LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072222\
Data File : BG054369.D
Acq On : 22 Jul 2022 21:28
Operator : CG/JU
Sample : N3814-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-DE-2(0-5)

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: BG054369.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.570	364	371	383	rVB	195856	338683	10.25%	0.943%
2	7.174	634	644	655	rBV	209840	380187	11.51%	1.059%
3	7.991	776	783	791	rBV	77731	136574	4.13%	0.380%
4	9.154	974	981	989	rBV	133604	244092	7.39%	0.680%
5	10.800	1250	1261	1267	rBV	101608	190849	5.78%	0.531%
6	13.250	1671	1678	1687	rBB	415923	648217	19.62%	1.805%
7	13.949	1786	1797	1802	rBV2	25971	47399	1.43%	0.132%
8	14.354	1856	1866	1875	rBV	50319	99406	3.01%	0.277%
9	14.630	1902	1913	1918	rBV	171364	294604	8.92%	0.820%
10	14.689	1918	1923	1930	rVB	52105	86051	2.60%	0.240%
11	15.024	1971	1980	1986	rBV2	41628	68160	2.06%	0.190%
12	15.670	2083	2090	2101	rBV	74405	127043	3.85%	0.354%
13	15.964	2135	2140	2148	rVB	31127	57855	1.75%	0.161%
14	16.117	2157	2166	2174	rBV	420879	661069	20.01%	1.841%
15	16.346	2197	2205	2211	rVB6	21332	43550	1.32%	0.121%
16	16.681	2250	2262	2266	rBV4	31955	86929	2.63%	0.242%
17	16.904	2292	2300	2304	rBV3	31778	69996	2.12%	0.195%
18	16.945	2304	2307	2311	rVV2	32934	54097	1.64%	0.151%
19	17.028	2315	2321	2328	rVV2	59707	104652	3.17%	0.291%
20	17.116	2328	2336	2341	rVV4	33018	90576	2.74%	0.252%
21	17.192	2343	2349	2357	rVB	55635	102910	3.11%	0.287%
22	17.374	2374	2380	2383	rBV	216700	361005	10.93%	1.005%
23	17.421	2383	2388	2394	rVV	981243	1534443	46.45%	4.273%
24	17.509	2394	2403	2408	rVV	221948	366771	11.10%	1.021%
25	17.562	2408	2412	2418	rVB3	34827	63224	1.91%	0.176%
26	17.774	2438	2448	2453	rBV2	99927	205290	6.21%	0.572%
27	17.885	2464	2467	2472	rVB	30392	39181	1.19%	0.109%
28	17.956	2473	2479	2487	rVB2	45853	85781	2.60%	0.239%
29	18.250	2520	2529	2533	rBV	215984	375011	11.35%	1.044%
30	18.297	2533	2537	2544	rVB	269780	425397	12.88%	1.185%
31	18.379	2545	2551	2556	rBV	107709	178793	5.41%	0.498%
32	18.444	2556	2562	2566	rBV2	292762	583366	17.66%	1.625%
33	18.479	2566	2568	2574	rVB	150703	195757	5.93%	0.545%
34	18.549	2576	2580	2584	rBV3	30815	41656	1.26%	0.116%
35	18.643	2592	2596	2601	rBV4	23067	38998	1.18%	0.109%
36	18.743	2608	2613	2617	rBV	153055	222691	6.74%	0.620%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072222\
Data File : BG054369.D
Acq On : 22 Jul 2022 21:28
Operator : CG/JU
Sample : N3814-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-DE-2(0-5)

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	18.790	2617	2621	2630	rVB2	108623	176564	5.34%	0.492%
38	18.990	2647	2655	2659	rBV3	68596	128727	3.90%	0.358%
39	19.043	2660	2664	2667	rBV	51152	64413	1.95%	0.179%
40	19.078	2667	2670	2675	rVB2	53438	70177	2.12%	0.195%
41	19.160	2679	2684	2690	rBV	147830	296862	8.99%	0.827%
42	19.225	2692	2695	2699	rVV3	39846	58224	1.76%	0.162%
43	19.307	2704	2709	2717	rVB3	120769	234885	7.11%	0.654%
44	19.437	2723	2731	2736	rBV	2115001	3303723	100.00%	9.201%
45	19.484	2736	2739	2742	rVV	40937	49417	1.50%	0.138%
46	19.525	2742	2746	2751	rVB	78595	109084	3.30%	0.304%
47	19.578	2751	2755	2758	rBV2	44994	59685	1.81%	0.166%
48	19.625	2759	2763	2766	rBV3	38482	62471	1.89%	0.174%
49	19.672	2767	2771	2775	rVV	62370	88241	2.67%	0.246%
50	19.801	2788	2793	2799	rVB	1775486	2840375	85.97%	7.910%
51	19.860	2799	2803	2810	rVB2	144649	231114	7.00%	0.644%
52	19.983	2816	2824	2828	rBV2	774002	1178899	35.68%	3.283%
53	20.030	2828	2832	2839	rVB	140975	224422	6.79%	0.625%
54	20.112	2840	2846	2852	rBV2	185555	493450	14.94%	1.374%
55	20.253	2863	2870	2871	rBV3	130063	255876	7.75%	0.713%
56	20.283	2871	2875	2880	rVB	366537	549794	16.64%	1.531%
57	20.383	2887	2892	2895	rBV	232634	324139	9.81%	0.903%
58	20.441	2895	2902	2906	rVV2	221195	416045	12.59%	1.159%
59	20.518	2912	2915	2920	rVB3	62167	85451	2.59%	0.238%
60	20.582	2922	2926	2929	rVV	146817	197600	5.98%	0.550%
61	20.623	2930	2933	2937	rVB	146042	194438	5.89%	0.541%
62	20.835	2966	2969	2972	rBV3	43590	65736	1.99%	0.183%
63	20.999	2994	2997	3000	rBV2	39373	58111	1.76%	0.162%
64	21.041	3000	3004	3012	rVB	245733	394487	11.94%	1.099%
65	21.223	3029	3035	3039	rBV3	209097	431189	13.05%	1.201%
66	21.264	3039	3042	3047	rVV	229118	378765	11.46%	1.055%
67	21.317	3047	3051	3056	rVV2	230805	430245	13.02%	1.198%
68	21.375	3057	3061	3073	rVB	246969	467916	14.16%	1.303%
69	21.522	3081	3086	3091	rVB2	193516	323846	9.80%	0.902%
70	21.628	3095	3104	3110	rVV3	1350941	3107311	94.05%	8.654%
71	21.693	3111	3115	3126	rVB	1086476	2049783	62.04%	5.708%
72	21.840	3136	3140	3147	rBV	155982	272294	8.24%	0.758%
73	22.045	3170	3175	3182	rBV2	162521	328414	9.94%	0.915%
74	22.368	3226	3230	3235	rVB	224651	385750	11.68%	1.074%
75	22.639	3272	3276	3280	rBV	100130	182515	5.52%	0.508%
76	23.855	3472	3483	3489	rBV	766944	2760940	83.57%	7.689%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072222\
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-DE-2(0-5)

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

77	24.096	3518	3524	3533	rVB	159475	363341	11.00%	1.012%
78	24.566	3596	3604	3617	rVB	430901	1386504	41.97%	3.861%
79	24.719	3620	3630	3641	rVB	665670	1914513	57.95%	5.332%
80	24.860	3648	3654	3659	rBV3	109294	261940	7.93%	0.729%

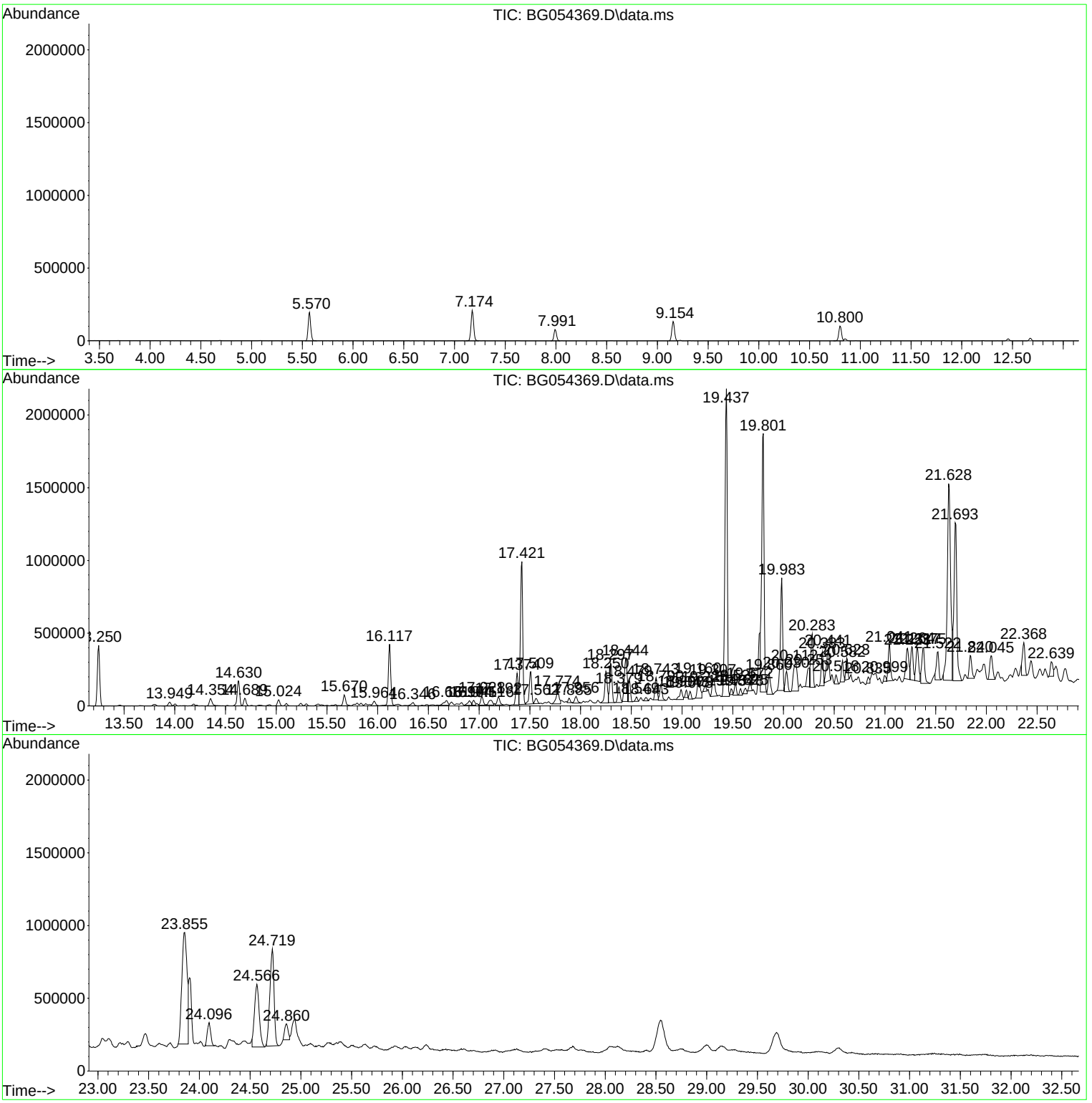
Sum of corrected areas: 35907939

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072222\
Data File : BG054369.D
Acq On : 22 Jul 2022 21:28
Operator : CG/JU
Sample : N3814-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-DE-2(0-5)

