LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072022\
Data File : BG054335.D
Acq On : 20 Jul 2022 20:13
Operator : CG/JU
Sample : N3776-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 72-11966

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: BG054335.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.569	362	371	383	rBV	337018	593538	8.80%	0.915%
2	7.179	637	645	656	rBV	387569	679927	10.08%	1.048%
3	8.001	778	785	792	rBB	77780	133411	1.98%	0.206%
4	9.165	975	983	991	rBV	231410	436299	6.47%	0.673%
5	10.810	1254	1263	1268	rBV	103344	193245	2.87%	0.298%
6	13.254	1672	1679	1687	rVB	756834	1240861	18.40%	1.913%
7	14.358	1859	1867	1878	rBV2	49018	101487	1.50%	0.156%
8	14.635	1904	1914	1919	rBV	189156	313985	4.66%	0.484%
9	14.699	1919	1925	1931	rVB	107386	171436	2.54%	0.264%
10	15.034	1975	1982	1988	rBV	49622	84765	1.26%	0.131%
11	15.680	2086	2092	2103	rVB	106958	186117	2.76%	0.287%
12	16.127	2160	2168	2174	rBV2	742061	1196888	17.75%	1.845%
13	16.350	2199	2206	2214	rBV5	45349	95855	1.42%	0.148%
14	16.626	2248	2253	2257	rBV	63367	105888	1.57%	0.163%
15	16.685	2258	2263	2267	rVV3	52844	103346	1.53%	0.159%
16	16.926	2294	2304	2306	rBV6	38808	104097	1.54%	0.160%
17	17.032	2318	2322	2330	rVB2	63752	104035	1.54%	0.160%
18	17.196	2345	2350	2358	rVB	85231	143754	2.13%	0.222%
19	17.296	2361	2367	2376	rVB2	142336	220278	3.27%	0.340%
20	17.384	2376	2382	2384	rBV	221385	346445	5.14%	0.534%
21	17.431	2384	2390	2396	rVV	1466082	2356401	34.94%	3.632%
22	17.514	2396	2404	2409	rVV	228903	354933	5.26%	0.547%
23	17.566	2409	2413	2419	rVB2	94939	160986	2.39%	0.248%
24	17.749	2438	2444	2447	rBV	453396	666705	9.89%	1.028%
25	17.784	2447	2450	2455	rVB	146958	206255	3.06%	0.318%
26	17.895	2466	2469	2475	rVB	54838	73028	1.08%	0.113%
27	17.960	2475	2480	2488	rVB3	71587	126566	1.88%	0.195%
28	18.042	2490	2494	2500	rBV5	46609	77464	1.15%	0.119%
29	18.260	2525	2531	2536	rVV2	316573	693000	10.28%	1.068%
30	18.307	2536	2539	2546	rVB	381501	559598	8.30%	0.863%
31	18.389	2548	2553	2557	rBV	73138	122154	1.81%	0.188%
32	18.454	2558	2564	2568	rBV2	464825	895401	13.28%	1.380%
33	18.489	2568	2570	2576	rVB	217589	271352	4.02%	0.418%
34	18.753	2610	2615	2619	rBV	231293	343736	5.10%	0.530%
35	18.800	2619	2623	2633	rVB	347563	552467	8.19%	0.852%
36	19.000	2649	2657	2662	rBV3	98403	214072	3.17%	0.330%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072022\
Data File : BG054335.D
Acq On : 20 Jul 2022 20:13
Operator : CG/JU
Sample : N3776-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 72-11966

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	19.053	2662	2666	2669	rBV	99786	130060	1.93%	0.200%
38	19.088	2669	2672	2677	rVB2	83855	115597	1.71%	0.178%
39	19.176	2681	2687	2691	rBV2	480121	803123	11.91%	1.238%
40	19.212	2691	2693	2700	rVB4	177392	308972	4.58%	0.476%
41	19.323	2707	2712	2719	rBV3	164045	343070	5.09%	0.529%
42	19.452	2726	2734	2739	rVB	3473448	6128058	90.87%	9.446%
43	19.500	2739	2742	2745	rBV2	70858	90577	1.34%	0.140%
44	19.541	2745	2749	2753	rVB2	193715	255463	3.79%	0.394%
45	19.640	2762	2766	2769	rBV2	81079	126288	1.87%	0.195%
46	19.682	2769	2773	2777	rVB	121224	179695	2.66%	0.277%
47	19.817	2784	2796	2801	rBV2	3346041	6743563	100.00%	10.395%
48	19.870	2801	2805	2811	rVB3	240055	393330	5.83%	0.606%
49	19.993	2819	2826	2830	rBV2	1450519	2094996	31.07%	3.229%
50	20.040	2830	2834	2841	rVB	214547	352102	5.22%	0.543%
51	20.122	2842	2848	2854	rBV2	299583	814476	12.08%	1.255%
52	20.257	2866	2871	2873	rBV4	218843	387948	5.75%	0.598%
53	20.293	2873	2877	2882	rVB	695861	1032648	15.31%	1.592%
54	20.393	2889	2894	2898	rBV	525050	735959	10.91%	1.134%
55	20.451	2899	2904	2908	rVV2	380620	677100	10.04%	1.044%
56	20.487	2908	2910	2914	rVB	168169	190412	2.82%	0.294%
57	20.592	2924	2928	2931	rBV	268610	383655	5.69%	0.591%
58	20.633	2932	2935	2939	rVB	226071	310761	4.61%	0.479%
59	21.056	3003	3007	3013	rVB	314540	512227	7.60%	0.790%
60	21.233	3032	3037	3041	rBV3	380138	699151	10.37%	1.078%
61	21.280	3041	3045	3049	rVV	375403	613384	9.10%	0.945%
62	21.327	3049	3053	3058	rVV2	452111	815469	12.09%	1.257%
63	21.391	3061	3064	3072	rVB	329533	542502	8.04%	0.836%
64	21.650	3100	3108	3113	rBV3	1863660	4173032	61.88%	6.432%
65	21.715	3114	3119	3129	rVB	2059579	3903357	57.88%	6.017%
66	21.861	3139	3144	3150	rBV	462215	774069	11.48%	1.193%
67	22.061	3173	3178	3185	rBV2	304001	566536	8.40%	0.873%
68	22.384	3230	3233	3239	rVB	294250	494241	7.33%	0.762%
69	22.660	3276	3280	3284	rBV2	183740	341640	5.07%	0.527%
70	23.894	3477	3490	3495	rBV	1518526	5400723	80.09%	8.325%
71	24.123	3523	3529	3537	rVB	281036	643242	9.54%	0.991%
72	24.605	3601	3611	3623	rVB	951116	3059065	45.36%	4.715%
73	24.764	3626	3638	3647	rVB	1379437	4192837	62.18%	6.463%
74	24.975	3668	3674	3688	rVB3	441173	1316845	19.53%	2.030%

Sum of corrected areas: 64875948

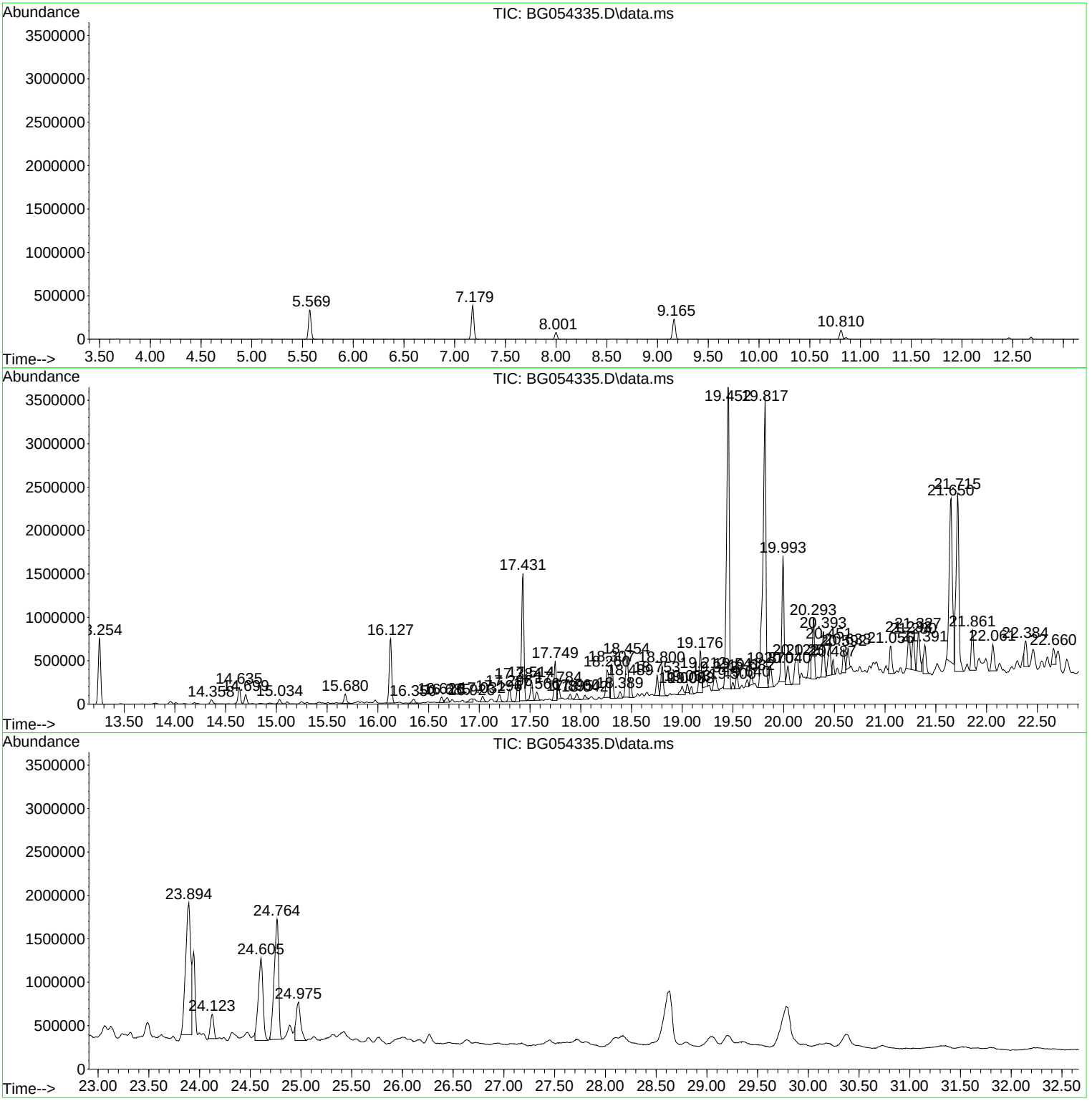
Instrument :
BNA_G
ClientSampleId :
72-11966

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072022\
Data File : BG054335.D
Acq On : 20 Jul 2022 20:13
Operator : CG/JU
Sample : N3776-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11966

