LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041224\
Data File : BG060884.D
Acq On : 12 Apr 2024 21:47
Operator : MA/JU
Sample : P2091-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-041124

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-BG032924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060884.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.543	428	435	445	rBV	339427	576424	5.86%	0.654%
2	7.118	695	703	712	rBV	366888	629041	6.39%	0.714%
3	7.952	838	845	854	rBV	254502	435823	4.43%	0.494%
4	9.104	1030	1041	1051	rBV	230220	414766	4.21%	0.470%
5	10.749	1313	1321	1325	rBV	323633	573019	5.82%	0.650%
6	10.802	1325	1330	1336	rVB	325813	568260	5.77%	0.645%
7	12.406	1594	1603	1611	rBV	325409	556115	5.65%	0.631%
8	12.623	1634	1640	1647	rVB	218770	362972	3.69%	0.412%
9	13.205	1732	1739	1745	rBV	571362	883544	8.98%	1.002%
10	13.416	1766	1775	1780	rBV2	79112	129868	1.32%	0.147%
11	13.616	1803	1809	1821	rVB	58608	121031	1.23%	0.137%
12	13.745	1821	1831	1832	rBV	117739	163414	1.66%	0.185%
13	13.904	1850	1858	1863	rBV	178050	317990	3.23%	0.361%
14	13.957	1863	1867	1874	rVB2	120892	187084	1.90%	0.212%
15	14.139	1891	1898	1902	rBV	89149	145847	1.48%	0.165%
16	14.304	1919	1926	1937	rBV	94664	204611	2.08%	0.232%
17	14.586	1964	1974	1979	rBV2	493110	899574	9.14%	1.020%
18	14.644	1979	1984	1992	rVB	758505	1181223	12.00%	1.340%
19	14.797	2003	2010	2018	rBV3	49767	130787	1.33%	0.148%
20	14.979	2035	2041	2048	rVV	596305	941774	9.57%	1.068%
21	15.062	2050	2055	2061	rVB	69133	105310	1.07%	0.119%
22	15.203	2071	2079	2084	rBV4	61248	129248	1.31%	0.147%
23	15.379	2101	2109	2118	rBV5	54145	173620	1.76%	0.197%
24	15.631	2145	2152	2163	rVB	1196521	1812363	18.41%	2.056%
25	15.755	2170	2173	2176	rVV	97600	152751	1.55%	0.173%
26	15.796	2176	2180	2185	rVV3	152023	244046	2.48%	0.277%
27	15.878	2191	2194	2198	rVV2	82132	135093	1.37%	0.153%
28	15.925	2198	2202	2212	rVB	203293	330829	3.36%	0.375%
29	16.072	2219	2227	2235	rVV2	683512	1230863	12.50%	1.396%
30	16.160	2235	2242	2251	rVB3	49193	116286	1.18%	0.132%
31	16.307	2262	2267	2276	rVB7	57555	121712	1.24%	0.138%
32	16.636	2312	2323	2328	rBV2	194742	420493	4.27%	0.477%
33	16.683	2328	2331	2336	rVB2	81417	118688	1.21%	0.135%
34	16.789	2344	2349	2353	rVB3	95805	159025	1.62%	0.180%
35	16.989	2379	2383	2390	rVB4	50997	103878	1.06%	0.118%
36	17.065	2391	2396	2403	rVV2	104993	233320	2.37%	0.265%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041224\
Data File : BG060884.D
Acq On : 12 Apr 2024 21:47
Operator : MA/JU
Sample : P2091-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-041124

