LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072722\
Data File : BG054424.D
Acq On : 27 Jul 2022 20:35
Operator : CG/JU
Sample : N3918-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-07-26-2022

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: BG054424.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.994	845	852	860	rBB	68897	122757	1.55%	0.185%
2	10.802	1319	1330	1333	rBV	89093	172793	2.19%	0.260%
3	10.855	1333	1339	1347	rVB	618472	1133296	14.35%	1.705%
4	12.459	1603	1612	1619	rBV	292557	505799	6.40%	0.761%
5	12.677	1637	1649	1657	rVB	184762	325171	4.12%	0.489%
6	13.458	1776	1782	1789	rVB	73404	121634	1.54%	0.183%
7	13.658	1811	1816	1827	rVB	45415	91316	1.16%	0.137%
8	13.793	1828	1839	1849	rBV3	83205	222291	2.81%	0.335%
9	13.952	1857	1866	1871	rBV	130691	252046	3.19%	0.379%
10	14.005	1871	1875	1884	rVB	86704	138631	1.75%	0.209%
11	14.187	1901	1906	1910	rBV	55593	88347	1.12%	0.133%
12	14.351	1924	1934	1949	rBV	87907	186387	2.36%	0.280%
13	14.627	1977	1981	1986	rVV	154415	252516	3.20%	0.380%
14	14.692	1986	1992	1999	rVV	613413	1012288	12.82%	1.523%
15	15.027	2042	2049	2057	rVV	534035	882821	11.18%	1.329%
16	15.097	2057	2061	2068	rVB	50682	80191	1.02%	0.121%
17	15.244	2077	2086	2091	rBV2	48775	95811	1.21%	0.144%
18	15.679	2153	2160	2170	rVB	848169	1416782	17.94%	2.132%
19	15.838	2183	2187	2191	rVB2	97918	147290	1.86%	0.222%
20	15.967	2205	2209	2217	rVB	155559	254028	3.22%	0.382%
21	16.114	2217	2234	2242	rBV	197256	471922	5.97%	0.710%
22	16.349	2265	2274	2285	rVB5	49201	110595	1.40%	0.166%
23	16.678	2319	2330	2335	rBV2	140061	315793	4.00%	0.475%
24	16.731	2335	2339	2344	rVB2	59016	95102	1.20%	0.143%
25	16.831	2351	2356	2360	rVB3	60325	102844	1.30%	0.155%
26	16.907	2360	2369	2372	rBV4	74016	165564	2.10%	0.249%
27	17.030	2386	2390	2397	rVB3	63732	113157	1.43%	0.170%
28	17.107	2397	2403	2410	rVV	87462	183711	2.33%	0.276%
29	17.195	2410	2418	2428	rVB	297650	514214	6.51%	0.774%
30	17.383	2443	2450	2451	rBV	165017	250787	3.17%	0.377%
31	17.442	2451	2460	2464	rVV	3421474	6498170	82.26%	9.779%
32	17.518	2464	2473	2478	rVV	1277122	1989672	25.19%	2.994%
33	17.565	2478	2481	2486	rVB2	82344	138007	1.75%	0.208%
34	17.782	2507	2518	2528	rBV2	424547	884971	11.20%	1.332%
35	17.888	2532	2536	2540	rVV2	97114	149704	1.90%	0.225%
36	17.953	2543	2547	2555	rVB5	81652	160385	2.03%	0.241%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072722\
Data File : BG054424.D
Acq On : 27 Jul 2022 20:35
Operator : CG/JU
Sample : N3918-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-07-26-2022

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	18.100	2568	2572	2581	rVB	49042	103508	1.31%	0.156%
38	18.252	2588	2598	2602	rBV	438193	745008	9.43%	1.121%
39	18.305	2602	2607	2613	rVB	613438	945460	11.97%	1.423%
40	18.382	2613	2620	2625	rBV	263026	450066	5.70%	0.677%
41	18.452	2625	2632	2636	rBV3	799282	1526486	19.32%	2.297%
42	18.552	2644	2649	2653	rBV3	59404	90286	1.14%	0.136%
43	18.746	2677	2682	2687	rBV	364826	514496	6.51%	0.774%
44	18.799	2687	2691	2699	rVB	155754	235041	2.98%	0.354%
45	18.993	2720	2724	2729	rVB2	88031	120223	1.52%	0.181%
46	19.046	2729	2733	2736	rBV	91951	123014	1.56%	0.185%
47	19.081	2736	2739	2744	rVB2	88078	118434	1.50%	0.178%
48	19.169	2748	2754	2759	rBV	223164	446914	5.66%	0.673%
49	19.234	2762	2765	2768	rVB2	63794	82617	1.05%	0.124%
50	19.322	2774	2780	2787	rVB3	171997	336620	4.26%	0.507%
51	19.457	2793	2803	2807	rBV	4179386	7774477	98.42%	11.700%
52	19.492	2807	2809	2812	rVV	76916	93321	1.18%	0.140%
53	19.533	2812	2816	2820	rVB	126781	183720	2.33%	0.276%
54	19.586	2821	2825	2828	rBV	79409	108501	1.37%	0.163%
55	19.674	2836	2840	2845	rVB	162430	231002	2.92%	0.348%
56	19.815	2851	2864	2869	rBV2	3477901	7899240	100.00%	11.887%
57	19.868	2869	2873	2879	rVB3	238760	394332	4.99%	0.593%
58	19.974	2886	2891	2896	rVB2	302975	473273	5.99%	0.712%
59	20.039	2897	2902	2908	rVB	256253	419483	5.31%	0.631%
60	20.127	2909	2917	2921	rBV2	314496	835486	10.58%	1.257%
61	20.168	2921	2924	2928	rVV	98946	121125	1.53%	0.182%
62	20.256	2932	2939	2940	rBV3	210753	412558	5.22%	0.621%
63	20.291	2940	2945	2949	rVB	778131	1239619	15.69%	1.865%
64	20.385	2956	2961	2965	rBV	730975	1091522	13.82%	1.643%
65	20.444	2965	2971	2975	rVV2	321322	621590	7.87%	0.935%
66	20.520	2981	2984	2988	rVB2	87685	121423	1.54%	0.183%
67	20.585	2991	2995	2998	rVV	222397	309047	3.91%	0.465%
68	20.632	2999	3003	3013	rVB3	244996	437209	5.53%	0.658%
69	21.049	3070	3074	3081	rVB	257603	409815	5.19%	0.617%
70	21.231	3100	3105	3108	rBV2	319950	548830	6.95%	0.826%
71	21.267	3108	3111	3116	rVB	339358	502658	6.36%	0.756%
72	21.325	3116	3121	3126	rBV2	361835	655607	8.30%	0.987%
73	21.643	3167	3175	3180	rBV2	1990201	4468972	56.57%	6.725%
74	21.707	3181	3186	3197	rVB	1850096	3508851	44.42%	5.280%
75	21.848	3206	3210	3217	rVB	407048	675993	8.56%	1.017%
76	22.054	3240	3245	3252	rBV2	254181	500881	6.34%	0.754%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072722\
Data File : BG054424.D
Acq On : 27 Jul 2022 20:35
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Sample : N3918-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-07-26-2022

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	22.371	3296	3299	3305	rVB	249749	441187	5.59%	0.664%
78	23.869	3543	3554	3559	rBV	904017	3181039	40.27%	4.787%
79	24.580	3669	3675	3689	rVB	393921	1259330	15.94%	1.895%
80	24.733	3692	3701	3714	rVB	659906	2046004	25.90%	3.079%

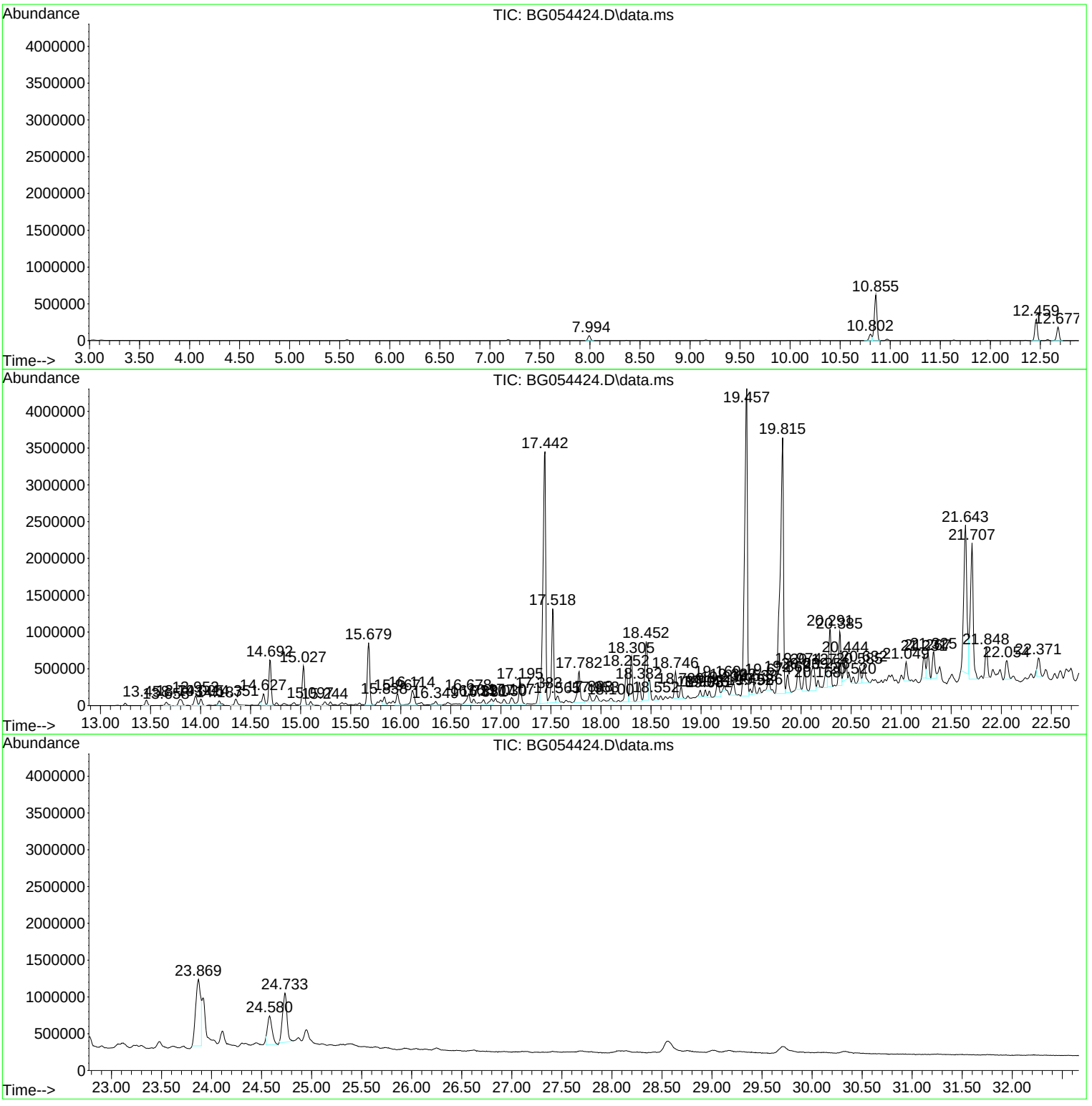
Sum of corrected areas: 66451061

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072722\
Data File : BG054424.D
Acq On : 27 Jul 2022 20:35
Operator : CG/JU
Sample : N3918-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-07-26-2022