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\BG072022\
Data File : BG054335.D
Acq On : 20 Jul 2022 20:13
Operator : CG/JU
Sample : N3776-01
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

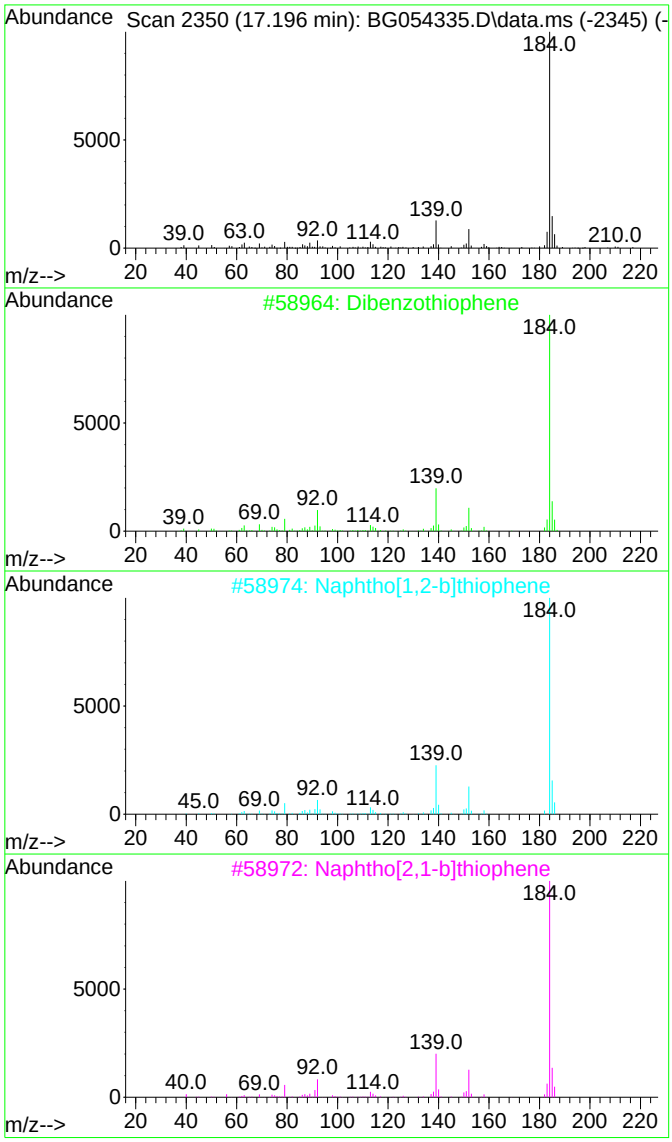
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

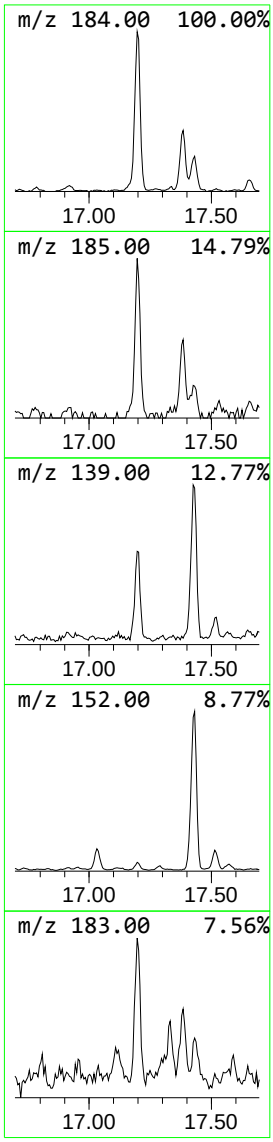
****

Peak Number 1 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.196	8.30 ng	143754	Phenanthrene-d10	17.384

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072022\
Data File : BG054335.D
Acq On : 20 Jul 2022 20:13
Operator : CG/JU
Sample : N3776-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11966

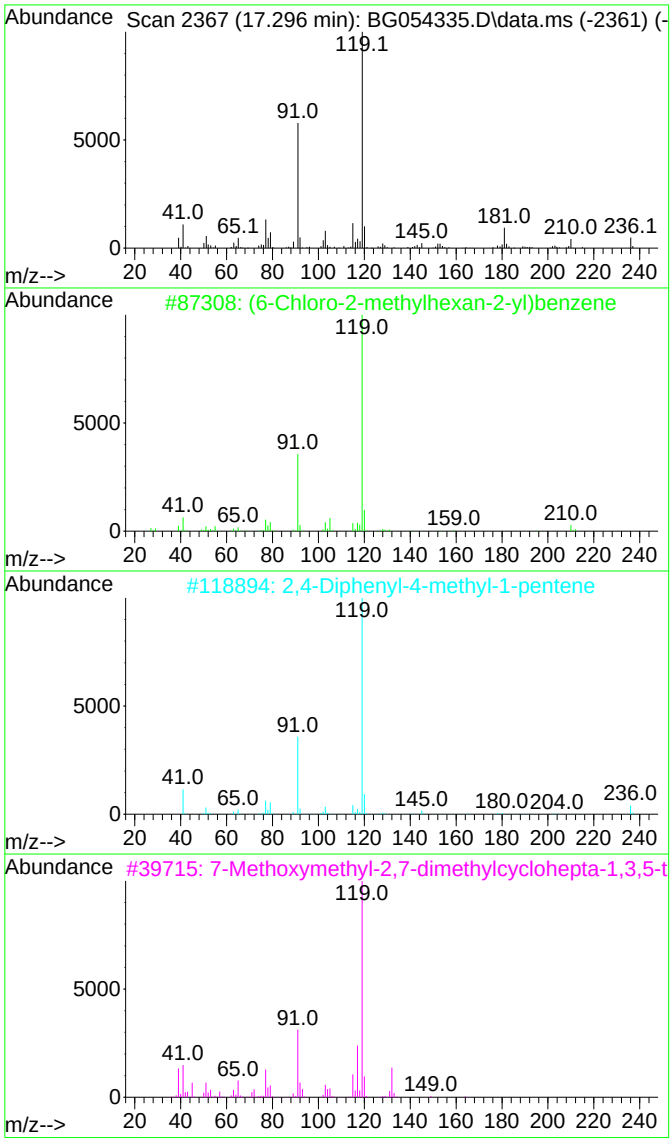
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

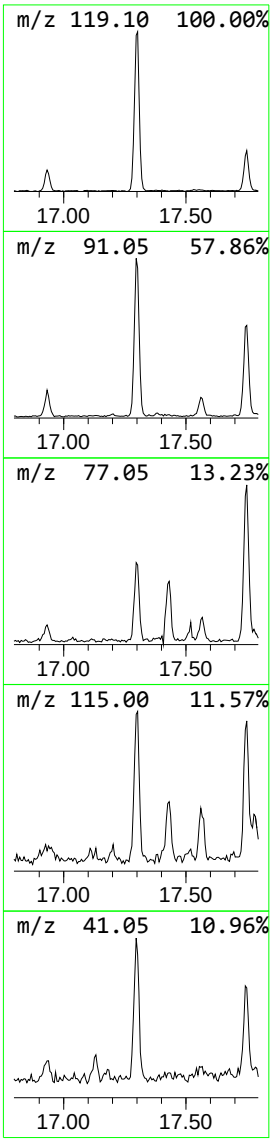
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (6-Chloro-2-methylhexan-2-y... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.296	12.72 ng	220278	Phenanthrene-d10	17.384

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(6-Chloro-2-methylhexan-2-yl)ben...	210	C13H19Cl	1417621-45-4	81
2	2,4-Diphenyl-4-methyl-1-pentene	236	C18H20	1000111-58-0	74
3	7-Methoxymethyl-2,7-dimethylcycl...	164	C11H16O	073992-48-0	64
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	59
5	Benzene, tert-butyl-	134	C10H14	000098-06-6	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072022\
Data File : BG054335.D
Acq On : 20 Jul 2022 20:13
Operator : CG/JU
Sample : N3776-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11966

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

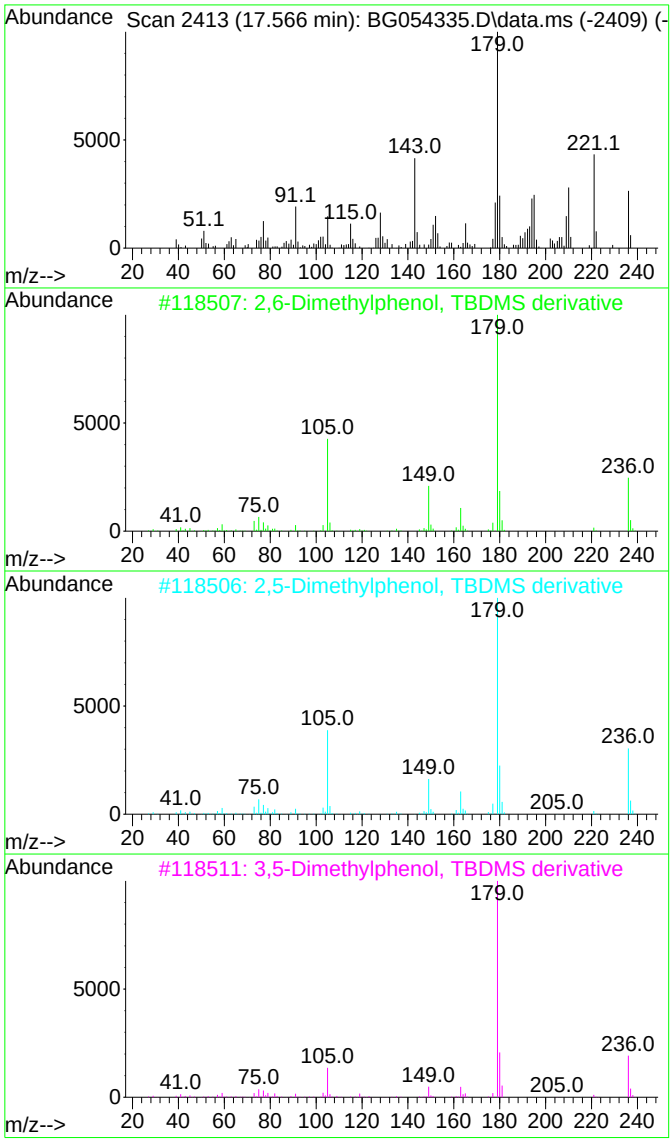
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

