LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072922\
Data File : BG054454.D
Acq On : 29 Jul 2022 18:16
Operator : CG/JU
Sample : N3894-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RVE-20

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: BG054454.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.105	14	20	31	rVB	57203	100464	6.86%	0.790%
2	5.566	432	439	451	rVB	236791	411965	28.12%	3.241%
3	7.182	707	714	725	rBV	253346	458654	31.31%	3.608%
4	7.987	842	851	859	rBV	55088	99092	6.76%	0.779%
5	9.150	1041	1049	1062	rBV	164461	299761	20.46%	2.358%
6	10.796	1322	1329	1336	rBV	73225	138758	9.47%	1.091%
7	13.246	1738	1746	1755	rBB	546622	867909	59.24%	6.827%
8	14.350	1928	1934	1943	rBV	26769	58441	3.99%	0.460%
9	14.626	1972	1981	1987	rVB	131249	219628	14.99%	1.728%
10	16.119	2227	2235	2251	rBV	525307	843014	57.54%	6.631%
11	16.348	2266	2274	2280	rBV6	8546	16815	1.15%	0.132%
12	17.370	2442	2448	2452	rBV	186160	286510	19.56%	2.254%
13	17.411	2452	2455	2464	rVB	40034	59149	4.04%	0.465%
14	17.505	2466	2471	2475	rBV2	11828	17301	1.18%	0.136%
15	17.570	2475	2482	2486	rBV5	11607	24963	1.70%	0.196%
16	17.952	2543	2547	2553	rVB2	9447	14835	1.01%	0.117%
17	18.022	2555	2559	2562	rBV2	15853	20681	1.41%	0.163%
18	18.251	2592	2598	2602	rBV	52689	96775	6.61%	0.761%
19	18.293	2602	2605	2611	rVB	54576	82286	5.62%	0.647%
20	18.381	2614	2620	2624	rBV3	14484	30226	2.06%	0.238%
21	18.434	2624	2629	2634	rVV2	64346	123403	8.42%	0.971%
22	18.475	2634	2636	2644	rVB	37302	53058	3.62%	0.417%
23	18.545	2644	2648	2653	rBV6	10537	19797	1.35%	0.156%
24	18.639	2660	2664	2669	rVB4	11159	18403	1.26%	0.145%
25	18.739	2677	2681	2686	rBV4	20206	33435	2.28%	0.263%
26	18.792	2687	2690	2698	rVB4	19094	38672	2.64%	0.304%
27	18.986	2720	2723	2728	rVB	26450	39159	2.67%	0.308%
28	19.039	2728	2732	2735	rBV	46861	57917	3.95%	0.456%
29	19.080	2735	2739	2744	rVB	38207	52997	3.62%	0.417%
30	19.162	2747	2753	2757	rBV	123327	212817	14.53%	1.674%
31	19.215	2758	2762	2766	rVV3	49806	90736	6.19%	0.714%
32	19.250	2766	2768	2772	rVB	32553	35375	2.41%	0.278%
33	19.303	2772	2777	2783	rBV4	66109	144197	9.84%	1.134%
34	19.421	2792	2797	2803	rBV	124854	185674	12.67%	1.461%
35	19.479	2803	2807	2811	rBV4	26157	37835	2.58%	0.298%
36	19.521	2811	2814	2818	rVB3	22958	29649	2.02%	0.233%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072922\
Data File : BG054454.D
Acq On : 29 Jul 2022 18:16
Operator : CG/JU
Sample : N3894-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-20

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	19.573	2820	2823	2828	rBV2	23263	34008	2.32%	0.268%
38	19.667	2835	2839	2841	rBV2	26425	35624	2.43%	0.280%
39	19.691	2841	2843	2849	rVB3	26672	39500	2.70%	0.311%
40	19.785	2850	2859	2867	rBV2	298113	563681	38.48%	4.434%
41	19.861	2867	2872	2877	rVB	116682	179359	12.24%	1.411%
42	19.979	2887	2892	2897	rVB	1144418	1465043	100.00%	11.524%
43	20.020	2897	2899	2906	rVB3	51451	71822	4.90%	0.565%
44	20.126	2909	2917	2924	rBV5	70132	199872	13.64%	1.572%
45	20.190	2925	2928	2932	rBV4	22557	32547	2.22%	0.256%
46	20.273	2933	2942	2951	rVB3	97776	298989	20.41%	2.352%
47	20.349	2952	2955	2956	rBV2	19109	20253	1.38%	0.159%
48	20.373	2957	2959	2964	rVB2	25354	28896	1.97%	0.227%
49	20.437	2965	2970	2974	rBV	146016	210935	14.40%	1.659%
50	20.578	2990	2994	2998	rBV	178594	241274	16.47%	1.898%
51	20.619	2998	3001	3005	rVV	84589	111487	7.61%	0.877%
52	20.731	3018	3020	3025	rBV3	24184	32823	2.24%	0.258%
53	21.042	3069	3073	3078	rVB2	91550	147656	10.08%	1.161%
54	21.136	3085	3089	3094	rVB	79402	119746	8.17%	0.942%
55	21.195	3095	3099	3102	rBV	81280	140401	9.58%	1.104%
56	21.636	3167	3174	3179	rBV2	255564	636392	43.44%	5.006%
57	21.777	3195	3198	3203	rVB2	59218	94018	6.42%	0.740%
58	22.364	3290	3298	3303	rBV	113262	264251	18.04%	2.079%
59	22.435	3306	3310	3319	rVB2	103287	199434	13.61%	1.569%
60	23.827	3543	3547	3555	rBV3	53855	150348	10.26%	1.183%
61	24.556	3665	3671	3680	rVB	89388	243581	16.63%	1.916%
62	24.703	3690	3696	3708	rVB	111560	317536	21.67%	2.498%
63	24.850	3715	3721	3728	rVB	91466	236050	16.11%	1.857%
64	29.004	4415	4428	4443	rVB5	272302	1276989	87.16%	10.045%

Sum of corrected areas: 12712866

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072922\
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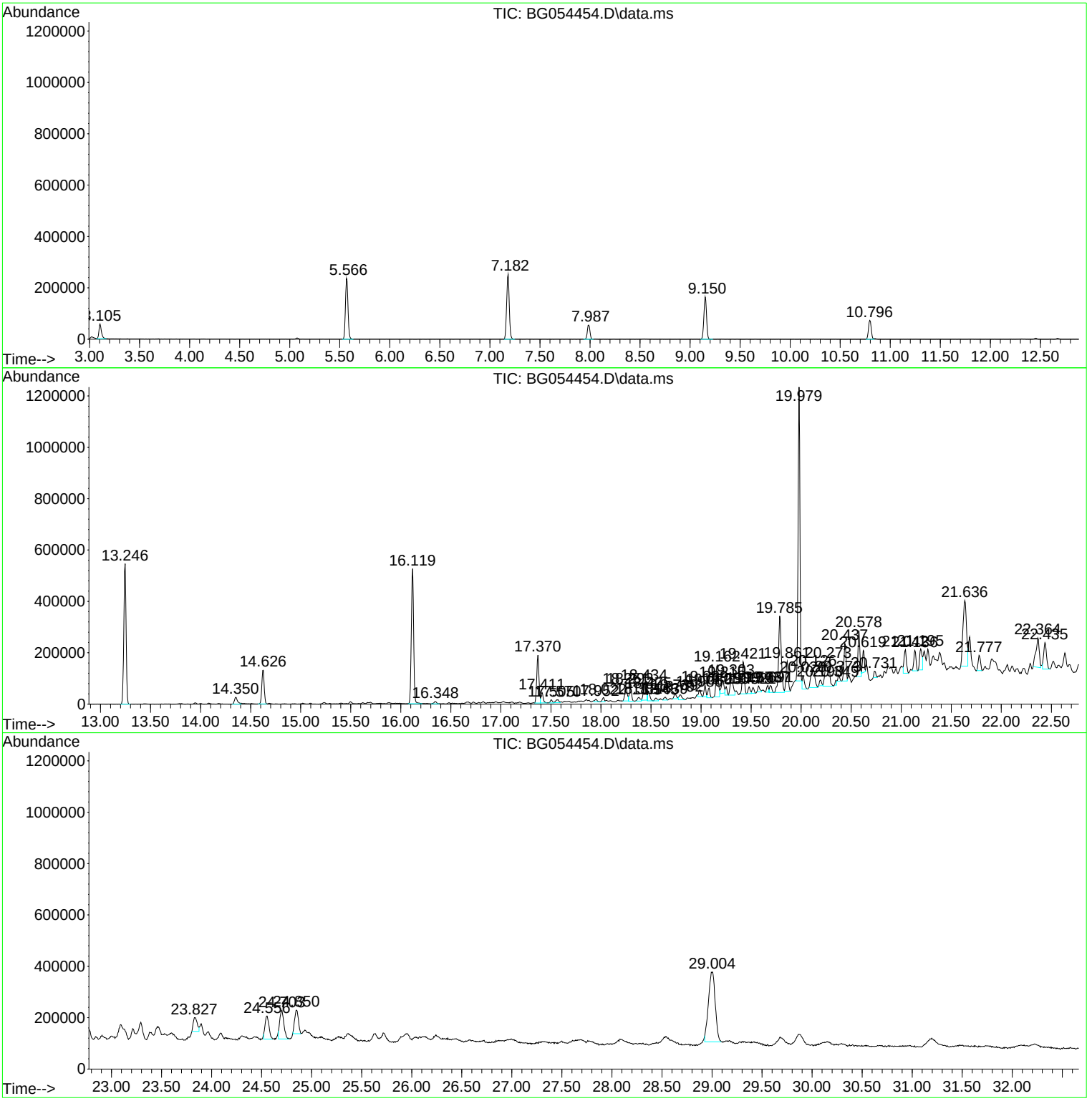
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-20