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\BG072222\
Data File : BG054369.D
Acq On : 22 Jul 2022 21:28
Operator : CG/JU
Sample : N3814-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-DE-2(0-5)

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

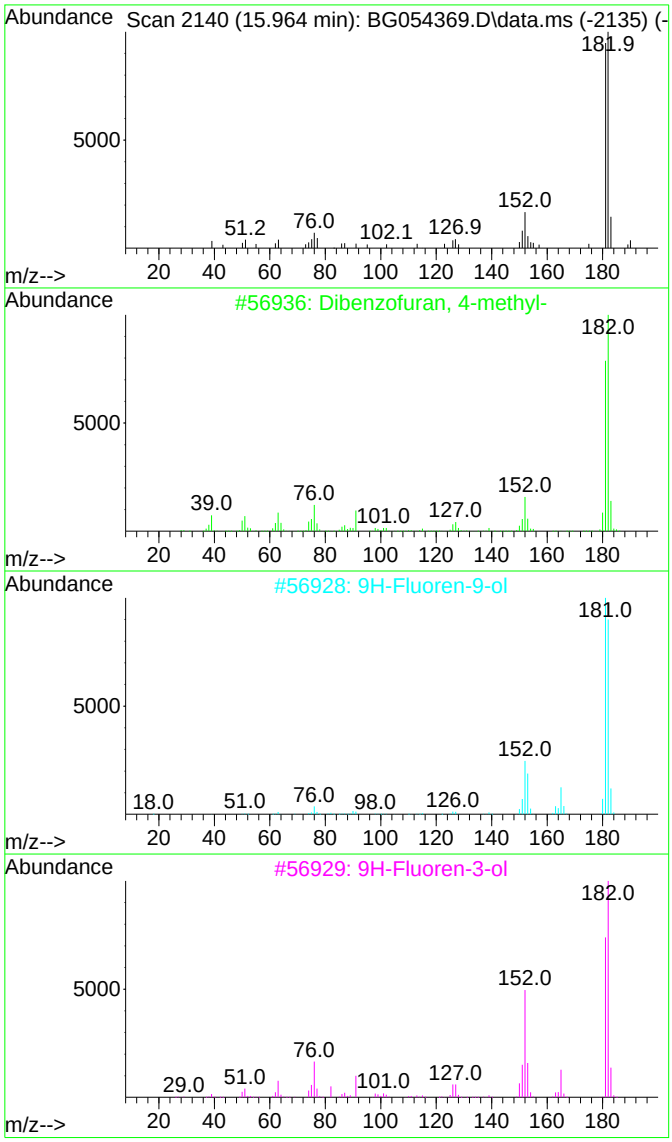
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

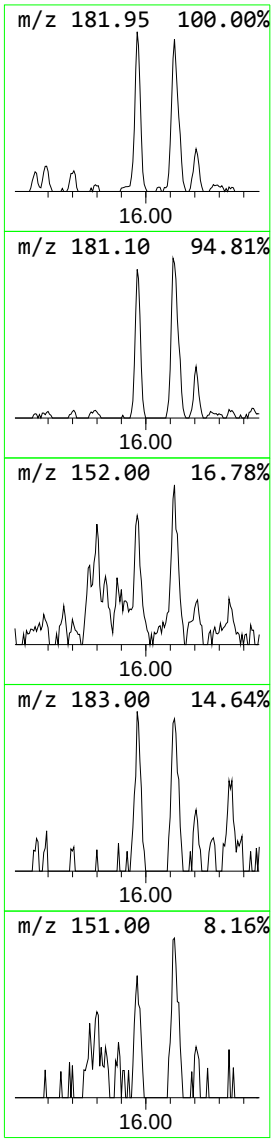
****

Peak Number 1 Dibenzofuran, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.964	3.93 ng	57855	Acenaphthene-d10	14.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
3	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	78
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72
5	Norharmane, N-methyl-	182	C12H10N2	1010374-78-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072222\
Data File : BG054369.D
Acq On : 22 Jul 2022 21:28
Operator : CG/JU
Sample : N3814-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-DE-2(0-5)

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

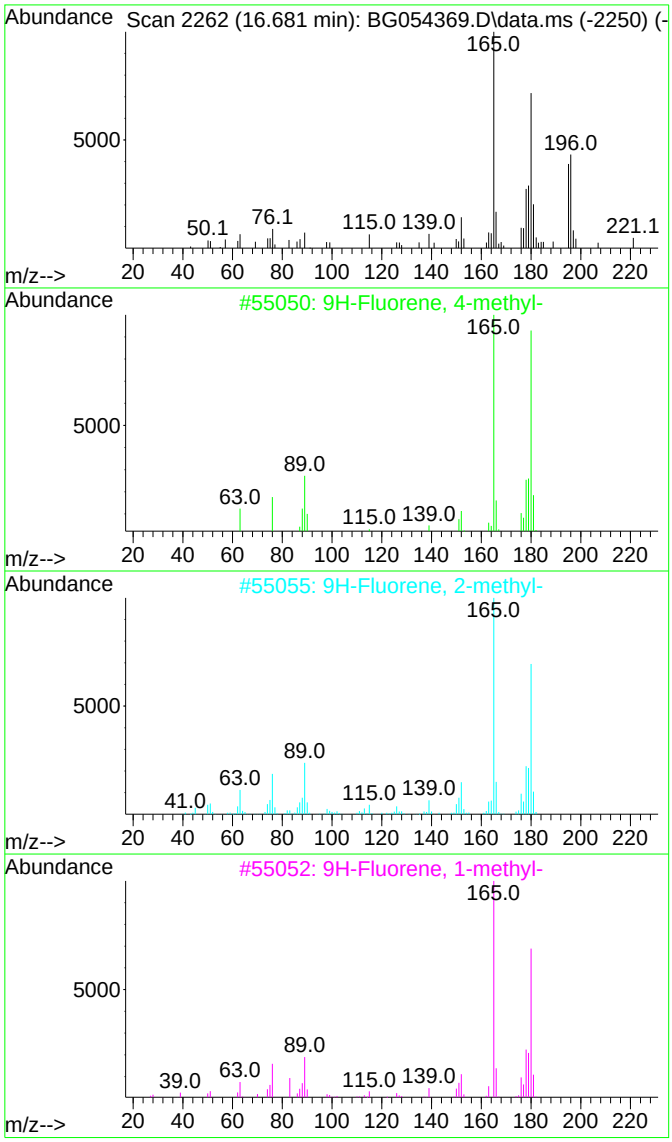
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

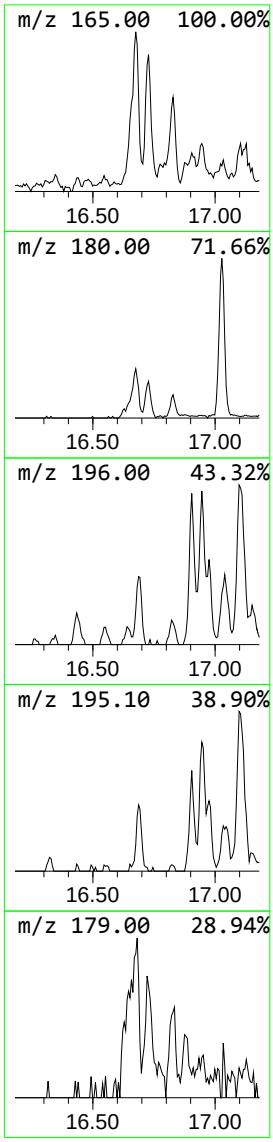
****

Peak Number 2 9H-Fluorene, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.681	4.82 ng	86929	Phenanthrene-d10	17.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	78
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	55
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	55
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	45
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072222\
Data File : BG054369.D
Acq On : 22 Jul 2022 21:28
Operator : CG/JU
Sample : N3814-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-DE-2(0-5)

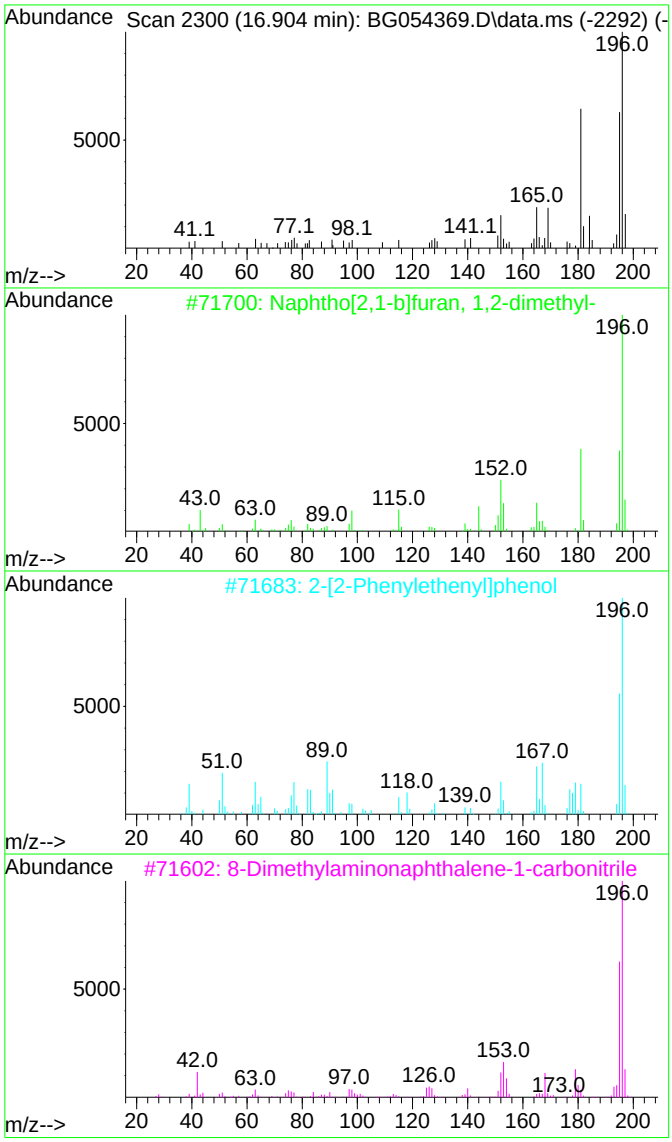
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

