LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054127.D
Acq On : 28 Jun 2022 21:28
Operator : CG/JU
Sample : N3488-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-12-0-2-20220623

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: BG054127.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.170	296	303	309	rBV2	11540	20455	1.45%	0.117%
2	5.640	376	383	394	rBV	265183	458718	32.47%	2.621%
3	7.232	647	654	667	rBV	289272	516812	36.58%	2.953%
4	8.073	790	797	804	rBV	87694	156412	11.07%	0.894%
5	9.230	987	994	1003	rBV	177850	335128	23.72%	1.915%
6	10.881	1264	1275	1281	rBV	124471	240604	17.03%	1.375%
7	10.934	1281	1284	1292	rVB	22414	34154	2.42%	0.195%
8	13.319	1683	1690	1698	rBV	561972	892073	63.14%	5.097%
9	14.700	1914	1925	1931	rBV	201589	342298	24.23%	1.956%
10	14.759	1931	1935	1943	rVB	46790	72037	5.10%	0.412%
11	15.094	1985	1992	1998	rVB	25021	37157	2.63%	0.212%
12	15.740	2097	2102	2110	rVB2	36151	60434	4.28%	0.345%
13	16.181	2170	2177	2187	rBV	400669	635675	44.99%	3.632%
14	16.398	2208	2214	2217	rBV3	12453	21602	1.53%	0.123%
15	17.091	2327	2332	2339	rVB	22058	33995	2.41%	0.194%
16	17.191	2341	2349	2355	rBV4	18058	34829	2.47%	0.199%
17	17.262	2355	2361	2366	rVB	21713	39093	2.77%	0.223%
18	17.444	2385	2392	2395	rBV	253656	426407	30.18%	2.436%
19	17.485	2395	2399	2405	rVV	415887	648833	45.92%	3.707%
20	17.573	2405	2414	2420	rVV	102843	173742	12.30%	0.993%
21	17.632	2420	2424	2429	rVV2	10766	16824	1.19%	0.096%
22	17.838	2451	2459	2466	rBV2	57883	109414	7.74%	0.625%
23	17.932	2470	2475	2477	rBV2	11122	14671	1.04%	0.084%
24	18.020	2485	2490	2497	rBV5	8985	14914	1.06%	0.085%
25	18.272	2529	2533	2536	rBV4	9940	16332	1.16%	0.093%
26	18.319	2536	2541	2545	rVV2	63230	101673	7.20%	0.581%
27	18.366	2545	2549	2557	rVB	65996	109682	7.76%	0.627%
28	18.443	2557	2562	2567	rBV	24700	41531	2.94%	0.237%
29	18.513	2568	2574	2578	rBV2	87908	159538	11.29%	0.912%
30	18.619	2587	2592	2595	rBV5	13899	20689	1.46%	0.118%
31	18.813	2620	2625	2628	rBV	40704	61652	4.36%	0.352%
32	18.854	2628	2632	2636	rVB	32685	48969	3.47%	0.280%
33	18.942	2642	2647	2652	rBV7	8002	15681	1.11%	0.090%
34	19.060	2663	2667	2671	rBV	14937	21400	1.51%	0.122%
35	19.230	2691	2696	2701	rBV4	28438	61571	4.36%	0.352%
36	19.371	2716	2720	2725	rBV	26560	41007	2.90%	0.234%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054127.D
Acq On : 28 Jun 2022 21:28
Operator : CG/JU
Sample : N3488-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-12-0-2-20220623

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	19.494	2734	2741	2747	rBV	885772	1308514	92.62%	7.477%
38	19.589	2753	2757	2762	rVB2	23619	32685	2.31%	0.187%
39	19.683	2769	2773	2776	rBV5	12897	19434	1.38%	0.111%
40	19.735	2779	2782	2789	rVB2	34906	58300	4.13%	0.333%
41	19.853	2791	2802	2810	rBV2	698333	1407093	99.59%	8.040%
42	19.923	2810	2814	2818	rBV2	33312	47533	3.36%	0.272%
43	20.047	2828	2835	2840	rBV	972650	1400543	99.13%	8.003%
44	20.094	2840	2843	2849	rVB	52629	75996	5.38%	0.434%
45	20.170	2851	2856	2857	rBV2	52307	72474	5.13%	0.414%
46	20.346	2882	2886	2891	rVB	140433	220886	15.63%	1.262%
47	20.388	2891	2893	2897	rBV2	14460	19208	1.36%	0.110%
48	20.446	2898	2903	2907	rBV	111761	177130	12.54%	1.012%
49	20.505	2907	2913	2916	rVV2	67805	128409	9.09%	0.734%
50	20.540	2916	2919	2924	rVB	45779	61378	4.34%	0.351%
51	20.640	2933	2936	2940	rBV	42569	64779	4.59%	0.370%
52	20.728	2947	2951	2959	rVB	275103	358583	25.38%	2.049%
53	21.110	3013	3016	3023	rVB	62095	99466	7.04%	0.568%
54	21.292	3044	3047	3051	rVB	58535	78123	5.53%	0.446%
55	21.345	3051	3056	3060	rVV2	97265	165789	11.73%	0.947%
56	21.386	3060	3063	3068	rVB2	70668	112724	7.98%	0.644%
57	21.704	3111	3117	3124	rBV3	556297	1412822	100.00%	8.073%
58	21.768	3124	3128	3141	rVB	409047	720774	51.02%	4.118%
59	21.921	3149	3154	3161	rBV	103658	185974	13.16%	1.063%
60	22.127	3184	3189	3197	rVB2	79916	156217	11.06%	0.893%
61	23.954	3491	3500	3507	rBV	332186	1158998	82.03%	6.622%
62	24.683	3617	3624	3638	rVB	214388	645873	45.72%	3.690%
63	24.829	3640	3649	3662	rVB	282624	831206	58.83%	4.749%
64	24.982	3667	3675	3682	rBV2	150332	444209	31.44%	2.538%