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\BG072922\
Data File : BG054454.D
Acq On : 29 Jul 2022 18:16
Operator : CG/JU
Sample : N3894-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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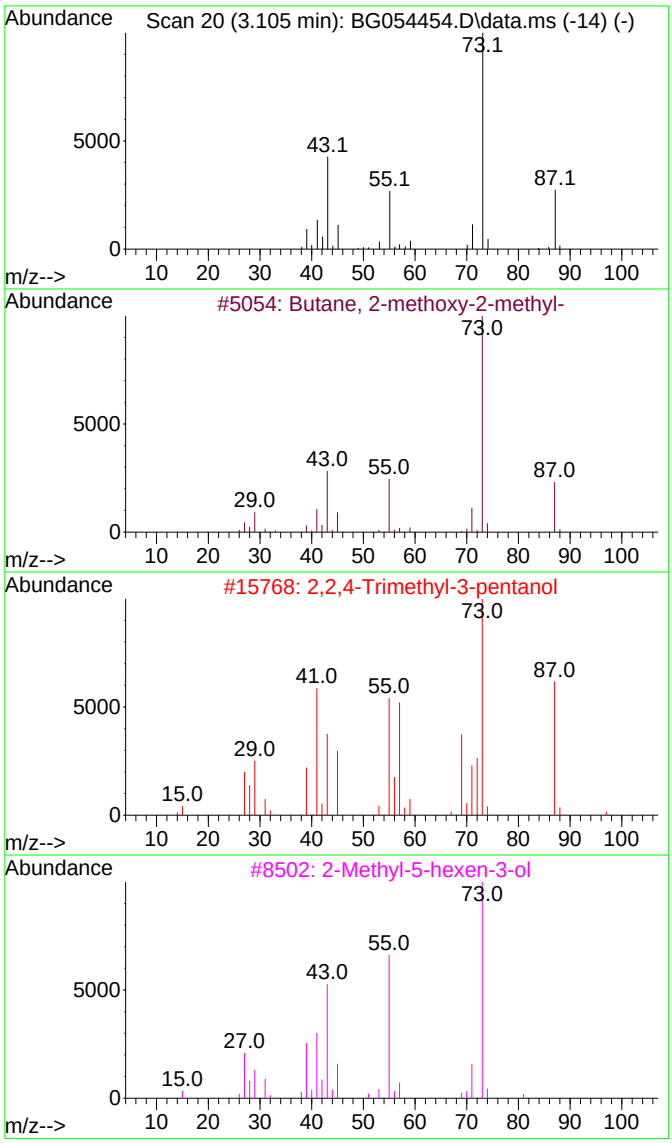
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

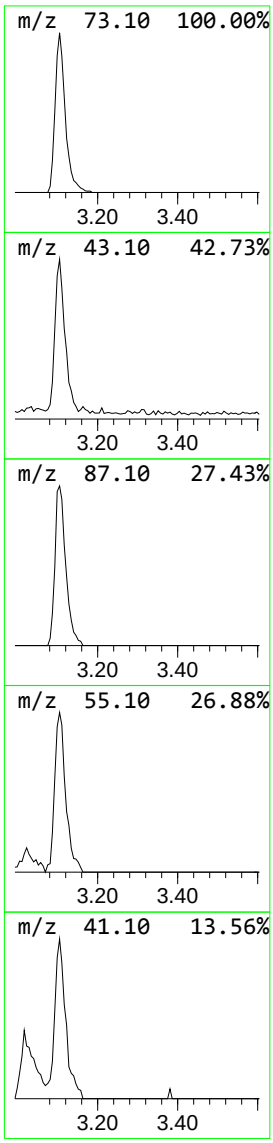
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.105	20.28 ng	100464	1,4-Dichlorobenzene-d4	7.987

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	56
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072922\
Data File : BG054454.D
Acq On : 29 Jul 2022 18:16
Operator : CG/JU
Sample : N3894-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-20

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

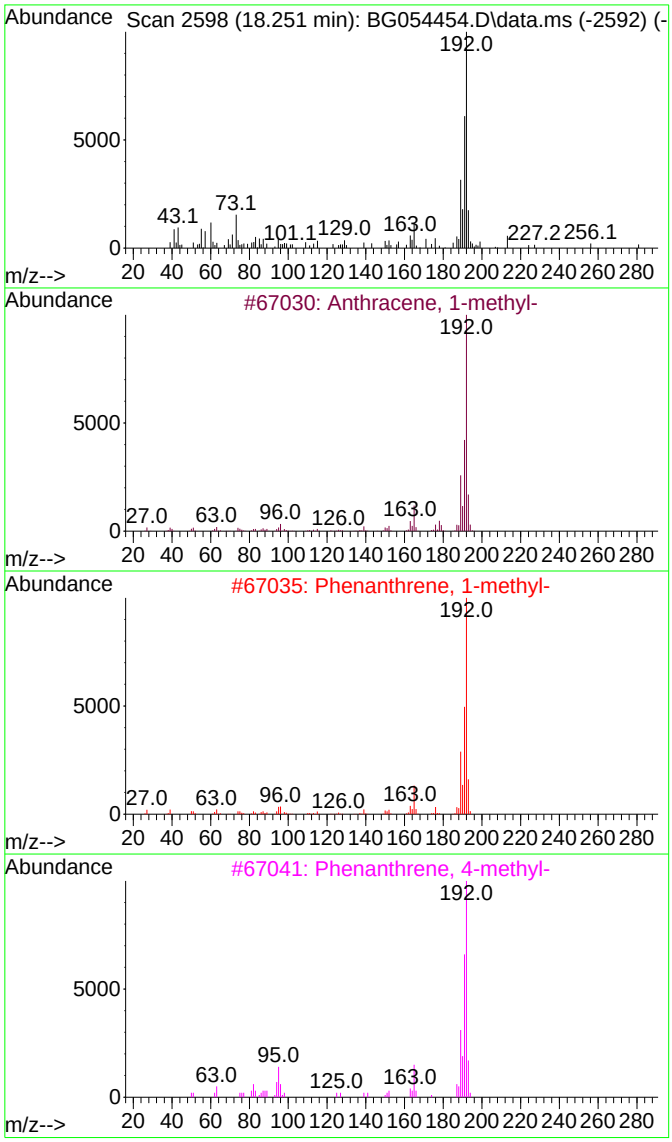
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

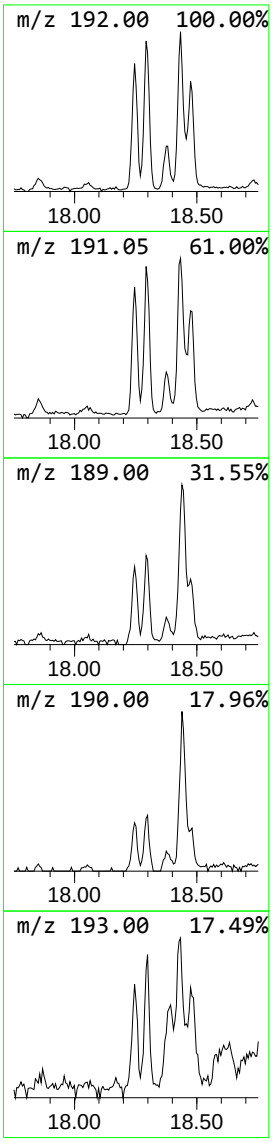
****

Peak Number 2 Anthracene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.252	6.76 ng	96775	Phenanthrene-d10	17.370

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	86
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	76
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072922\
Data File : BG054454.D
Acq On : 29 Jul 2022 18:16
Operator : CG/JU
Sample : N3894-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-20

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

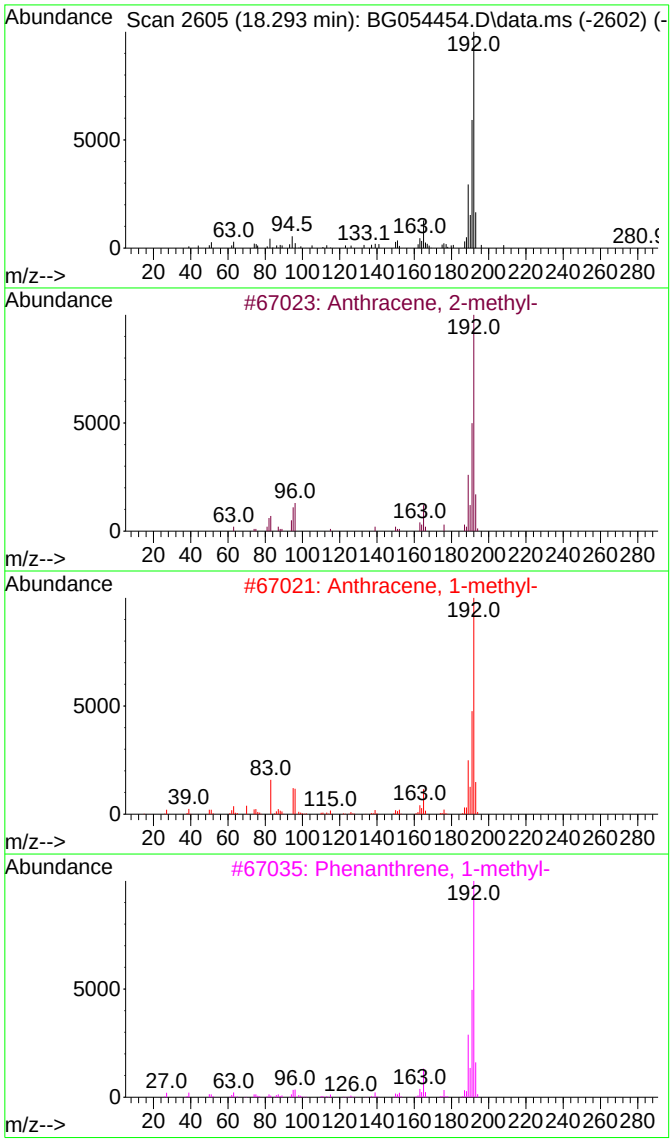
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

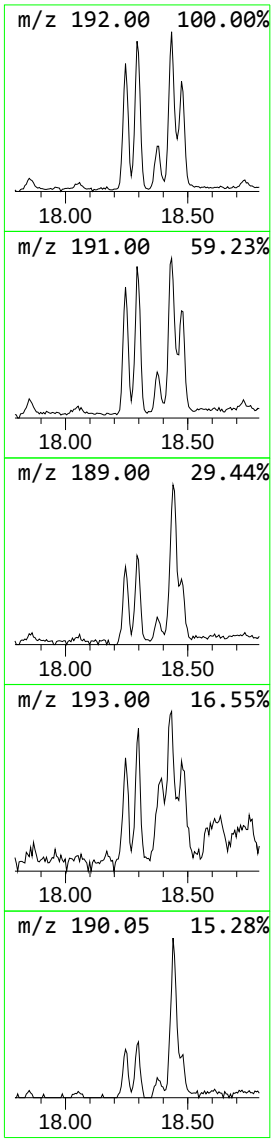
****

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.293	5.74 ng	82286	Phenanthrene-d10	17.370

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	87
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072922\
Data File : BG054454.D
Acq On : 29 Jul 2022 18:16
Operator : CG/JU
Sample : N3894-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-20