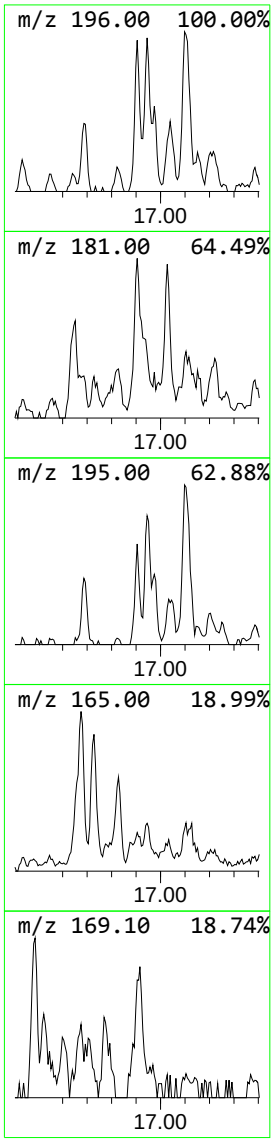
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphtho[2,1-b]furan, 1,2-di... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.904	3.88 ng	69996	Phenanthrene-d10	17.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	64
2	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	58
3	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	52
4	1-Ethyl-6,7-difluoro-2-methyl-1,...	196	C10H10F2N2	1381944-71-3	52
5	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072222\
Data File : BG054369.D
Acq On : 22 Jul 2022 21:28
Operator : CG/JU
Sample : N3814-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-DE-2(0-5)

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

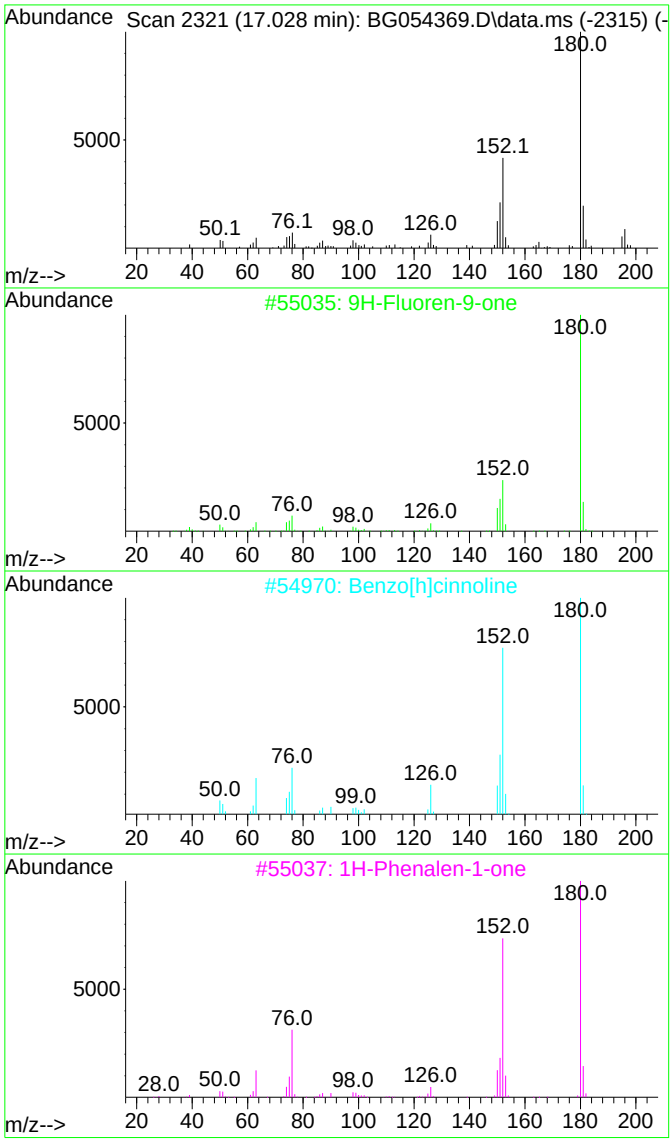
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

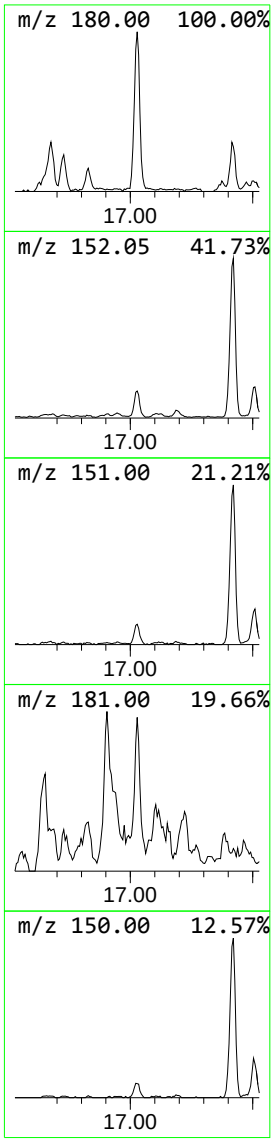
****

Peak Number 4 9H-Fluoren-9-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.028	5.80 ng	104652	Phenanthrene-d10	17.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	59
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	53
4	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	45
5	9-Aminofluorene	181	C13H11N	000525-03-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072222\
Data File : BG054369.D
Acq On : 22 Jul 2022 21:28
Operator : CG/JU
Sample : N3814-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-DE-2(0-5)

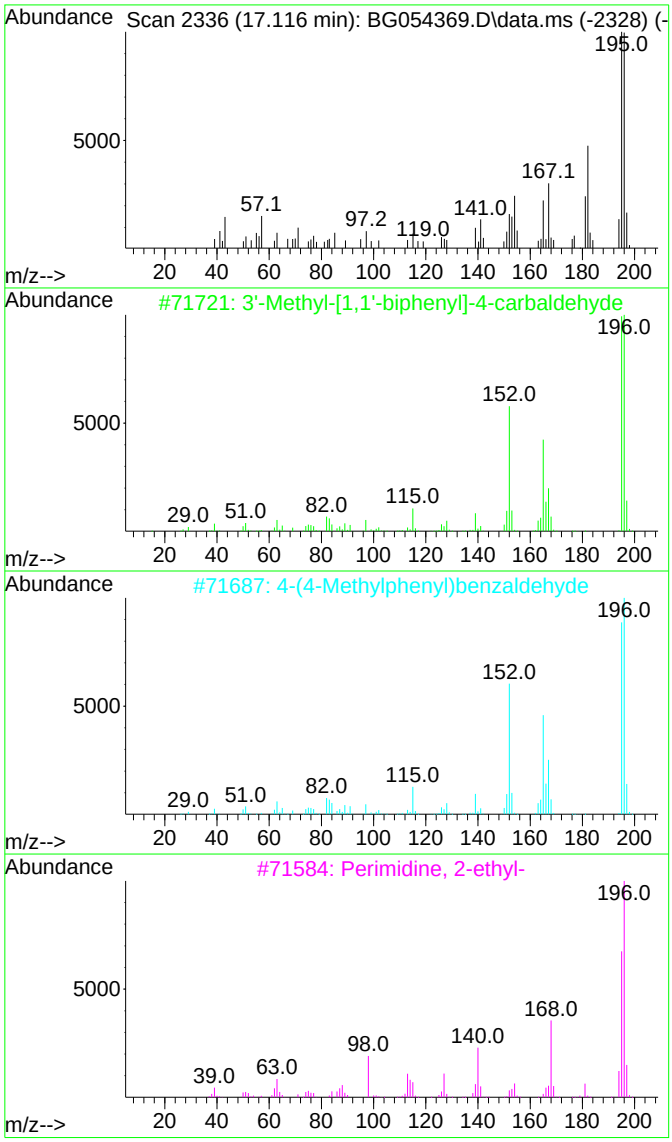
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

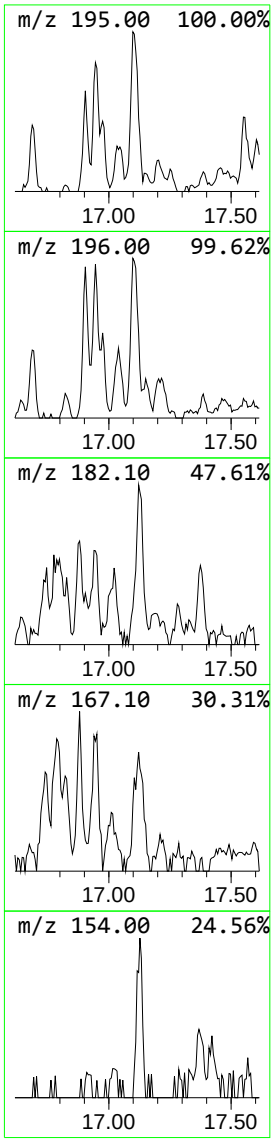
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 3'-Methyl-[1,1'-biphenyl]-4... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.116	5.02 ng	90576	Phenanthrene-d10	17.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	64
2	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	52
3	Perimidine, 2-ethyl-	196	C13H12N2	028478-13-9	49
4	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	49
5	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072222\
Data File : BG054369.D
Acq On : 22 Jul 2022 21:28
Operator : CG/JU
Sample : N3814-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-DE-2(0-5)

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

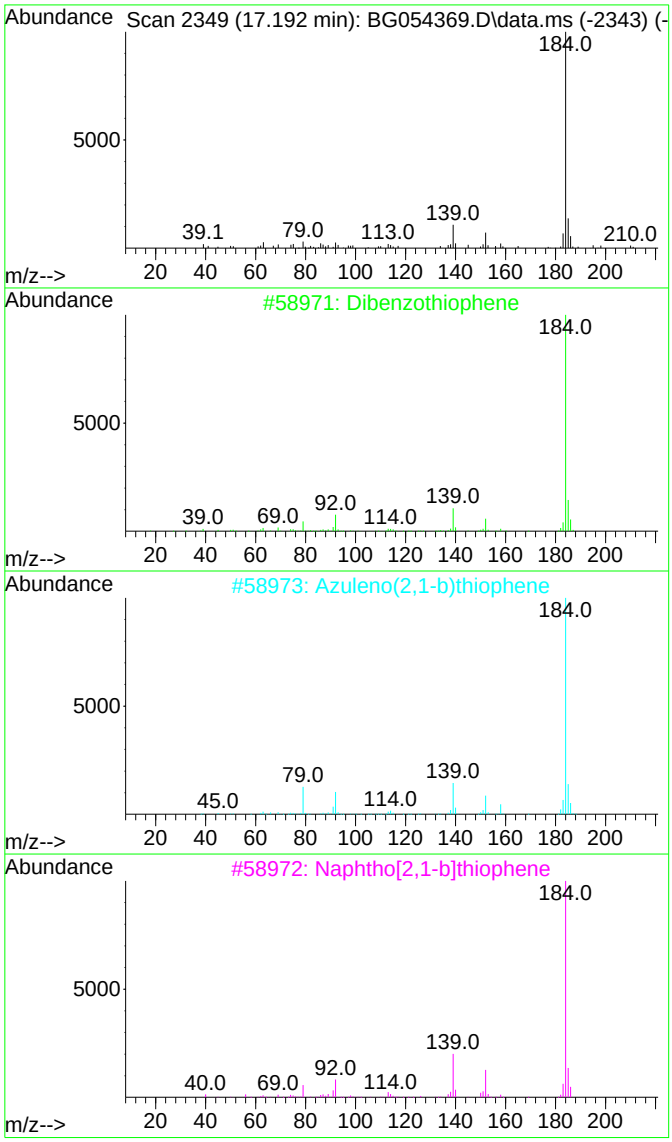
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