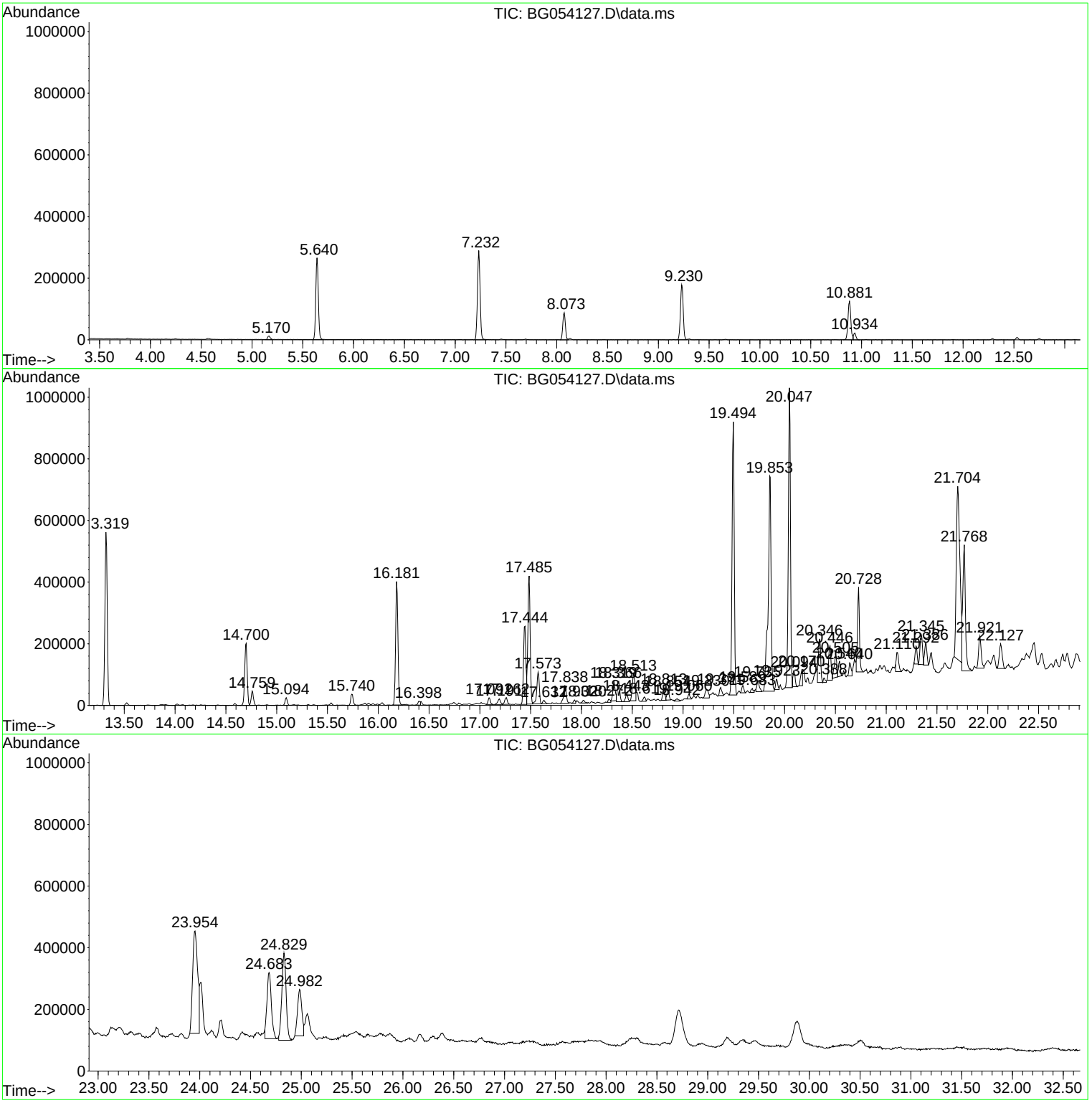
Sum of corrected areas: 17501126

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054127.D
Acq On : 28 Jun 2022 21:28
Operator : CG/JU
Sample : N3488-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-12-0-2-20220623

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 : BG054127.D
Acq On : 28 Jun 2022 21:28
Operator : CG/JU
Sample : N3488-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-12-0-2-20220623

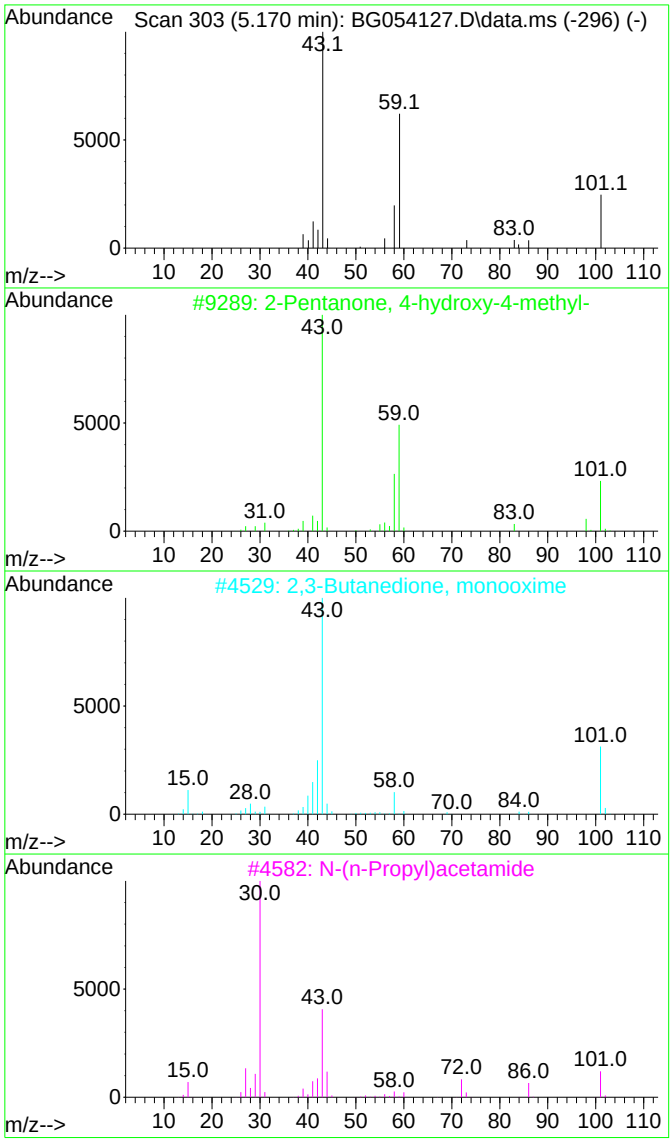
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

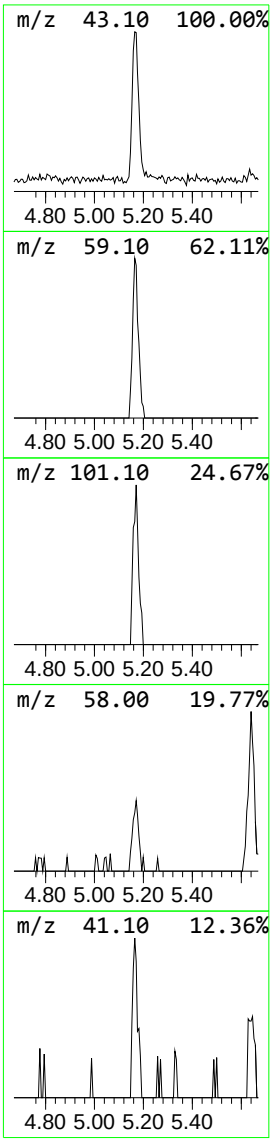
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.170	2.62 ng	20455	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	42
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3	N-(n-Propyl)acetamide	101	C5H11NO	005331-48-6	9
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9
5	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054127.D
Acq On : 28 Jun 2022 21:28
Operator : CG/JU
Sample : N3488-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-12-0-2-20220623

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

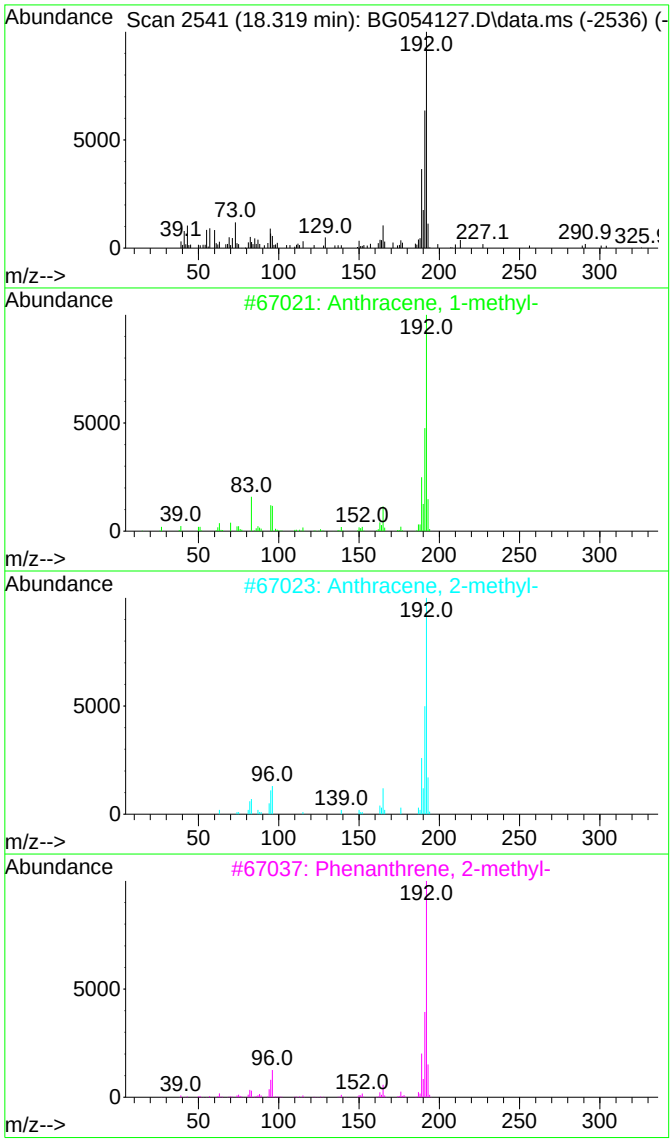
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