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

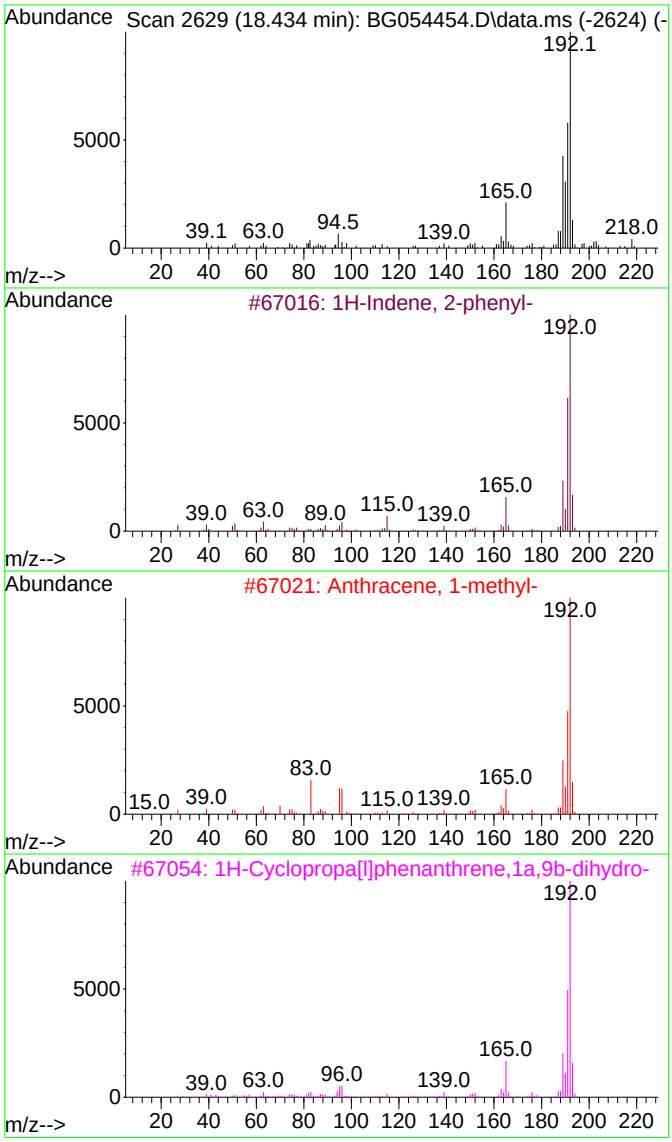
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

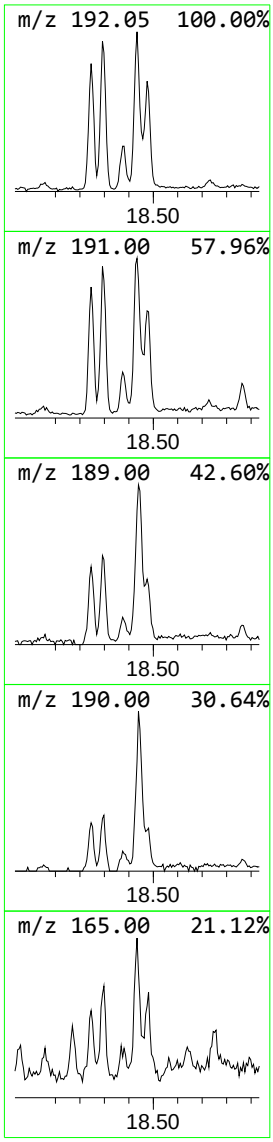
****

Peak Number 4 1H-Indene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.434	8.61 ng	123403	Phenanthrene-d10	17.370

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	70
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	64
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	64
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072922\
Data File : BG054454.D
Acq On : 29 Jul 2022 18:16
Operator : CG/JU
Sample : N3894-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-20

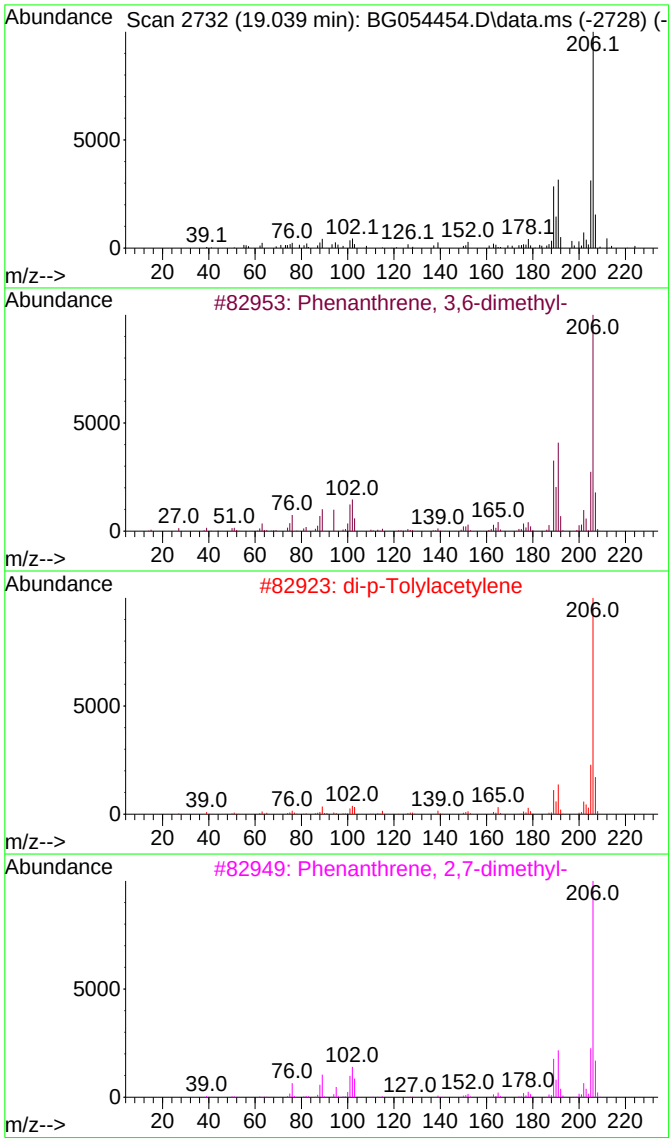
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

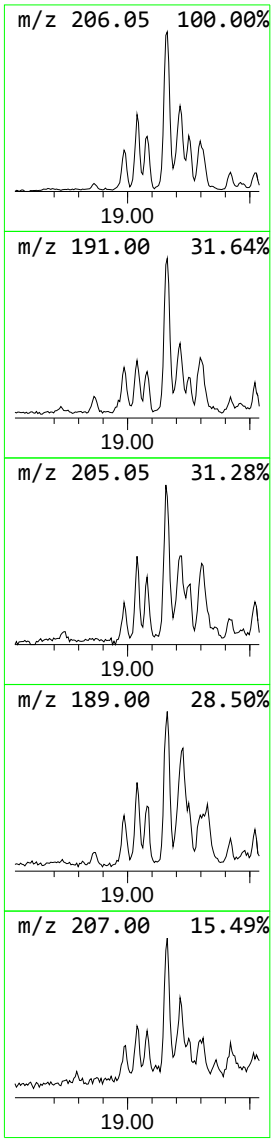
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenanthrene, 3,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.039	4.04 ng	57917	Phenanthrene-d10	17.370

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	81
5	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072922\
Data File : BG054454.D
Acq On : 29 Jul 2022 18:16
Operator : CG/JU
Sample : N3894-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-20

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

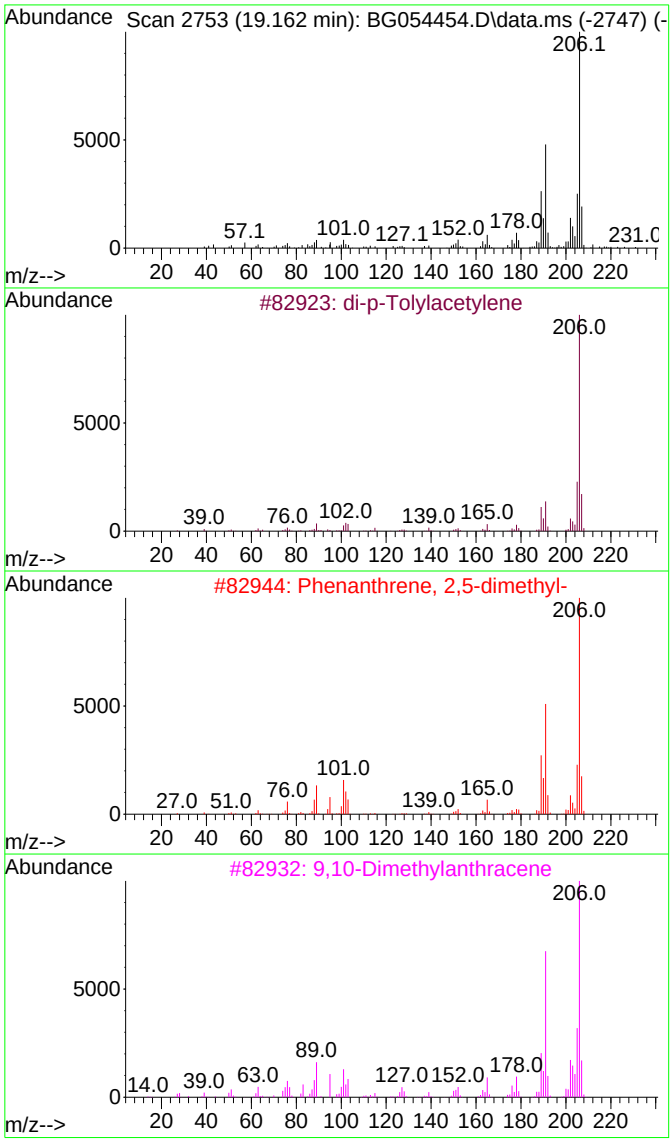
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

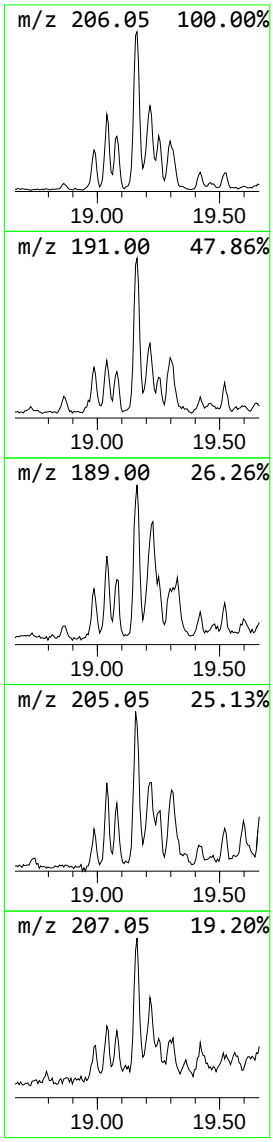
****

Peak Number 6 di-p-Tolylacetylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.162	14.86 ng	212817	Phenanthrene-d10	17.370

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87
5	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072922\
Data File : BG054454.D
Acq On : 29 Jul 2022 18:16
Operator : CG/JU
Sample : N3894-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-20