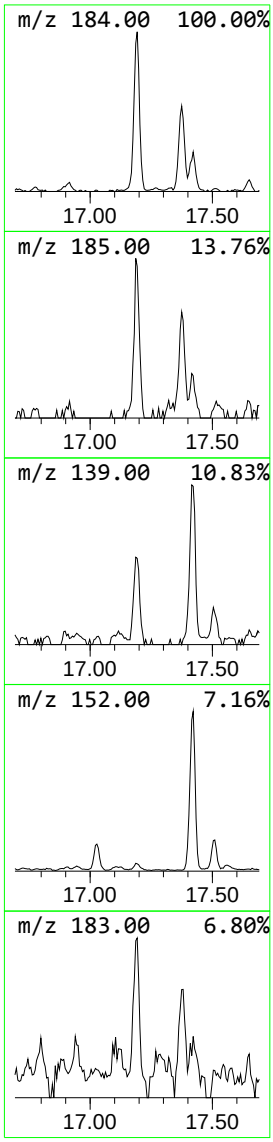
****

Peak Number 6 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.192	5.70 ng	102910	Phenanthrene-d10	17.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	93
2	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	90
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	87





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Acq On : 22 Jul 2022 21:28
Operator : CG/JU
Sample : N3814-07
Misc :
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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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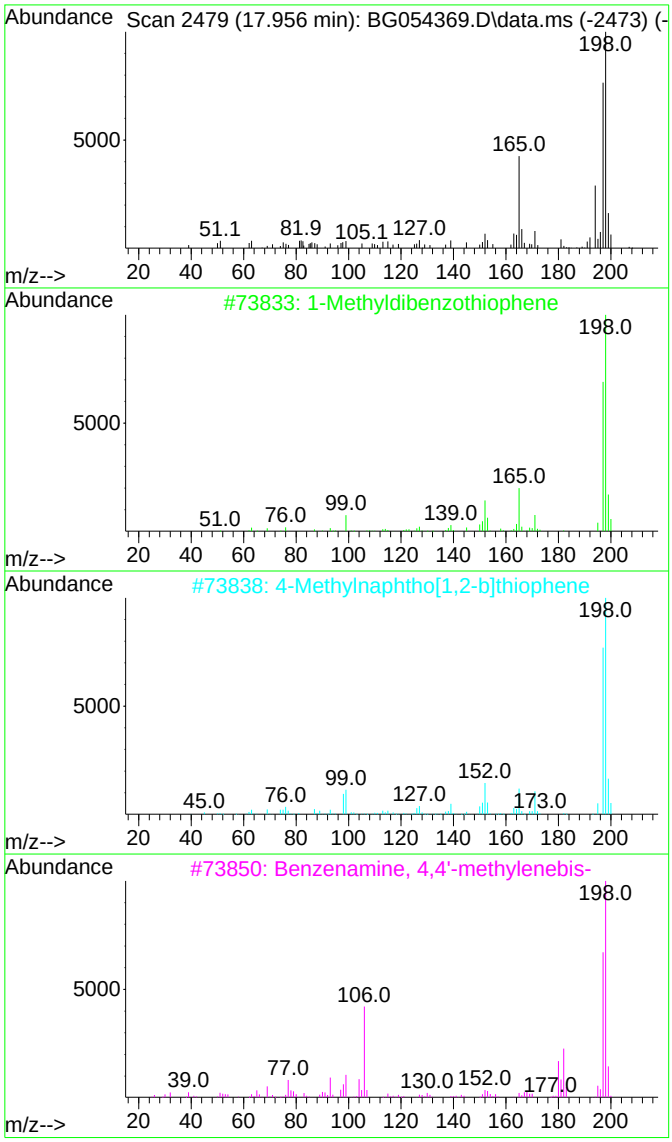
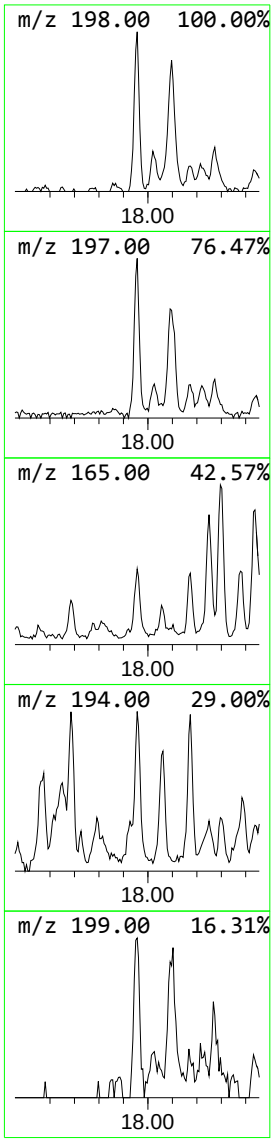
Peak Number 7 1-Methyldibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.956	4.75 ng	85781	Phenanthrene-d10	17.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	64
2	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	58
3	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	53
4	Pyridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	53
5	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	49





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Instrument :
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ClientSampleId :
ENV-DE-2(0-5)

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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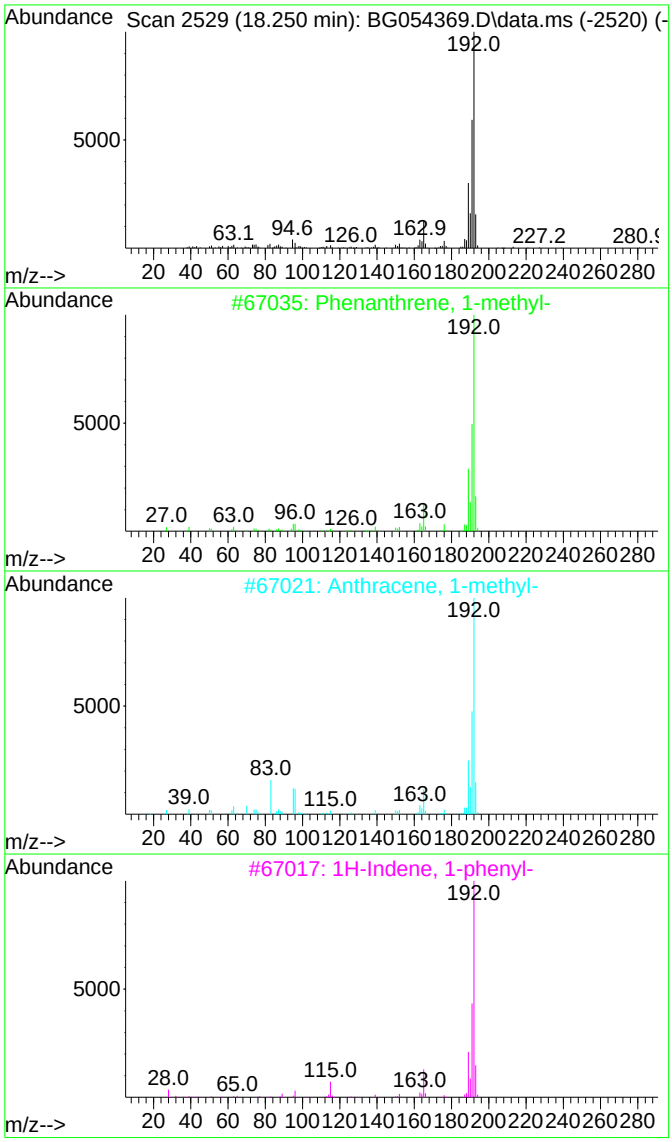
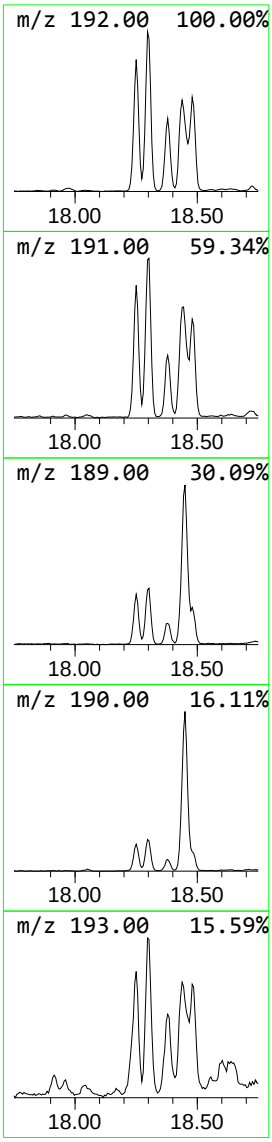
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.250	20.78 ng	375011	Phenanthrene-d10	17.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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ClientSampleId :
ENV-DE-2(0-5)

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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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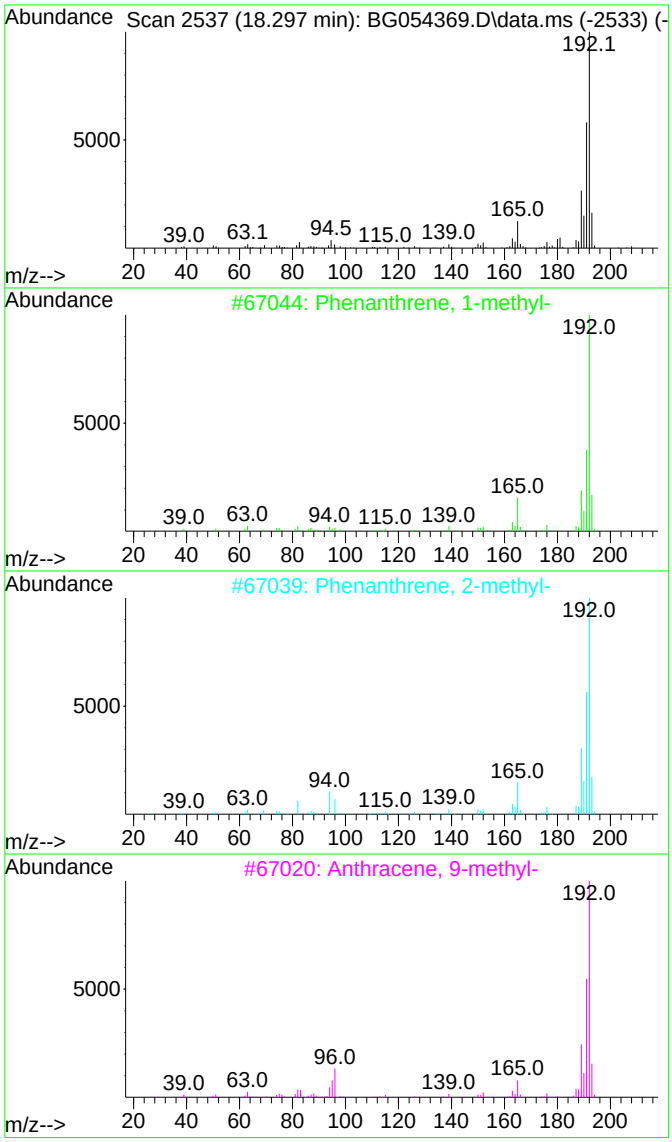
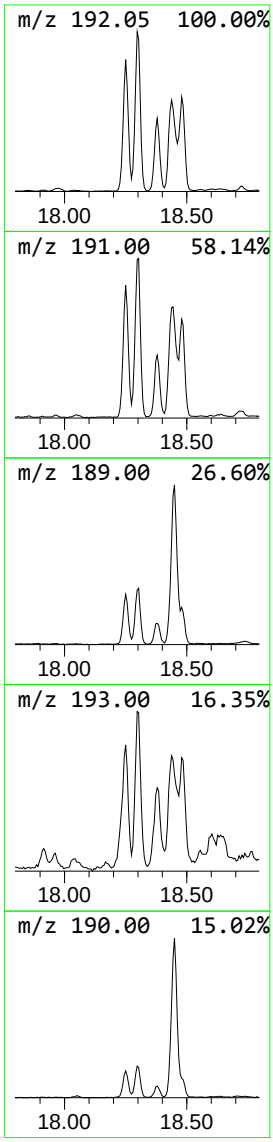
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.297	23.57 ng	425397	Phenanthrene-d10	17.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91