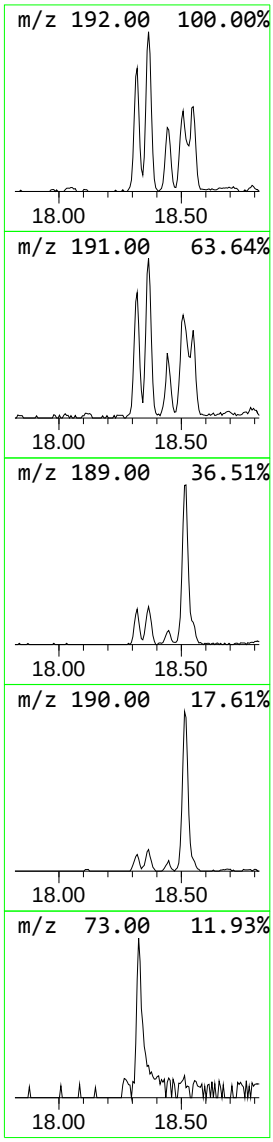
****

Peak Number 2 Anthracene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.319	4.77 ng	101673	Phenanthrene-d10	17.444

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	68
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	64
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054127.D
Acq On : 28 Jun 2022 21:28
Operator : CG/JU
Sample : N3488-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-12-0-2-20220623

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

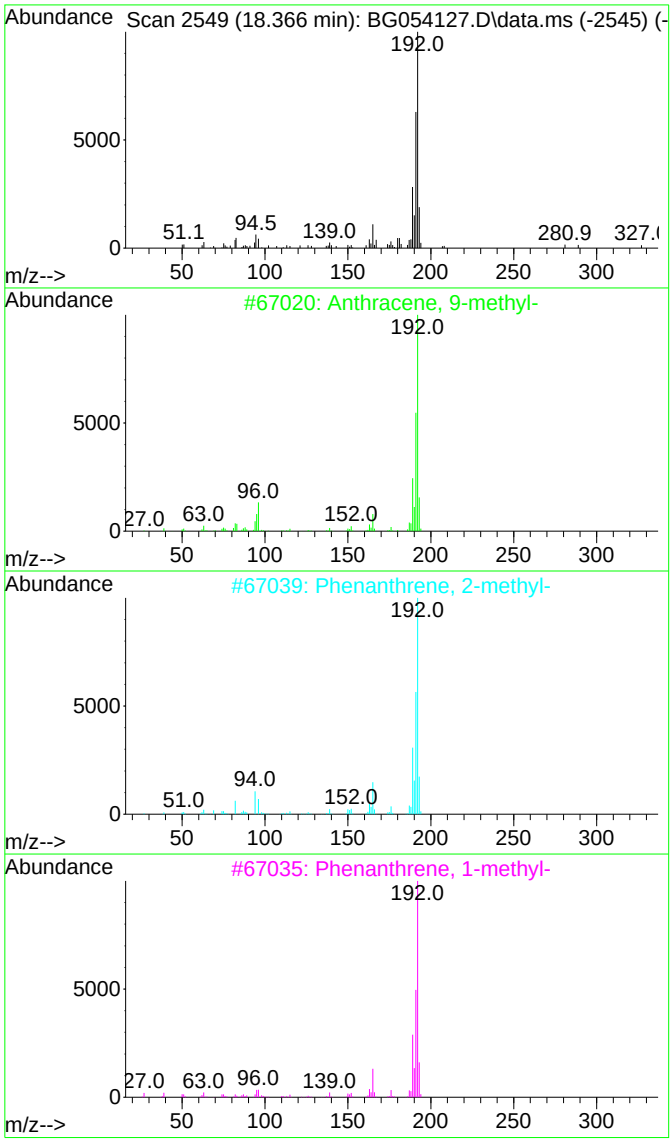
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

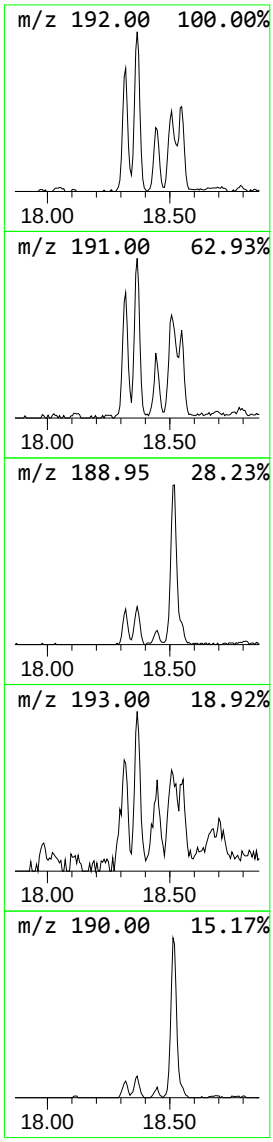
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.366	5.14 ng	109682	Phenanthrene-d10	17.444

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	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054127.D
Acq On : 28 Jun 2022 21:28
Operator : CG/JU
Sample : N3488-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-12-0-2-20220623

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

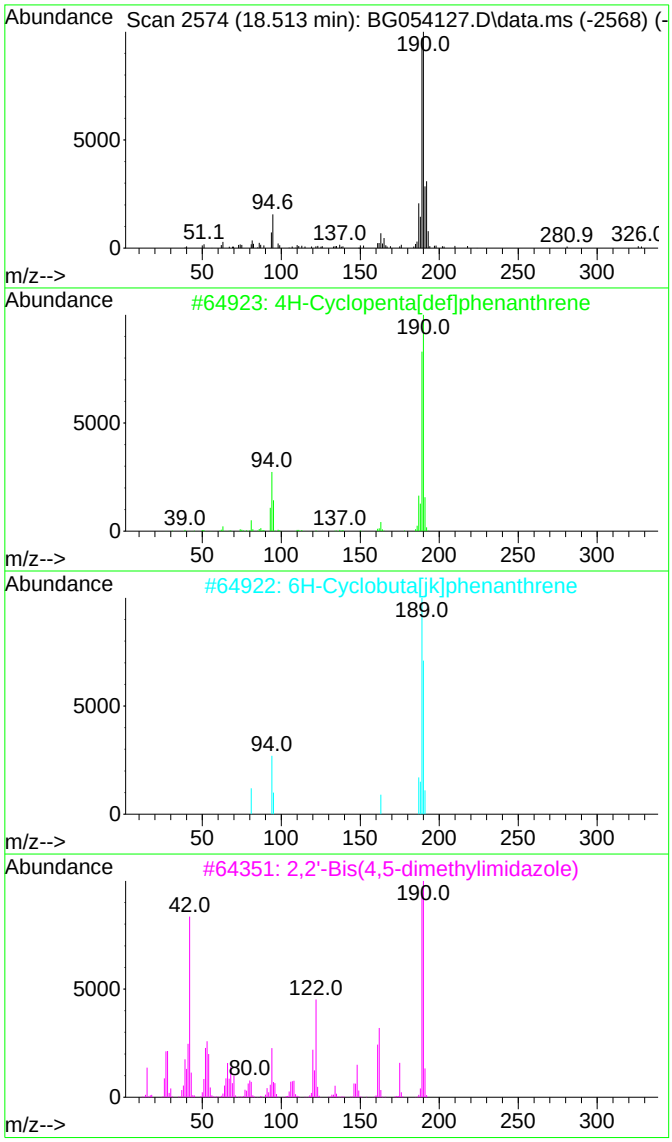
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