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

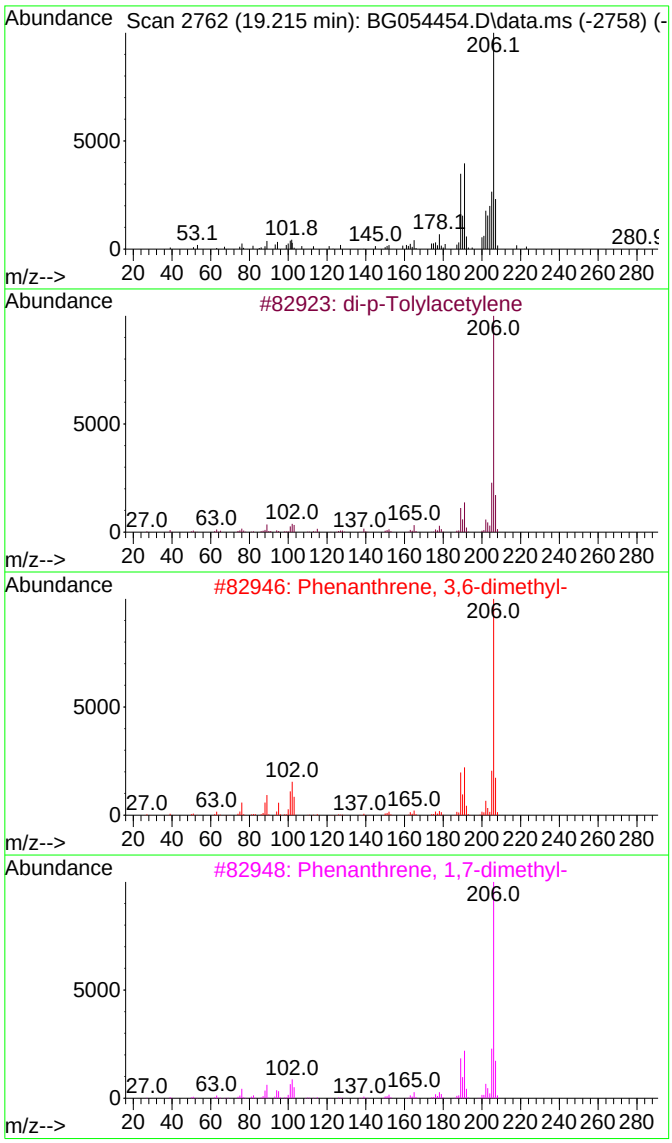
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

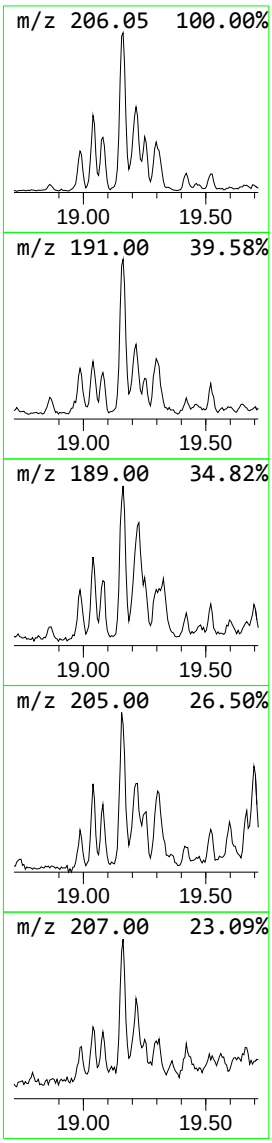
****

Peak Number 7 Phenanthrene, 1,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.215	6.33 ng	90736	Phenanthrene-d10	17.370

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	83
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	80
5	Indeno[2,1-a]indene, 4b,5,9b,10-...	206	C16H14	005695-17-0	74





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Data File : BG054454.D
Acq On : 29 Jul 2022 18:16
Operator : CG/JU
Sample : N3894-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-20

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

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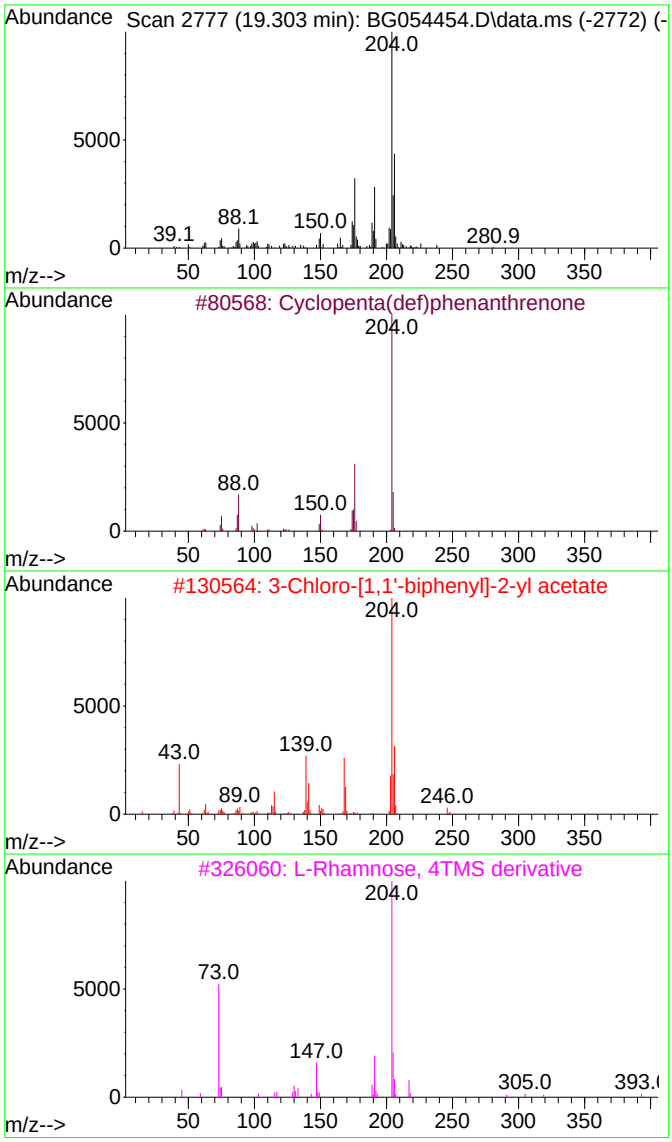
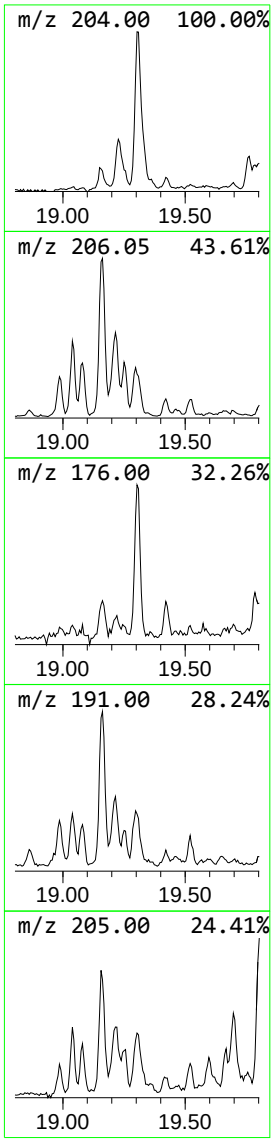
Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.303	10.07 ng	144197	Phenanthrene-d10	17.370

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	55
2	3-Chloro-[1,1'-biphenyl]-2-yl ac...	246	C14H11ClO2	007460-70-0	47
3	L-Rhamnose, 4TMS derivative	452	C18H44O5Si4	019127-15-2	47
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47
5	Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	47





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Operator : CG/JU
Sample : N3894-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-20

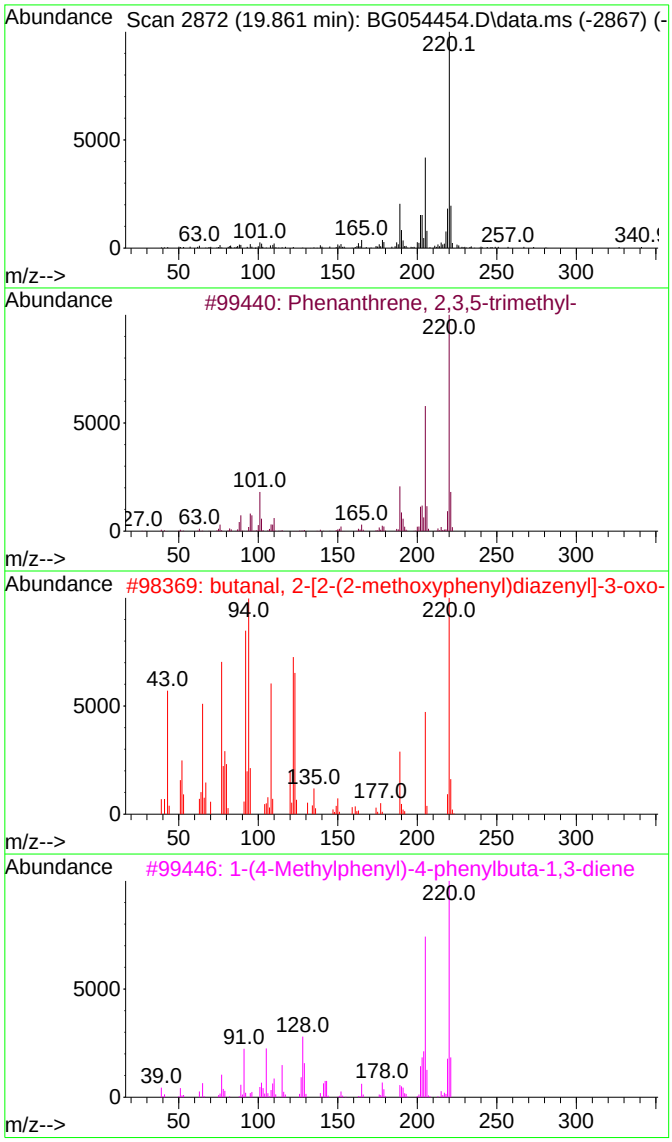
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

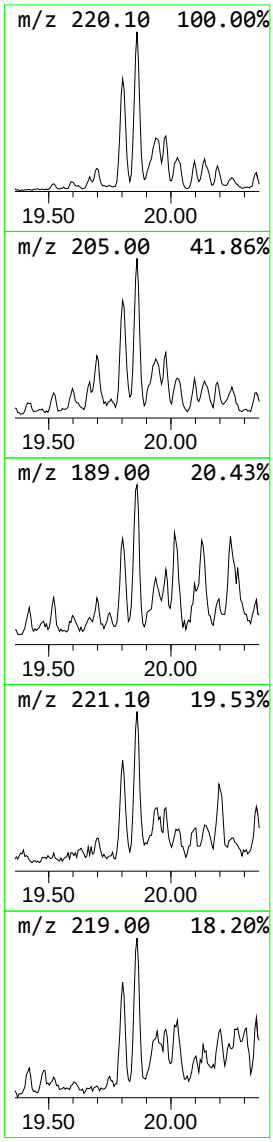
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.861	5.64 ng	179359	Chrysene-d12	21.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	87
2	butanal, 2-[2-(2-methoxyphenyl)d...	220	C11H12N2O3	1000396-24-5	72
3	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	72
4	1-(Hydroxy-phenyl-methyl)-2-meth...	408	C27H36O3	108546-86-7	59
5	1,4-Dimethoxy-6,7,8,9-tetrahydro...	220	C13H16O3	079381-09-2	58