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Misc :
ALS Vial : 14 Sample Multiplier: 1

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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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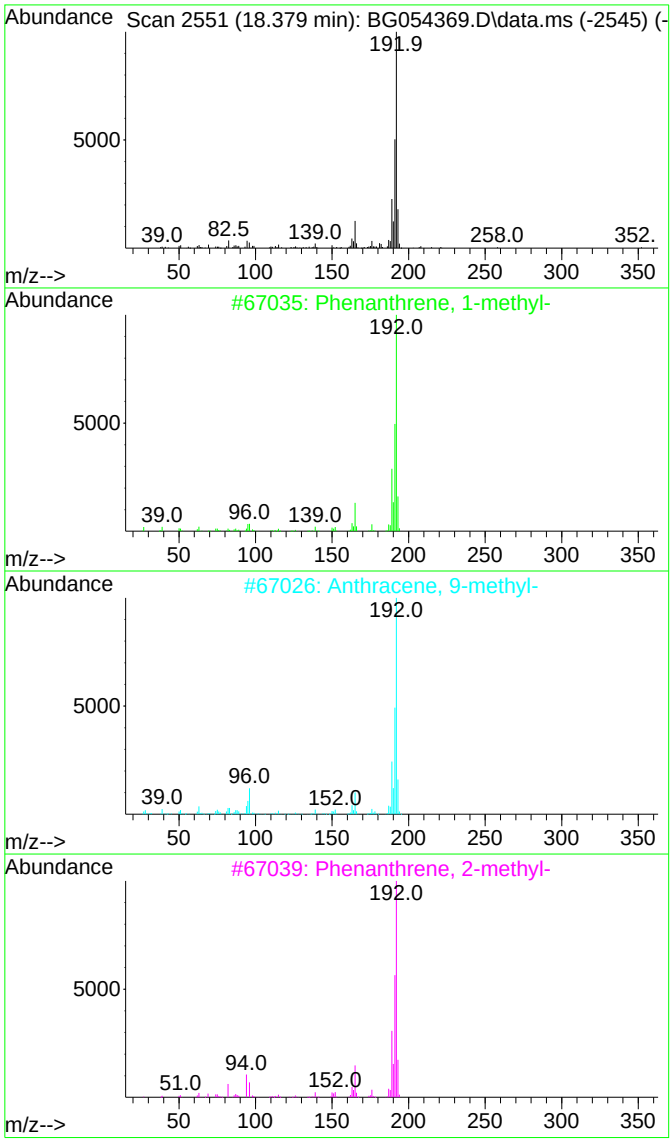
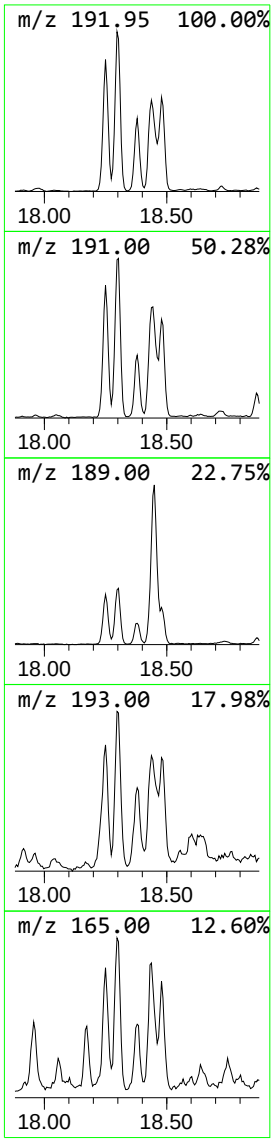
Peak Number 10 Anthracene, 9-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.379	9.91 ng	178793	Phenanthrene-d10	17.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93





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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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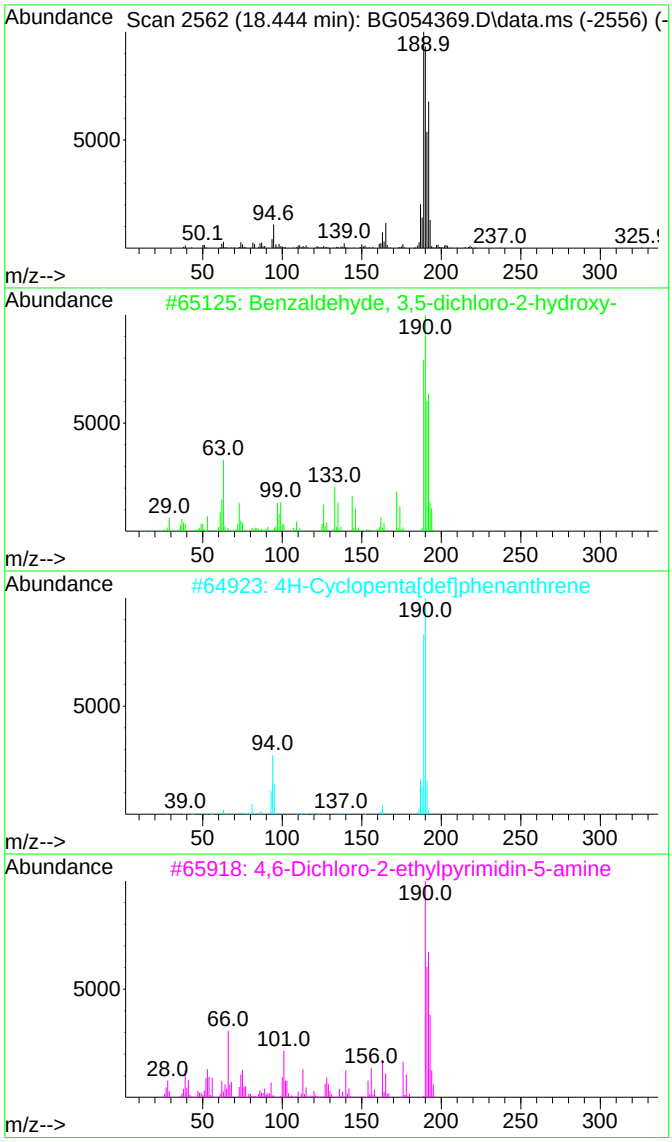
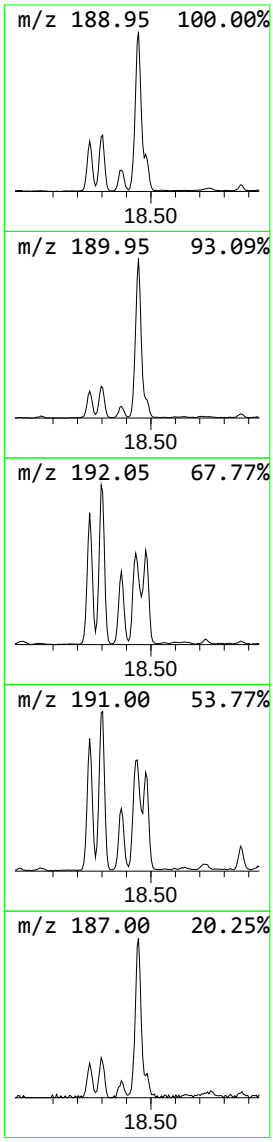
Peak Number 11 Benzaldehyde, 3,5-dichloro-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.444	32.32 ng	583366	Phenanthrene-d10	17.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	46
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	30