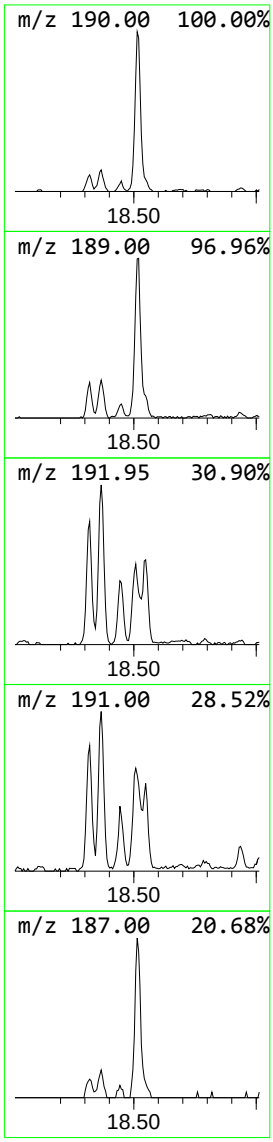
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.513	7.48 ng	159538	Phenanthrene-d10	17.444

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	25
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054127.D
Acq On : 28 Jun 2022 21:28
Operator : CG/JU
Sample : N3488-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-12-0-2-20220623

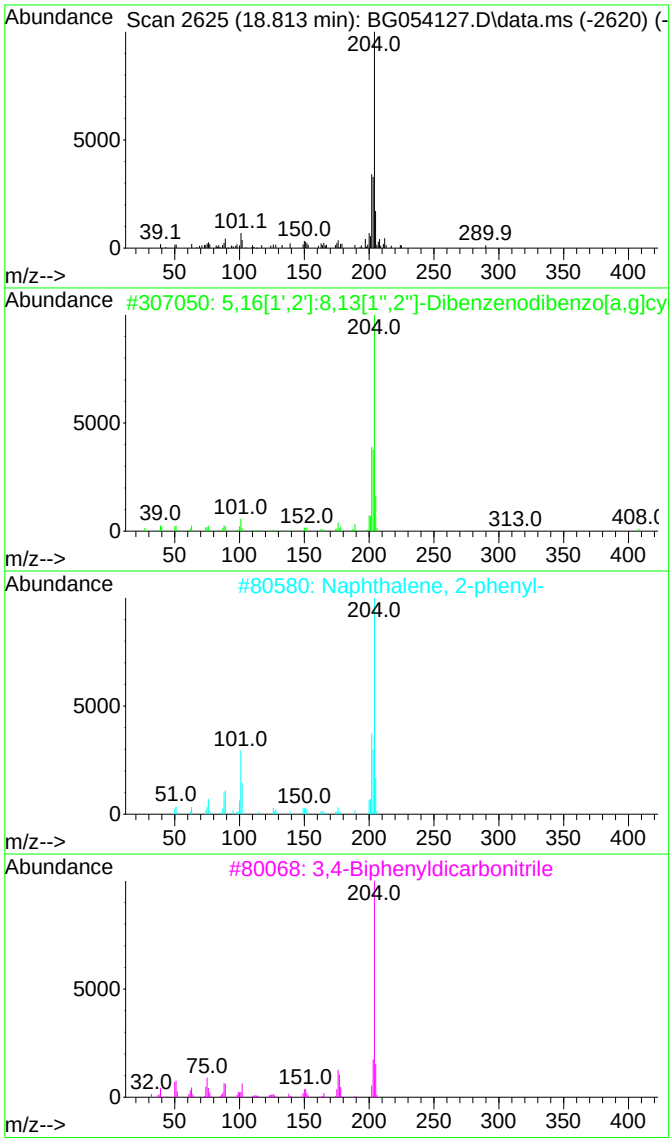
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

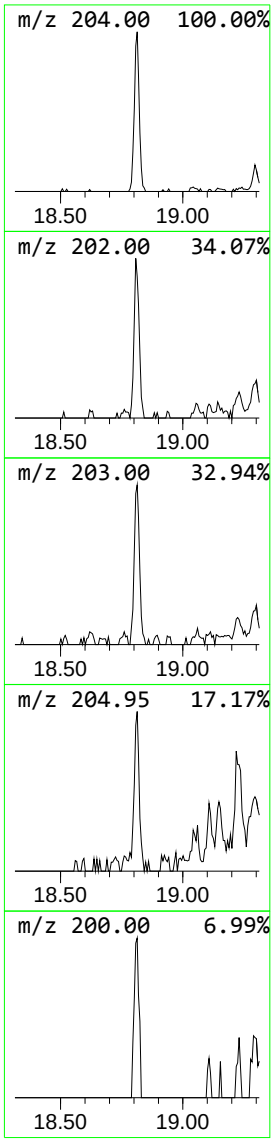
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.813	2.89 ng	61652	Phenanthrene-d10	17.444

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	58
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054127.D
Acq On : 28 Jun 2022 21:28
Operator : CG/JU
Sample : N3488-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-12-0-2-20220623

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

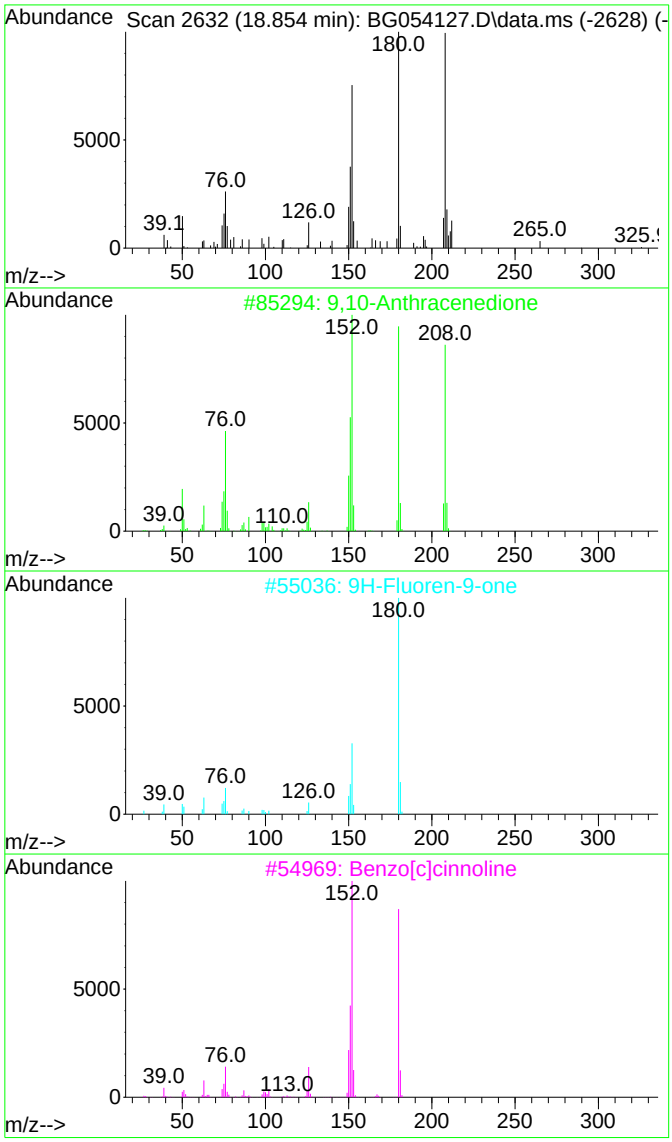
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

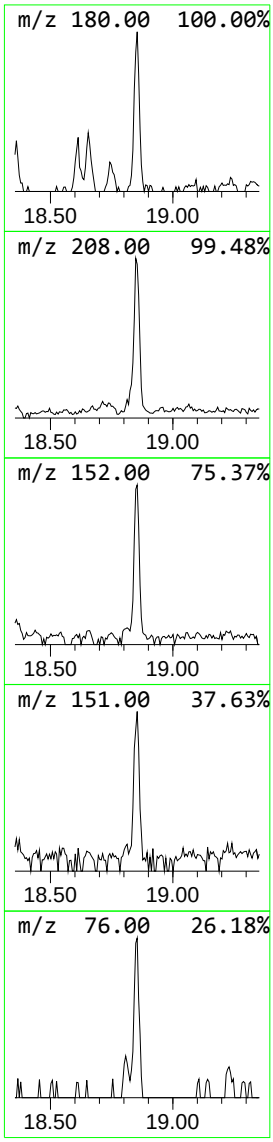
****

Peak Number 6 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.854	2.30 ng	48969	Phenanthrene-d10	17.444