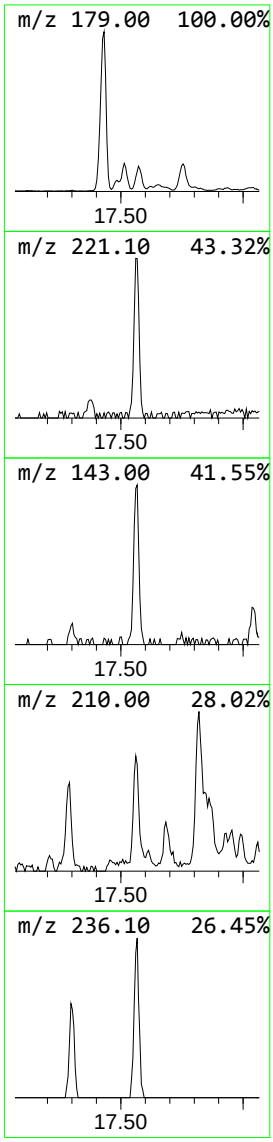
****

Peak Number 3 unknown17.567 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.567	9.29 ng	160986	Phenanthrene-d10	17.384

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethylphenol, TBDMS deriva...	236	C14H24OSi	062790-89-0	41
2	2,5-Dimethylphenol, TBDMS deriva...	236	C14H24OSi	1000373-02-9	41
3	3,5-Dimethylphenol, TBDMS deriva...	236	C14H24OSi	255837-12-8	41
4	9H-Fluorene, 9-butyl-9-methyl-	236	C18H20	042348-92-5	38
5	2,3-Dimethylphenol, TBDMS deriva...	236	C14H24OSi	1000333-49-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072022\
Data File : BG054335.D
Acq On : 20 Jul 2022 20:13
Operator : CG/JU
Sample : N3776-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11966

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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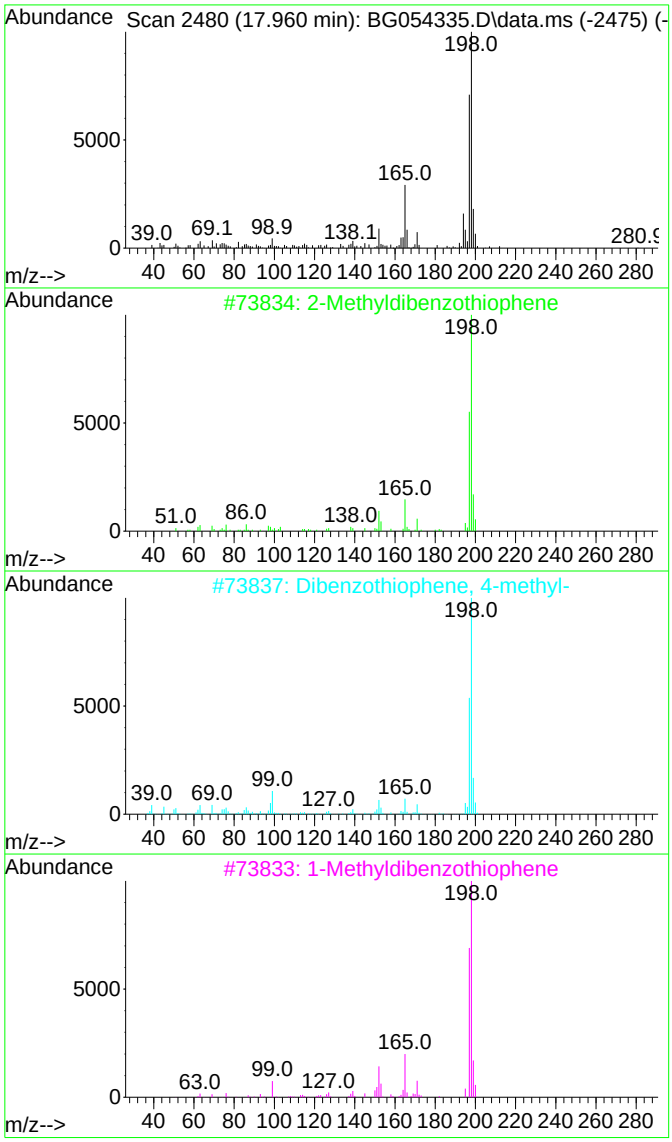
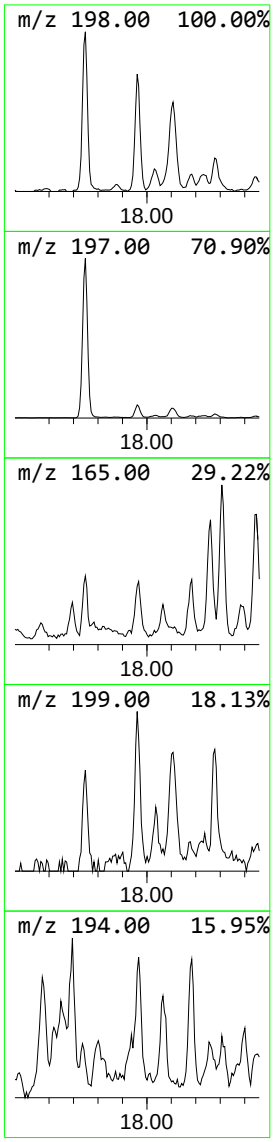
Peak Number 4 2-Methyldibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.960	7.31 ng	126566	Phenanthrene-d10	17.384

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	87
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	83
3	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	83
4	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	72
5	Tacrine	198	C13H14N2	000321-64-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072022\
Data File : BG054335.D
Acq On : 20 Jul 2022 20:13
Operator : CG/JU
Sample : N3776-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11966

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

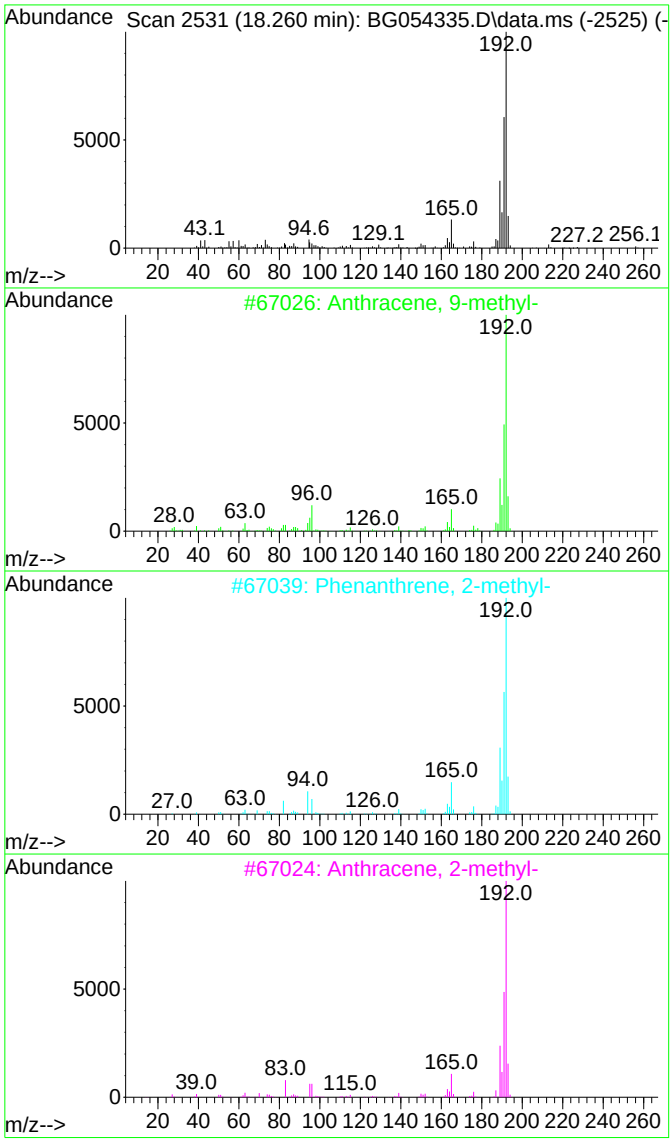
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

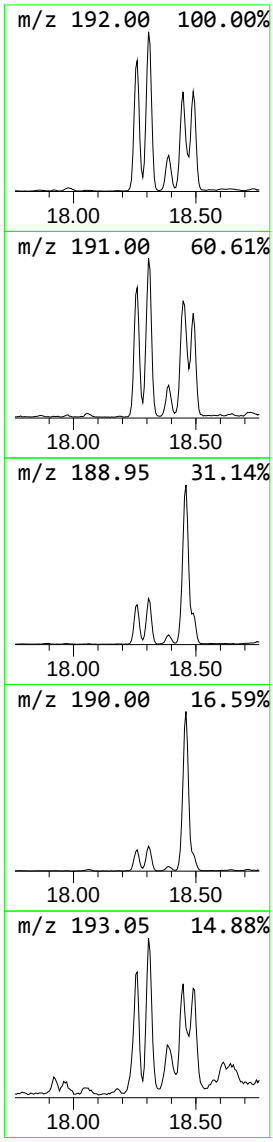
****

Peak Number 5 Anthracene, 9-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.260	40.01 ng	693000	Phenanthrene-d10	17.384

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072022\
Data File : BG054335.D
Acq On : 20 Jul 2022 20:13
Operator : CG/JU
Sample : N3776-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11966

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

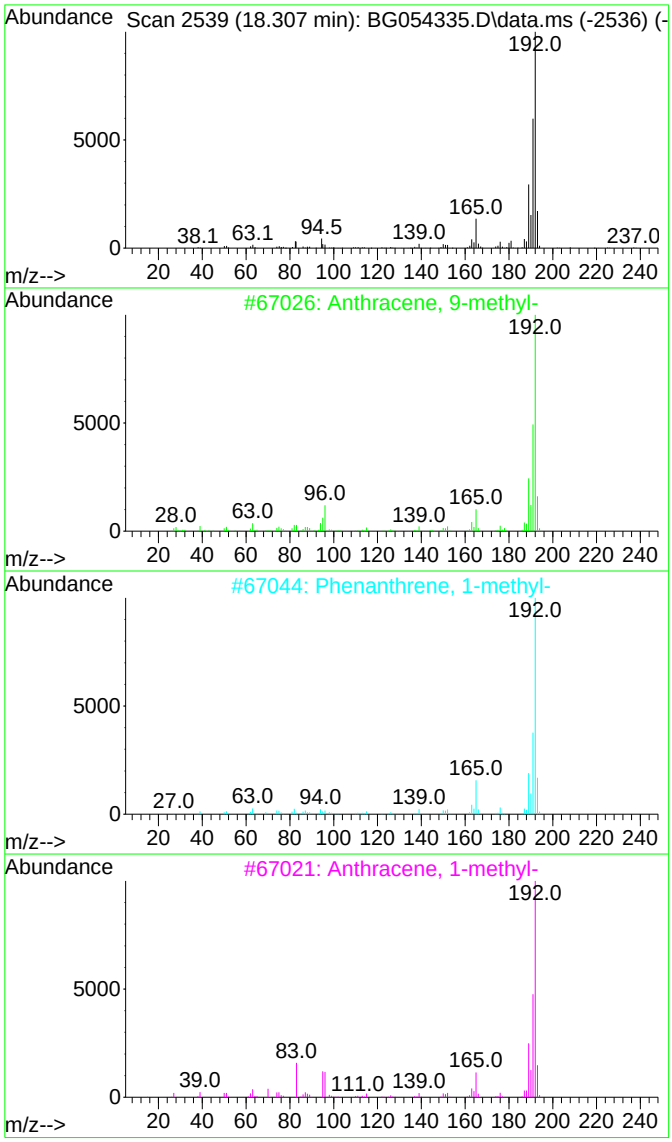
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