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\BG072722\
Data File : BG054424.D
Acq On : 27 Jul 2022 20:35
Operator : CG/JU
Sample : N3918-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-07-26-2022

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

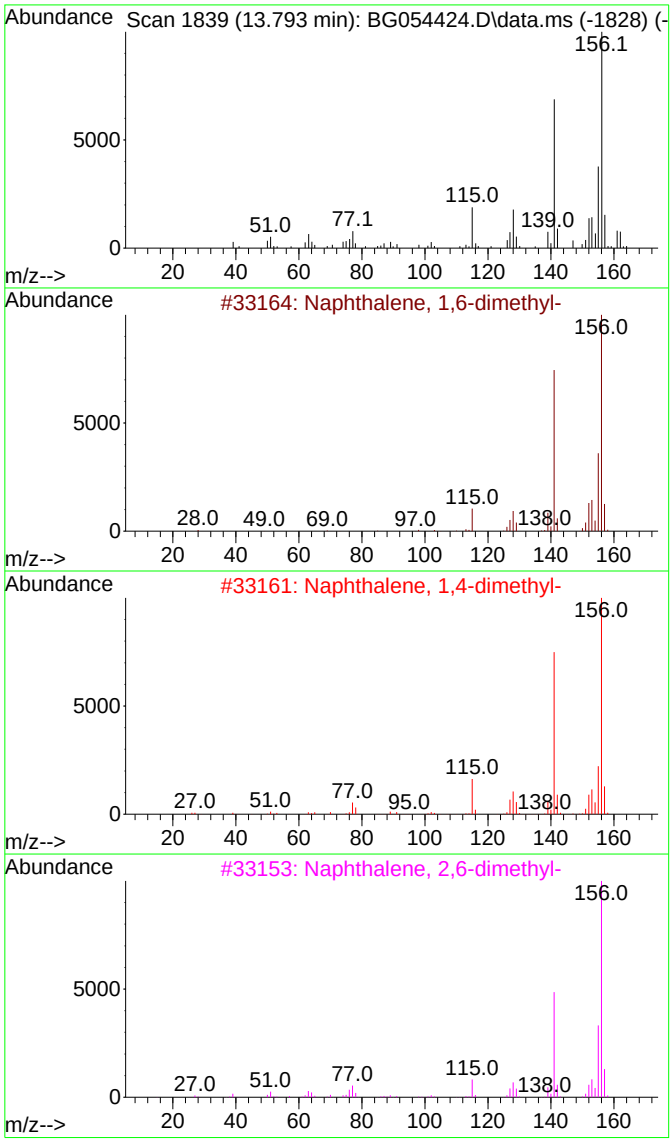
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

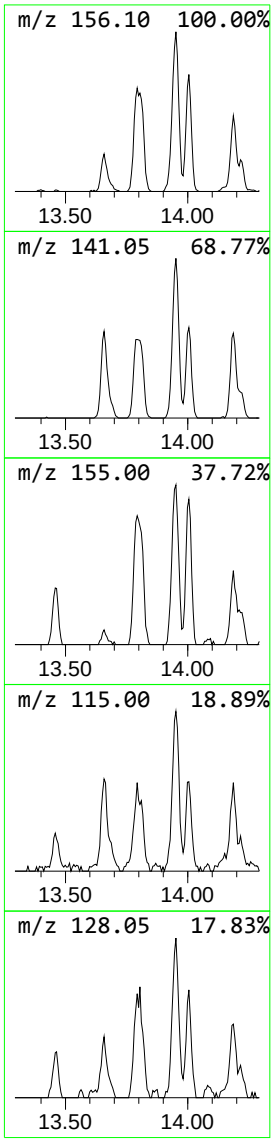
****

Peak Number 1 Naphthalene, 1,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.793	17.61 ng	222291	Acenaphthene-d10	14.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072722\
Data File : BG054424.D
Acq On : 27 Jul 2022 20:35
Operator : CG/JU
Sample : N3918-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-07-26-2022

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

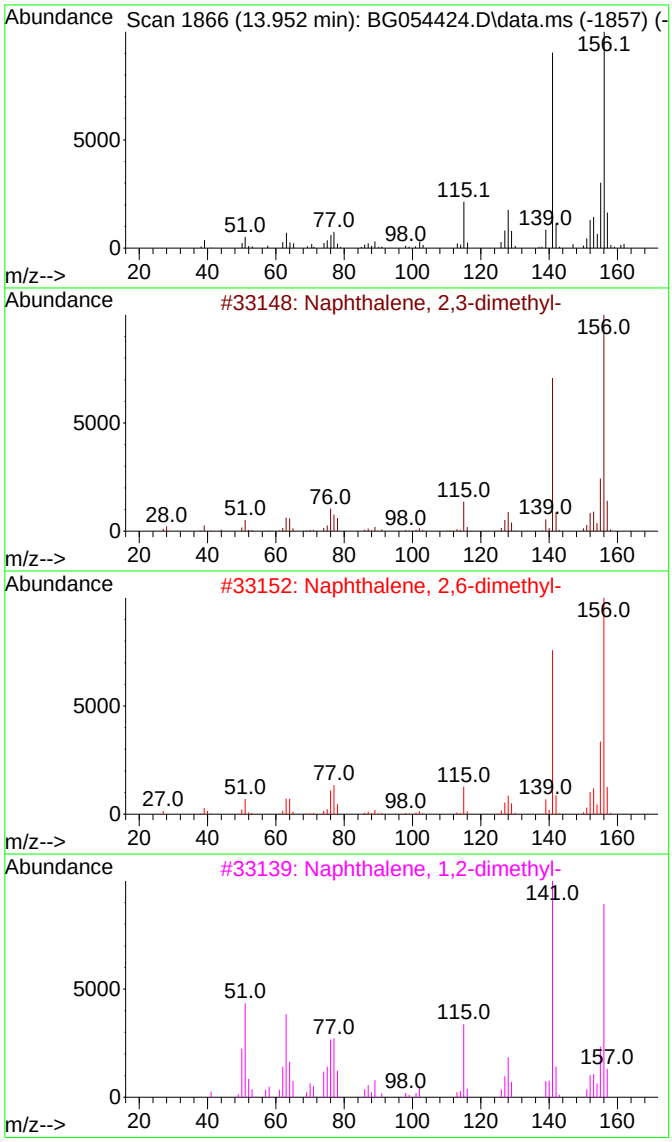
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

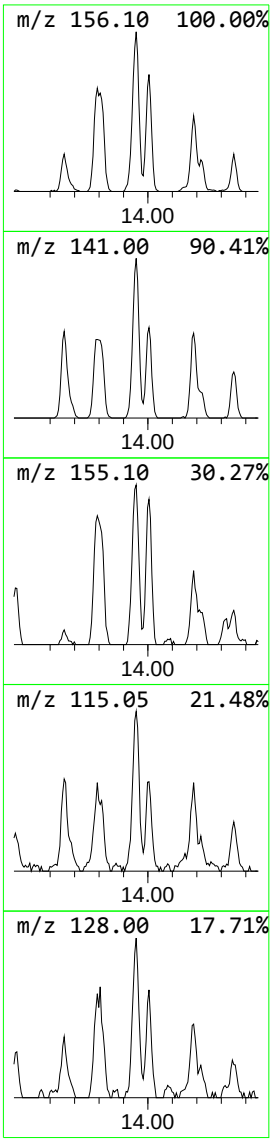
****

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.952	19.96 ng	252046	Acenaphthene-d10	14.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072722\
Data File : BG054424.D
Acq On : 27 Jul 2022 20:35
Operator : CG/JU
Sample : N3918-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-07-26-2022

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

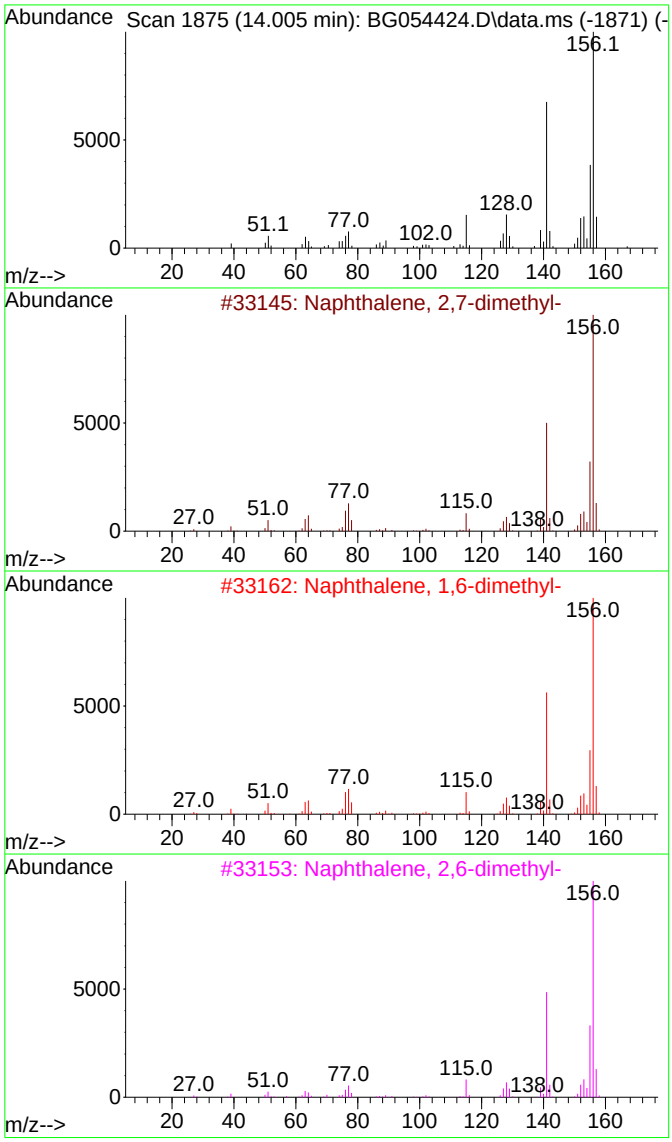
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

