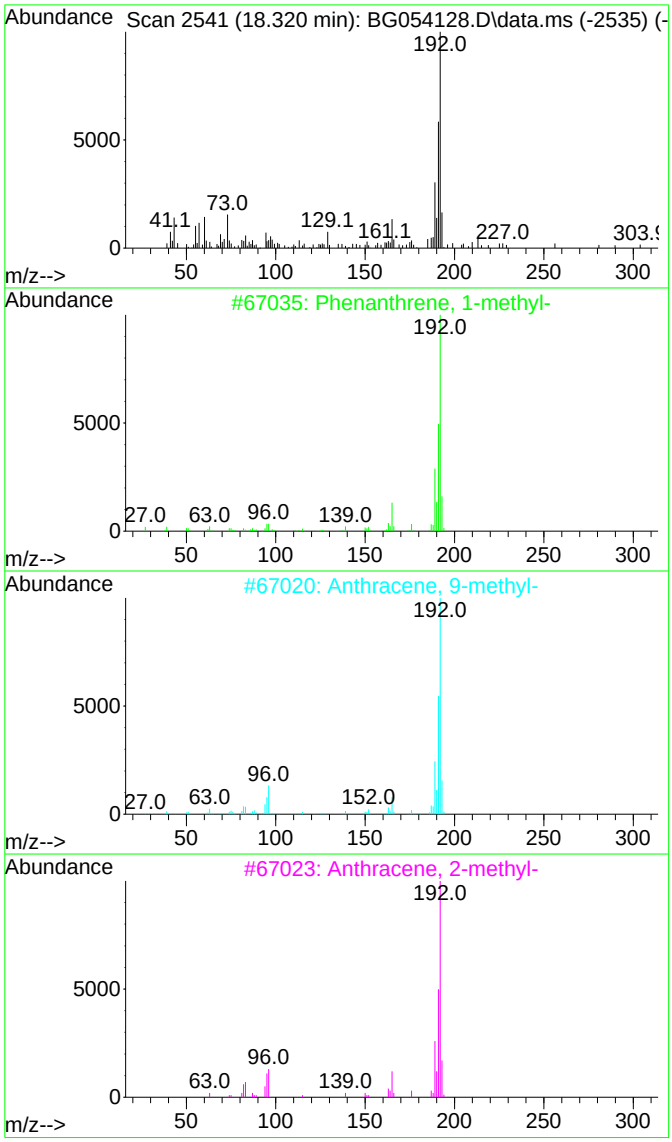
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

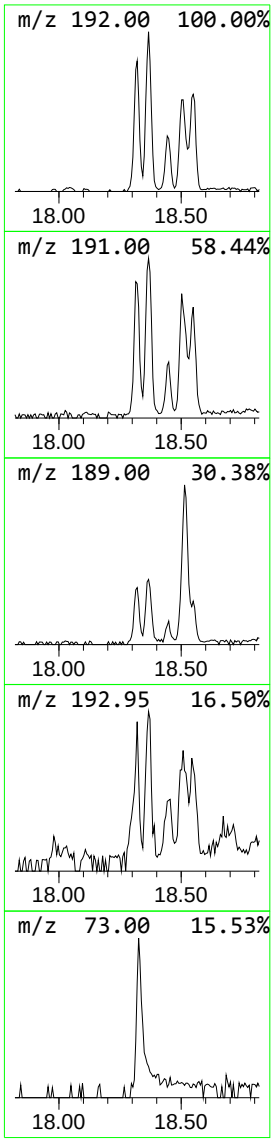
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.320	4.61 ng	98994	Phenanthrene-d10	17.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054128.D
Acq On : 28 Jun 2022 22:07
Operator : CG/JU
Sample : N3488-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-9-8.5-10.5-20220623