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	58
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	53
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054127.D
Acq On : 28 Jun 2022 21:28
Operator : CG/JU
Sample : N3488-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-12-0-2-20220623

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

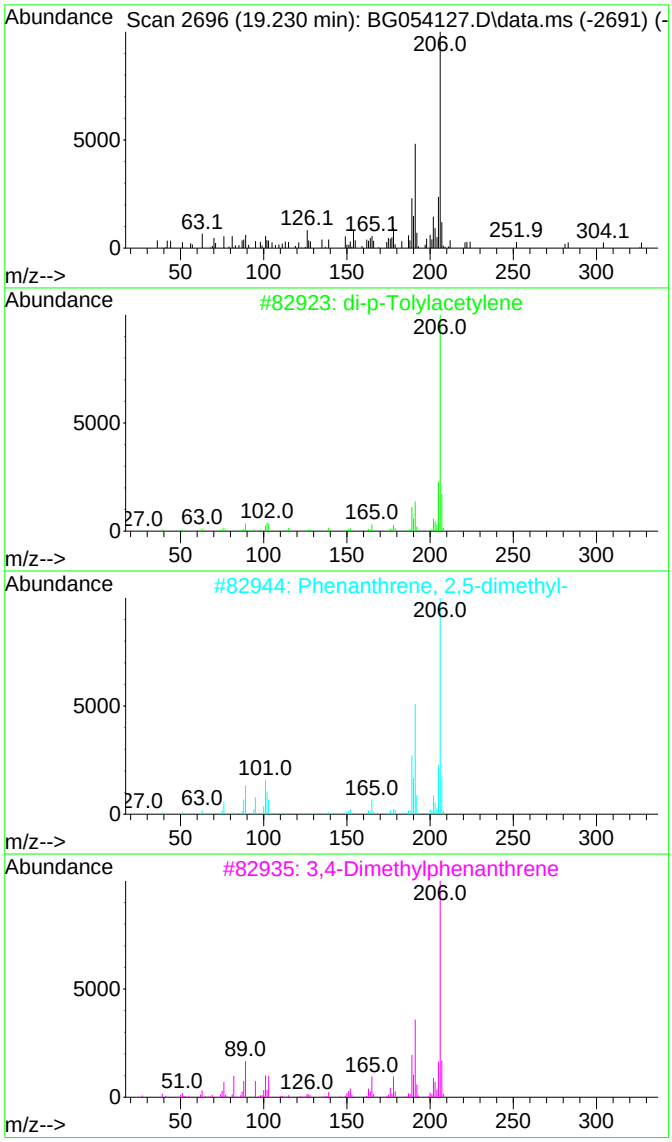
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

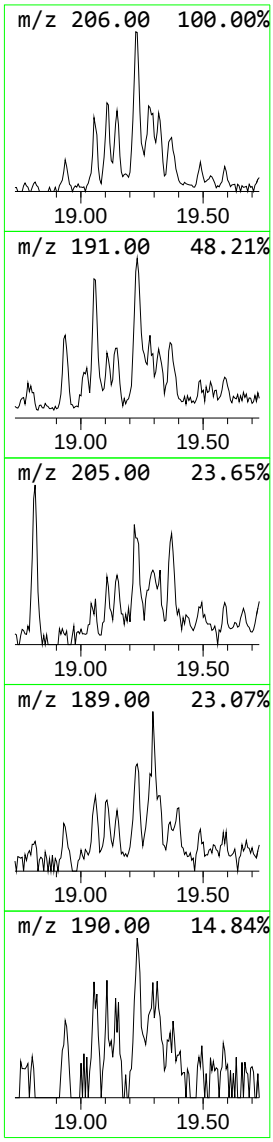
****

Peak Number 7 di-p-Tolylacetylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.230	2.89 ng	61571	Phenanthrene-d10	17.444

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	83
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83
5	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	81





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Data File : BG054127.D
Acq On : 28 Jun 2022 21:28
Operator : CG/JU
Sample : N3488-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-12-0-2-20220623

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

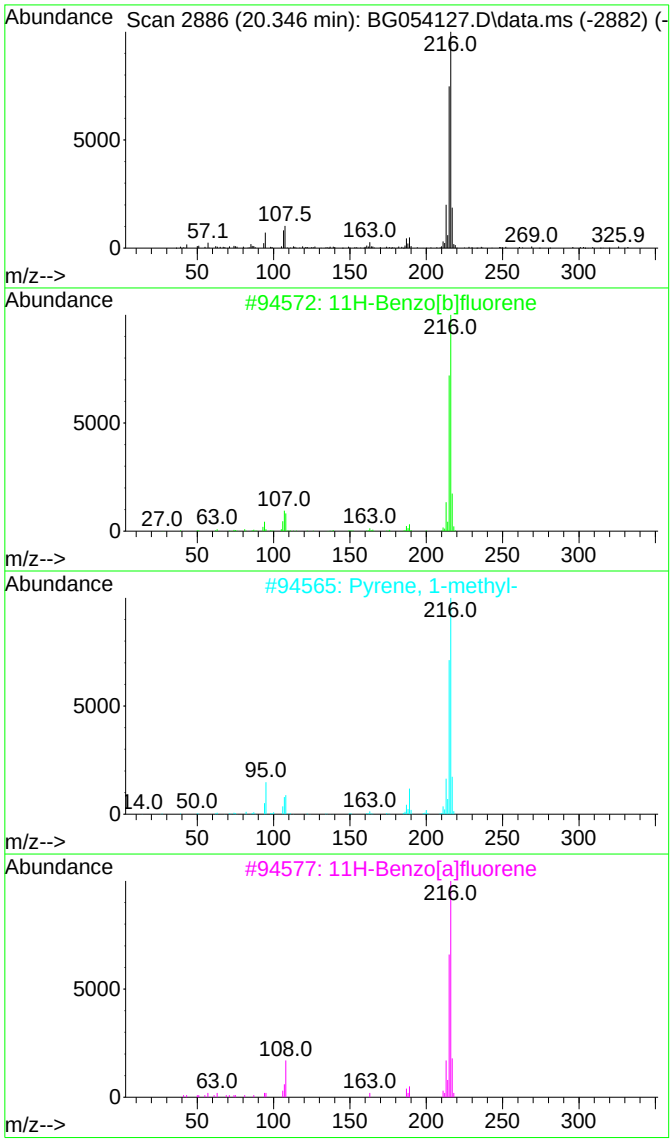
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

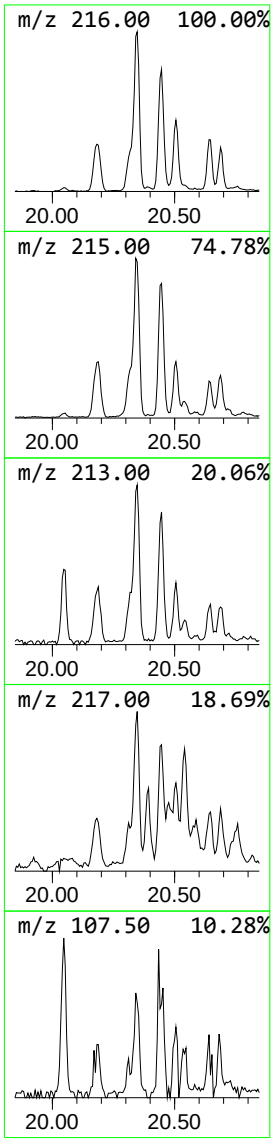
****

Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.346	3.13 ng	220886	Chrysene-d12	21.721

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





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Sample : N3488-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-12-0-2-20220623