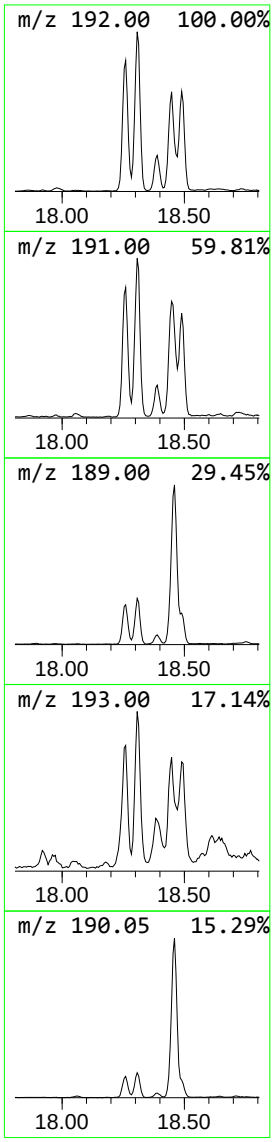
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.307	32.31 ng	559598	Phenanthrene-d10	17.384

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072022\
Data File : BG054335.D
Acq On : 20 Jul 2022 20:13
Operator : CG/JU
Sample : N3776-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11966

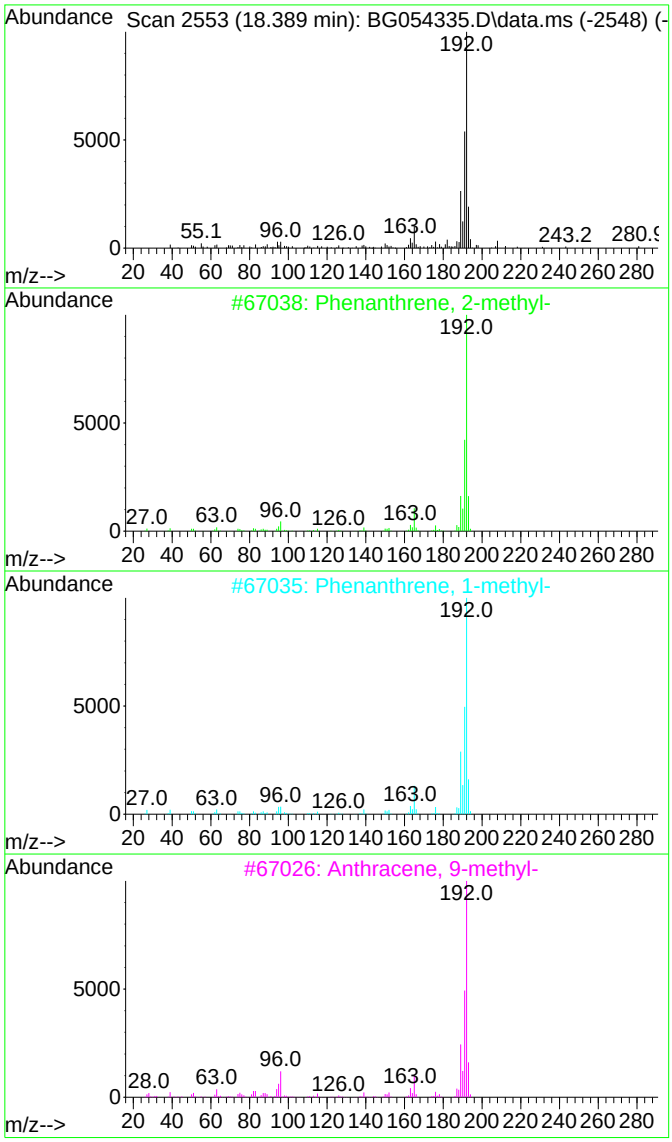
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

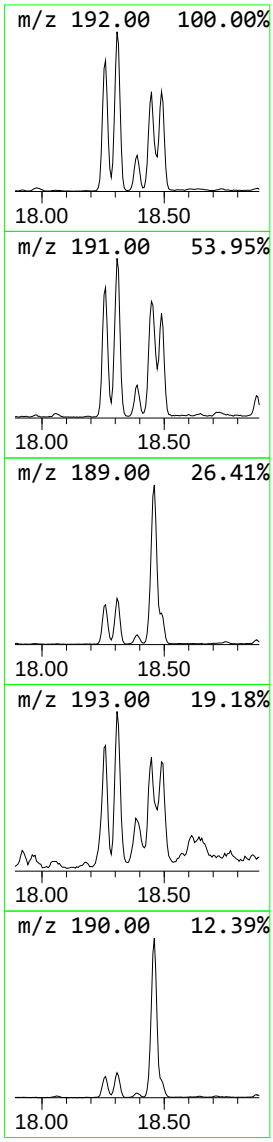
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.389	7.05 ng	122154	Phenanthrene-d10	17.384

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





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Operator : CG/JU
Sample : N3776-01
Misc :
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ClientSampleId :
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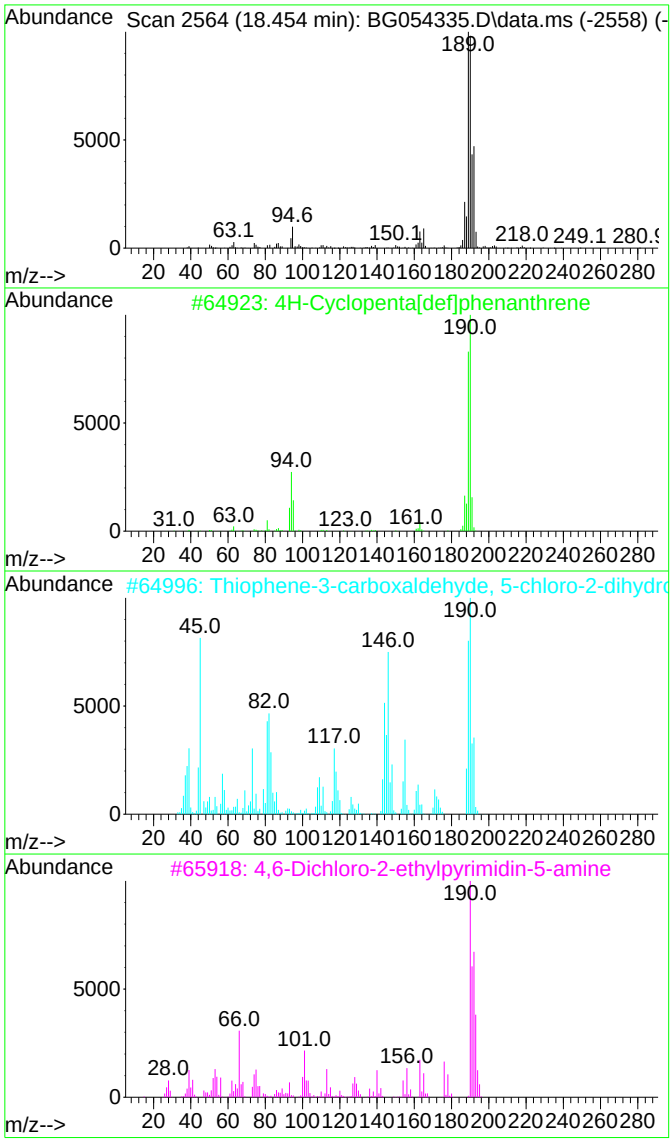
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

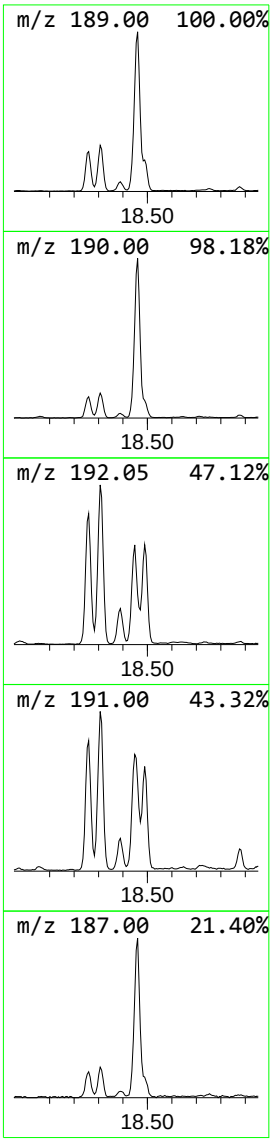
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.454	51.69 ng	895401	Phenanthrene-d10	17.384

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	43
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	35





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

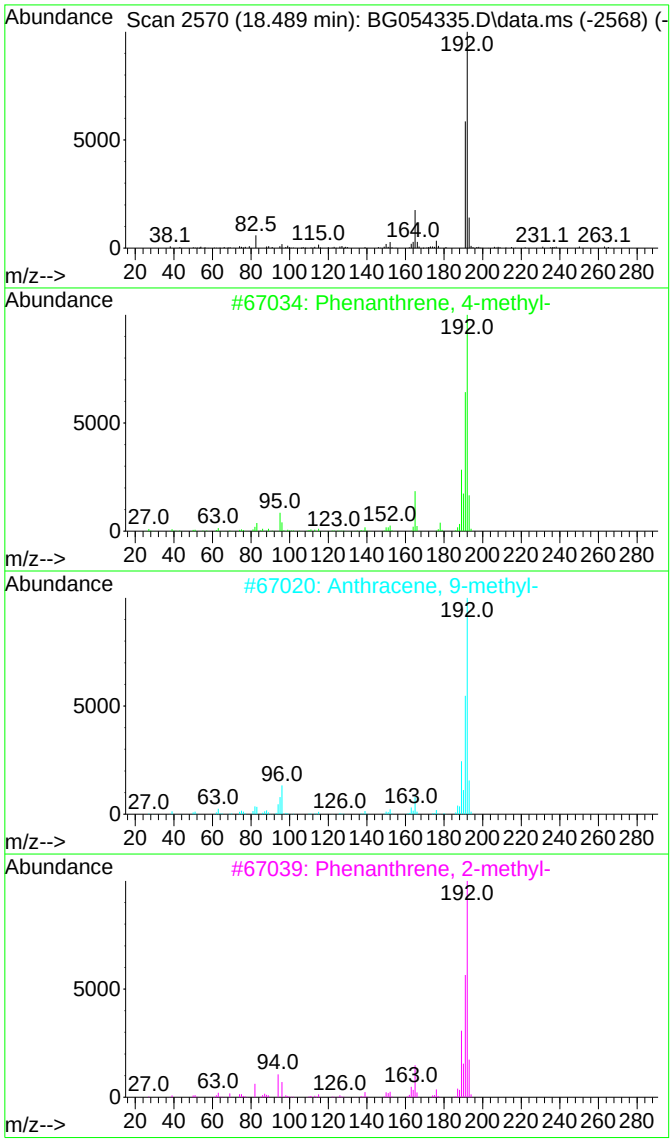
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