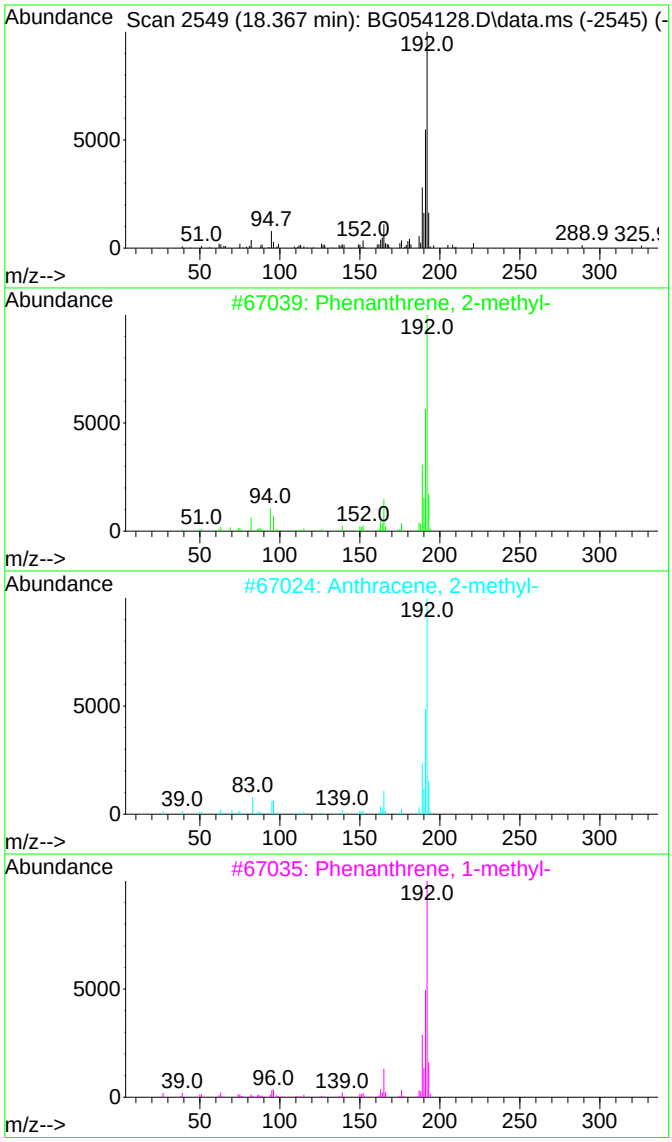
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

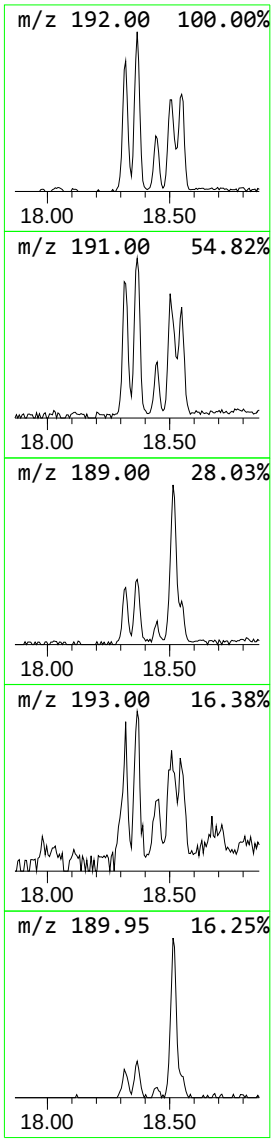
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.367	3.10 ng	66407	Phenanthrene-d10	17.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054128.D
Acq On : 28 Jun 2022 22:07
Operator : CG/JU
Sample : N3488-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-9-8.5-10.5-20220623