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

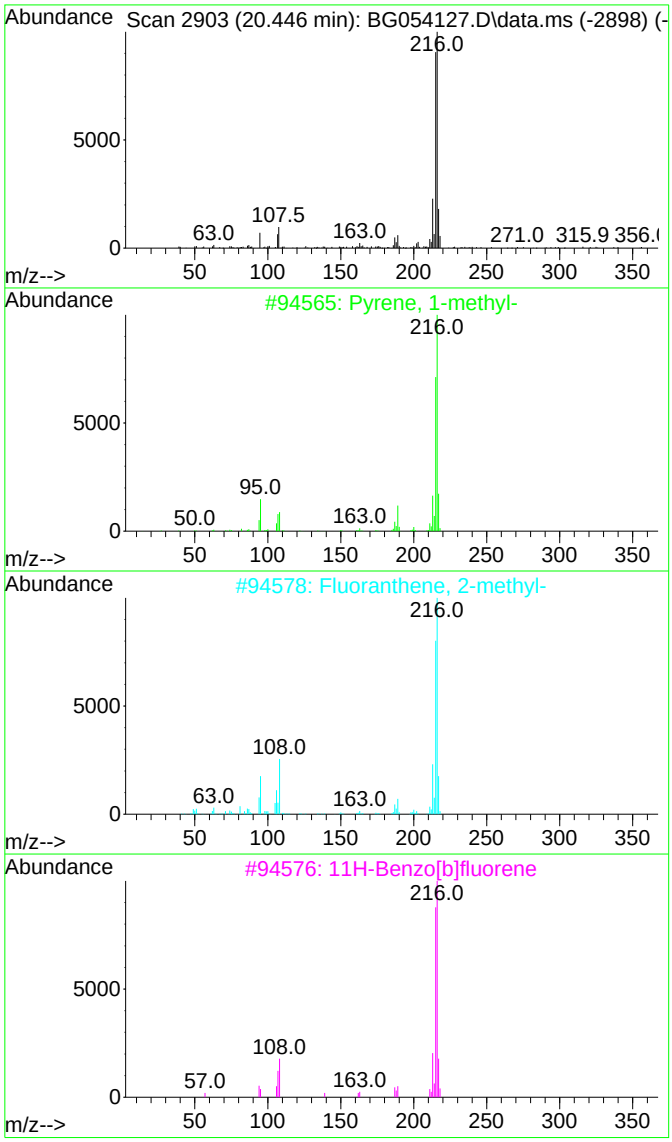
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

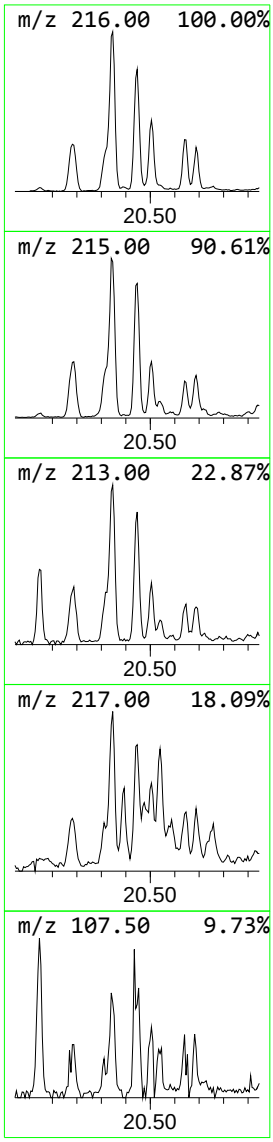
****

Peak Number 9 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.446	2.51 ng	177130	Chrysene-d12	21.721

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83





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Sample : N3488-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-12-0-2-20220623

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

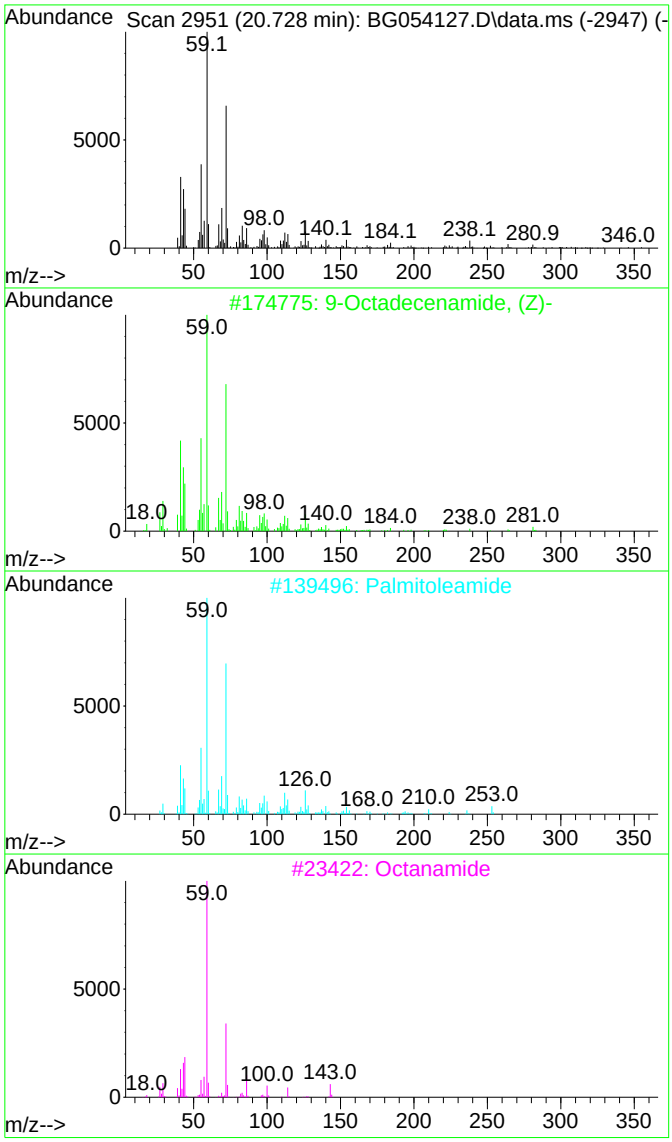
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

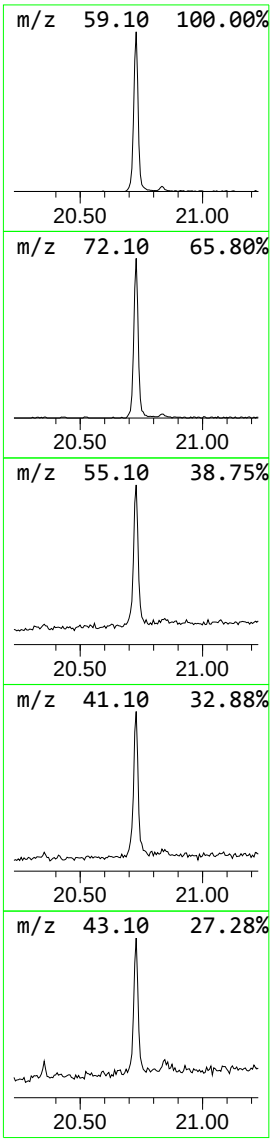
****

Peak Number 10 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.728	5.08 ng	358583	Chrysene-d12	21.721

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	96
2	Palmitoleamide	253	C16H31NO	106010-22-4	90
3	Octanamide	143	C8H17NO	000629-01-6	64
4	4-Cyclohexylbutyramide	169	C10H19NO	004441-62-7	59
5	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	53





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Acq On : 28 Jun 2022 21:28
Operator : CG/JU
Sample : N3488-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-12-0-2-20220623