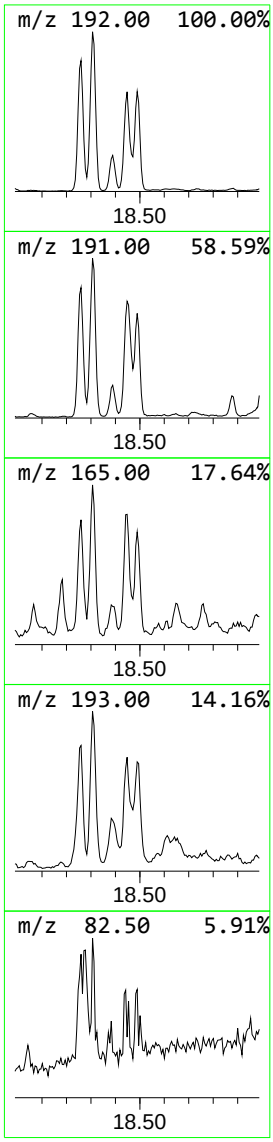
****

Peak Number 9 Phenanthrene, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.489	15.66 ng	271352	Phenanthrene-d10	17.384

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	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

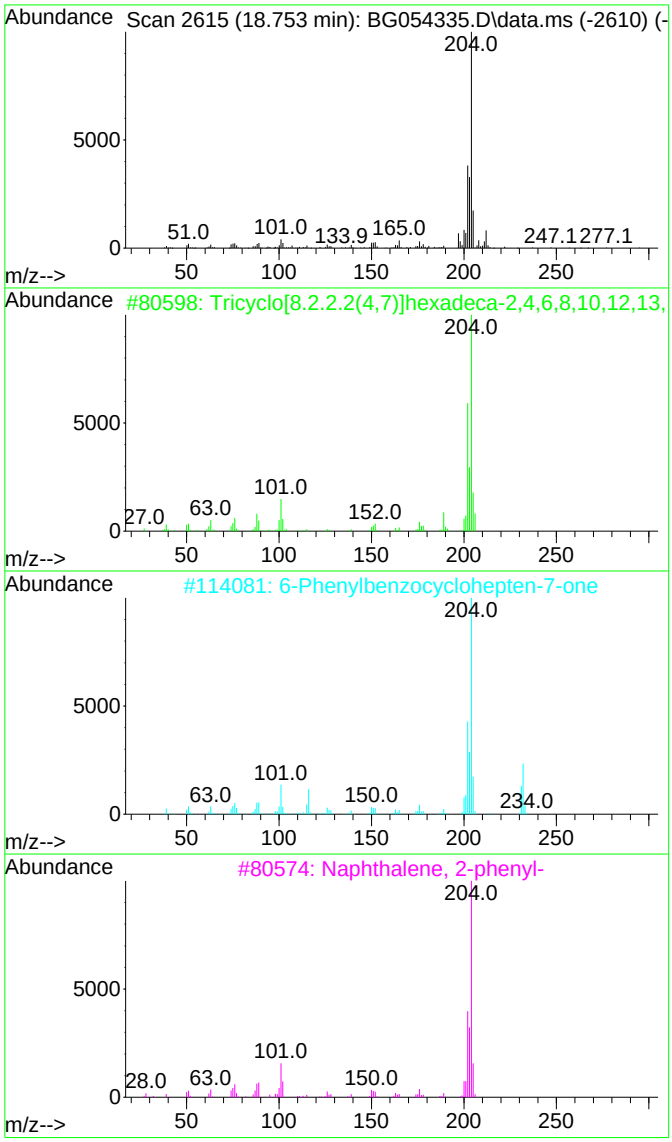
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

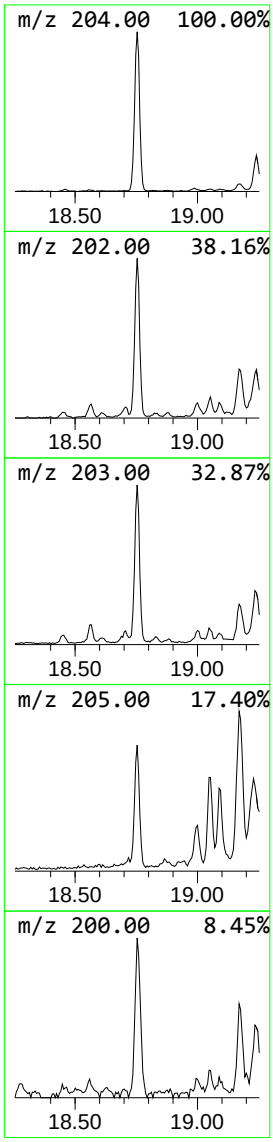
****

Peak Number 10 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.753	19.84 ng	343736	Phenanthrene-d10	17.384

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	64
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	56
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

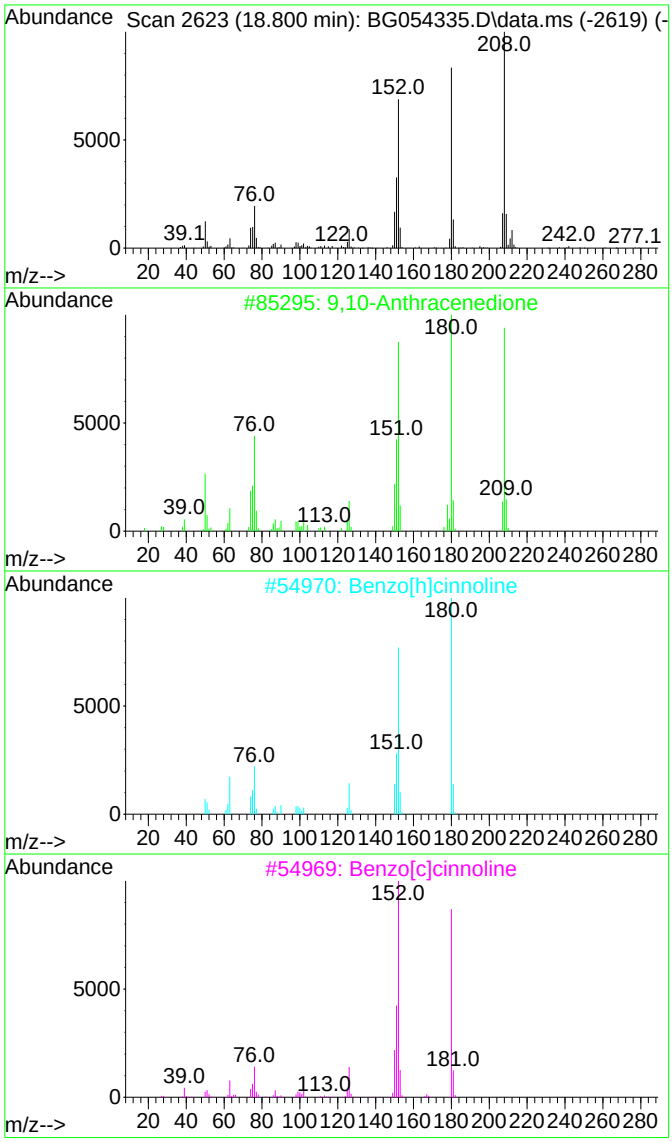
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

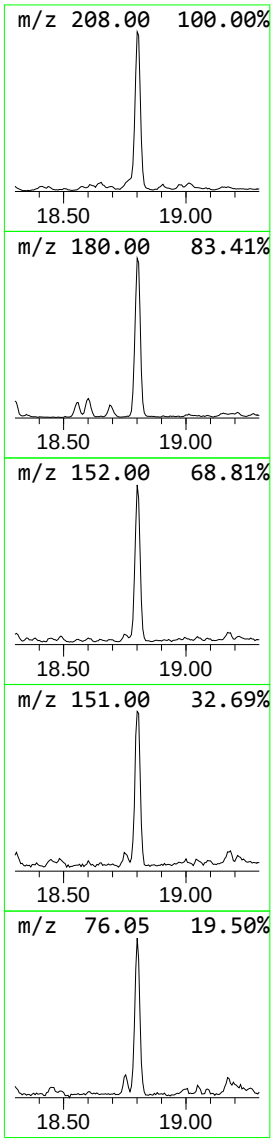
****

Peak Number 11 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.800	31.89 ng	552467	Phenanthrene-d10	17.384

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	78
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	60
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	60





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ALS Vial : 13 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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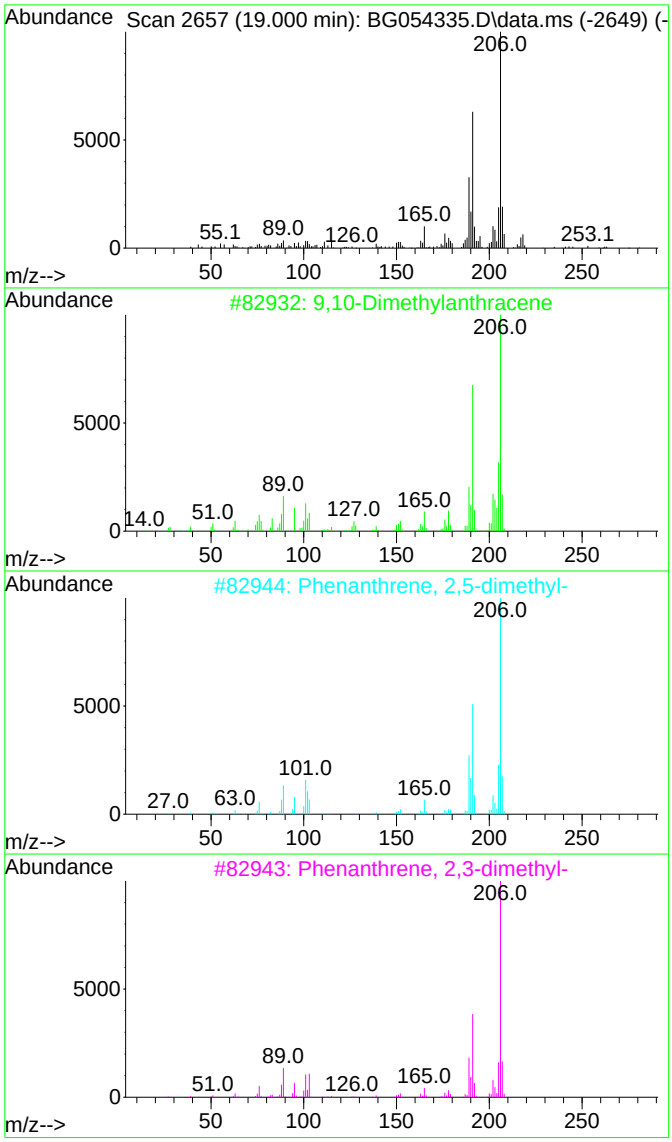
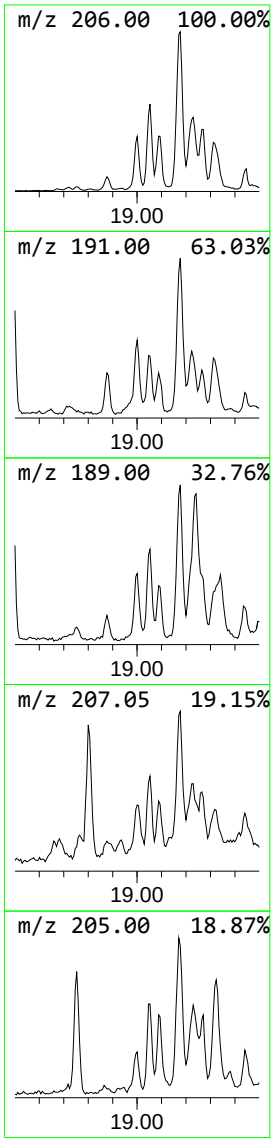
Peak Number 12 9,10-Dimethylanthracene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.000	12.36 ng	214072	Phenanthrene-d10	17.384