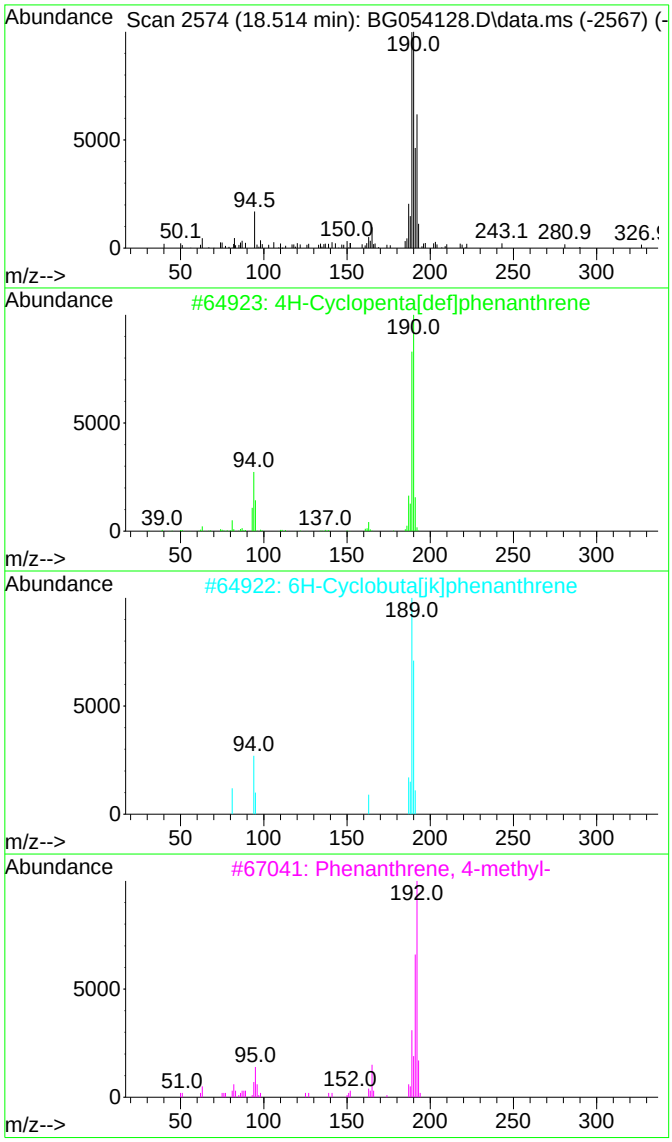
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

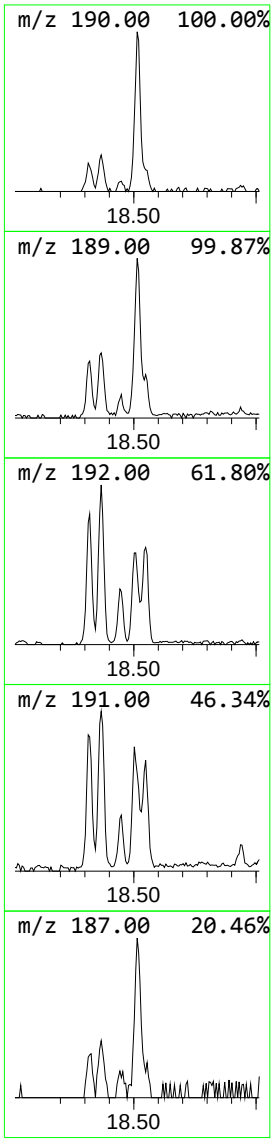
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.514	4.86 ng	104242	Phenanthrene-d10	17.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	30
5	1-(9-Phenanthrenyl)-2-propanol	236	C17H16O	1000326-09-0	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054128.D
Acq On : 28 Jun 2022 22:07
Operator : CG/JU
Sample : N3488-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-9-8.5-10.5-20220623