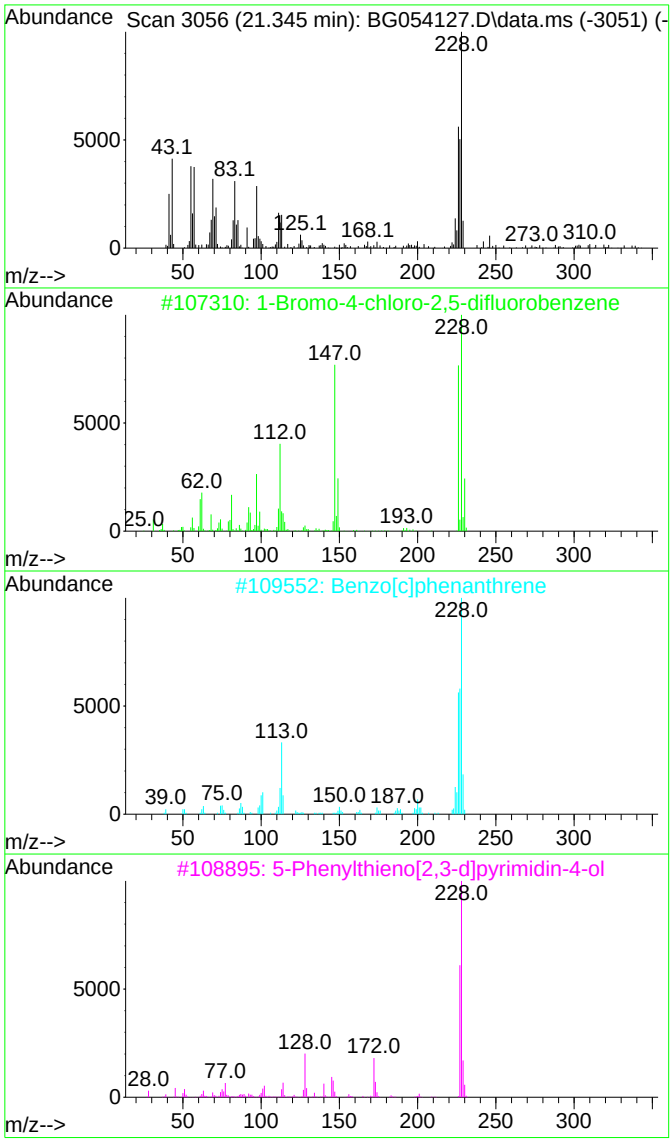
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

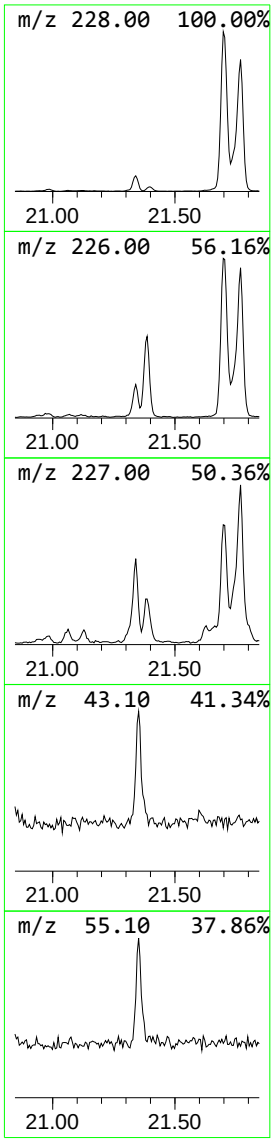
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1-Bromo-4-chloro-2,5-difluo... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.345	2.35 ng	165789	Chrysene-d12	21.721

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Bromo-4-chloro-2,5-difluoroben...	226	C6H2BrClF2	172921-33-4	53
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	47
3	5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	43
4	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	43
5	1-Bromo-2-chloro-4,5-difluoroben...	226	C6H2BrClF2	1000512-66-6	40





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Acq On : 28 Jun 2022 21:28
Operator : CG/JU
Sample : N3488-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-12-0-2-20220623

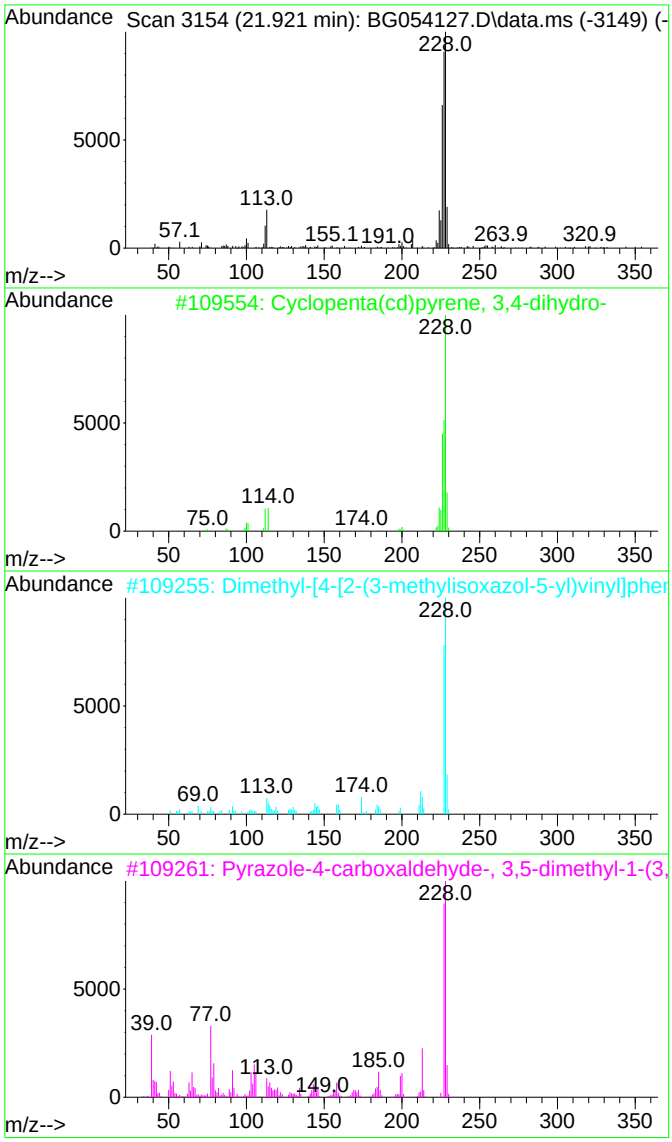
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

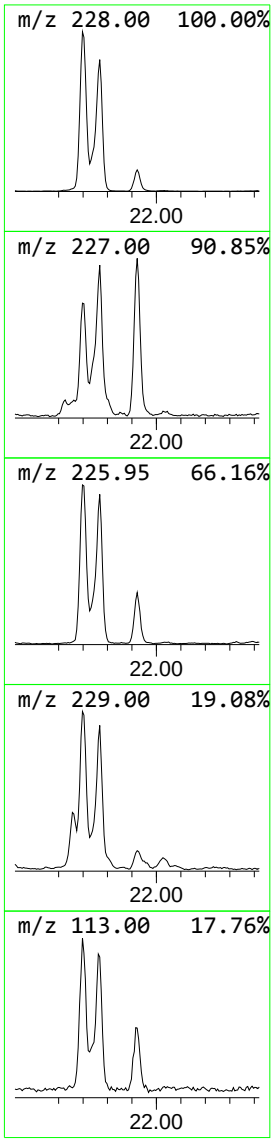
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.921	2.63 ng	185974	Chrysene-d12	21.721

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	78
2	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50
3	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	50
4	1(2H)-Phenanthrenone, 3,4,9,10-t...	228	C15H16O2	014427-61-3	50
5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	49





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Operator : CG/JU
Sample : N3488-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-12-0-2-20220623