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	87





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

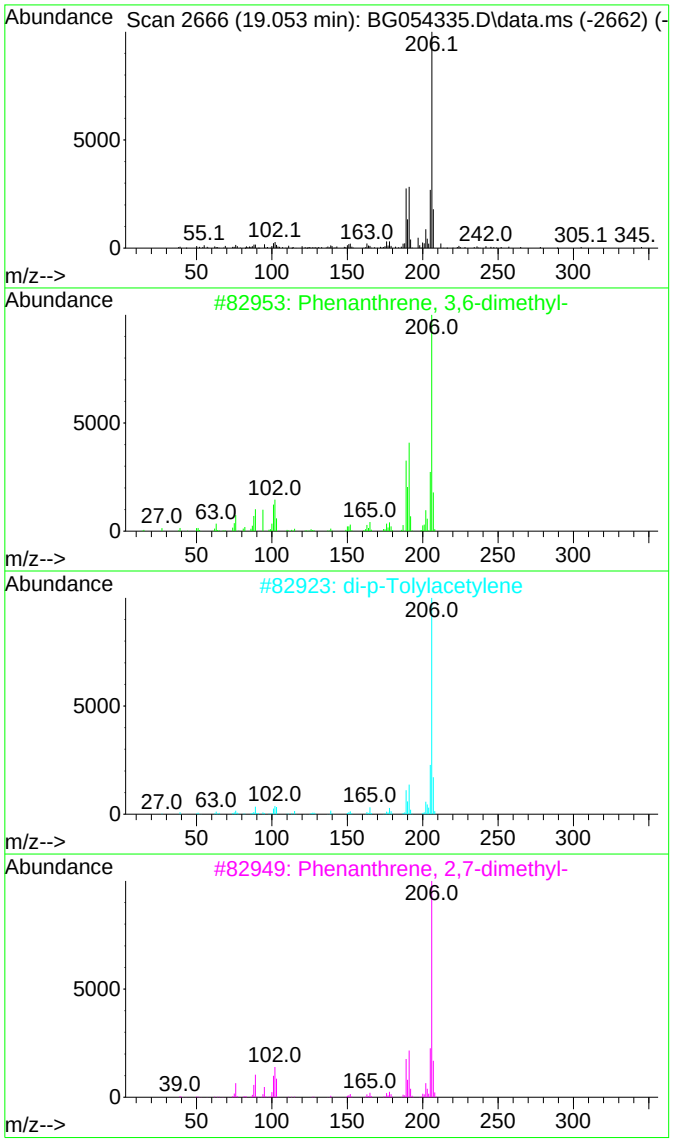
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

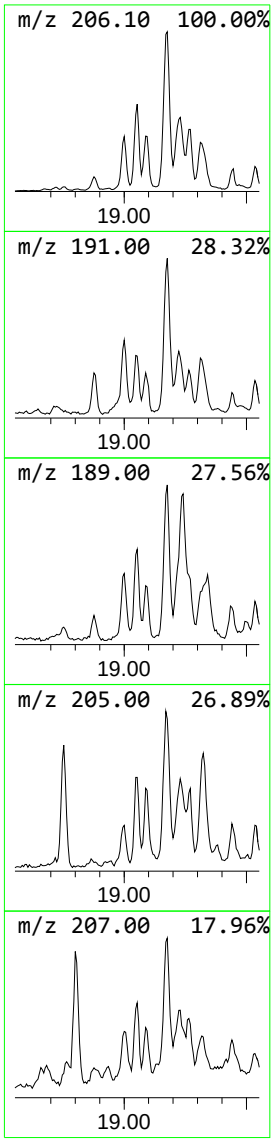
****

Peak Number 13 Phenanthrene, 3,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.053	7.51 ng	130060	Phenanthrene-d10	17.384

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, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	80





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Sample : N3776-01
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

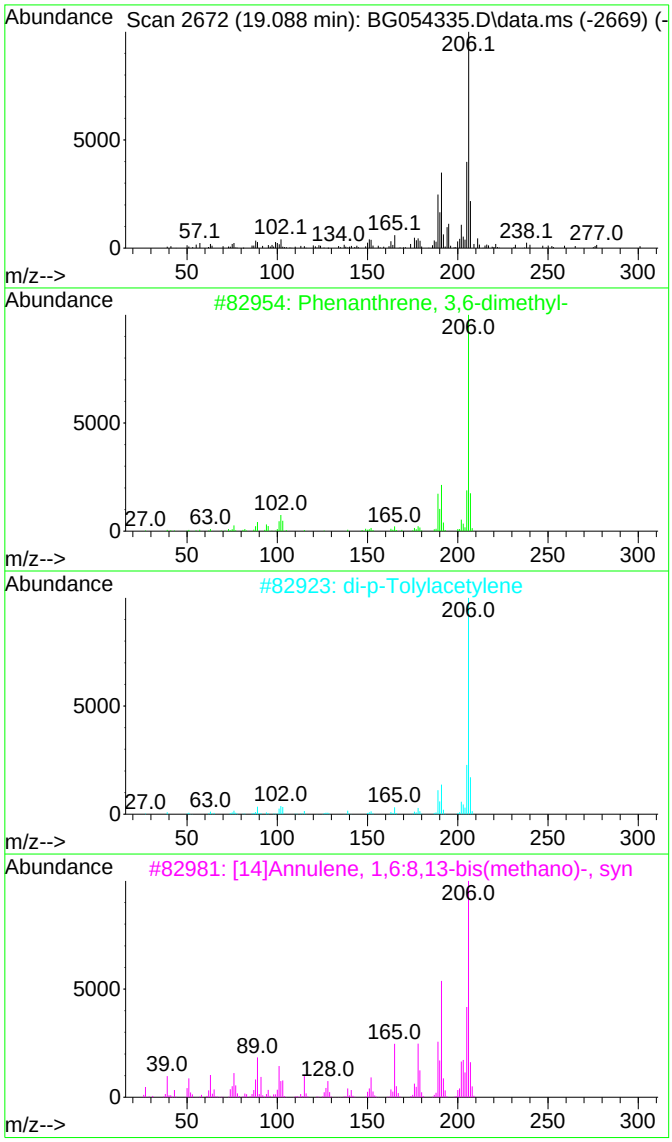
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

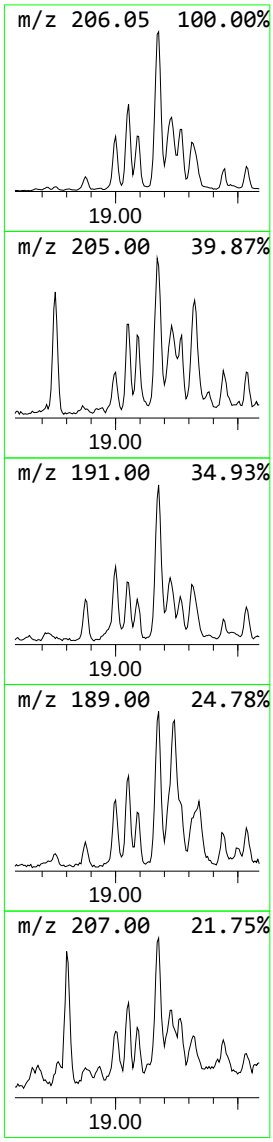
****

Peak Number 14 di-p-Tolylacetylene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.088	6.67 ng	115597	Phenanthrene-d10	17.384

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	89
3	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	68
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	68
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	62





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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

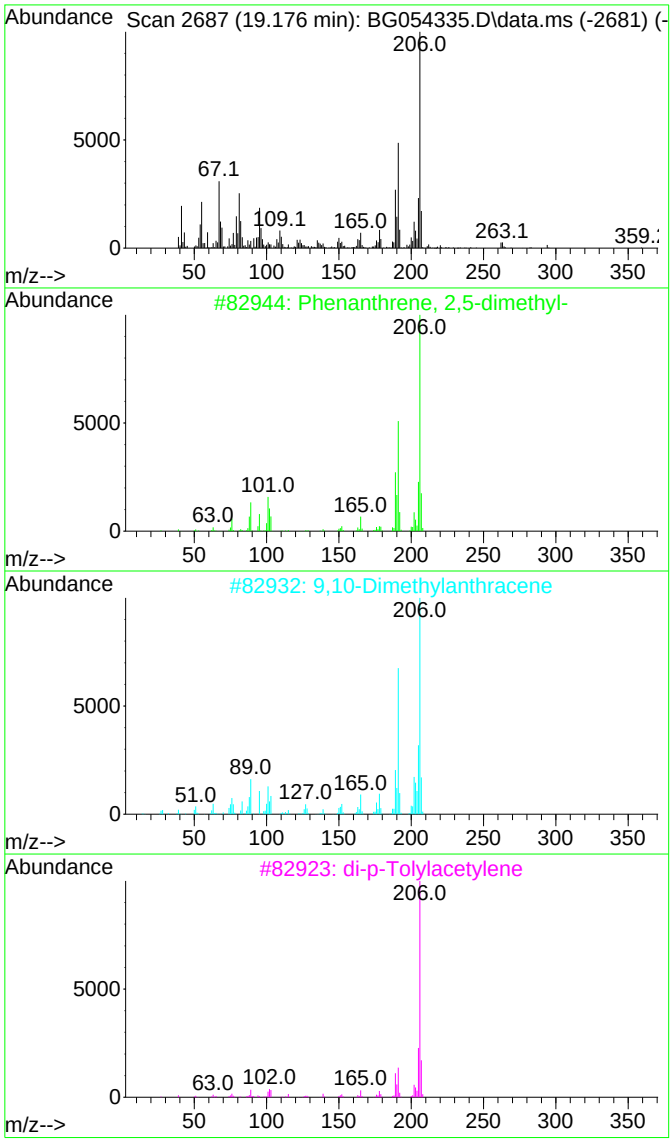
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