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

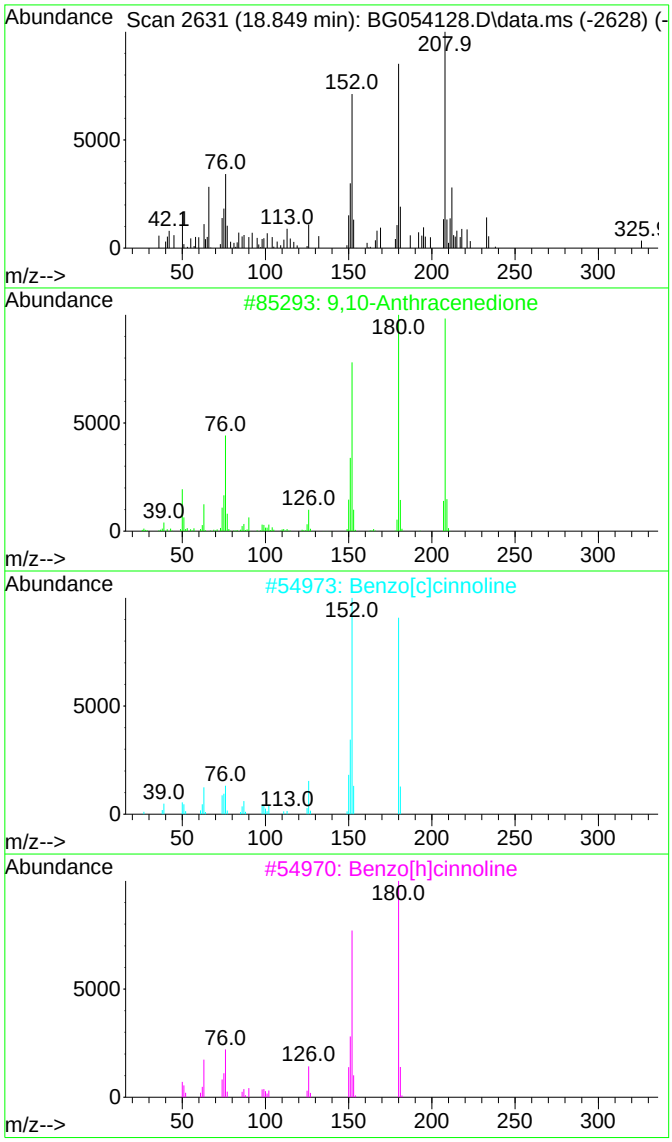
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

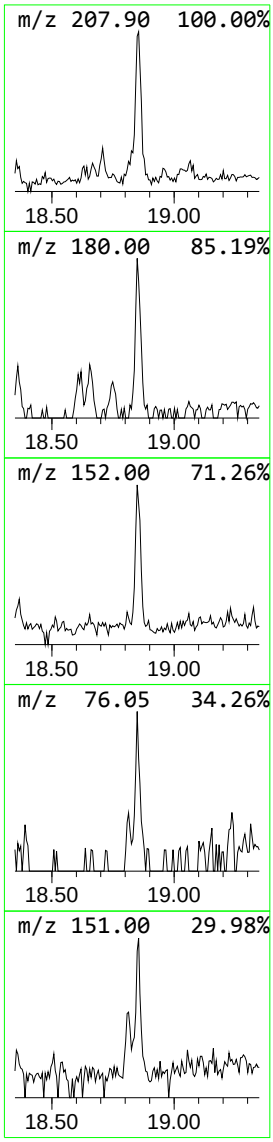
****

Peak Number 6 9,10-Anthracenedione Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.849	2.51 ng	53808	Phenanthrene-d10	17.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	80
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	56
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054128.D
Acq On : 28 Jun 2022 22:07
Operator : CG/JU
Sample : N3488-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-9-8.5-10.5-20220623