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-BG032924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.147	2405	2410	2421	rVB	352507	587668	5.97%	0.667%
38	17.335	2436	2442	2444	rBV	574127	887216	9.01%	1.006%
39	17.382	2444	2450	2456	rVV	4999351	8493998	86.28%	9.635%
40	17.471	2456	2465	2470	rVV	2239785	3415344	34.69%	3.874%
41	17.523	2470	2474	2479	rVB3	91122	148662	1.51%	0.169%
42	17.729	2499	2509	2514	rBV	399246	694606	7.06%	0.788%
43	17.852	2526	2530	2535	rBV3	102983	145809	1.48%	0.165%
44	17.911	2537	2540	2550	rVV3	79948	138975	1.41%	0.158%
45	18.017	2554	2558	2562	rVV	274998	336108	3.41%	0.381%
46	18.211	2586	2591	2594	rBV	562753	834359	8.48%	0.946%
47	18.258	2595	2599	2606	rVB	803863	1304814	13.25%	1.480%
48	18.340	2607	2613	2618	rBV	402894	637719	6.48%	0.723%
49	18.405	2618	2624	2628	rVV2	1109466	1957160	19.88%	2.220%
50	18.440	2628	2630	2636	rVB	378591	460183	4.67%	0.522%
51	18.710	2671	2676	2680	rBV	464491	635245	6.45%	0.721%
52	18.957	2714	2718	2722	rVB	119680	143495	1.46%	0.163%
53	19.004	2723	2726	2730	rVV	121902	162481	1.65%	0.184%
54	19.045	2730	2733	2737	rVB	106230	133819	1.36%	0.152%
55	19.127	2742	2747	2749	rBV	271618	466663	4.74%	0.529%
56	19.157	2749	2752	2755	rVV	859263	1002362	10.18%	1.137%
57	19.192	2755	2758	2762	rVB2	649941	782349	7.95%	0.887%
58	19.268	2767	2771	2777	rBV3	143251	292835	2.97%	0.332%
59	19.321	2777	2780	2785	rVB2	139431	178831	1.82%	0.203%
60	19.398	2785	2793	2799	rBV	5586899	9386890	95.36%	10.648%
61	19.633	2829	2833	2837	rVB	200618	265349	2.70%	0.301%
62	19.762	2844	2855	2862	rBV2	4645823	9844139	100.00%	11.166%
63	19.821	2862	2865	2872	rVB2	272540	459150	4.66%	0.521%
64	19.956	2884	2888	2891	rVB	912148	1180371	11.99%	1.339%
65	19.991	2891	2894	2898	rVB	200059	277898	2.82%	0.315%
66	20.085	2902	2910	2914	rBV3	366554	1005738	10.22%	1.141%
67	20.208	2928	2931	2933	rBV2	201210	275887	2.80%	0.313%
68	20.250	2933	2938	2943	rVB	1246847	1815498	18.44%	2.059%
69	20.349	2950	2955	2959	rBV	1282812	1750406	17.78%	1.986%
70	20.402	2959	2964	2968	rVV2	528362	948772	9.64%	1.076%
71	20.443	2968	2971	2975	rVB	162177	218731	2.22%	0.248%
72	20.543	2984	2988	2991	rBV	228372	310203	3.15%	0.352%
73	20.590	2992	2996	2999	rVV	256893	381057	3.87%	0.432%
74	20.837	3036	3038	3041	rBV3	106435	122513	1.24%	0.139%
75	20.961	3055	3059	3063	rBV3	191036	362675	3.68%	0.411%
76	21.184	3093	3097	3101	rBV	371990	550365	5.59%	0.624%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041224\
Data File : BG060884.D
Acq On : 12 Apr 2024 21:47
Operator : MA/JU
Sample : P2091-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-041124

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-BG032924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	21.225	3101	3104	3108	rVB	383008	493924	5.02%	0.560%
78	21.272	3108	3112	3118	rBV2	410543	724957	7.36%	0.822%
79	21.589	3159	3166	3172	rBV3	2943926	6292000	63.92%	7.137%
80	21.654	3172	3177	3189	rVB	2412578	4439851	45.10%	5.036%
81	21.795	3197	3201	3208	rBV	608924	1033594	10.50%	1.172%
82	21.995	3231	3235	3244	rVB2	289387	615301	6.25%	0.698%
83	23.769	3528	3537	3544	rBV2	1103656	4178200	42.44%	4.739%
84	24.609	3673	3680	3696	rVB	799170	2373737	24.11%	2.693%