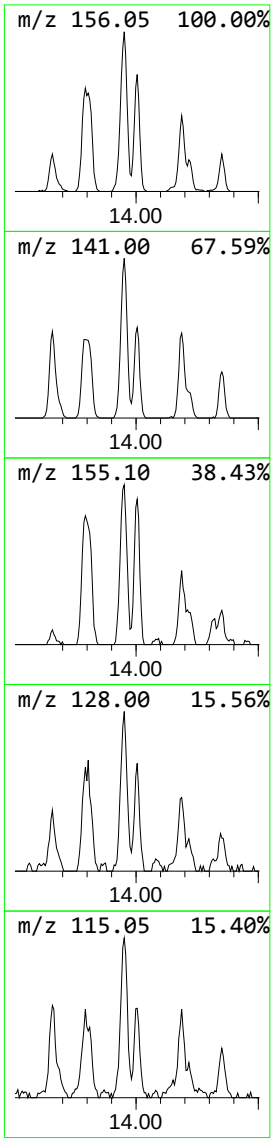
****

Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.005	10.98 ng	138631	Acenaphthene-d10	14.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072722\
Data File : BG054424.D
Acq On : 27 Jul 2022 20:35
Operator : CG/JU
Sample : N3918-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-07-26-2022

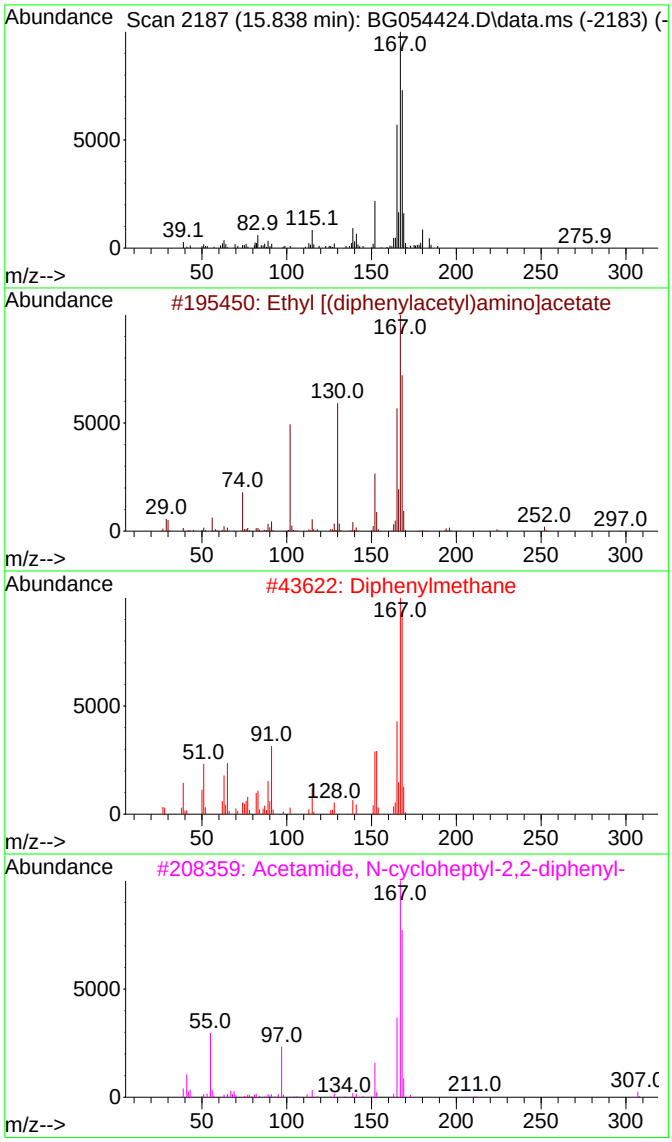
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

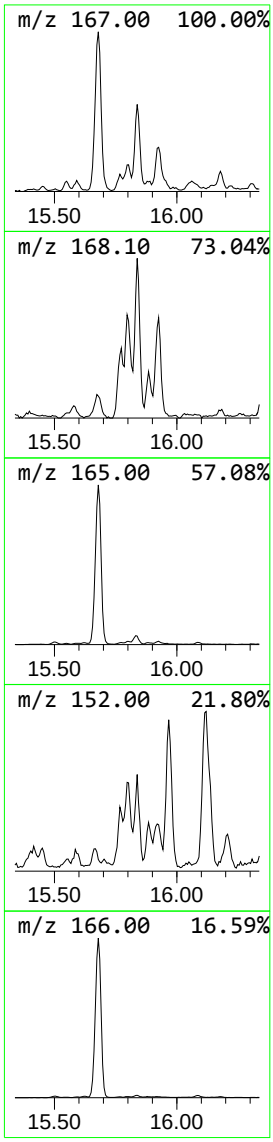
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Ethyl [(diphenylacetyl)amin... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.838	11.67 ng	147290	Acenaphthene-d10	14.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl [(diphenylacetyl)amino]ace...	297	C18H19NO3	006325-31-1	72
2	Diphenylmethane	168	C13H12	000101-81-5	68
3	Acetamide, N-cycloheptyl-2,2-dip...	307	C21H25NO	351062-01-6	59
4	2,2-Diphenylethanol	198	C14H14O	001883-32-5	59
5	Diphenylmethoxy acetic acid	242	C15H14O3	021409-25-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072722\
Data File : BG054424.D
Acq On : 27 Jul 2022 20:35
Operator : CG/JU
Sample : N3918-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-07-26-2022

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

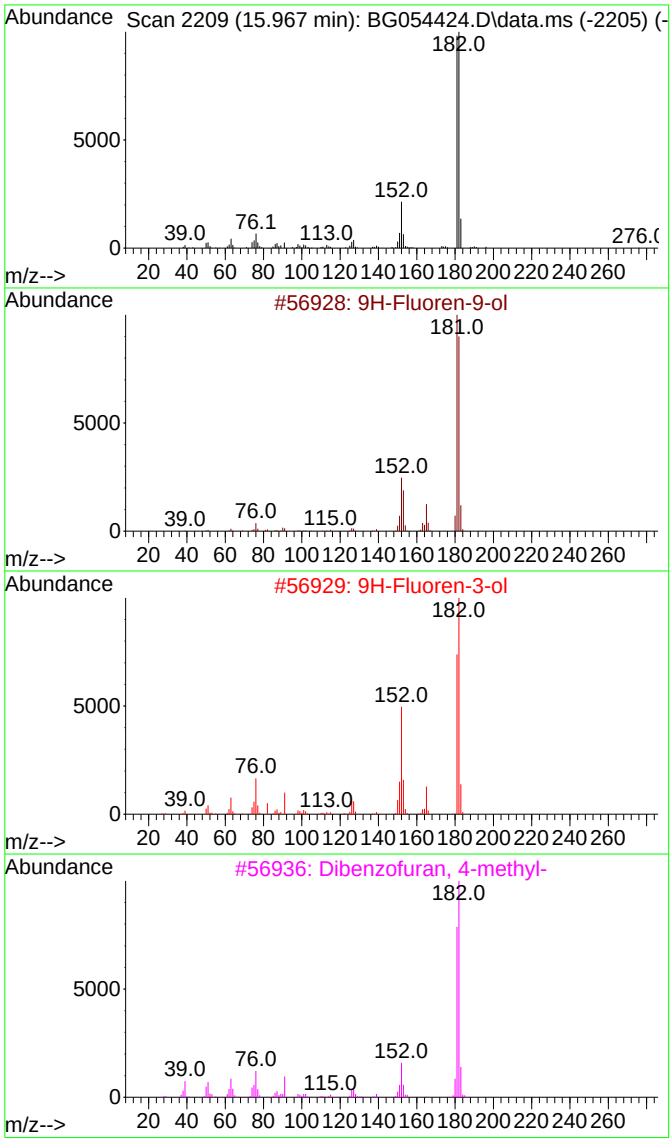
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

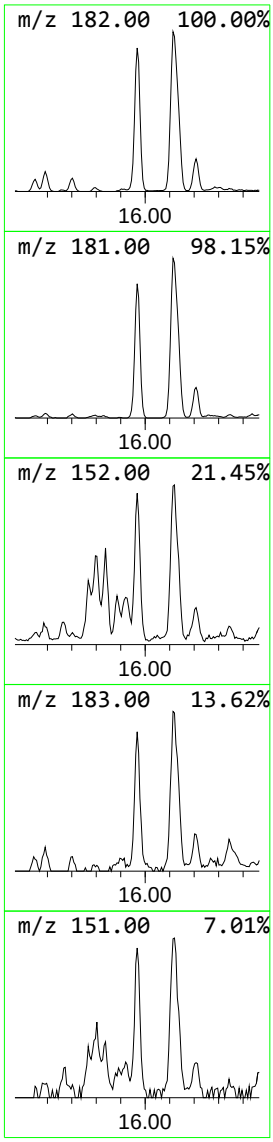
****

Peak Number 5 9H-Fluoren-9-ol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.967	20.12 ng	254028	Acenaphthene-d10	14.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	90
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	86
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072722\
Data File : BG054424.D
Acq On : 27 Jul 2022 20:35
Operator : CG/JU
Sample : N3918-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-07-26-2022

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

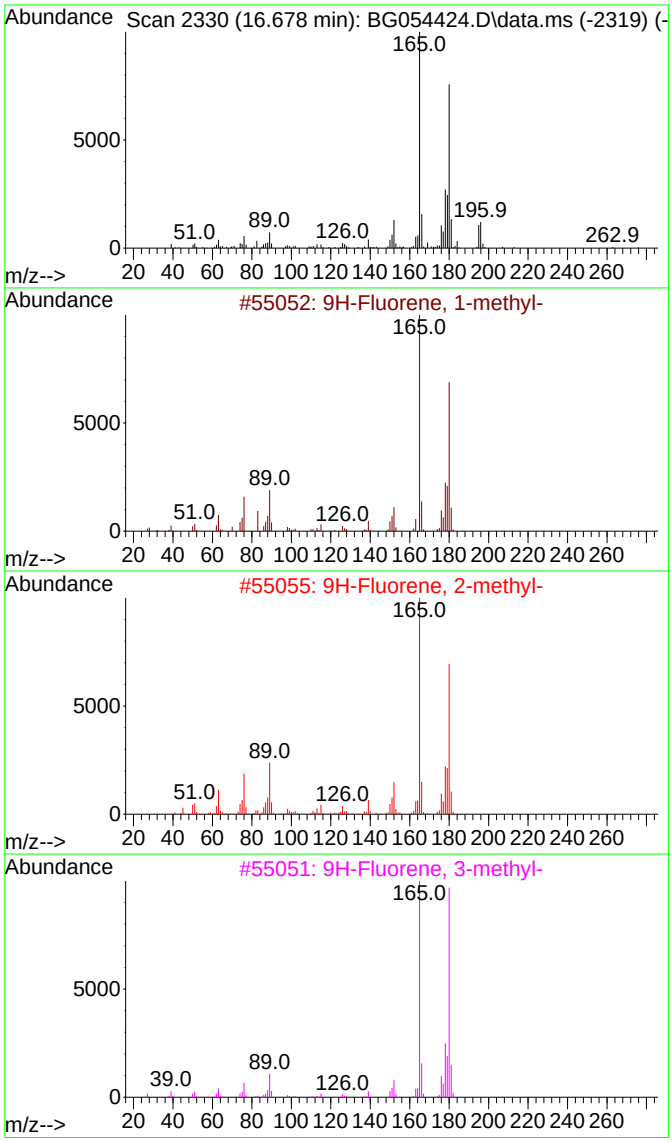
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