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

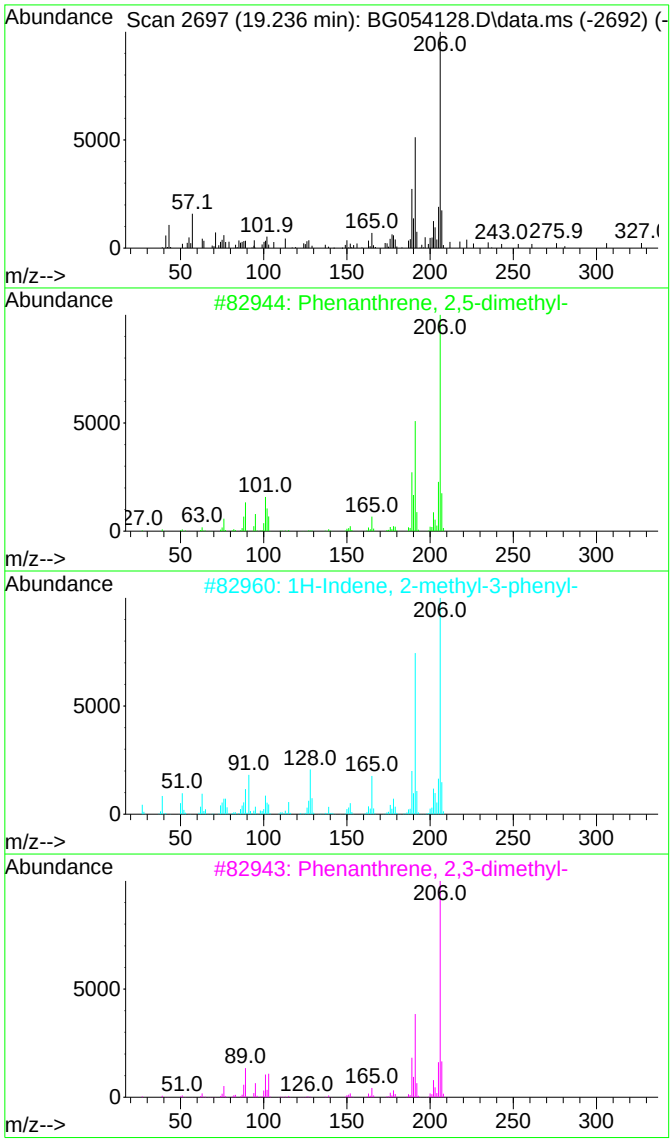
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

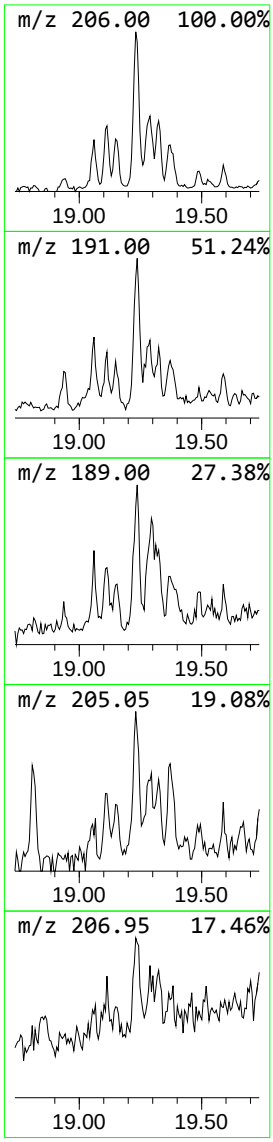
****

Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.236	3.64 ng	78145	Phenanthrene-d10	17.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	87
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054128.D
Acq On : 28 Jun 2022 22:07
Operator : CG/JU
Sample : N3488-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-9-8.5-10.5-20220623