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Operator : CG/JU
Sample : N3894-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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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

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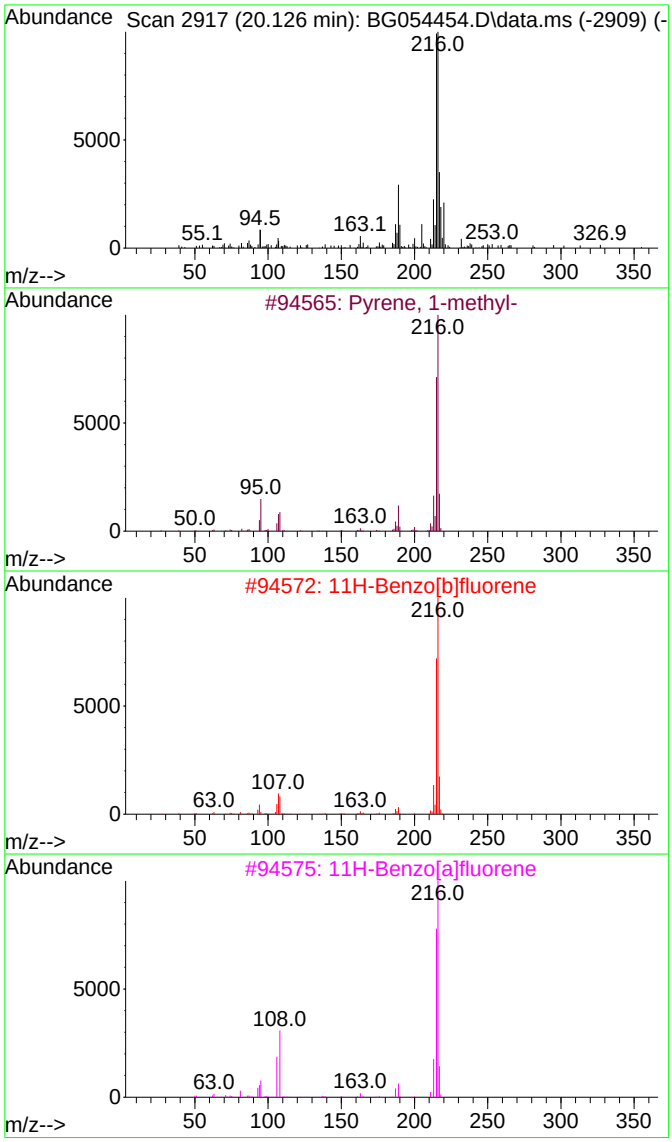
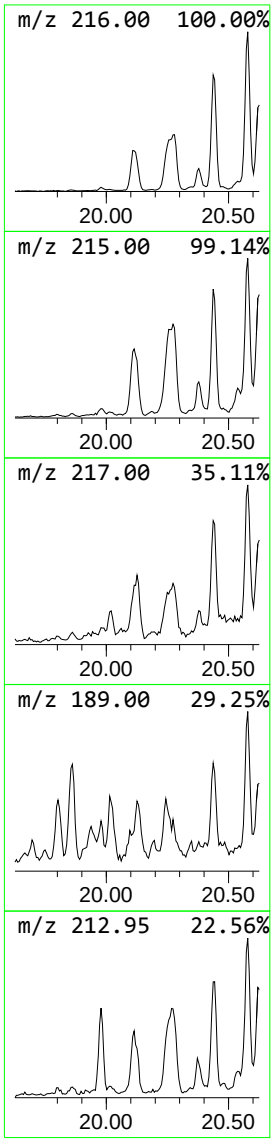
Peak Number 10 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.126	6.28 ng	199872	Chrysene-d12	21.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	58
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	52
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	52





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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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

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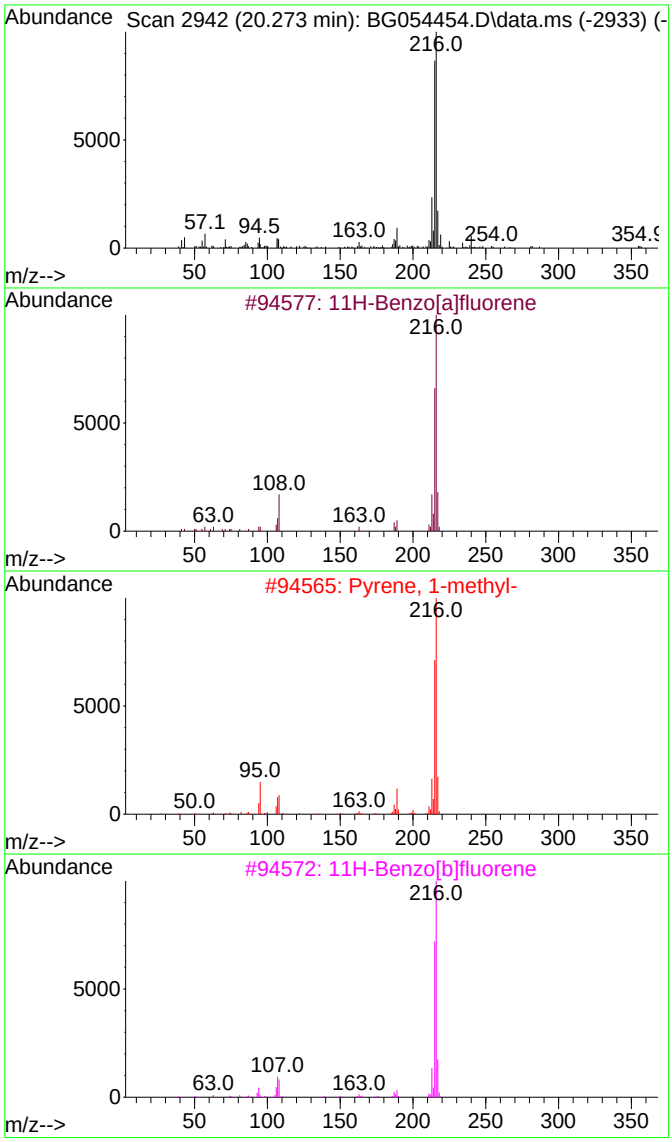
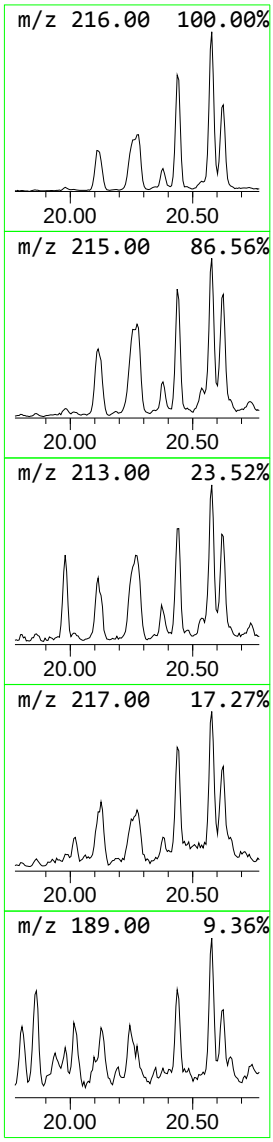
Peak Number 11 11H-Benzo[a]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.273	9.40 ng	298989	Chrysene-d12	21.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80





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Operator : CG/JU
Sample : N3894-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-20

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

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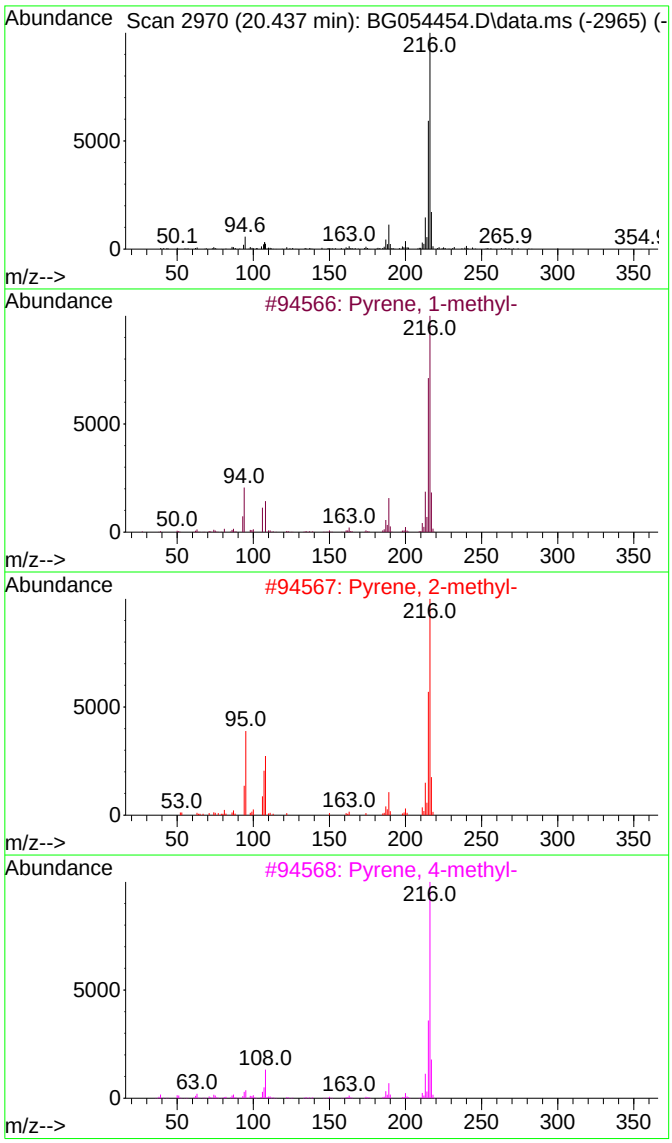
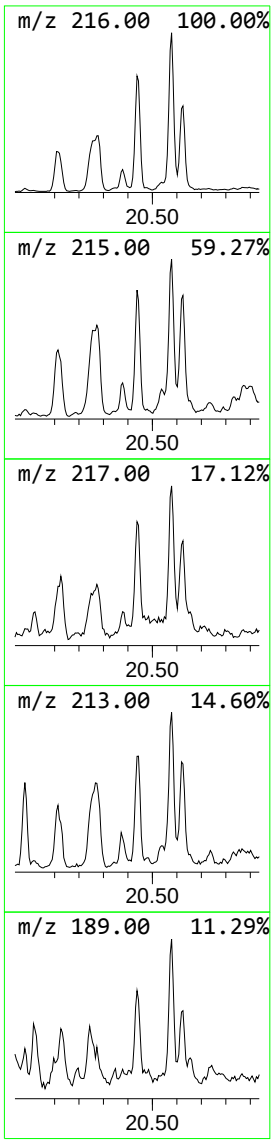
Peak Number 12 Pyrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.437	6.63 ng	210935	Chrysene-d12	21.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91