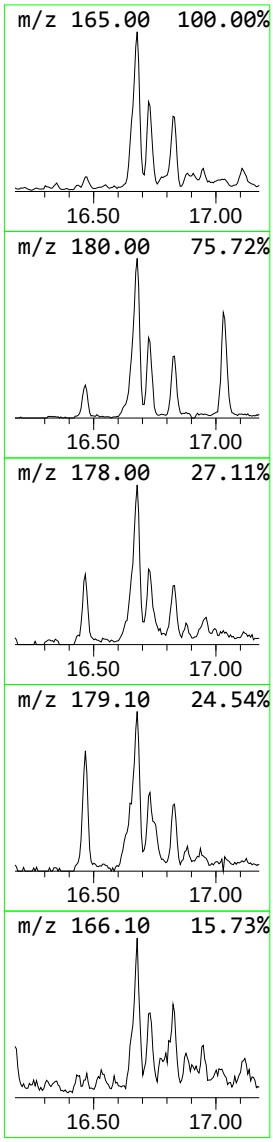
****

Peak Number 6 9H-Fluorene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.678	25.18 ng	315793	Phenanthrene-d10	17.383

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	89
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	76
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	68





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Acq On : 27 Jul 2022 20:35
Operator : CG/JU
Sample : N3918-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-07-26-2022

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

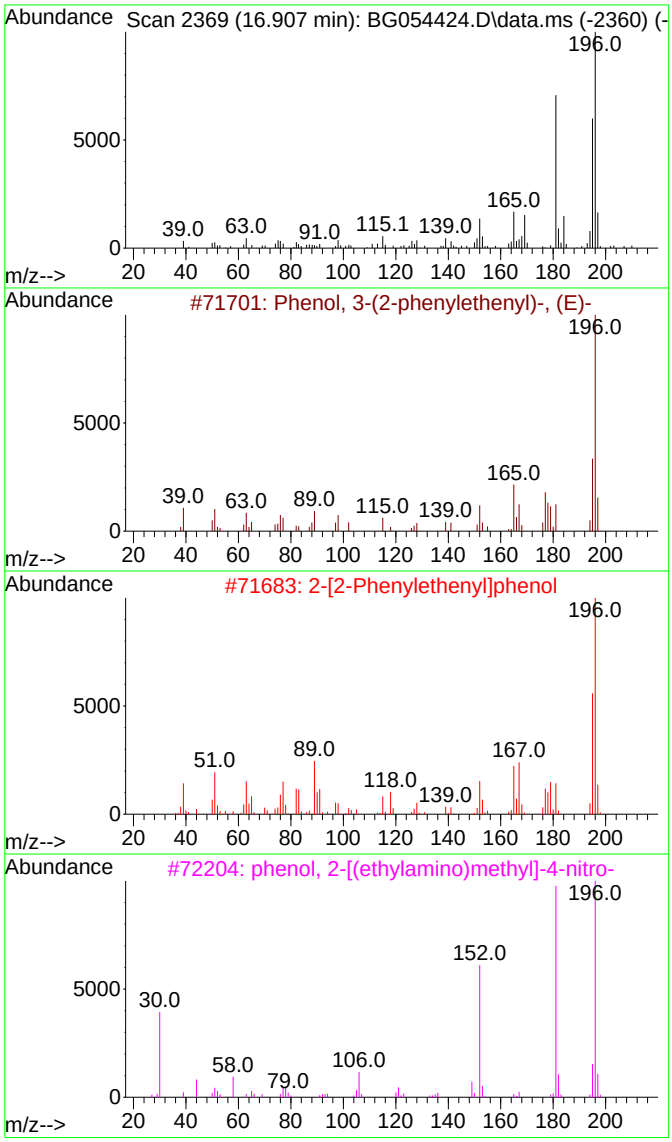
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

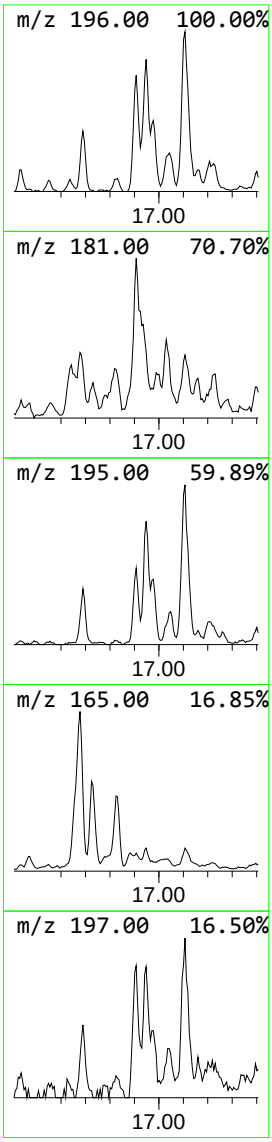
****

Peak Number 7 Phenol, 3-(2-phenylethenyl)... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.907	13.20 ng	165564	Phenanthrene-d10	17.383

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	64
2	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	58
3	phenol, 2-[(ethylamino)methyl]-4...	196	C9H12N2O3	1000400-09-7	52
4	Benzene, 1-methyl-2-[(3-methylph...	196	C15H16	021895-13-6	50
5	Benzaldehyde, 3,4,5-trimethoxy-	196	C10H12O4	000086-81-7	50





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Acq On : 27 Jul 2022 20:35
Operator : CG/JU
Sample : N3918-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-07-26-2022

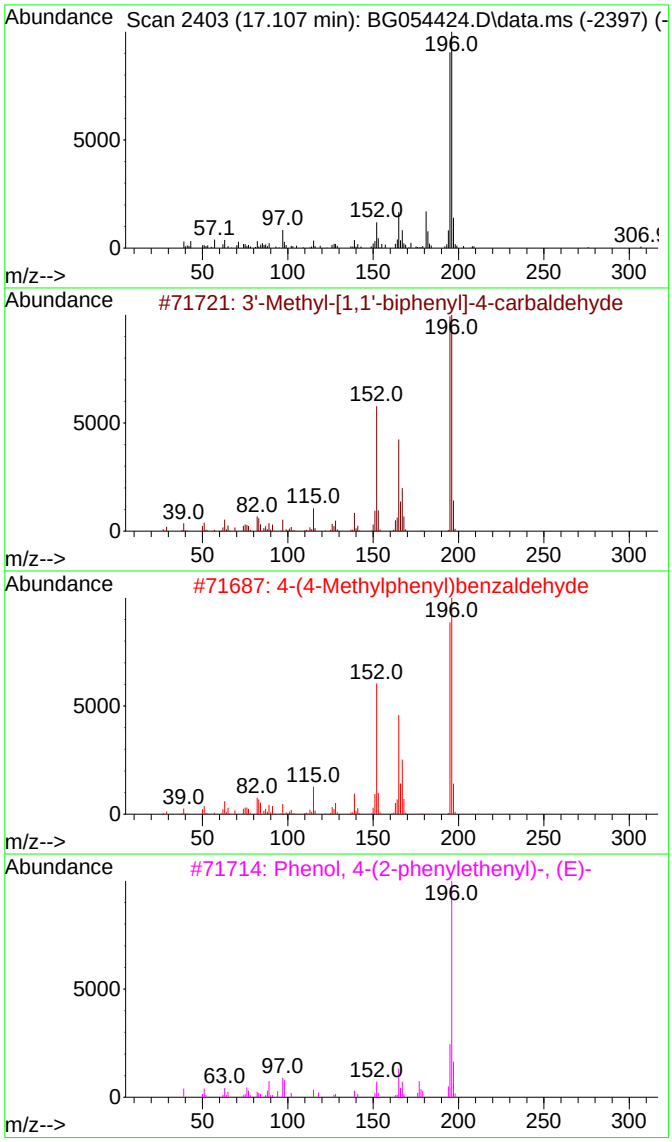
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

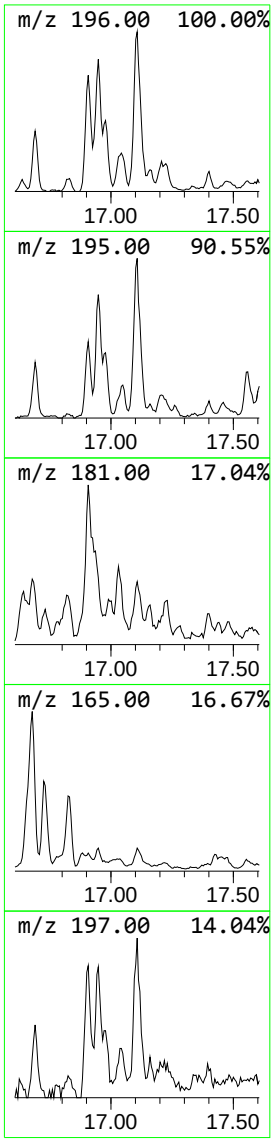
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 3'-Methyl-[1,1'-biphenyl]-4... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.107	14.65 ng	183711	Phenanthrene-d10	17.383

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	90
2	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	90
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	60
4	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	58
5	7-Methoxy-piperonylicacid	196	C9H8O5	000526-34-1	50





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Operator : CG/JU
Sample : N3918-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-07-26-2022

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

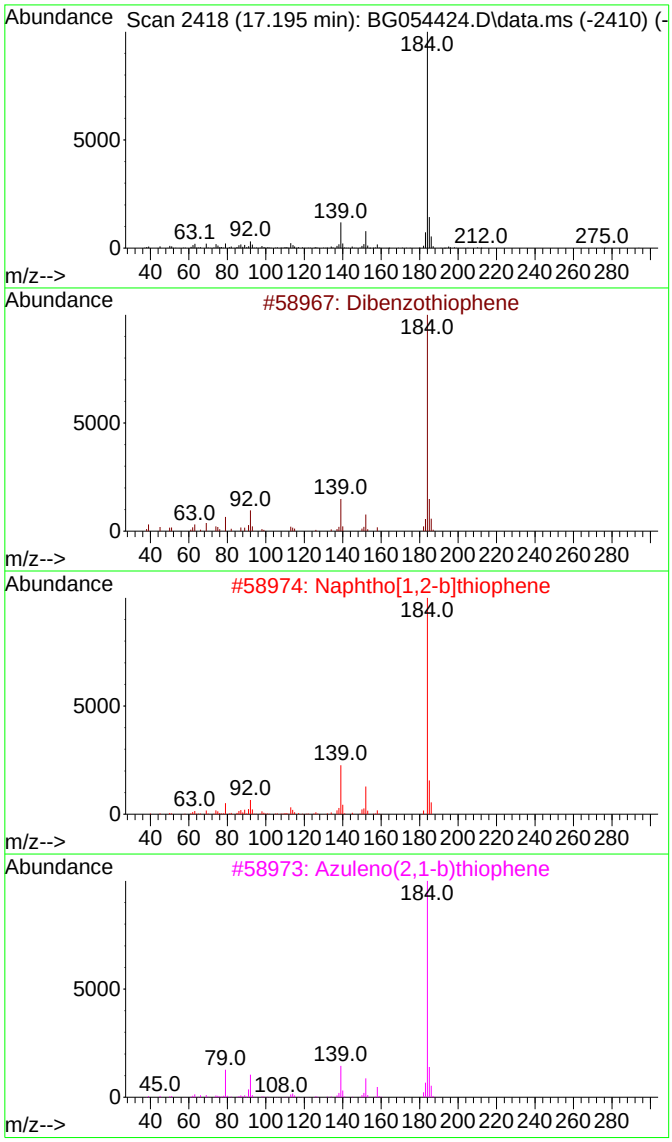
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