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

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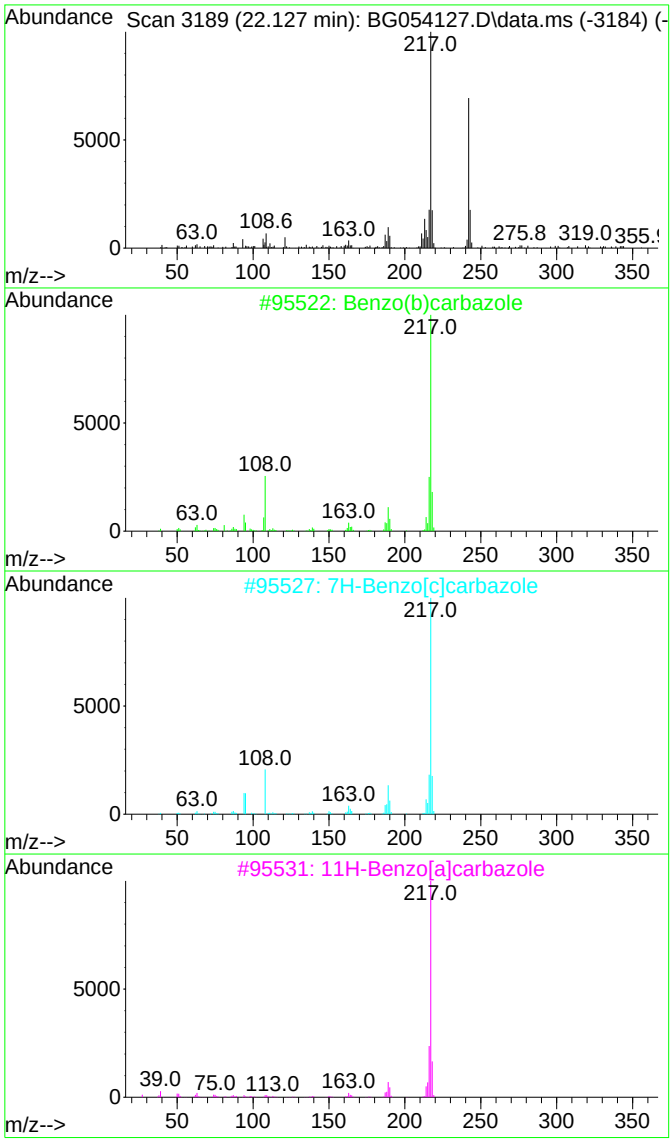
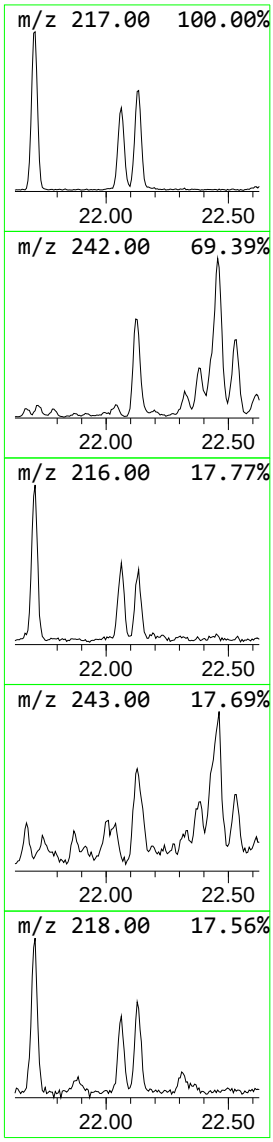
Peak Number 13 Benzo(b)carbazole Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.127	2.21 ng	156217	Chrysene-d12	21.721

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(b)carbazole	217	C16H11N	000243-28-7	91
2	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	83
3	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	60
4	Benzo(c)carbazole	217	C16H11N	034777-33-8	49
5	1-Aminopyrene	217	C16H11N	001606-67-3	47





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Acq On : 28 Jun 2022 21:28
Operator : CG/JU
Sample : N3488-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-12-0-2-20220623

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

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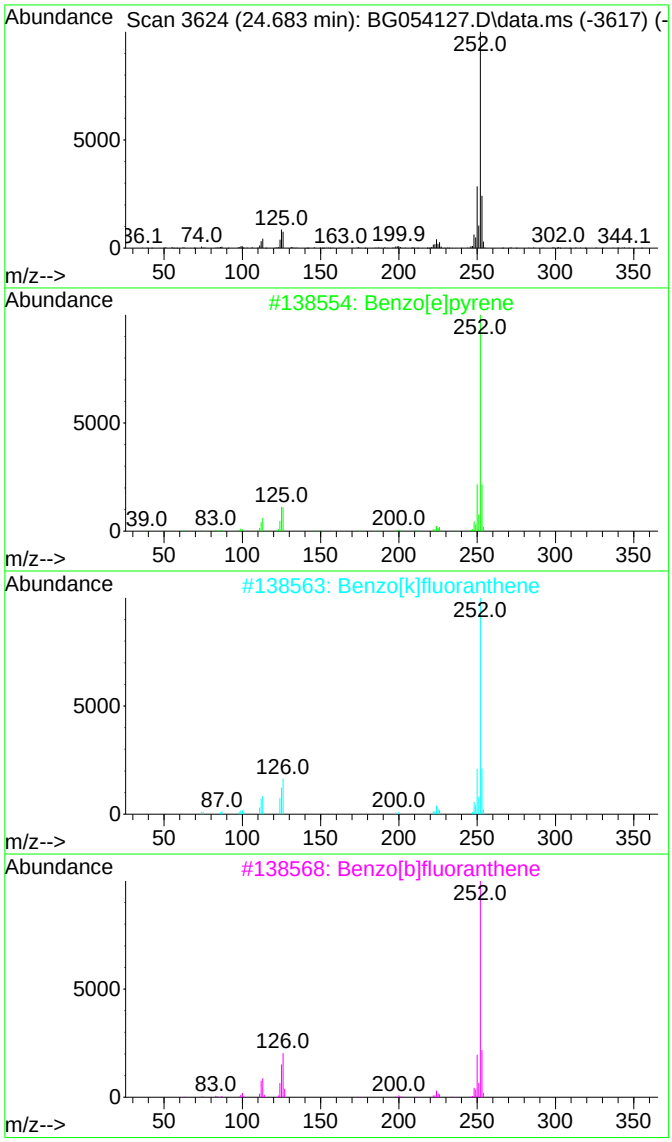
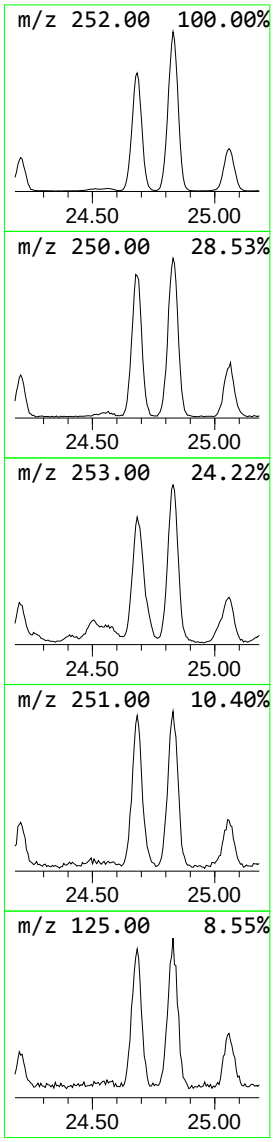
Peak Number 14 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.683	29.08 ng	645873	Perylene-d12	24.982

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054127.D
Acq On : 28 Jun 2022 21:28
Operator : CG/JU
Sample : N3488-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-12-0-2-20220623

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-...	5.170	2.6	ng	20455	1	8.073	156412	20.0
Anthracene, 1-m...	18.319	4.8	ng	101673	4	17.444	426407	20.0
Anthracene, 9-m...	18.366	5.1	ng	109682	4	17.444	426407	20.0
4H-Cyclopenta[d...	18.513	7.5	ng	159538	4	17.444	426407	20.0
5,16[1',2']:8,1...	18.813	2.9	ng	61652	4	17.444	426407	20.0
9,10-Anthracene...	18.854	2.3	ng	48969	4	17.444	426407	20.0
di-p-Tolylacety...	19.230	2.9	ng	61571	4	17.444	426407	20.0
11H-Benzo[b]flu...	20.346	3.1	ng	220886	5	21.721	1412820	20.0
Pyrene, 1-methyl-	20.446	2.5	ng	177130	5	21.721	1412820	20.0
9-Octadecenamid...	20.728	5.1	ng	358583	5	21.721	1412820	20.0
1-Bromo-4-chlor...	21.345	2.4	ng	165789	5	21.721	1412820	20.0
Cyclopenta(cd)p...	21.921	2.6	ng	185974	5	21.721	1412820	20.0
Benzo(b)carbazole	22.127	2.2	ng	156217	5	21.721	1412820	20.0
Benzo[e]pyrene	24.683	29.1	ng	645873	6	24.982	444209	20.0