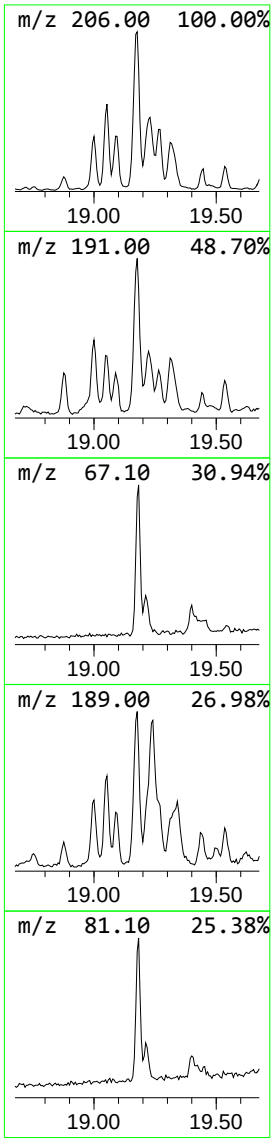
****

Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.176	46.36 ng	803123	Phenanthrene-d10	17.384

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	76





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

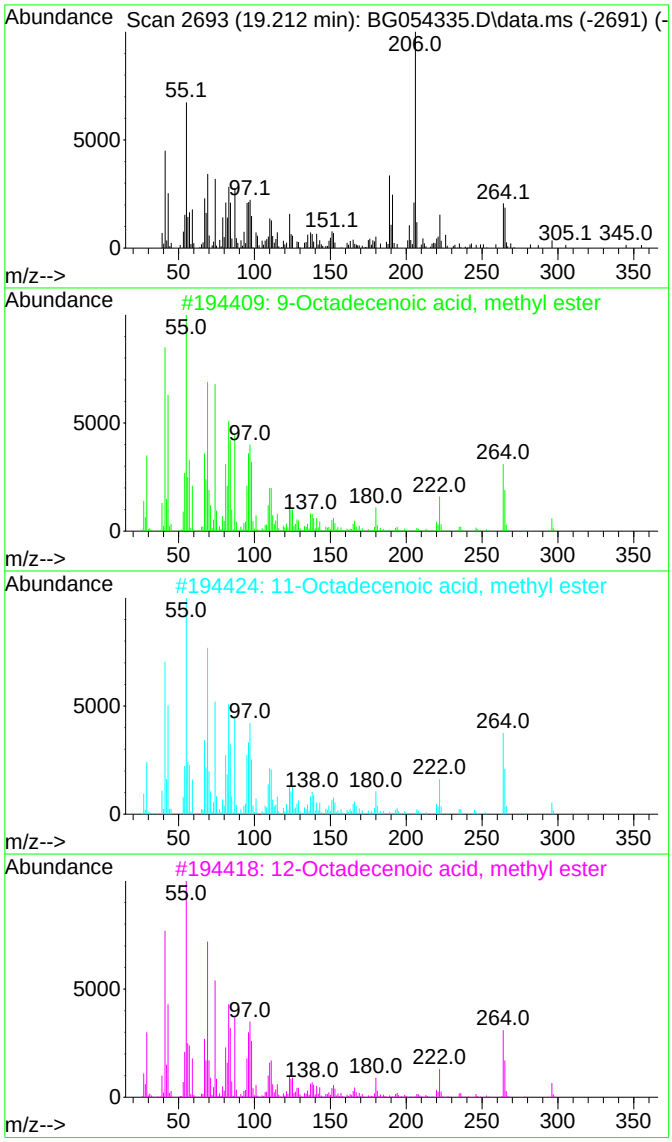
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

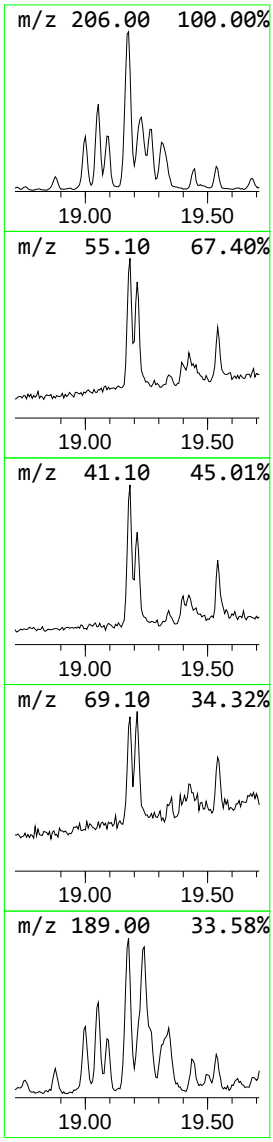
****

Peak Number 16 9-Octadecenoic acid, methyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.212	17.84 ng	308972	Phenanthrene-d10	17.384

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	94
2	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	94
3	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	93
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	93
5	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	93





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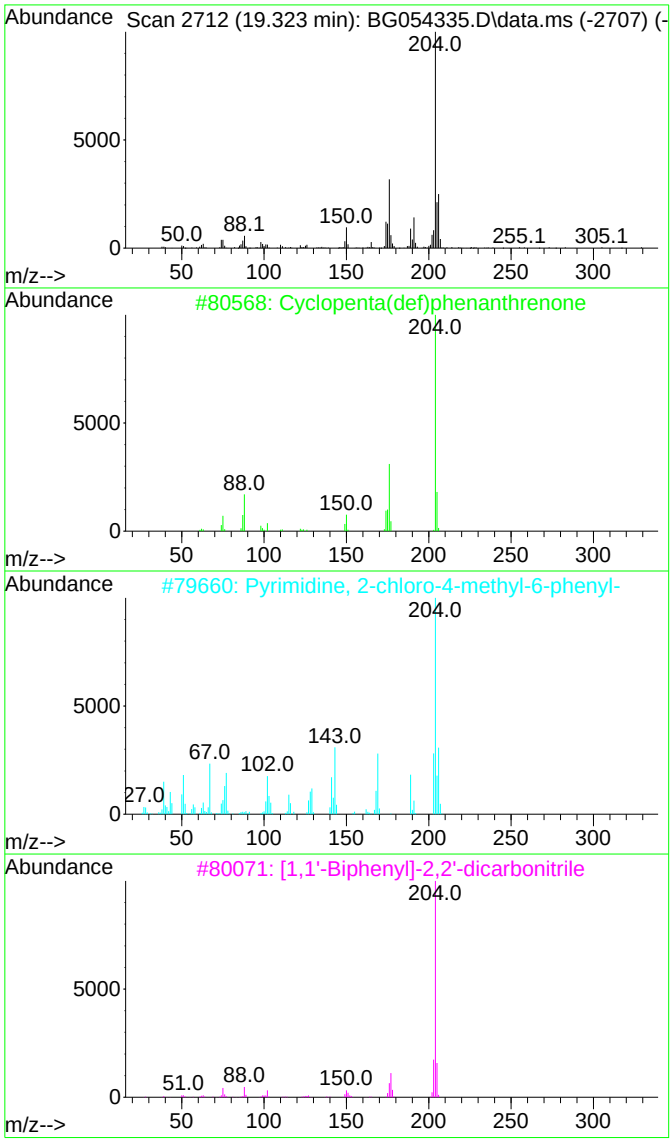
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

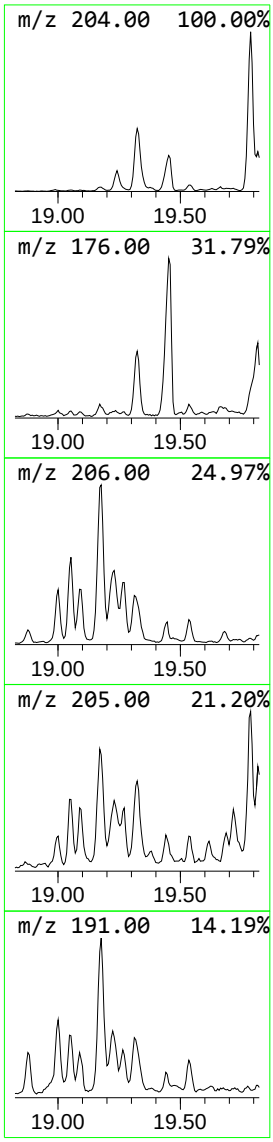
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.323	19.81 ng	343070	Phenanthrene-d10	17.384

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	50
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
4	L-Rhamnose, 4TMS derivative	452	C18H44O5Si4	019127-15-2	50
5	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	50





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TIC Library : C:\Database\NIST20.L
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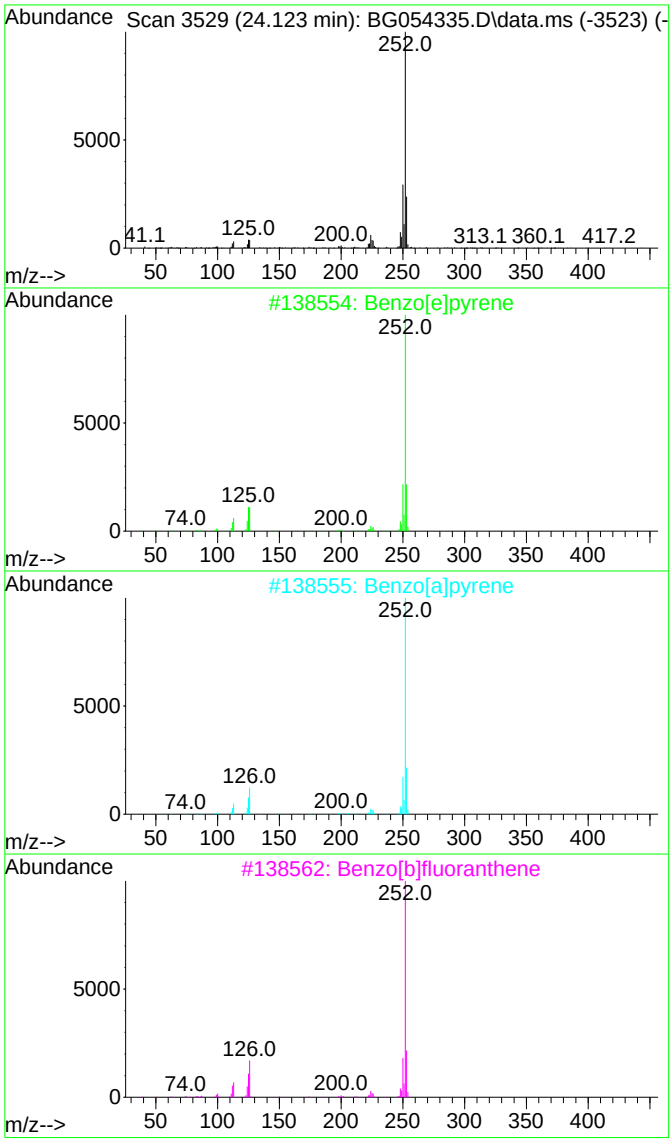
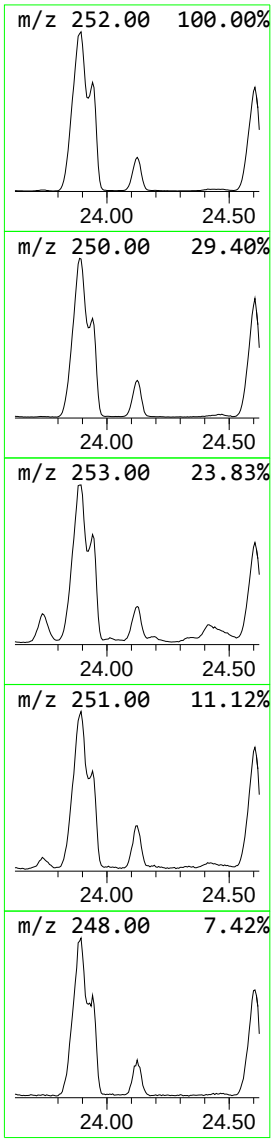
Peak Number 18 Benzo[e]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.124	9.77 ng	643242	Perylene-d12	24.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	87
2	Benzo[a]pyrene	252	C20H12	000050-32-8	87
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	87
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072022\
Data File : BG054335.D
Acq On : 20 Jul 2022 20:13
Operator : CG/JU
Sample : N3776-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11966