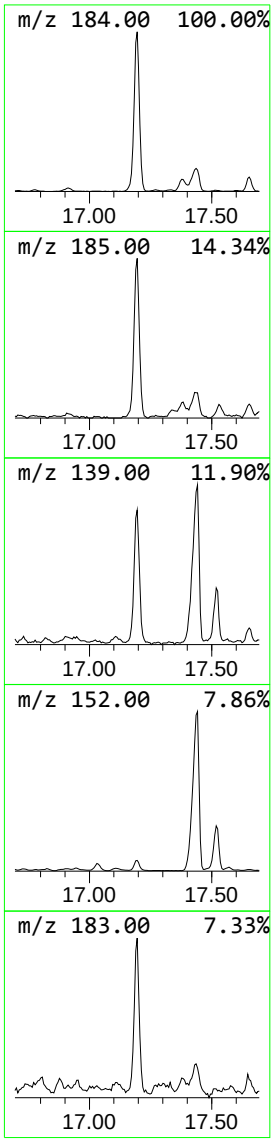
****

Peak Number 9 Dibenzothiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.195	41.01 ng	514214	Phenanthrene-d10	17.383

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	90
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90





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Acq On : 27 Jul 2022 20:35
Operator : CG/JU
Sample : N3918-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-07-26-2022

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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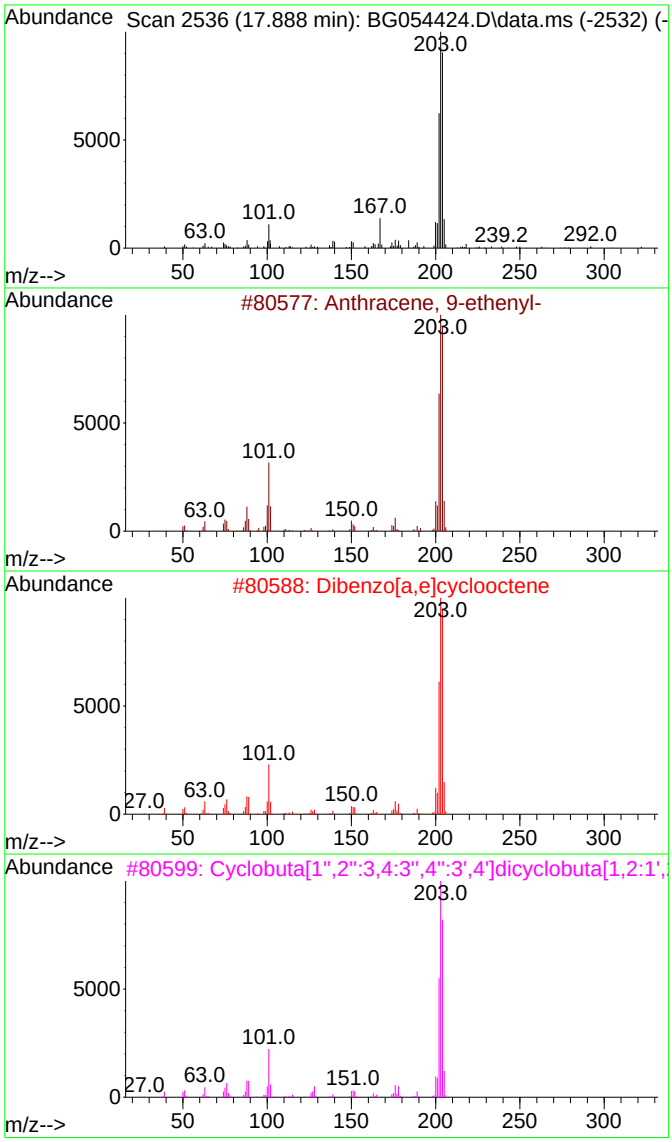
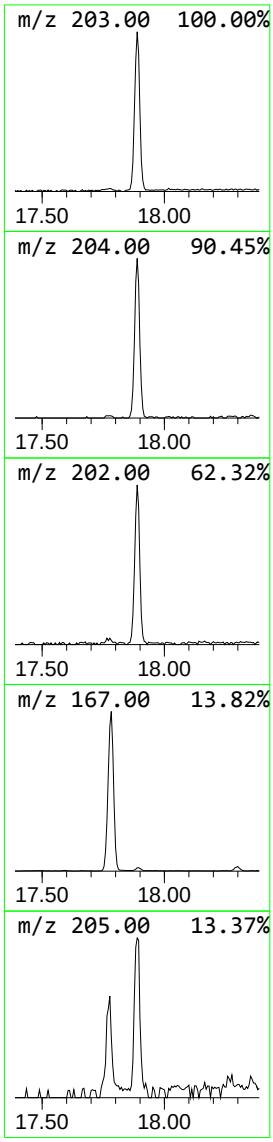
Peak Number 10 Anthracene, 9-ethenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.888	11.94 ng	149704	Phenanthrene-d10	17.383

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89
2	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	76
3	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	70
4	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	62
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60





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Operator : CG/JU
Sample : N3918-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-02-07-26-2022

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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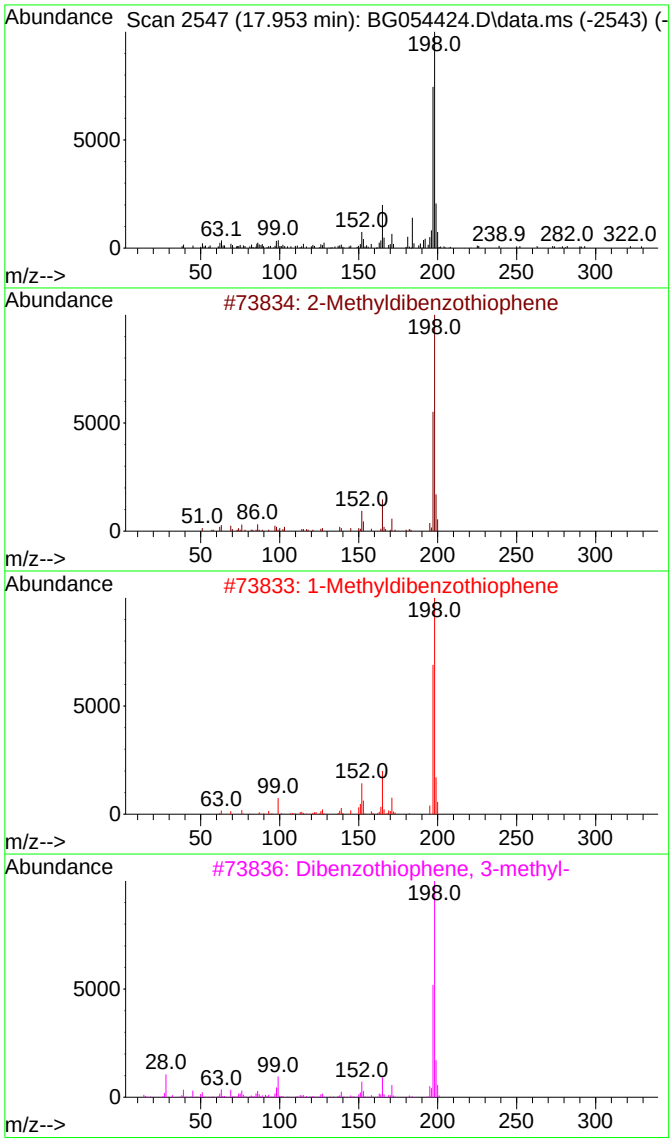
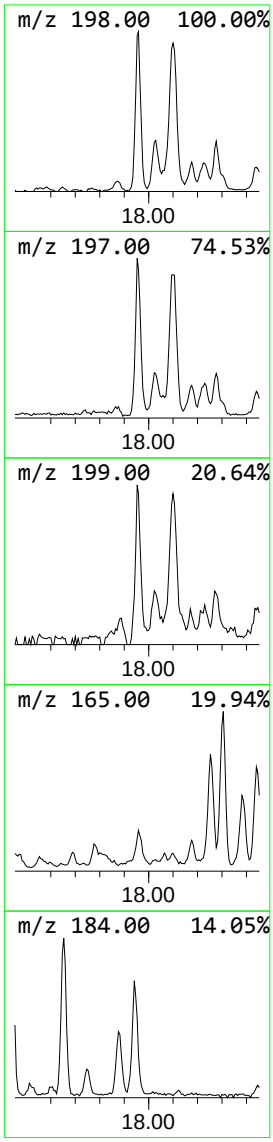
Peak Number 11 2-Methyldibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.953	12.79 ng	160385	Phenanthrene-d10	17.383

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	90
2	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	90
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	87
4	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	80
5	Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	72





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Sample : N3918-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-02-07-26-2022

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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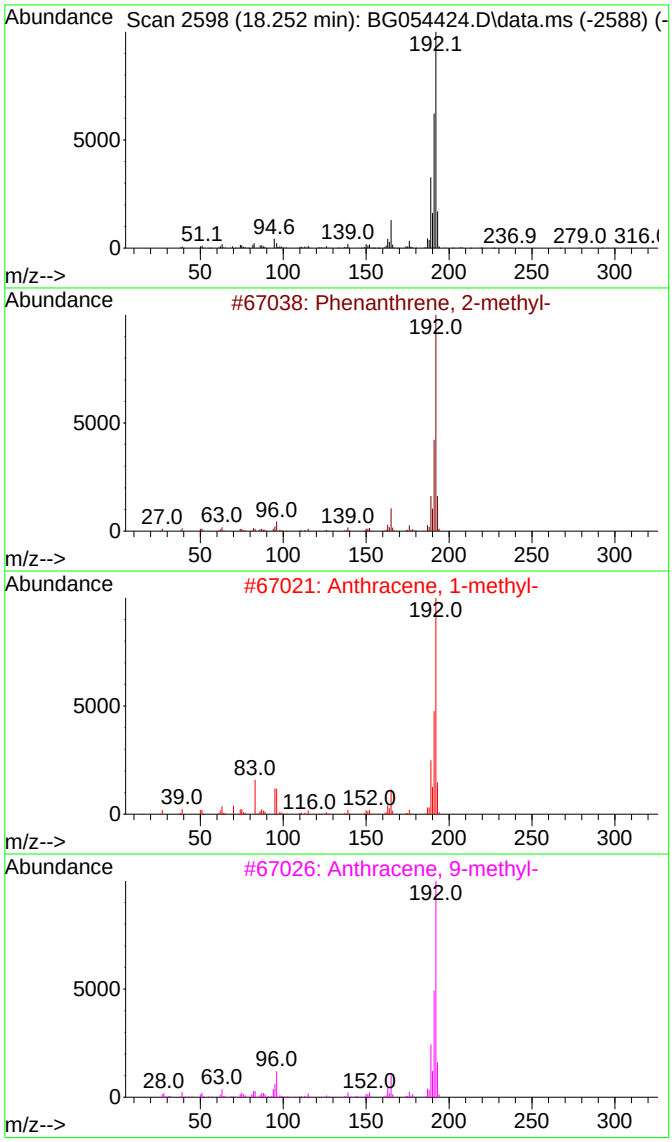
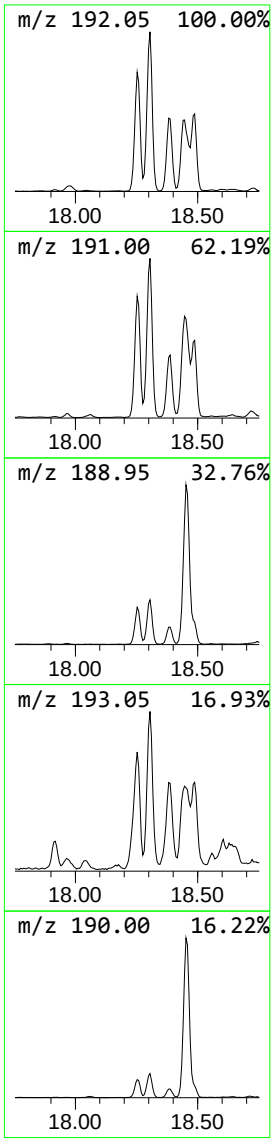
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.253	59.41 ng	745008	Phenanthrene-d10	17.383