Sum of corrected areas: 88158599

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041224\
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Operator : MA/JU
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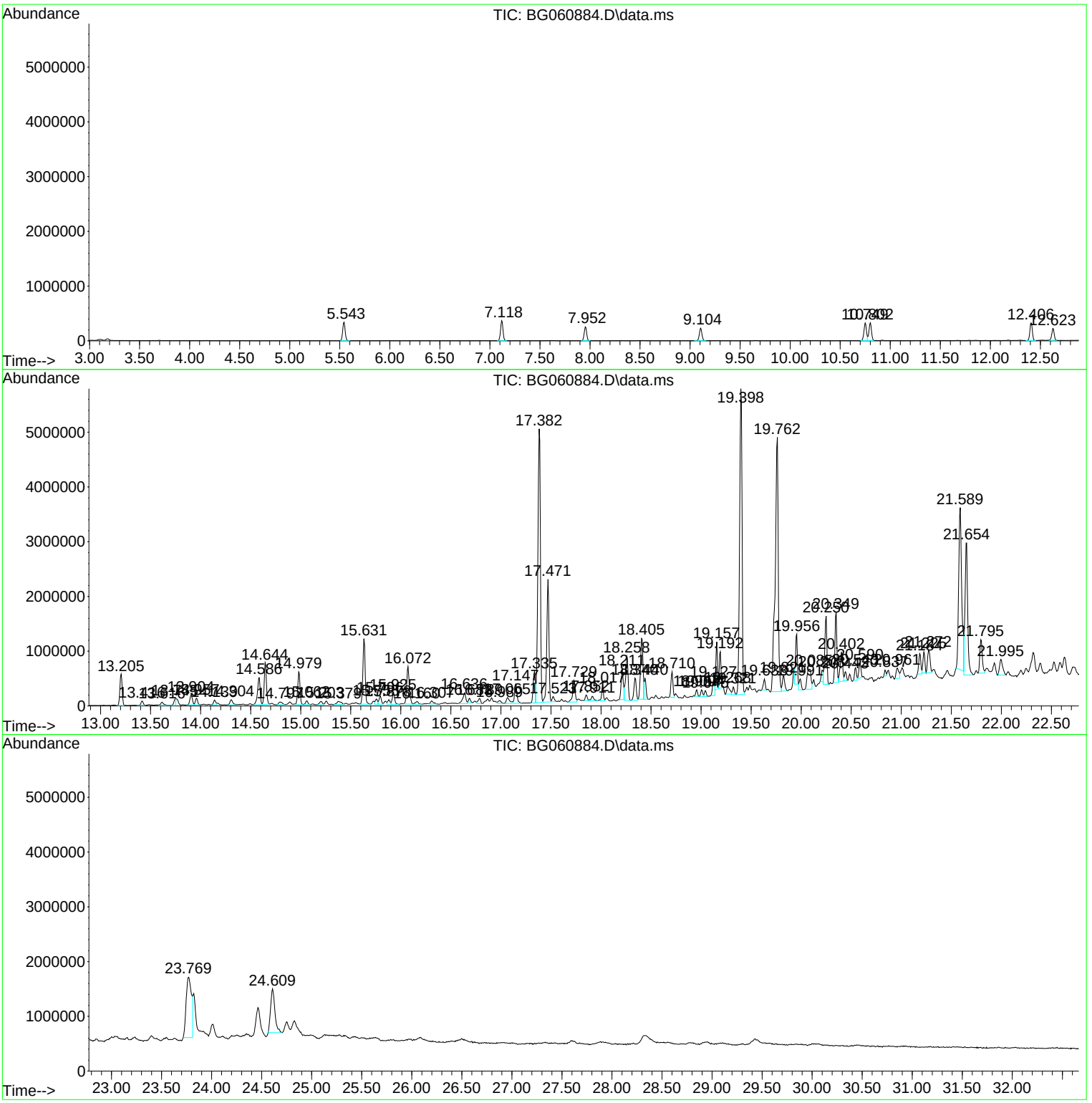
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-041124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.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\BG041224\
Data File : BG060884.D
Acq On : 12 Apr 2024 21:47
Operator : MA/JU
Sample : P2091-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-041124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