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Sample : N3894-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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

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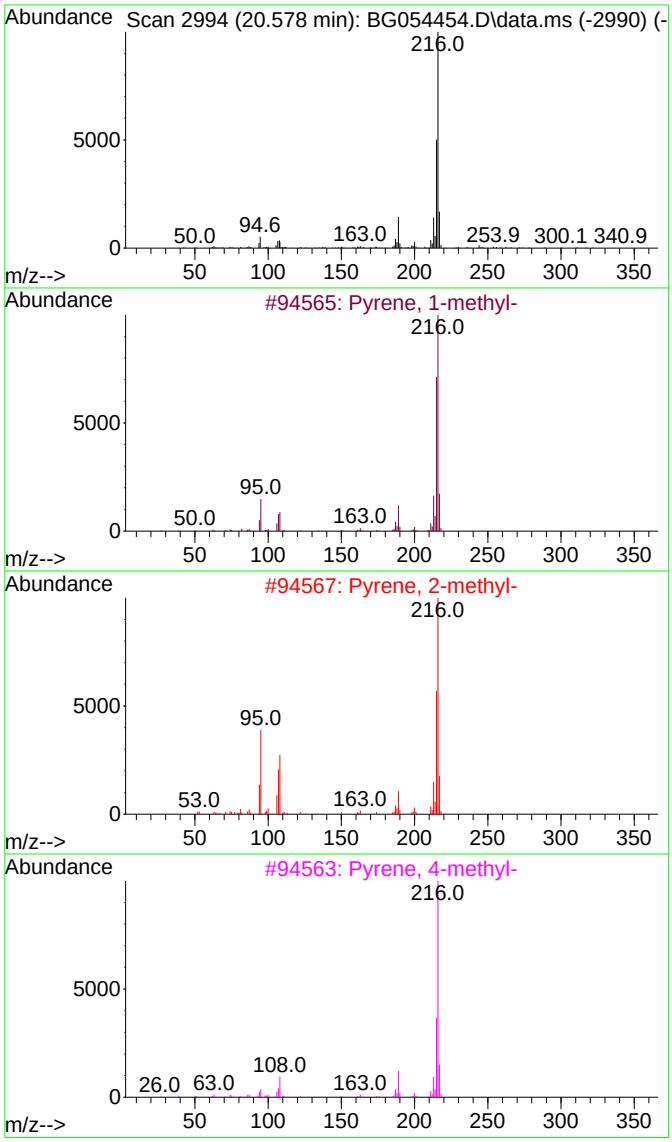
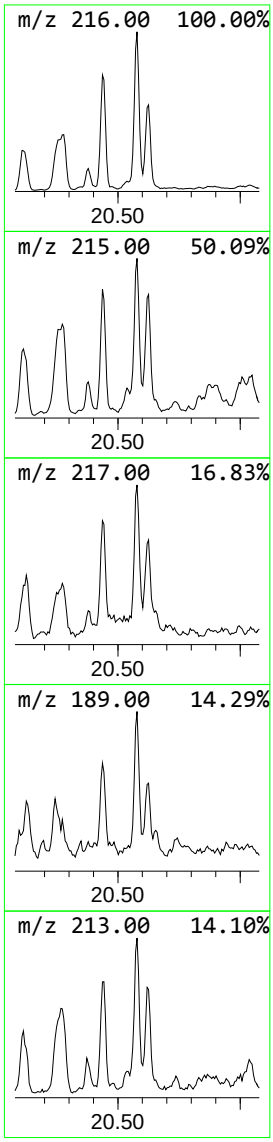
Peak Number 13 Pyrene, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.578	7.58 ng	241274	Chrysene-d12	21.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83





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Sample : N3894-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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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

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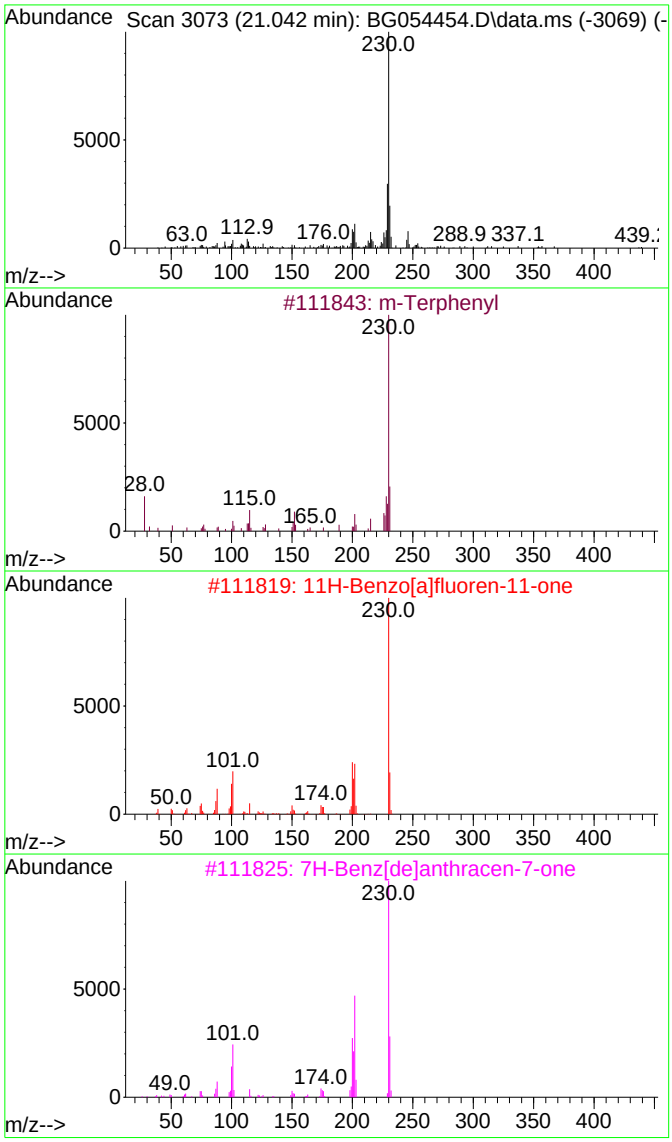
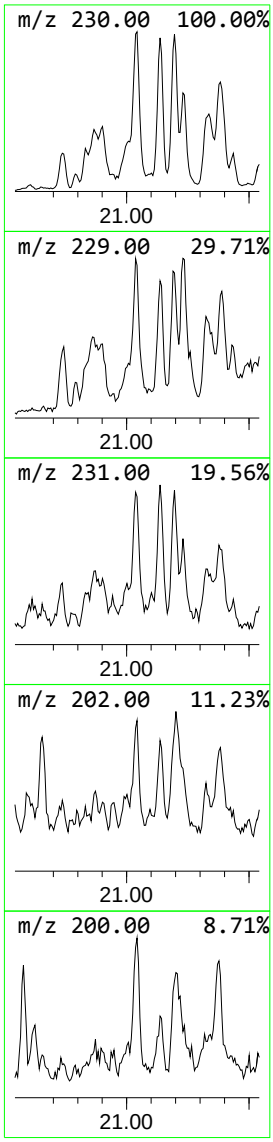
Peak Number 14 m-Terphenyl Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.042	4.64 ng	147656	Chrysene-d12	21.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m-Terphenyl	230	C18H14	000092-06-8	76
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	70
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68
4	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	64
5	p-Terphenyl	230	C18H14	000092-94-4	64





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Sample : N3894-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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

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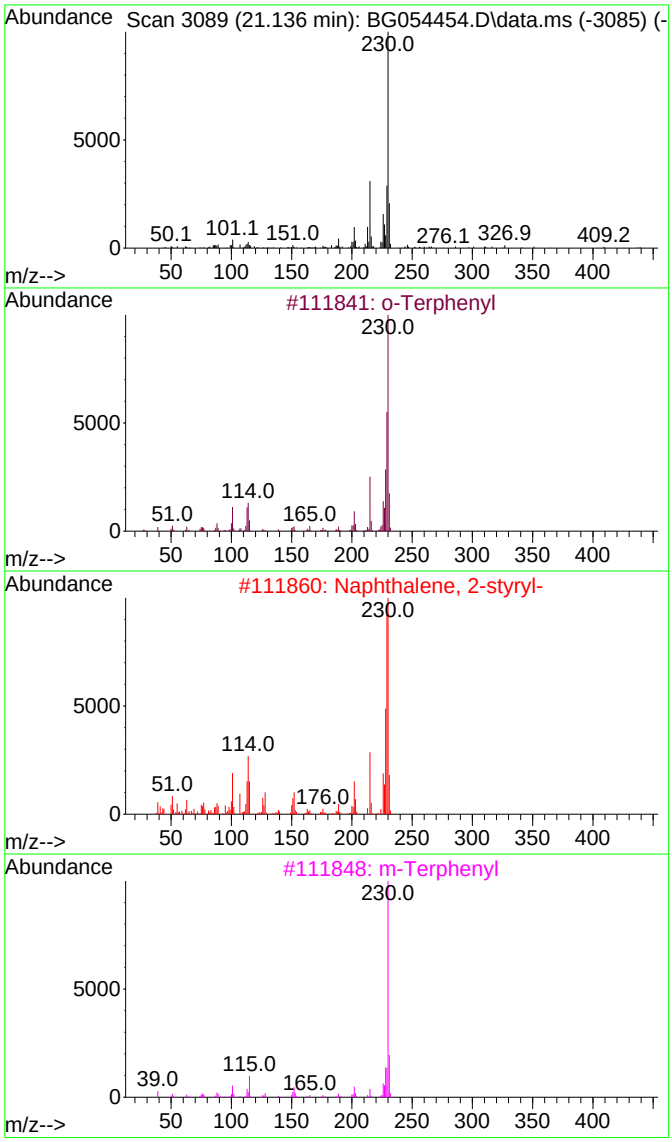
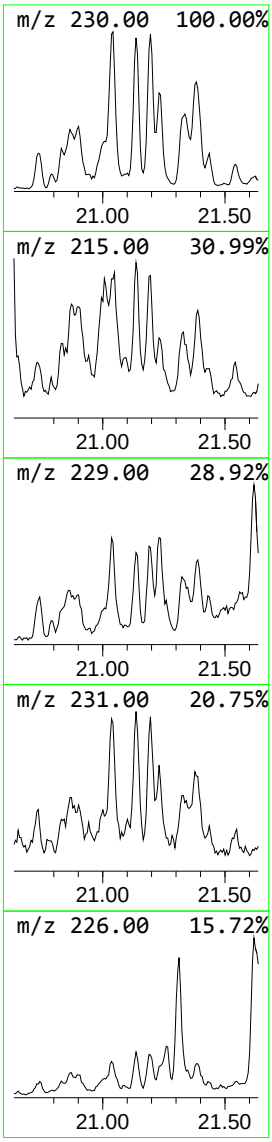
Peak Number 15 o-Terphenyl Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.136	3.76 ng	119746	Chrysene-d12	21.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Terphenyl	230	C18H14	000084-15-1	89
2	Naphthalene, 2-styryl-	230	C18H14	002039-70-5	64
3	m-Terphenyl	230	C18H14	000092-06-8	62
4	p-Terphenyl	230	C18H14	000092-94-4	62
5	Naphthacene, 5,12-dihydro-	230	C18H14	000959-02-4	58