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





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Operator : CG/JU
Sample : N3918-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-02-07-26-2022

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

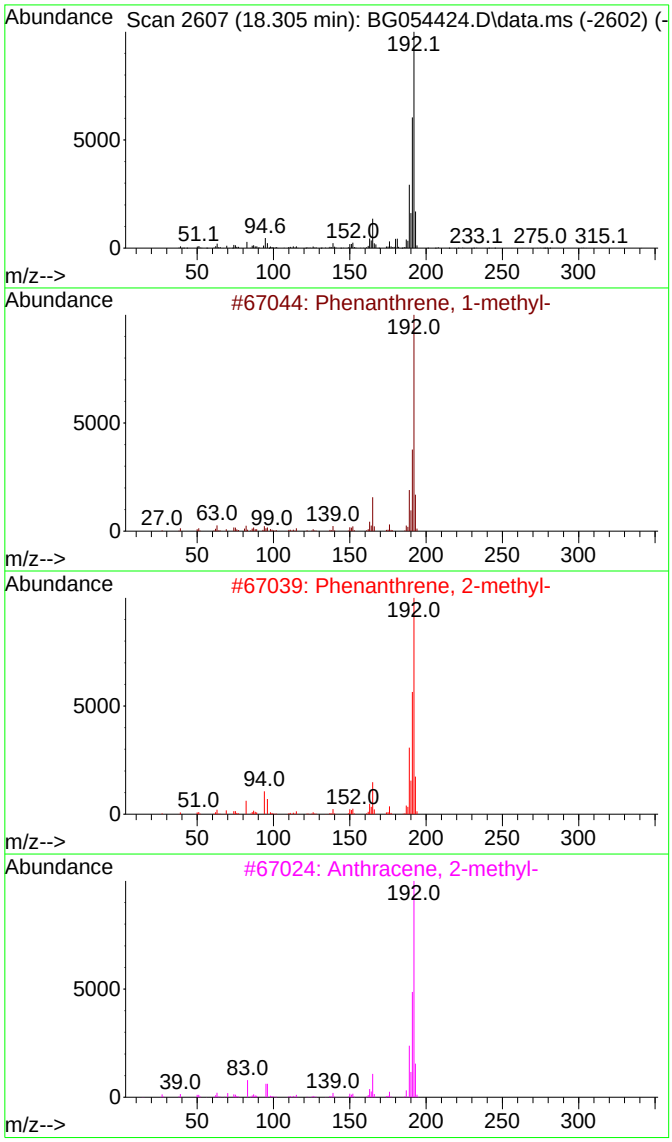
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

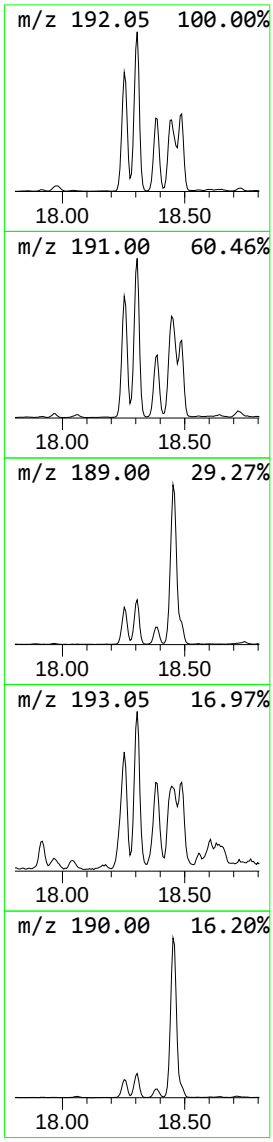
****

Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.305	75.40 ng	945460	Phenanthrene-d10	17.383

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, 2-methyl-	192	C15H12	000613-12-7	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Operator : CG/JU
Sample : N3918-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-02-07-26-2022

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

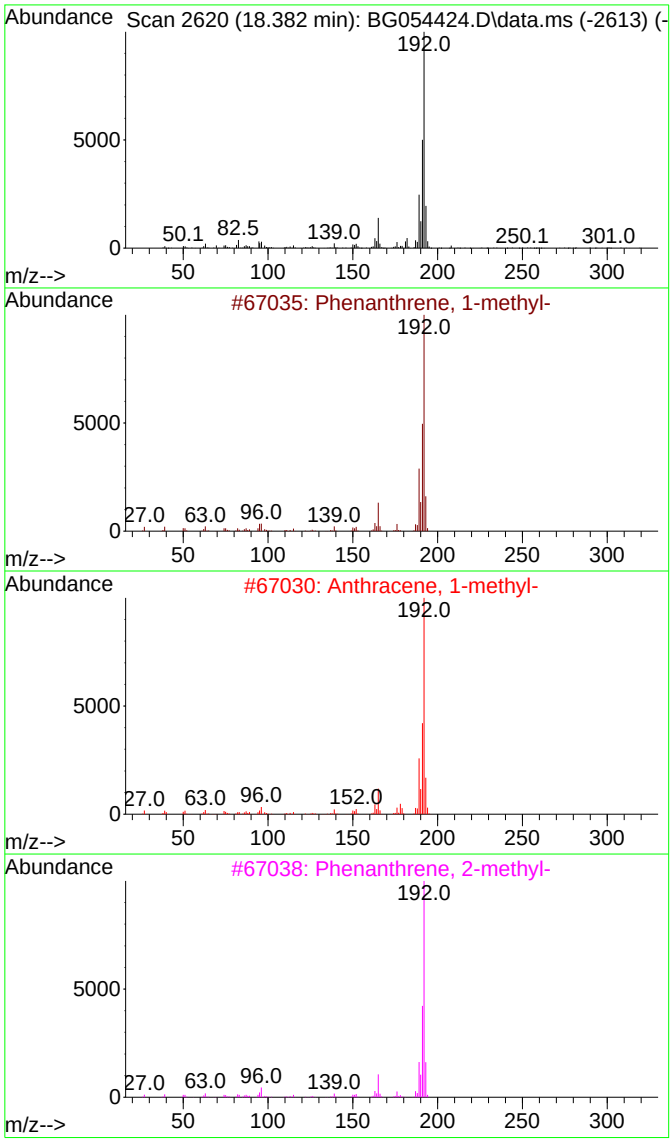
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

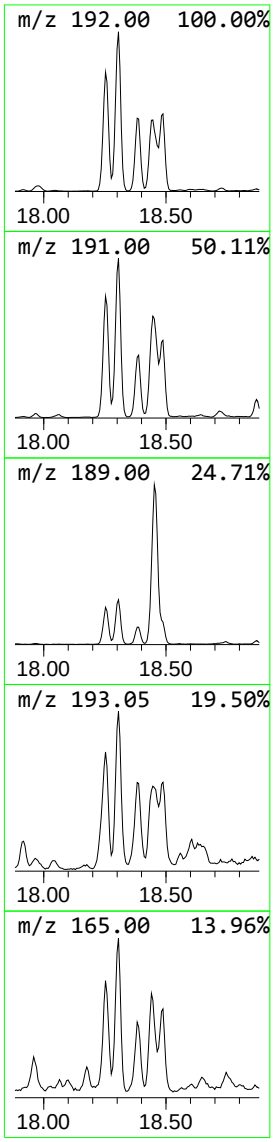
****

Peak Number 14 Anthracene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.382	35.89 ng	450066	Phenanthrene-d10	17.383

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Sample : N3918-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-02-07-26-2022

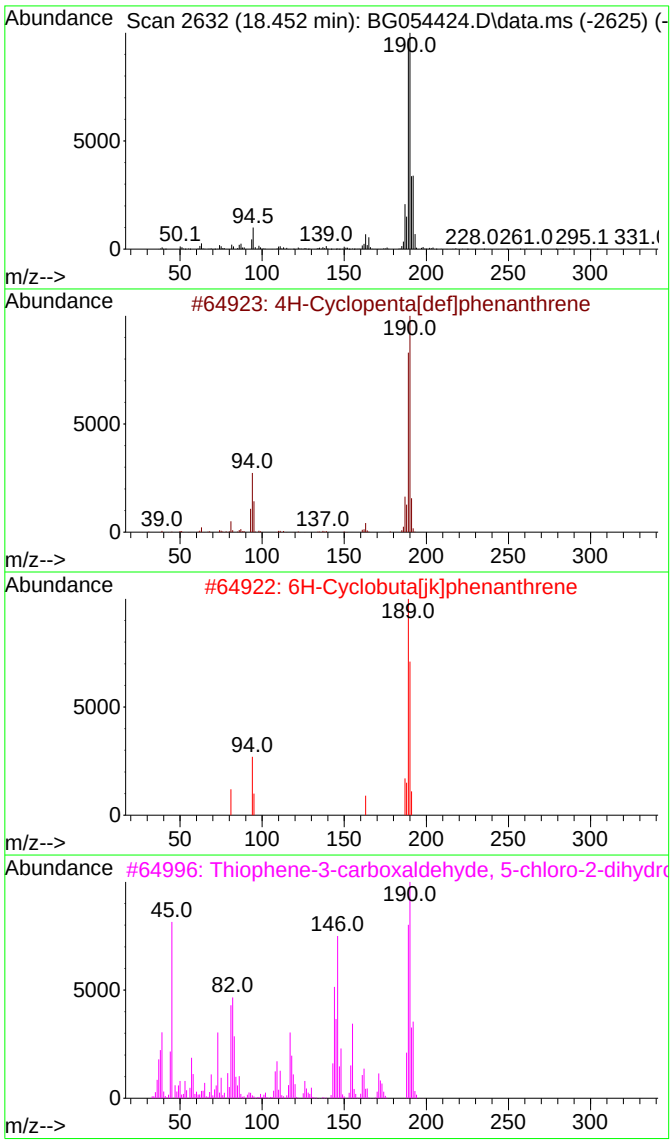
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