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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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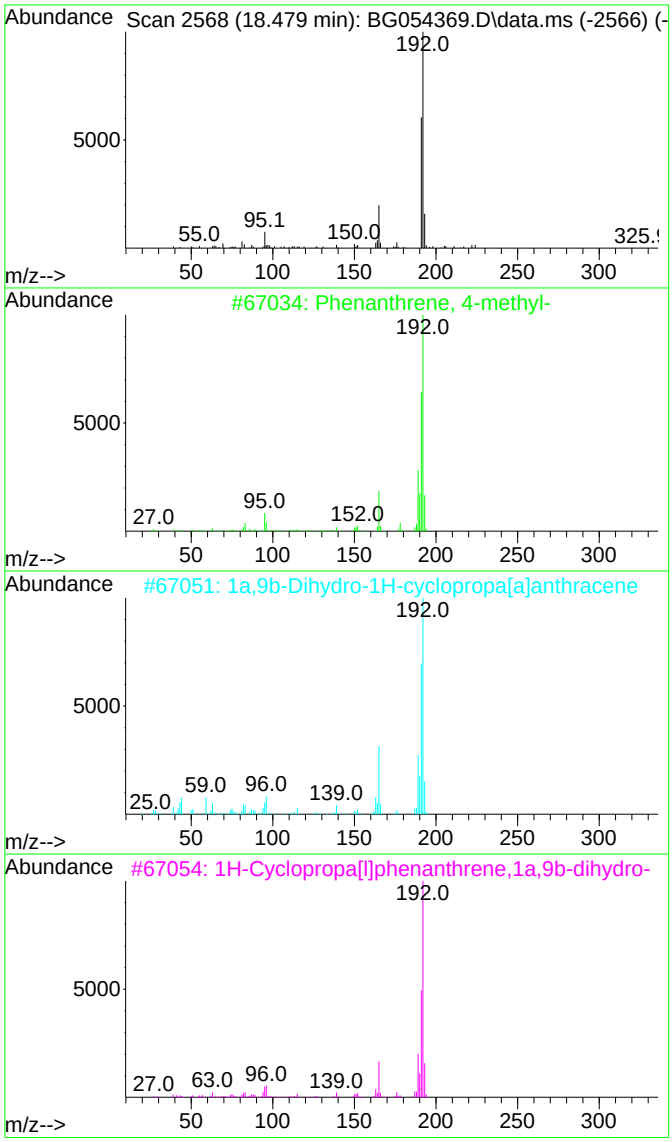
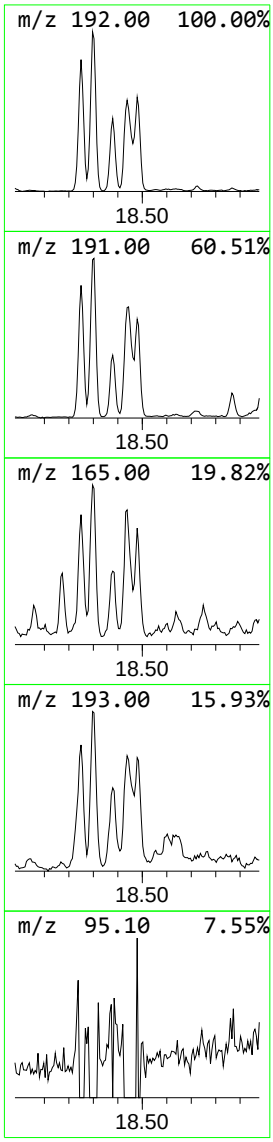
Peak Number 12 Phenanthrene, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.479	10.85 ng	195757	Phenanthrene-d10	17.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
2	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	90
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	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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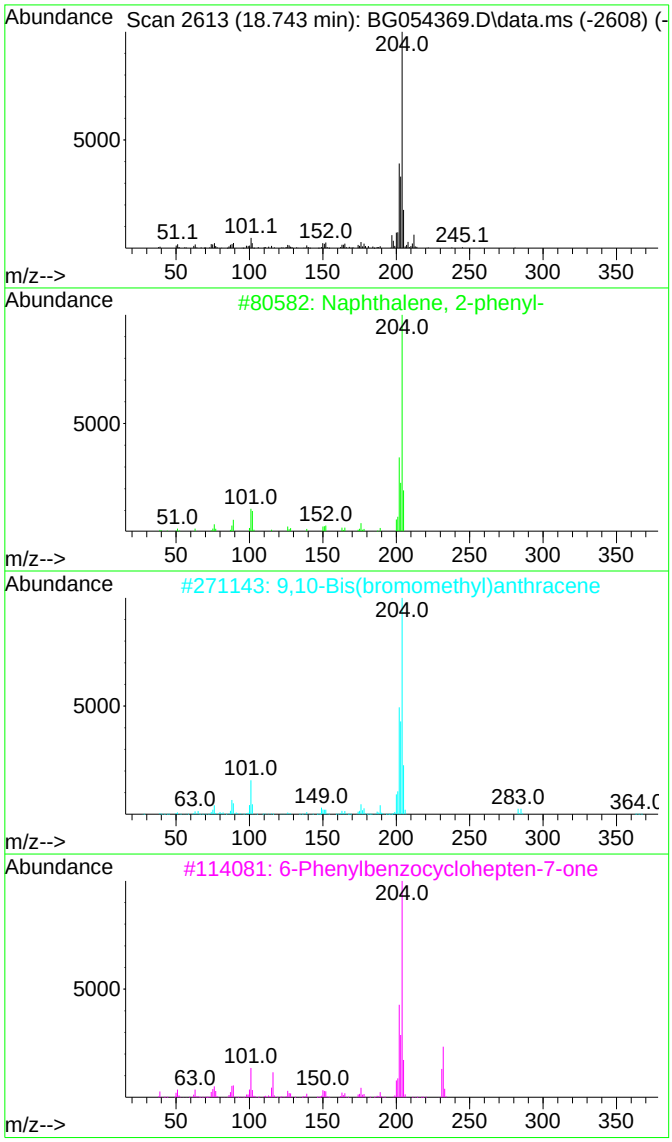
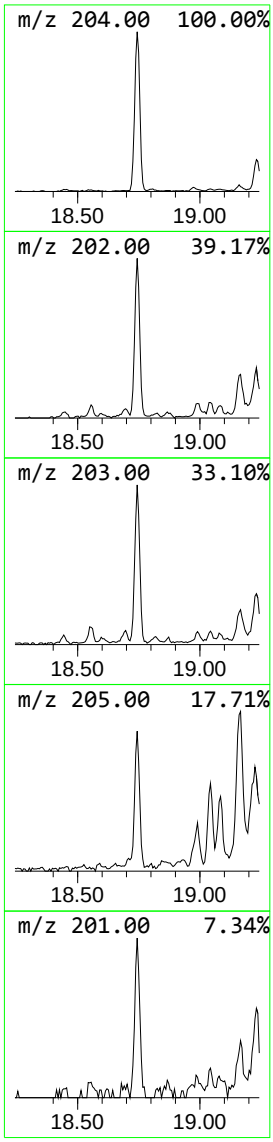
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.743	12.34 ng	222691	Phenanthrene-d10	17.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	78
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	64
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	56
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	46





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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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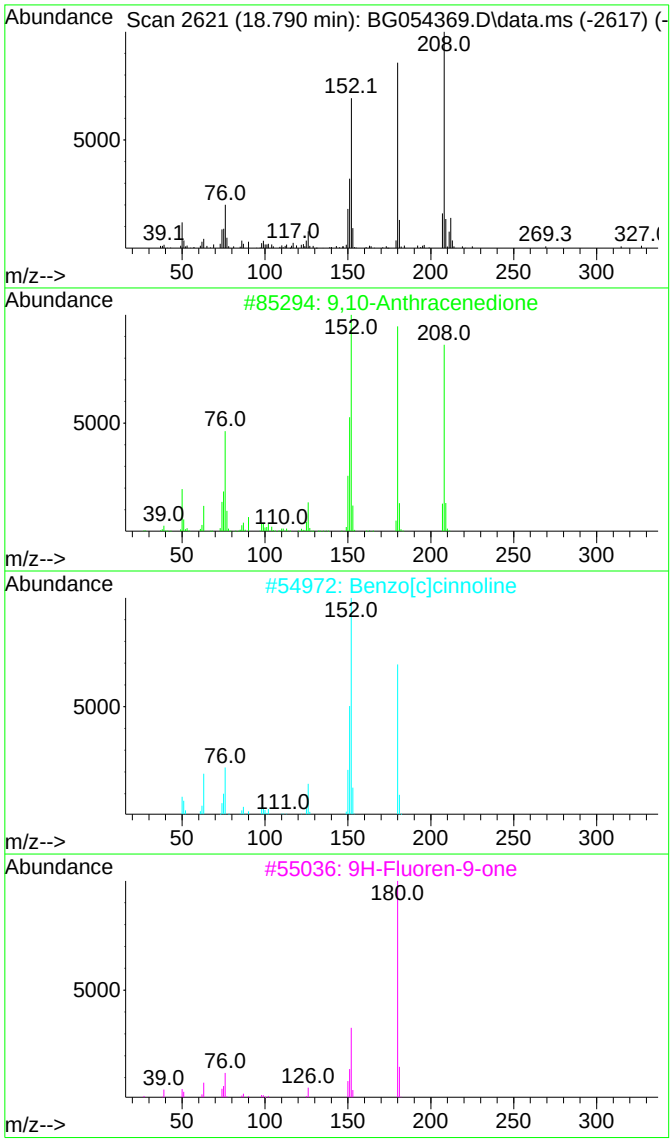
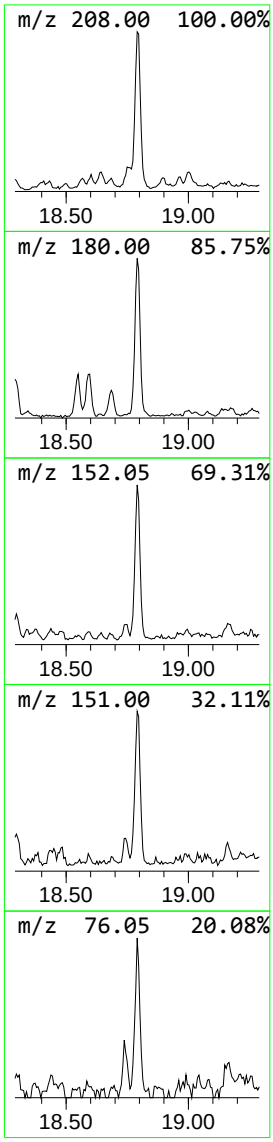
Peak Number 14 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.790	9.78 ng	176564	Phenanthrene-d10	17.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	60
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	53
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	49





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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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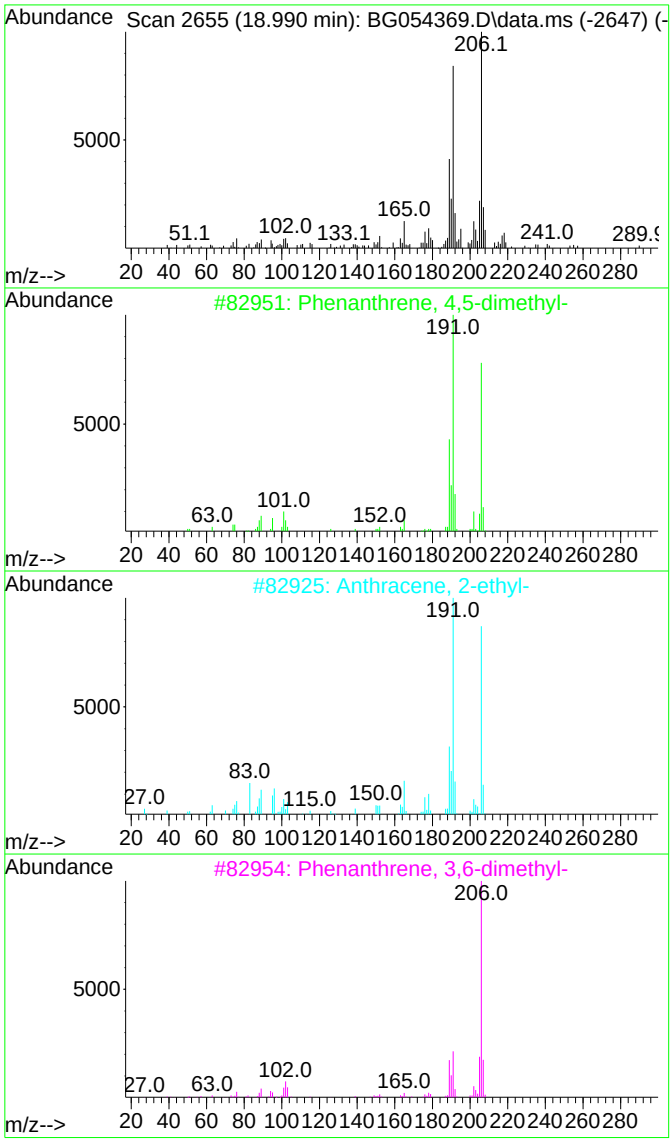
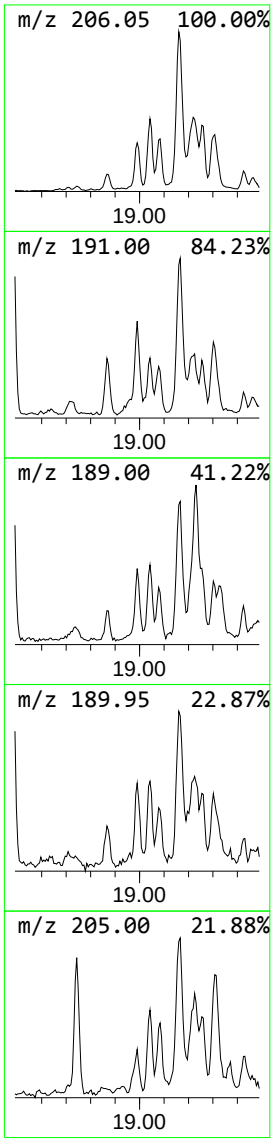
Peak Number 15 Phenanthrene, 4,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.990	7.13 ng	128727	Phenanthrene-d10	17.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90
2	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	90
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	76