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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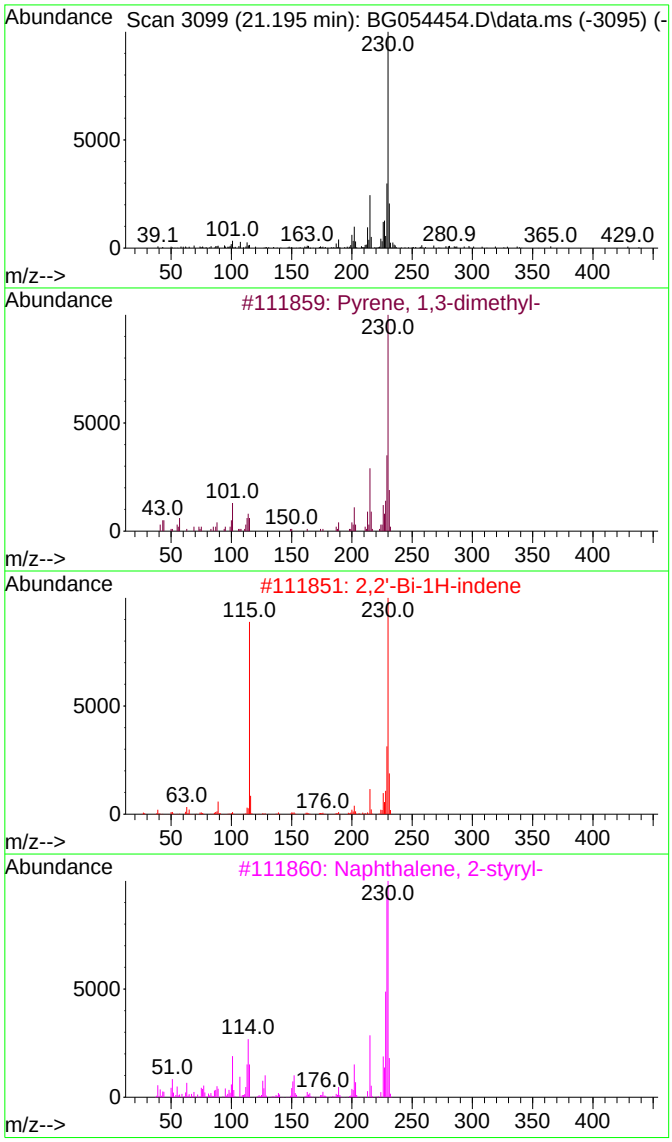
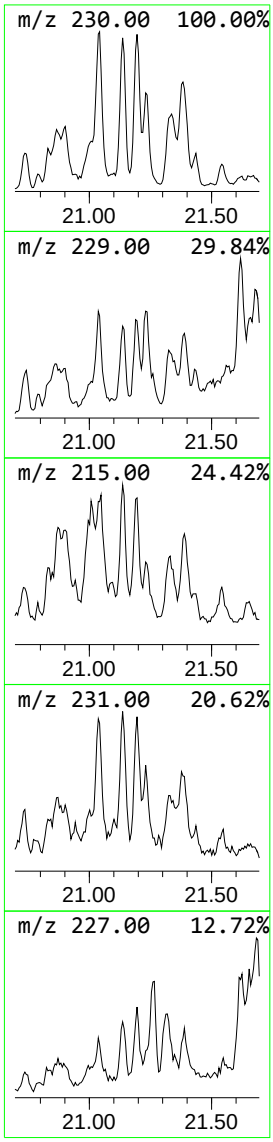
Peak Number 16 Pyrene, 1,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.195	4.41 ng	140401	Chrysene-d12	21.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	93
2	2,2'-Bi-1H-indene	230	C18H14	000787-61-1	91
3	Naphthalene, 2-styryl-	230	C18H14	002039-70-5	76
4	o-Terphenyl	230	C18H14	000084-15-1	68
5	6,6-Diphenylfulvene	230	C18H14	002175-90-8	68





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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

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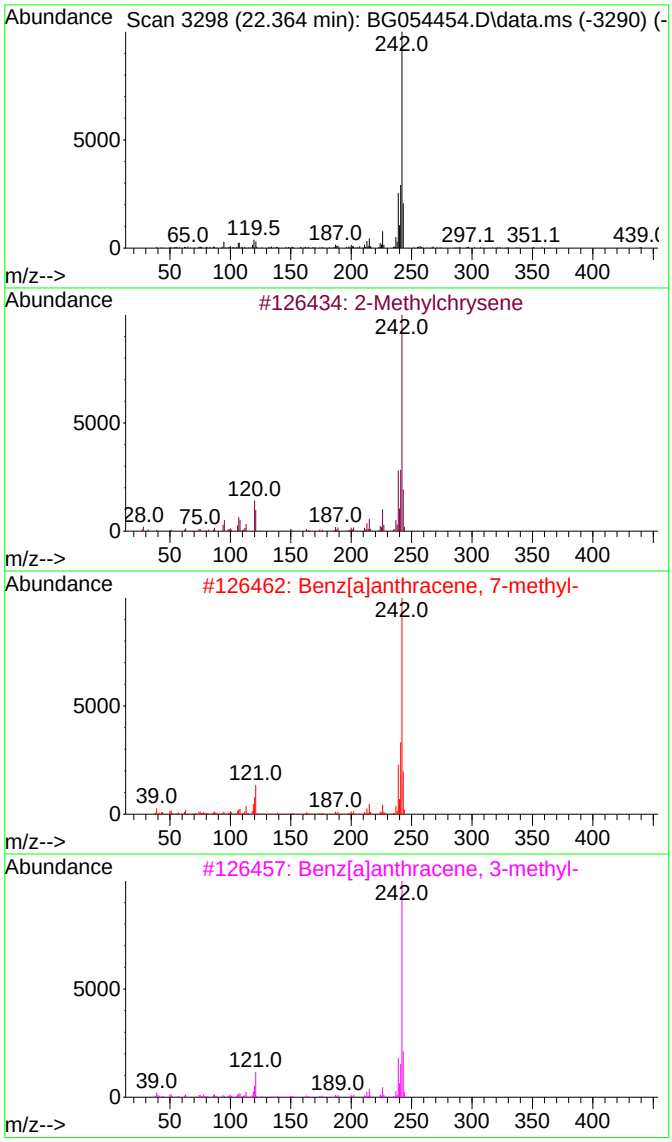
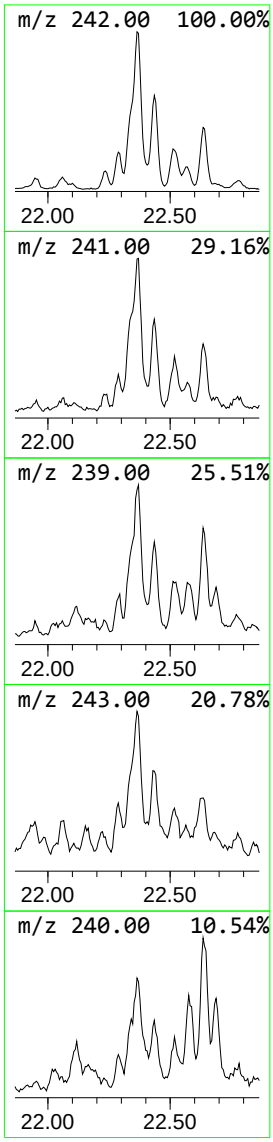
Peak Number 17 2-Methylchrysene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.364	8.30 ng	264251	Chrysene-d12	21.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylchrysene	242	C19H14	003351-32-4	94
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
3	Benz[a]anthracene, 3-methyl-	242	C19H14	002498-75-1	90
4	Chrysene, 6-methyl-	242	C19H14	001705-85-7	90
5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	87





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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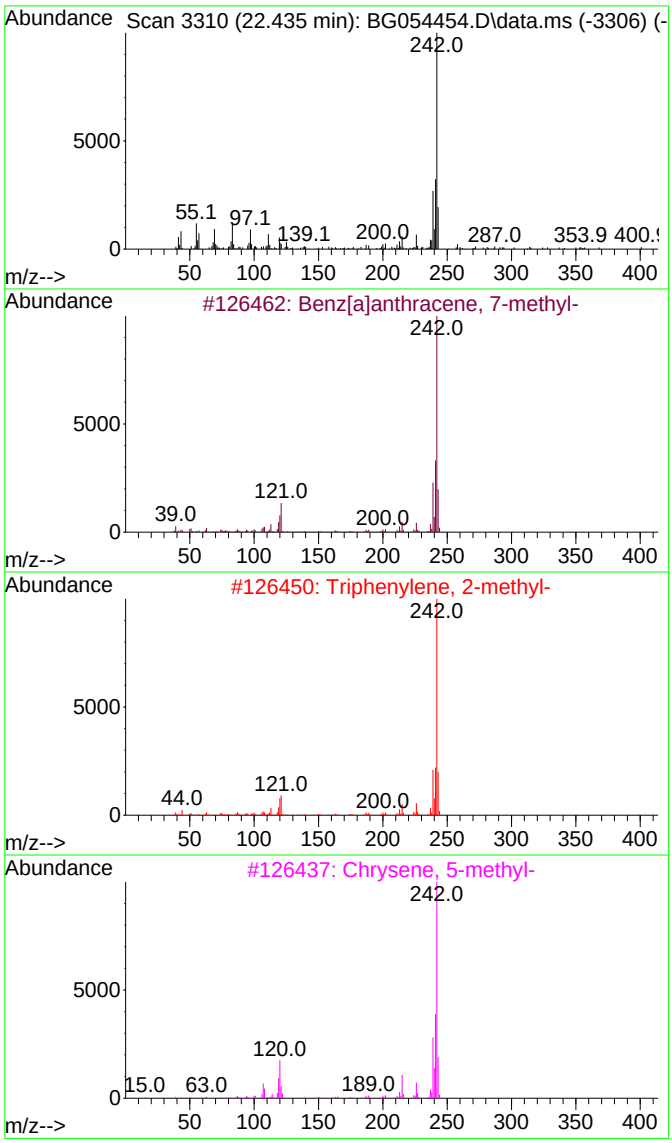
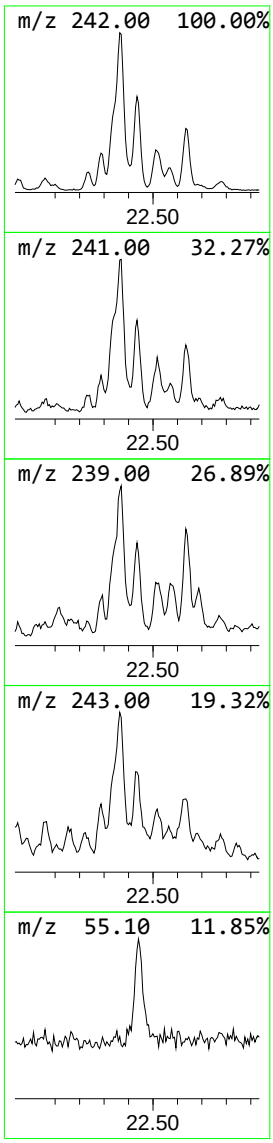
Peak Number 18 Benz[a]anthracene, 7-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.435	6.27 ng	199434	Chrysene-d12	21.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	89
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	76
3	Chrysene, 5-methyl-	242	C19H14	003697-24-3	76
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	76
5	2-Methylchrysene	242	C19H14	003351-32-4	76