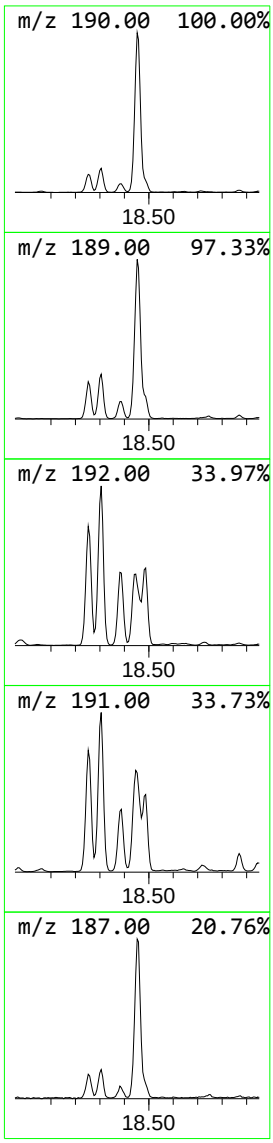
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.452	121.74 ng	1526490	Phenanthrene-d10	17.383

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





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Misc :
ALS Vial : 17 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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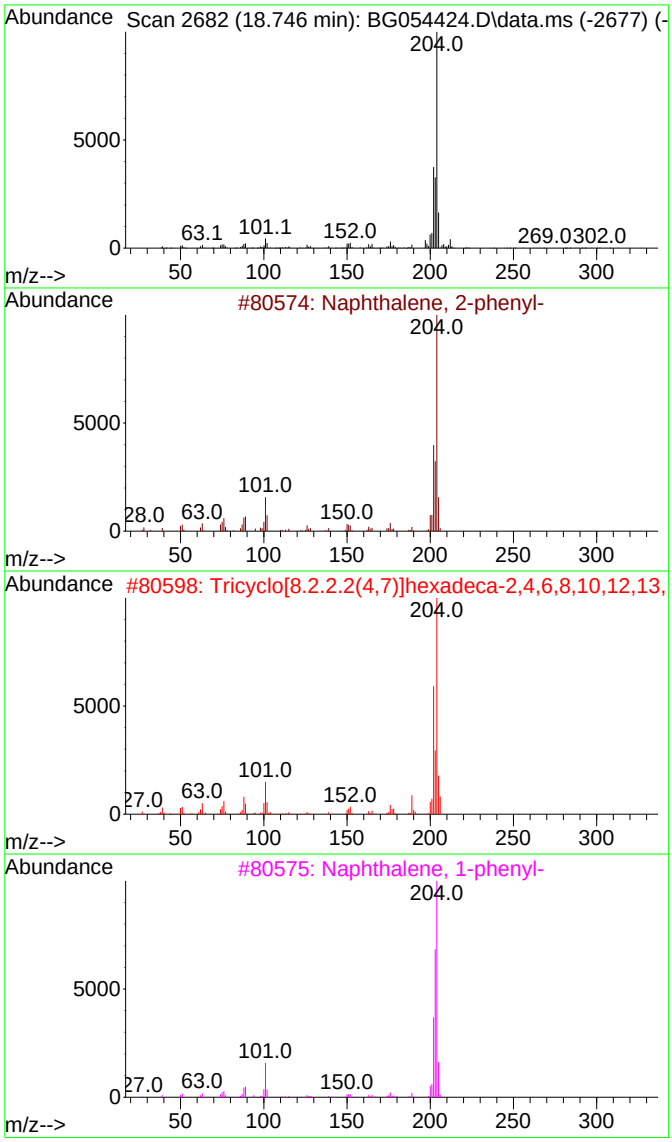
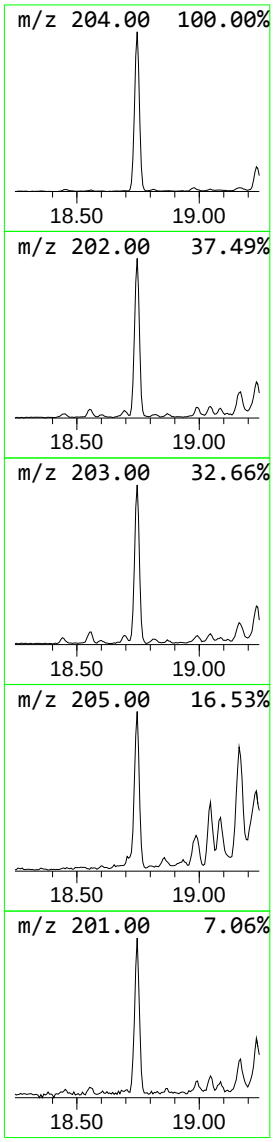
Peak Number 16 Naphthalene, 2-phenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.746	41.03 ng	514496	Phenanthrene-d10	17.383

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	53
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	52





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Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
OR-02-07-26-2022

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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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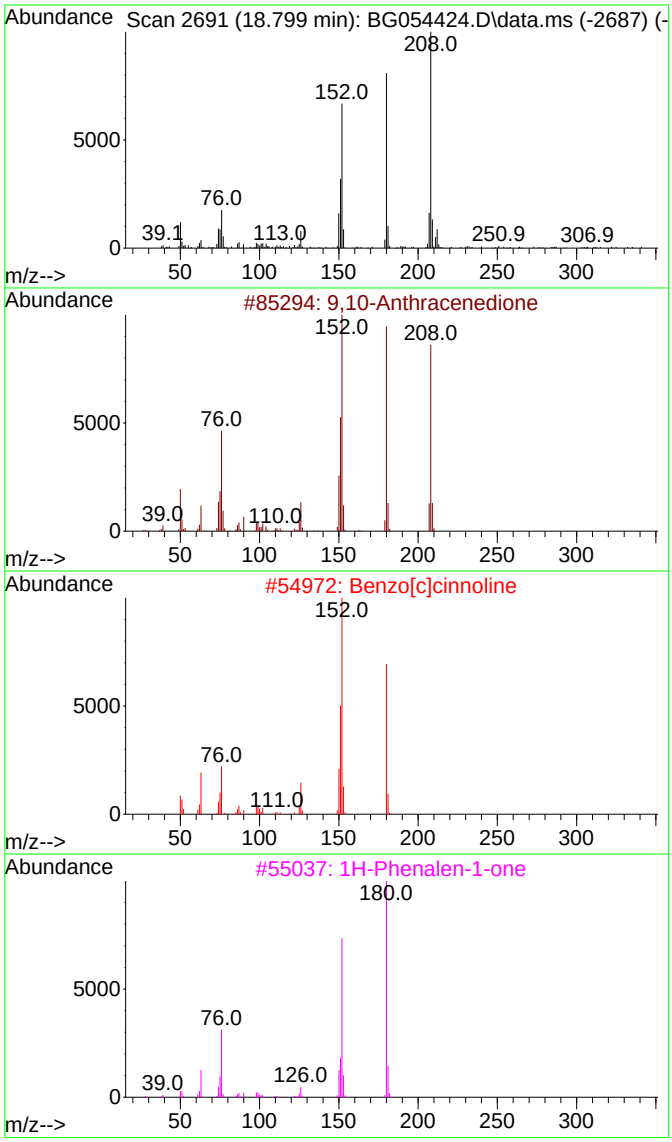
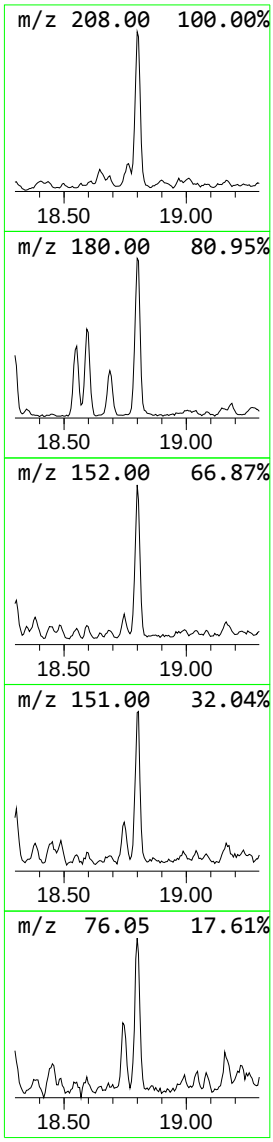
Peak Number 17 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.799	18.74 ng	235041	Phenanthrene-d10	17.383

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	78
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	50
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	49





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Data File : BG054424.D
Acq On : 27 Jul 2022 20:35
Operator : CG/JU
Sample : N3918-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-07-26-2022

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

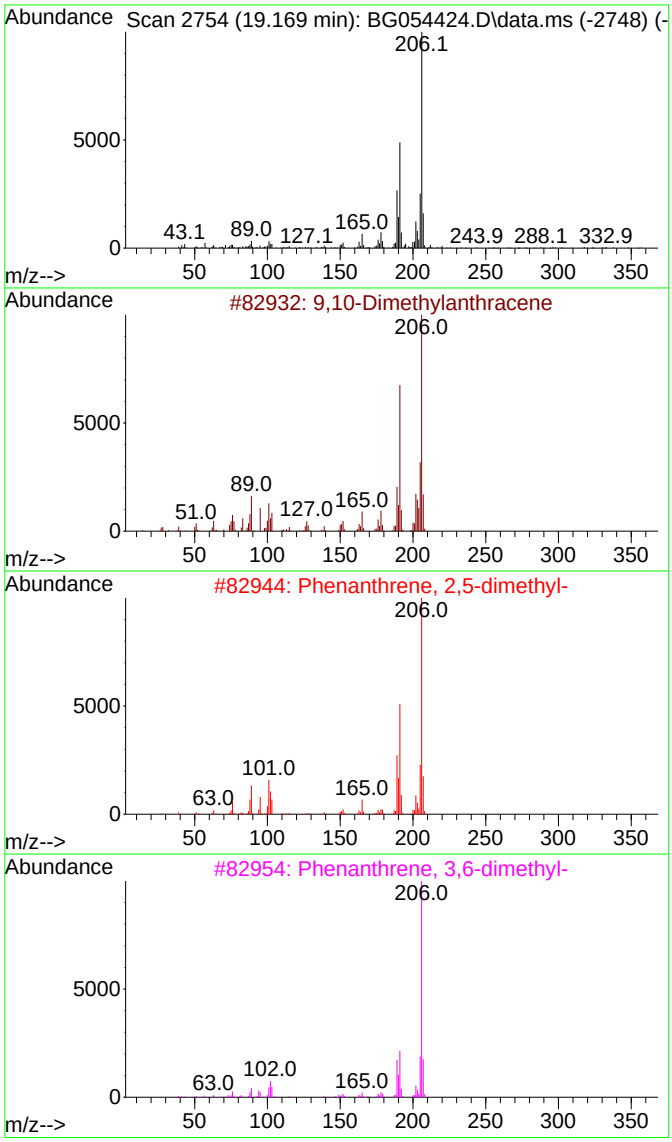
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