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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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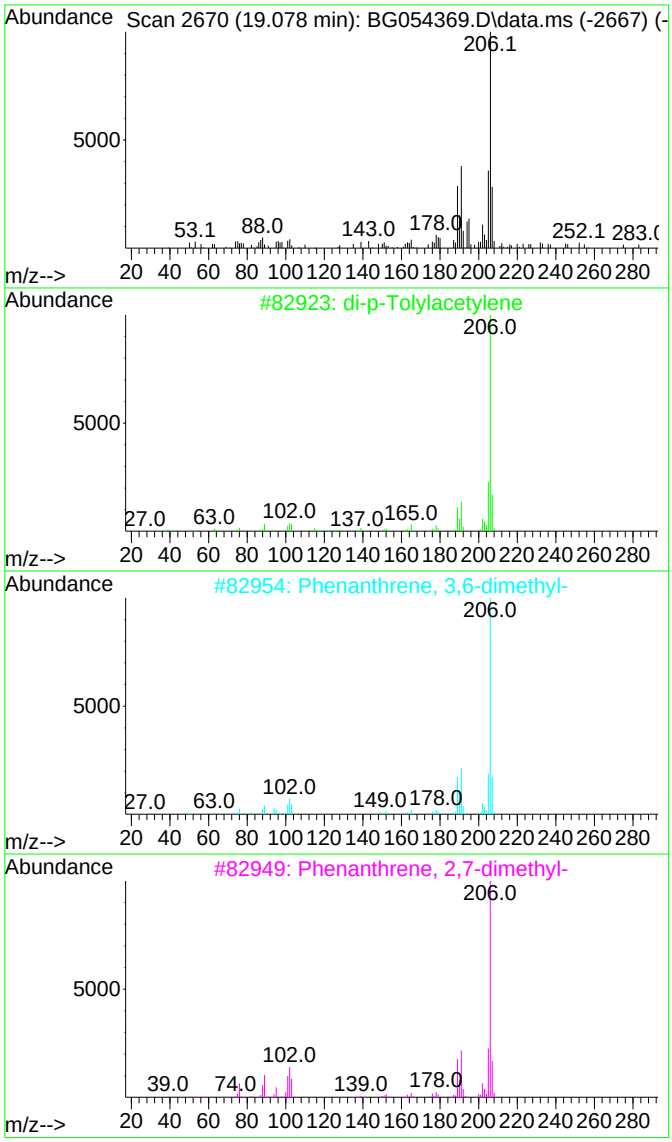
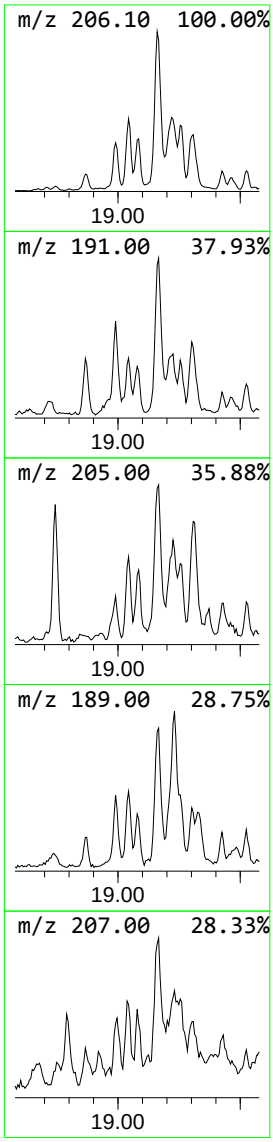
Peak Number 16 di-p-Tolylacetylene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.078	3.89 ng	70177	Phenanthrene-d10	17.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	74
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	72
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	62





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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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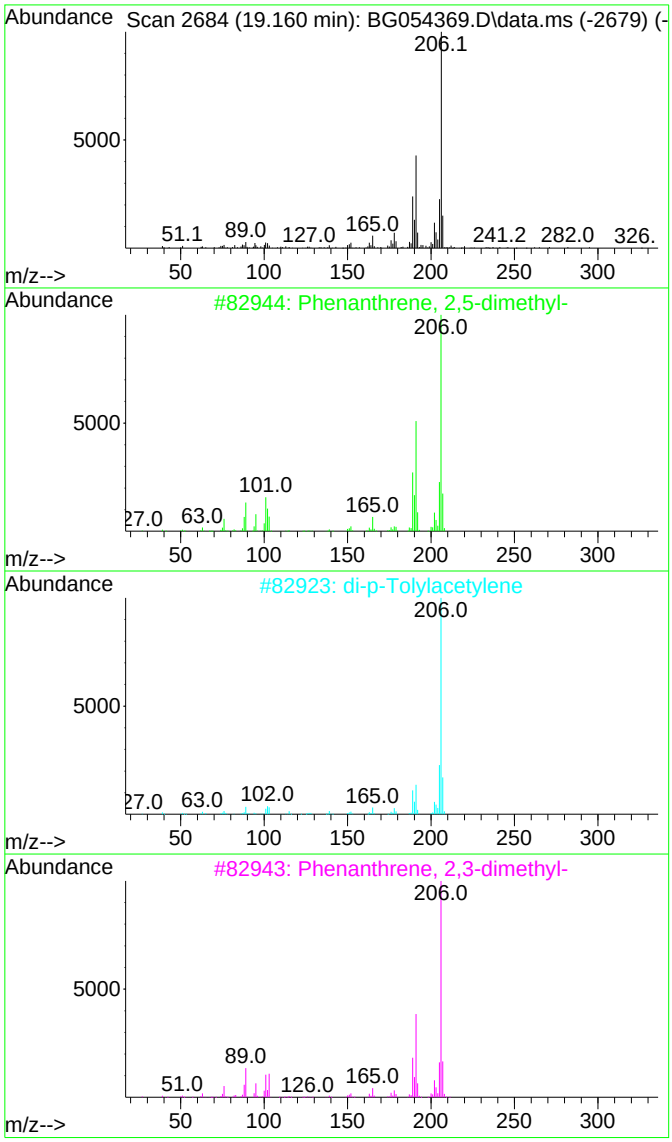
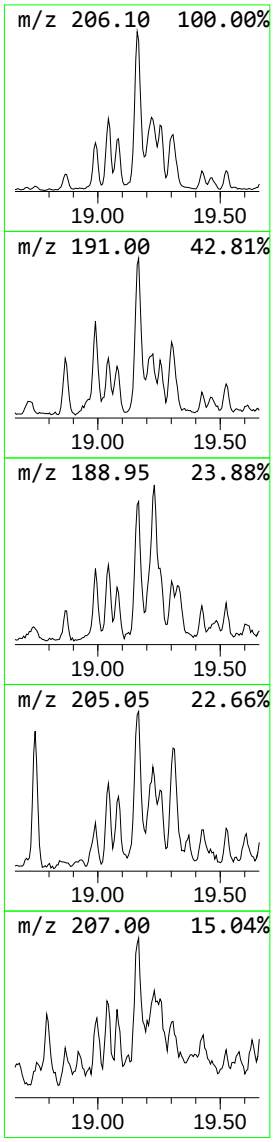
Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.160	16.45 ng	296862	Phenanthrene-d10	17.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	81





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Data File : BG054369.D
Acq On : 22 Jul 2022 21:28
Operator : CG/JU
Sample : N3814-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-DE-2(0-5)

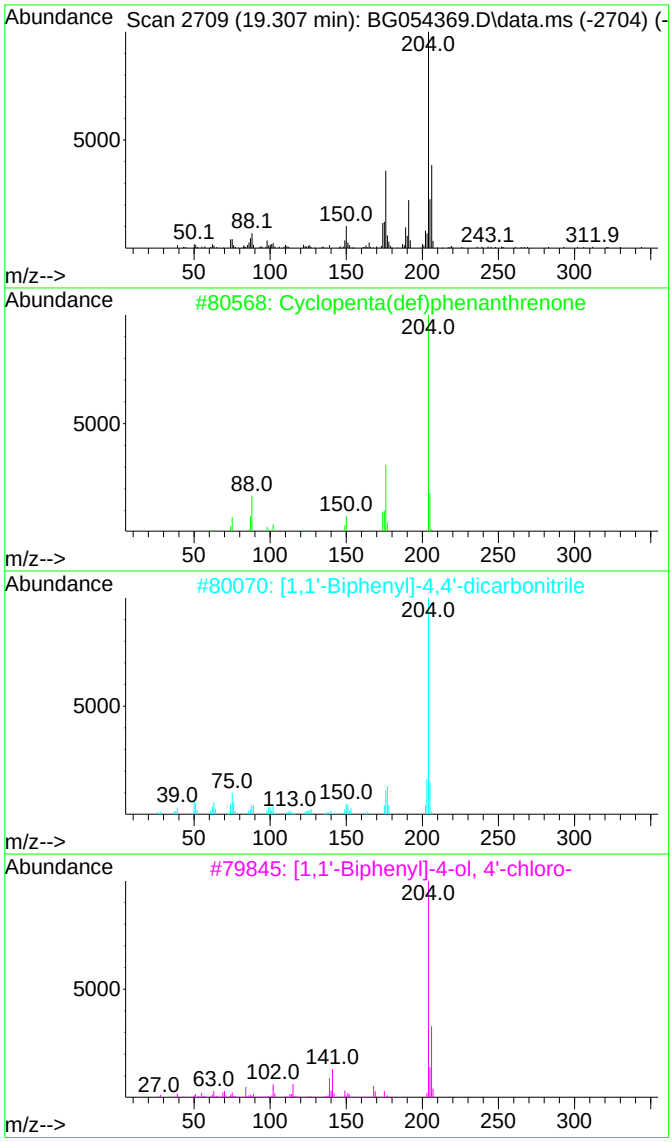
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