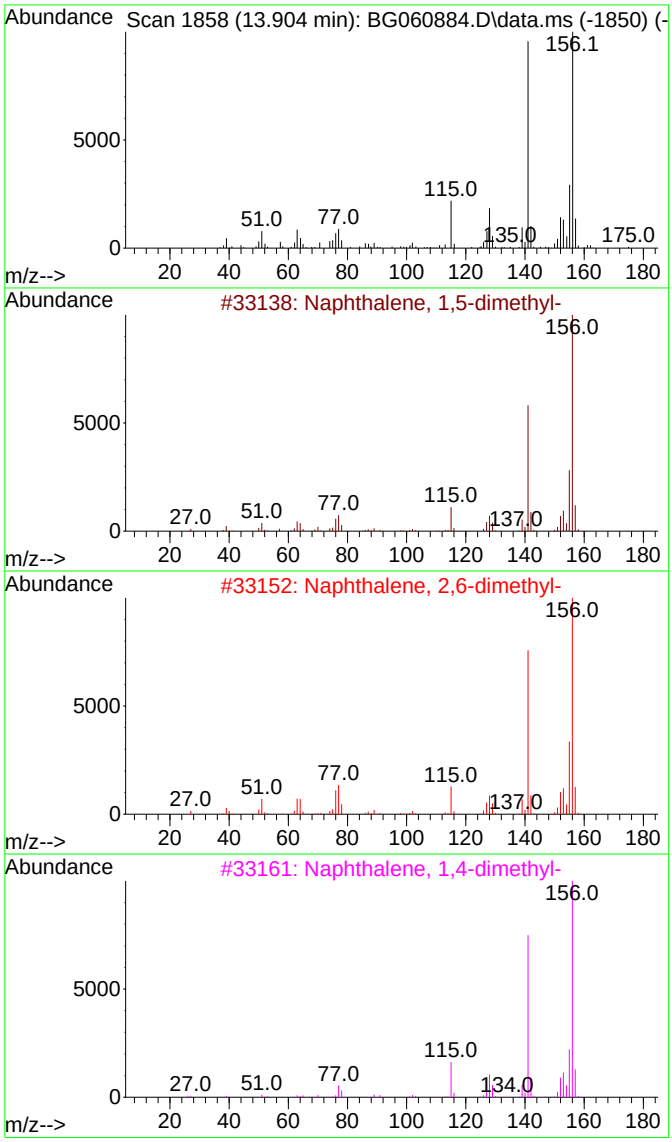
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

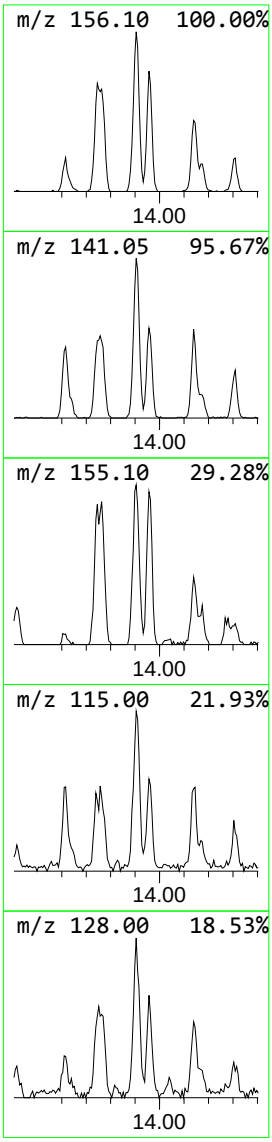
****

Peak Number 1 Naphthalene, 1,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	7.07 ng	317990	Acenaphthene-d10	14.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041224\
Data File : BG060884.D
Acq On : 12 Apr 2024 21:47
Operator : MA/JU
Sample : P2091-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-041124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