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Operator : CG/JU
Sample : N3894-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-20

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

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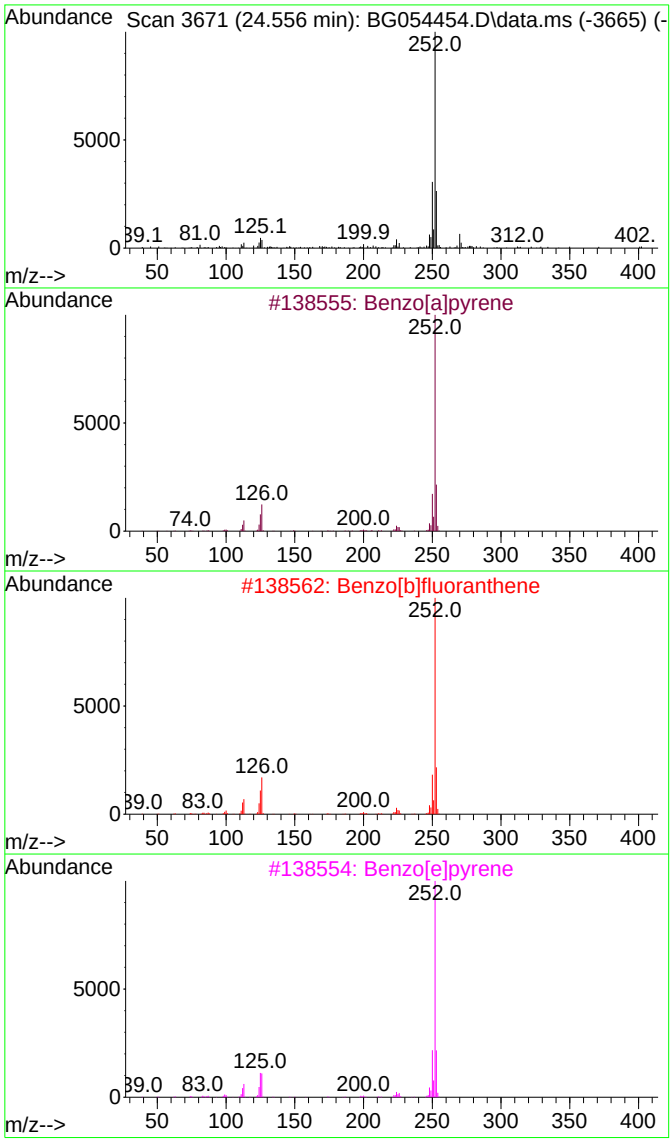
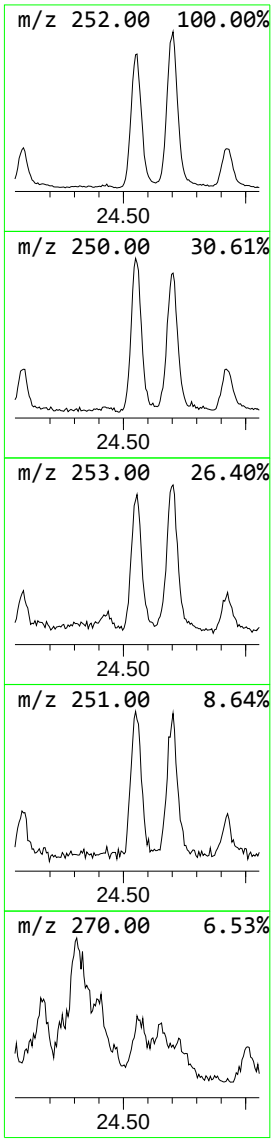
Peak Number 19 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.556	20.64 ng	243581	Perylene-d12	24.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	81
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
3	Benzo[e]pyrene	252	C20H12	000192-97-2	81
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072922\
Data File : BG054454.D
Acq On : 29 Jul 2022 18:16
Operator : CG/JU
Sample : N3894-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-20

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

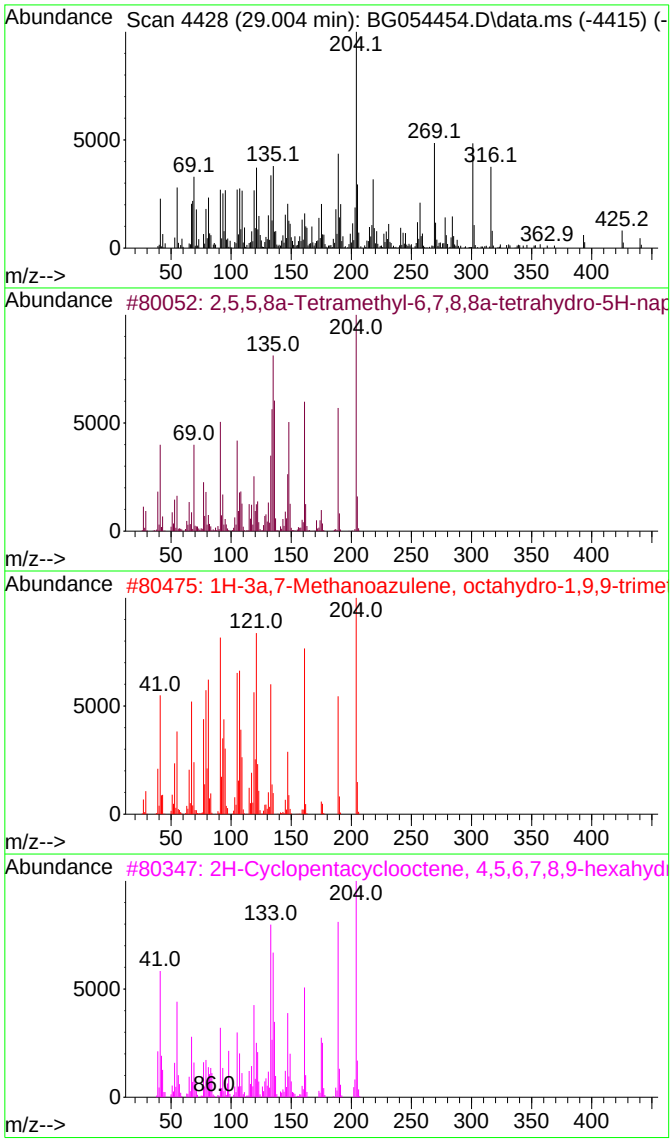
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

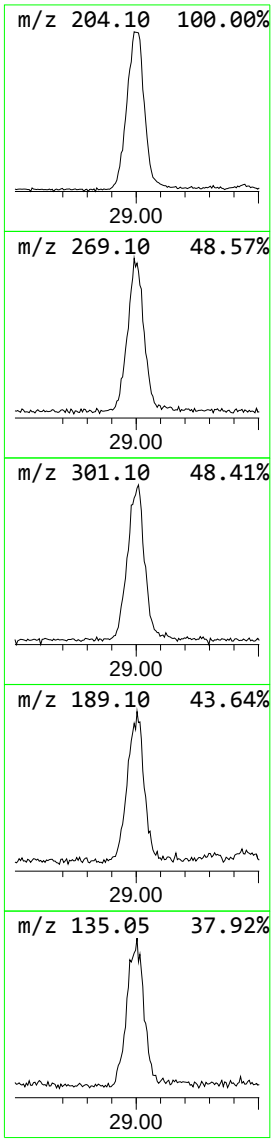
****

Peak Number 20 unknown29.004 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.004	108.20 ng	1276990	Perylene-d12	24.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	41
2	1H-3a,7-Methanoazulene, octahydr...	204	C15H24	000508-55-4	41
3	2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	41
4	3H-3a,7-Methanoazulene, 2,4,5,6,...	204	C15H24	002387-78-2	38
5	3-Chloro-5-fluoro-4-methoxybenzo...	204	C8H6ClFO3	886497-22-9	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072922\
Data File : BG054454.D
Acq On : 29 Jul 2022 18:16
Operator : CG/JU
Sample : N3894-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-20

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
Butane, 2-metho...	3.105	20.3	ng	100464	1	7.987	99092	20.0
Anthracene, 1-m...	18.252	6.8	ng	96775	4	17.370	286510	20.0
Anthracene, 2-m...	18.293	5.7	ng	82286	4	17.370	286510	20.0
1H-Indene, 2-ph...	18.434	8.6	ng	123403	4	17.370	286510	20.0
Phenanthrene, 3...	19.039	4.0	ng	57917	4	17.370	286510	20.0
di-p-Tolylacety...	19.162	14.9	ng	212817	4	17.370	286510	20.0
Phenanthrene, 1...	19.215	6.3	ng	90736	4	17.370	286510	20.0
Cyclopenta(def)...	19.303	10.1	ng	144197	4	17.370	286510	20.0
Phenanthrene, 2...	19.861	5.6	ng	179359	5	21.636	636392	20.0
Pyrene, 1-methyl-	20.126	6.3	ng	199872	5	21.636	636392	20.0
11H-Benzo[a]flu...	20.273	9.4	ng	298989	5	21.636	636392	20.0
Pyrene, 2-methyl-	20.437	6.6	ng	210935	5	21.636	636392	20.0
Pyrene, 4-methyl-	20.578	7.6	ng	241274	5	21.636	636392	20.0
m-Terphenyl	21.042	4.6	ng	147656	5	21.636	636392	20.0
o-Terphenyl	21.136	3.8	ng	119746	5	21.636	636392	20.0
Pyrene, 1,3-dim...	21.195	4.4	ng	140401	5	21.636	636392	20.0
2-Methylchrysene	22.364	8.3	ng	264251	5	21.636	636392	20.0
Benz[a]anthrace...	22.435	6.3	ng	199434	5	21.636	636392	20.0
Benzo[e]pyrene	24.556	20.6	ng	243581	6	24.850	236050	20.0
unknown29.004	29.004	108.2	ng	1276990	6	24.850	236050	20.0