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

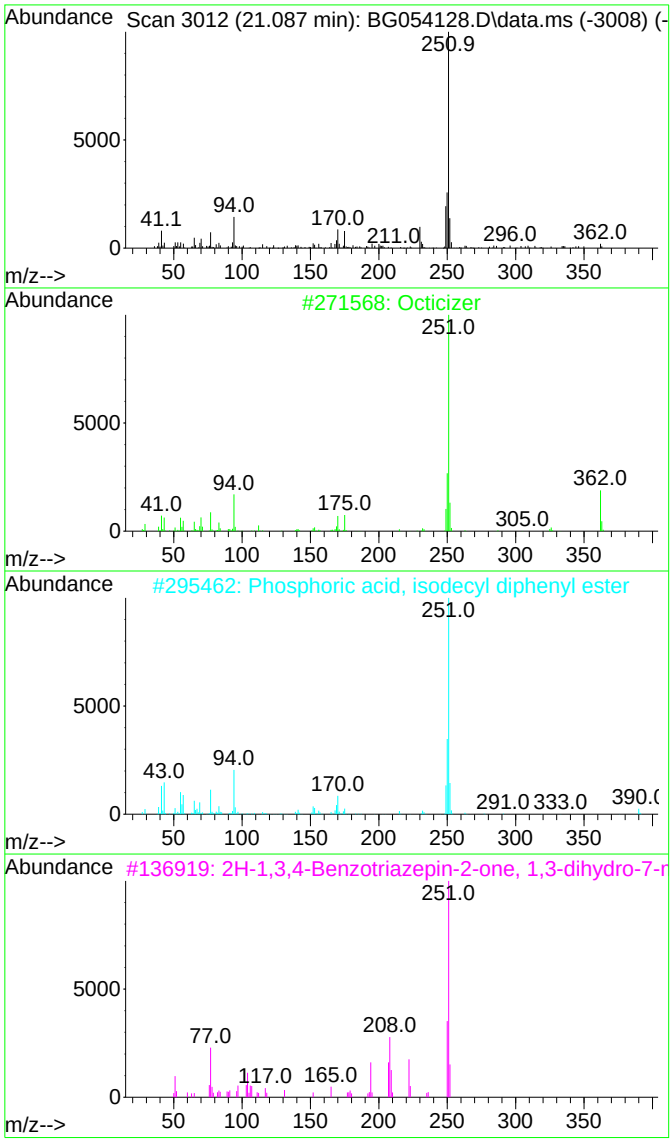
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

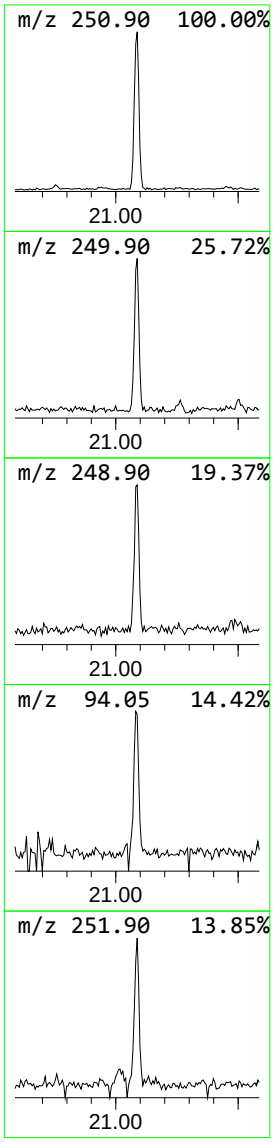
****

Peak Number 8 Octicizer Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.087	2.06 ng	87146	Chrysene-d12	21.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octicizer	362	C20H27O4P	001241-94-7	95
2	Phosphoric acid, isodecyl diphen...	390	C22H31O4P	1346599-15-2	43
3	2H-1,3,4-Benzotriazepin-2-one, 1...	251	C15H13N3O	002855-57-4	40
4	trans-4-(Dimethylamino)chalcone	251	C17H17NO	022965-98-6	40
5	7H-Pyrazolo[4,3-E][1,2,4]triazol...	251	C12H9N7	1000310-01-6	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054128.D
Acq On : 28 Jun 2022 22:07
Operator : CG/JU
Sample : N3488-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-9-8.5-10.5-20220623