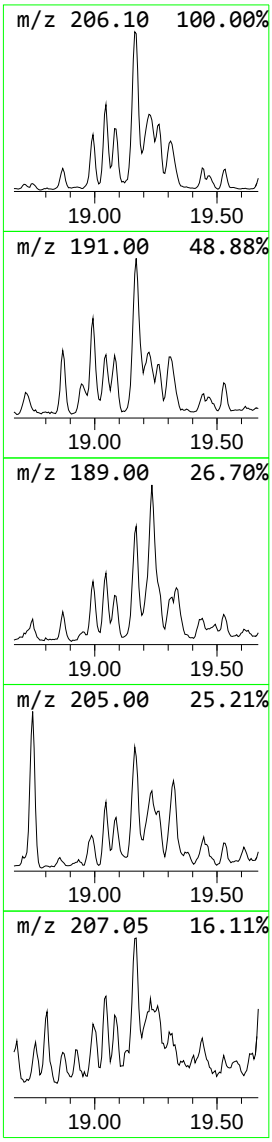
****

Peak Number 18 9,10-Dimethylanthracene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.169	35.64 ng	446914	Phenanthrene-d10	17.383

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072722\
Data File : BG054424.D
Acq On : 27 Jul 2022 20:35
Operator : CG/JU
Sample : N3918-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-07-26-2022

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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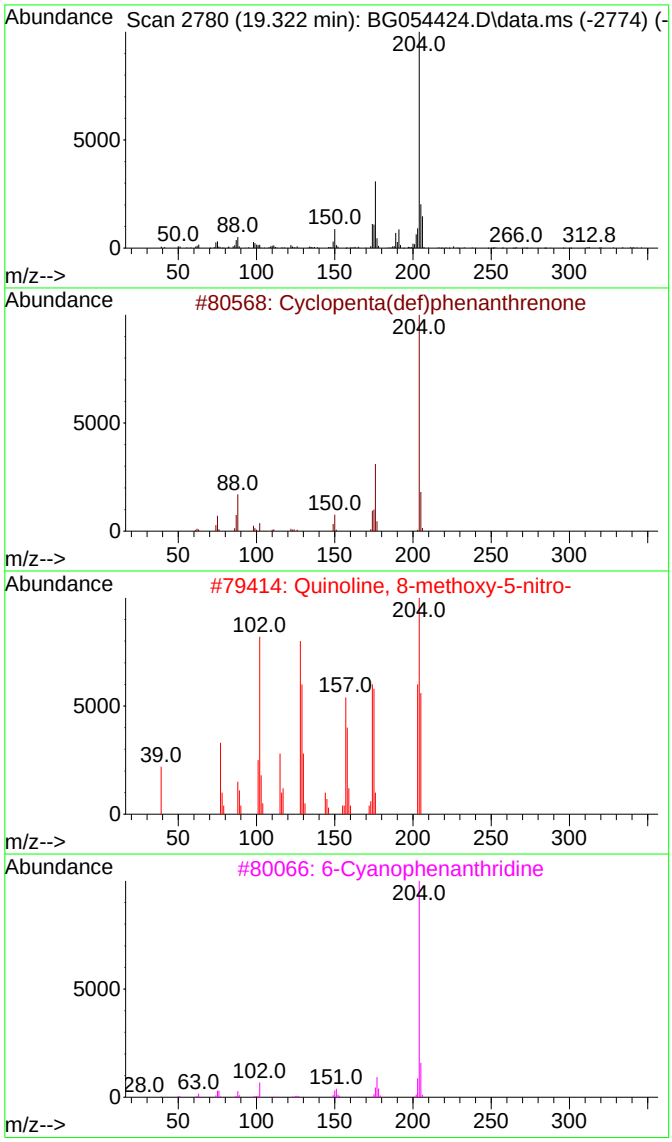
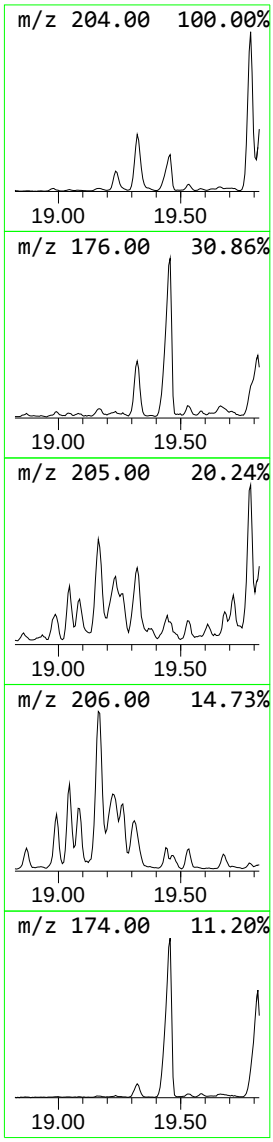
Peak Number 19 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.322	26.85 ng	336620	Phenanthrene-d10	17.383

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	53
3	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	53
4	Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	50
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072722\
Data File : BG054424.D
Acq On : 27 Jul 2022 20:35
Operator : CG/JU
Sample : N3918-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-07-26-2022

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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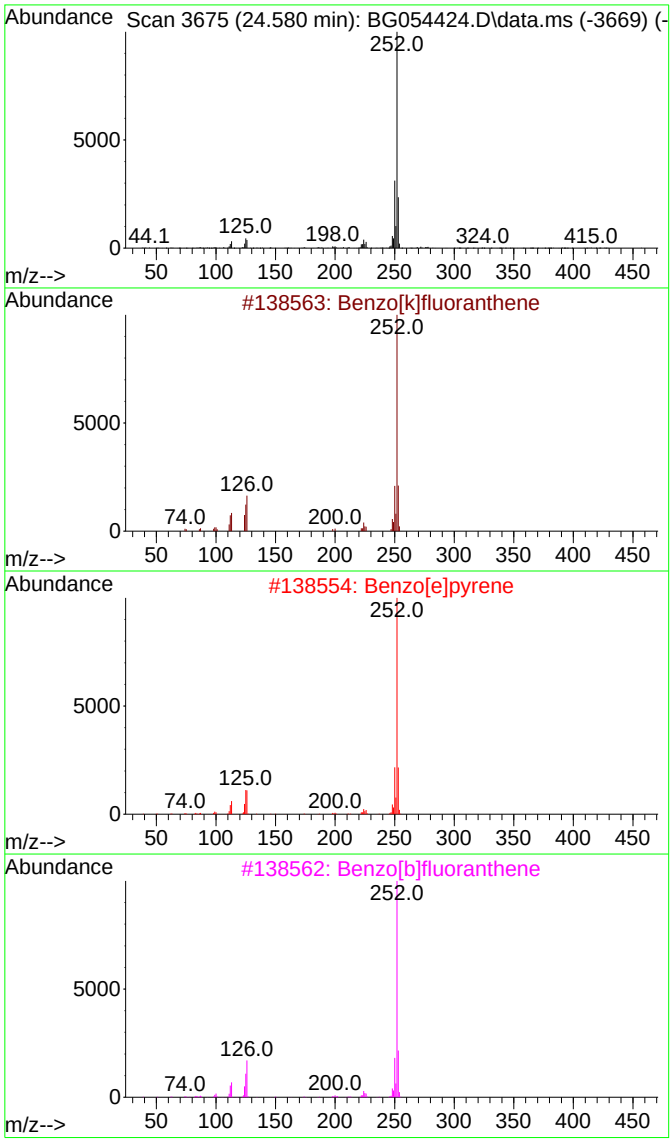
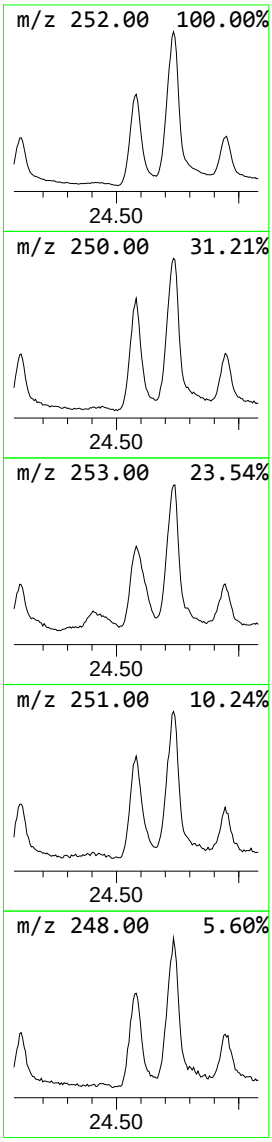
Peak Number 20 Benzo[e]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.580	12.31 ng	1259330	Perylene-d12	24.868

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072722\
Data File : BG054424.D
Acq On : 27 Jul 2022 20:35
Operator : CG/JU
Sample : N3918-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-07-26-2022

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
Naphthalene, 1,...	13.793	17.6	ng	222291	3	14.627	252516	20.0
Naphthalene, 2,...	13.952	20.0	ng	252046	3	14.627	252516	20.0
Naphthalene, 2,...	14.005	11.0	ng	138631	3	14.627	252516	20.0
Ethyl [(dipheny...	15.838	11.7	ng	147290	3	14.627	252516	20.0
9H-Fluoren-9-ol	15.967	20.1	ng	254028	3	14.627	252516	20.0
9H-Fluorene, 1-...	16.678	25.2	ng	315793	4	17.383	250787	20.0
Phenol, 3-(2-ph...	16.907	13.2	ng	165564	4	17.383	250787	20.0
3'-Methyl-[1,1'...	17.107	14.7	ng	183711	4	17.383	250787	20.0
Dibenzothiophene	17.195	41.0	ng	514214	4	17.383	250787	20.0
Anthracene, 9-e...	17.888	11.9	ng	149704	4	17.383	250787	20.0
2-Methyldibenzo...	17.953	12.8	ng	160385	4	17.383	250787	20.0
Phenanthrene, 2...	18.253	59.4	ng	745008	4	17.383	250787	20.0
Phenanthrene, 1...	18.305	75.4	ng	945460	4	17.383	250787	20.0
Anthracene, 1-m...	18.382	35.9	ng	450066	4	17.383	250787	20.0
4H-Cyclopenta[d...	18.452	121.7	ng	1526490	4	17.383	250787	20.0
Naphthalene, 2-...	18.746	41.0	ng	514496	4	17.383	250787	20.0
9,10-Anthracene...	18.799	18.7	ng	235041	4	17.383	250787	20.0
9,10-Dimethylan...	19.169	35.6	ng	446914	4	17.383	250787	20.0
Cyclopenta(def)...	19.322	26.9	ng	336620	4	17.383	250787	20.0
Benzo[e]pyrene	24.580	12.3	ng	1259330	6	24.868	2046000	20.0