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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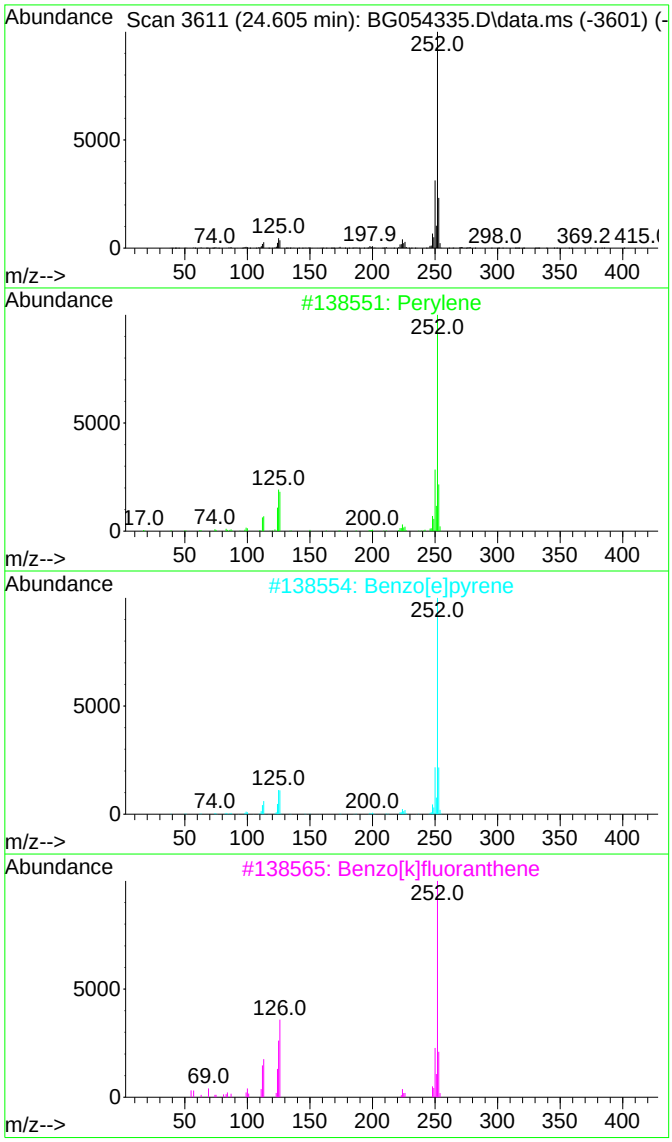
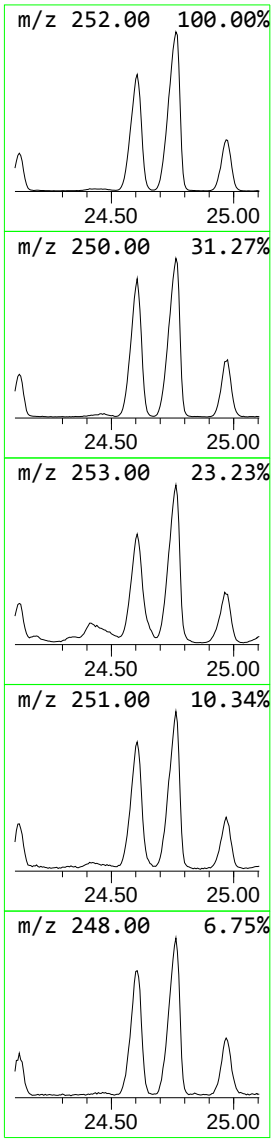
Peak Number 19 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.605	46.46 ng	3059070	Perylene-d12	24.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	95
2	Benzo[e]pyrene	252	C20H12	000192-97-2	91
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072022\
Data File : BG054335.D
Acq On : 20 Jul 2022 20:13
Operator : CG/JU
Sample : N3776-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11966

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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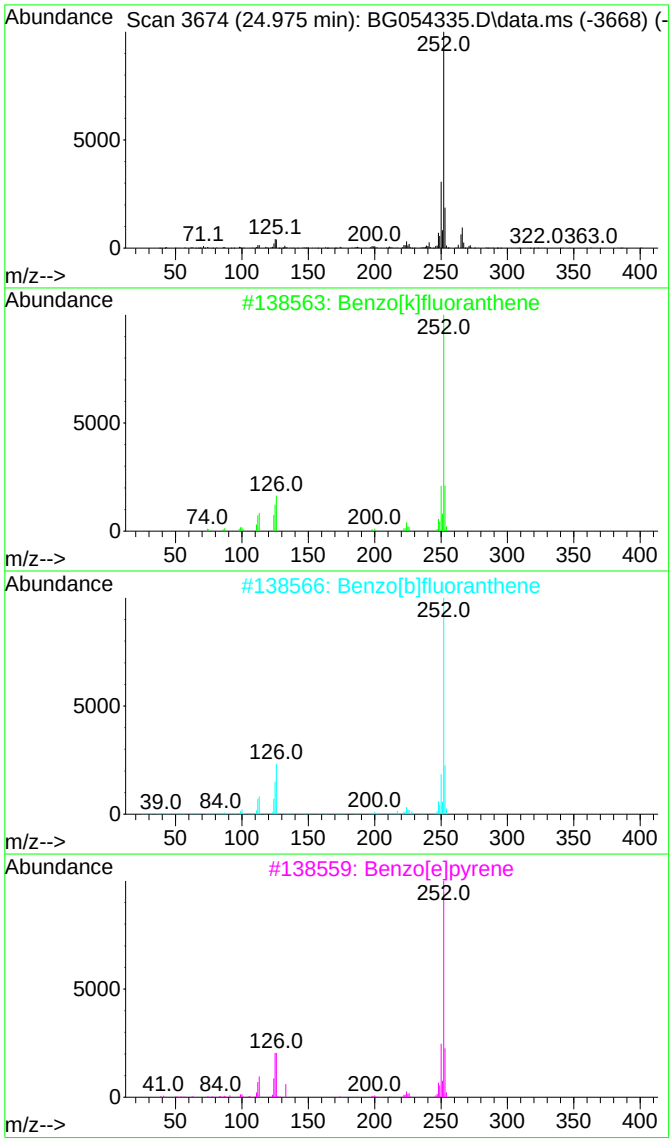
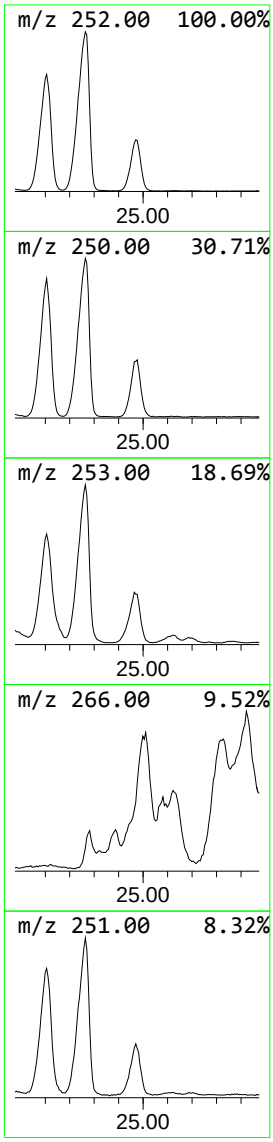
Peak Number 20 Benzo[j]fluoranthene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.975	20.00 ng	1316850	Perylene-d12	24.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	83
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	83
3	Benzo[e]pyrene	252	C20H12	000192-97-2	64
4	Perylene	252	C20H12	000198-55-0	64
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072022\
Data File : BG054335.D
Acq On : 20 Jul 2022 20:13
Operator : CG/JU
Sample : N3776-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11966

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
Dibenzothiophene	17.196	8.3	ng	143754	4	17.384	346445	20.0
(6-Chloro-2-met...	17.296	12.7	ng	220278	4	17.384	346445	20.0
unknown17.567	17.567	9.3	ng	160986	4	17.384	346445	20.0
2-Methyldibenzo...	17.960	7.3	ng	126566	4	17.384	346445	20.0
Anthracene, 9-m...	18.260	40.0	ng	693000	4	17.384	346445	20.0
Phenanthrene, 1...	18.307	32.3	ng	559598	4	17.384	346445	20.0
Phenanthrene, 2...	18.389	7.0	ng	122154	4	17.384	346445	20.0
4H-Cyclopenta[d...	18.454	51.7	ng	895401	4	17.384	346445	20.0
Phenanthrene, 4...	18.489	15.7	ng	271352	4	17.384	346445	20.0
Tricyclo[8.2.2....	18.753	19.8	ng	343736	4	17.384	346445	20.0
9,10-Anthracene...	18.800	31.9	ng	552467	4	17.384	346445	20.0
9,10-Dimethylan...	19.000	12.4	ng	214072	4	17.384	346445	20.0
Phenanthrene, 3...	19.053	7.5	ng	130060	4	17.384	346445	20.0
di-p-Tolylacety...	19.088	6.7	ng	115597	4	17.384	346445	20.0
Phenanthrene, 2...	19.176	46.4	ng	803123	4	17.384	346445	20.0
9-Octadecenoic ...	19.212	17.8	ng	308972	4	17.384	346445	20.0
Cyclopenta(def)...	19.323	19.8	ng	343070	4	17.384	346445	20.0
Benzo[e]pyrene	24.124	9.8	ng	643242	6	24.893	1316850	20.0
Perylene	24.605	46.5	ng	3059070	6	24.893	1316850	20.0
Benzo[j]fluoran...	24.975	20.0	ng	1316850	6	24.893	1316850	20.0