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

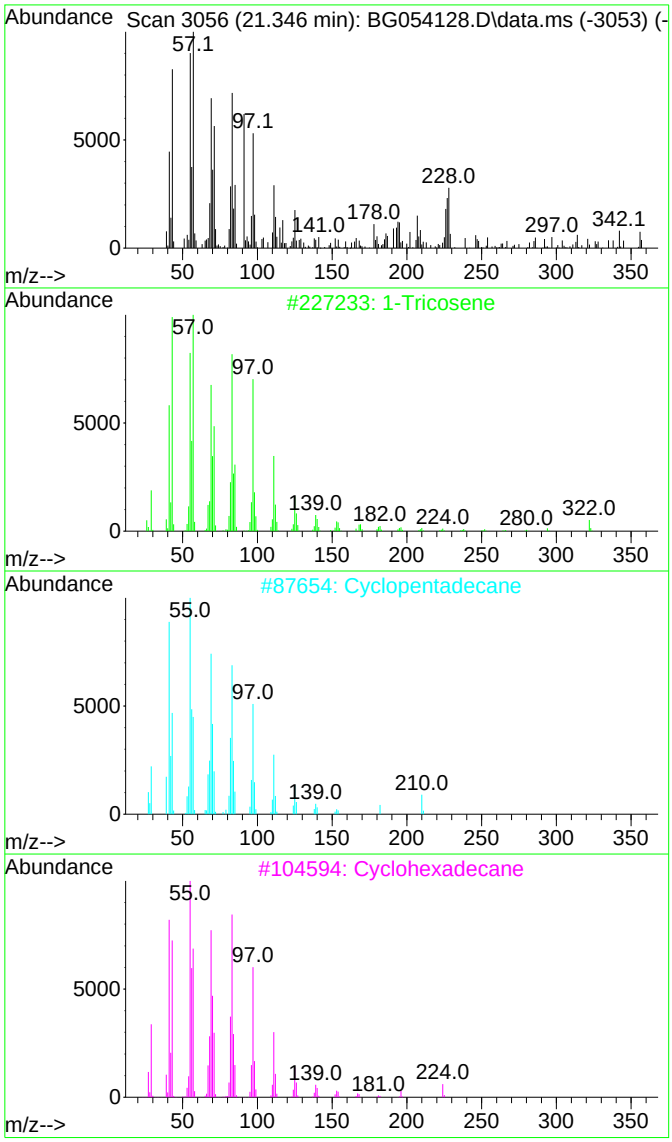
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

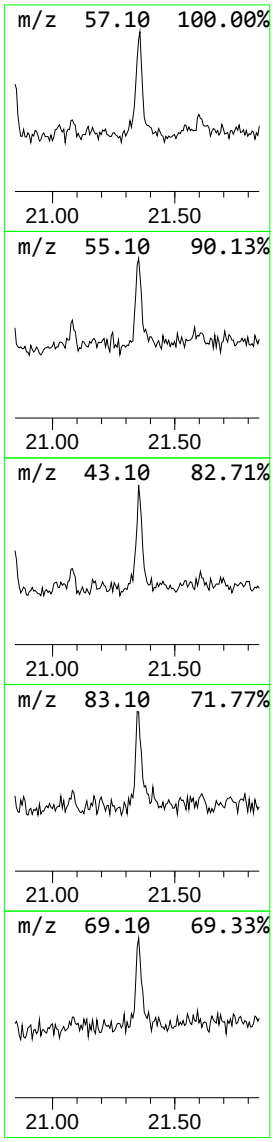
****

Peak Number 9 1-Tricosene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.346	2.05 ng	86855	Chrysene-d12	21.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	95
2	Cyclopentadecane	210	C15H30	000295-48-7	95
3	Cyclohexadecane	224	C16H32	000295-65-8	91
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	86
5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054128.D
Acq On : 28 Jun 2022 22:07
Operator : CG/JU
Sample : N3488-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-9-8.5-10.5-20220623

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.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
2-Pentanone, 4-...	5.165	2.3	ng	18959	1	8.073	165474	20.0
5H-Indeno[1,2-b...	17.838	2.5	ng	52761	4	17.439	429070	20.0
Phenanthrene, 1...	18.320	4.6	ng	98994	4	17.439	429070	20.0
Phenanthrene, 2...	18.367	3.1	ng	66407	4	17.439	429070	20.0
4H-Cyclopenta[d...	18.514	4.9	ng	104242	4	17.439	429070	20.0
9,10-Anthracene...	18.849	2.5	ng	53808	4	17.439	429070	20.0
Phenanthrene, 2...	19.236	3.6	ng	78145	4	17.439	429070	20.0
Octicizer	21.087	2.1	ng	87146	5	21.722	846032	20.0
1-Tricosene	21.346	2.0	ng	86855	5	21.722	846032	20.0