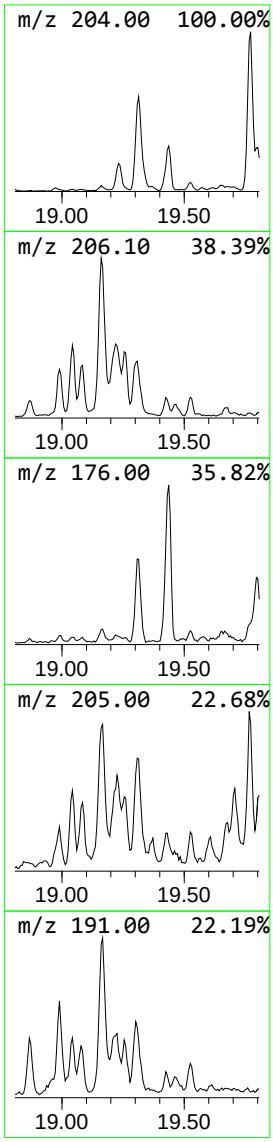
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.307	13.01 ng	234885	Phenanthrene-d10	17.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	83
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43
3	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
4	L-Rhamnose, (R,R,S,S)-, 4TMS der...	452	C18H44O5Si4	108392-01-4	43
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072222\
Data File : BG054369.D
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Sample : N3814-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-DE-2(0-5)

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

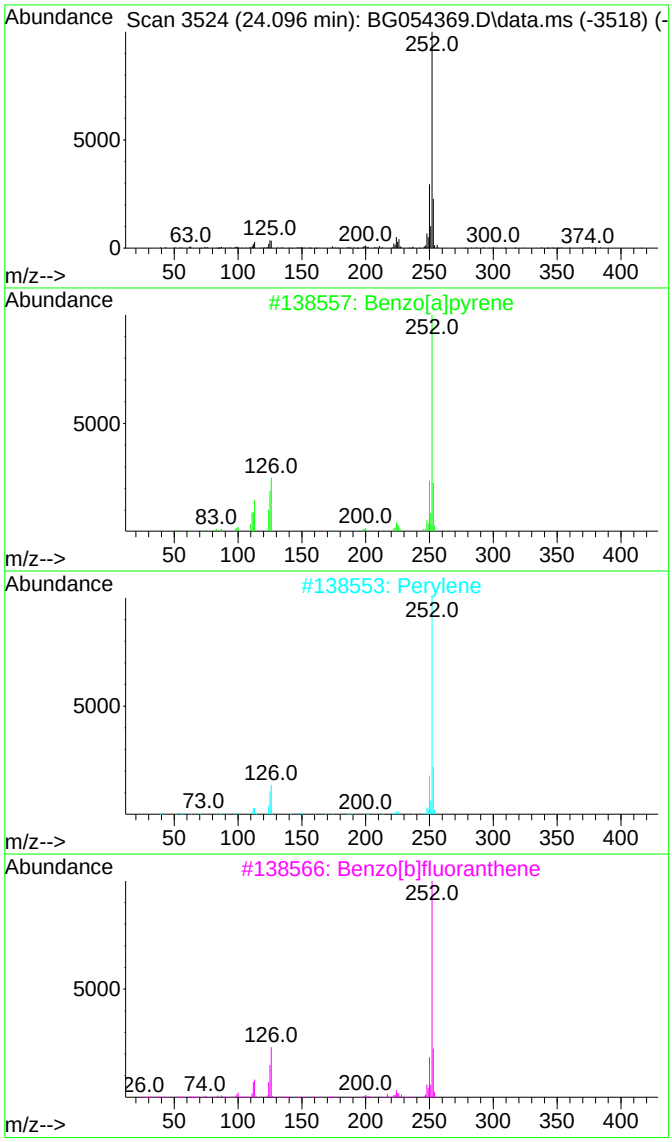
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

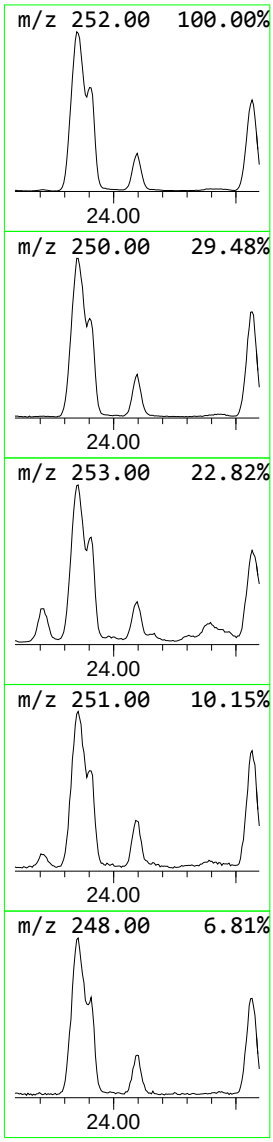
****

Peak Number 19 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.096	27.74 ng	363341	Perylene-d12	24.854

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	90
2	Perylene	252	C20H12	000198-55-0	81
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072222\
Data File : BG054369.D
Acq On : 22 Jul 2022 21:28
Operator : CG/JU
Sample : N3814-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-DE-2(0-5)

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

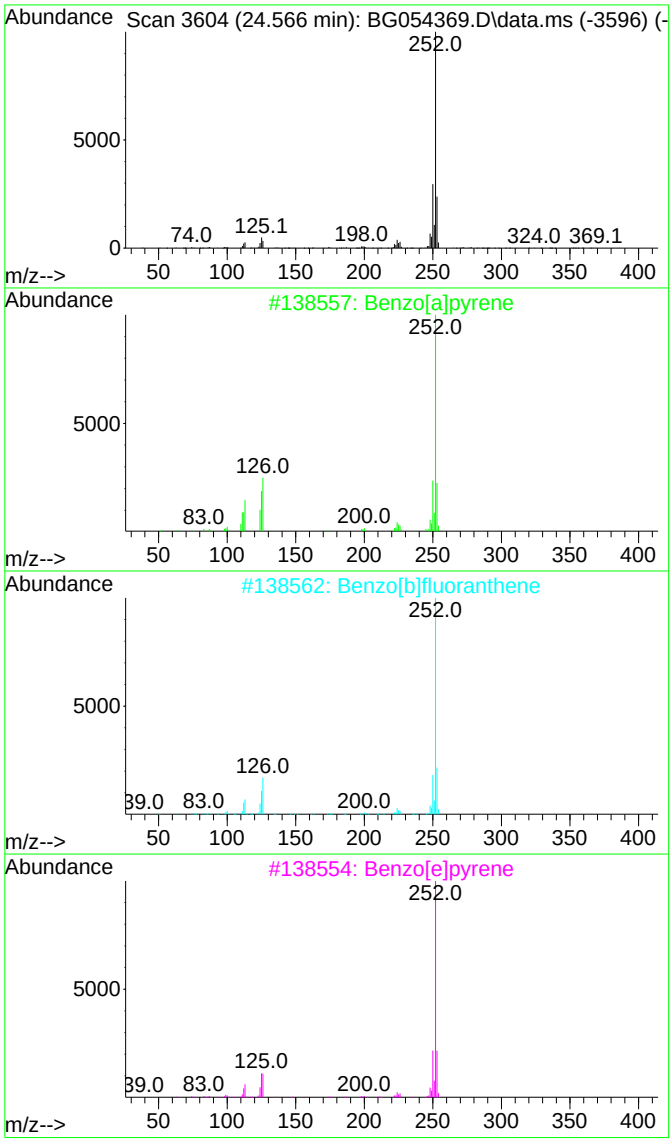
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

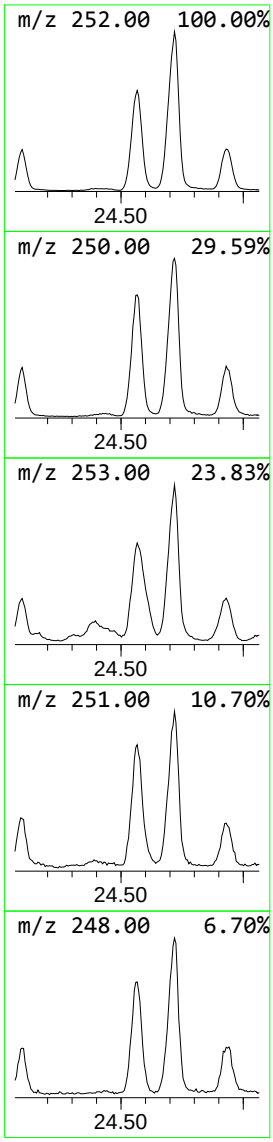
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.566	105.86 ng	1386500	Perylene-d12	24.854

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	93
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
3	Benzo[e]pyrene	252	C20H12	000192-97-2	91
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072222\
Data File : BG054369.D
Acq On : 22 Jul 2022 21:28
Operator : CG/JU
Sample : N3814-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-DE-2(0-5)

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
Dibenzofuran, 4...	15.964	3.9	ng	57855	3	14.624	294604	20.0
9H-Fluorene, 4-...	16.681	4.8	ng	86929	4	17.374	361005	20.0
Naphtho[2,1-b]f...	16.904	3.9	ng	69996	4	17.374	361005	20.0
9H-Fluoren-9-one	17.028	5.8	ng	104652	4	17.374	361005	20.0
3'-Methyl-[1,1'...	17.116	5.0	ng	90576	4	17.374	361005	20.0
Dibenzothiophene	17.192	5.7	ng	102910	4	17.374	361005	20.0
1-Methyldibenzo...	17.956	4.8	ng	85781	4	17.374	361005	20.0
Phenanthrene, 1...	18.250	20.8	ng	375011	4	17.374	361005	20.0
Phenanthrene, 2...	18.297	23.6	ng	425397	4	17.374	361005	20.0
Anthracene, 9-m...	18.379	9.9	ng	178793	4	17.374	361005	20.0
Benzaldehyde, 3...	18.444	32.3	ng	583366	4	17.374	361005	20.0
Phenanthrene, 4...	18.479	10.9	ng	195757	4	17.374	361005	20.0
Naphthalene, 2-...	18.743	12.3	ng	222691	4	17.374	361005	20.0
9,10-Anthracene...	18.790	9.8	ng	176564	4	17.374	361005	20.0
Phenanthrene, 4...	18.990	7.1	ng	128727	4	17.374	361005	20.0
di-p-Tolylacety...	19.078	3.9	ng	70177	4	17.374	361005	20.0
Phenanthrene, 2...	19.160	16.4	ng	296862	4	17.374	361005	20.0
Cyclopenta(def)...	19.307	13.0	ng	234885	4	17.374	361005	20.0
Perylene	24.096	27.7	ng	363341	6	24.854	261940	20.0
Benzo[e]pyrene	24.566	105.9	ng	1386500	6	24.854	261940	20.0