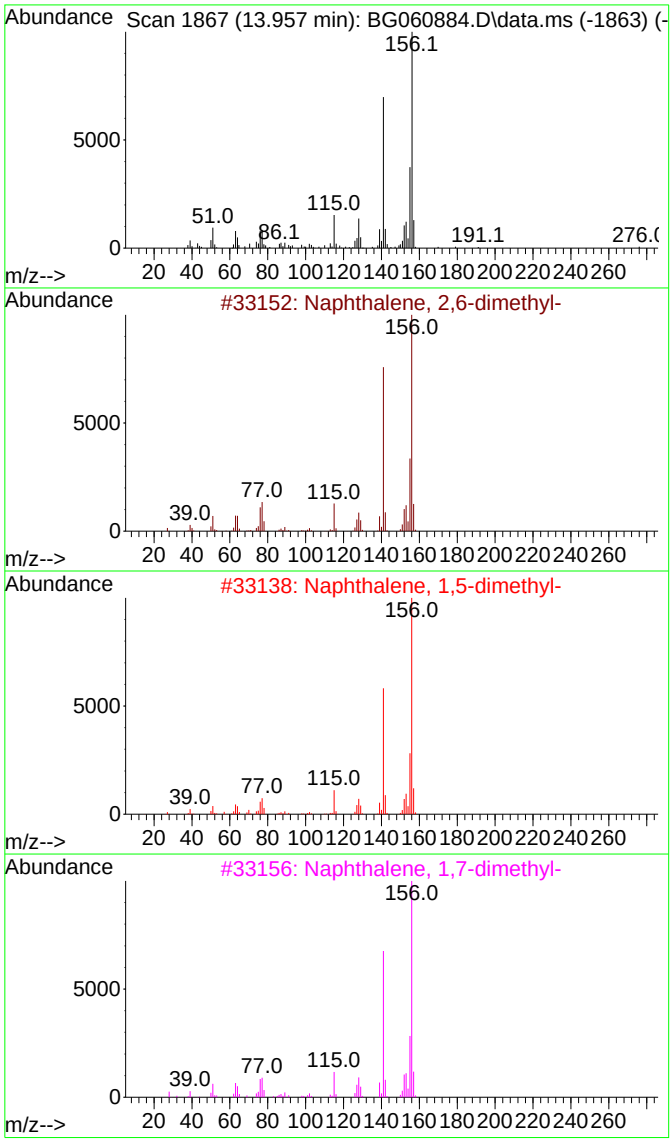
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

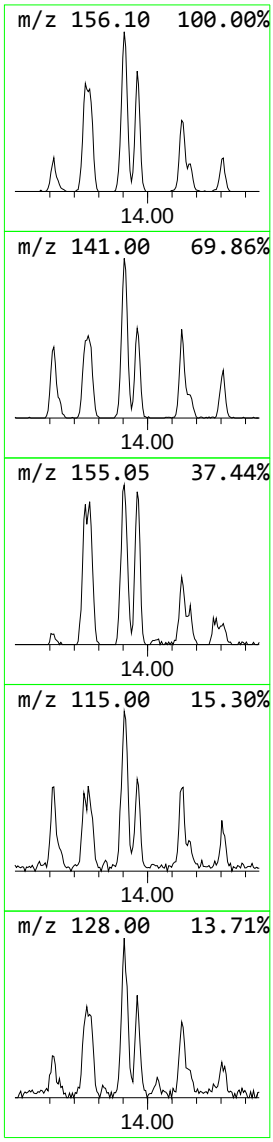
****

Peak Number 2 Naphthalene, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.957	4.16 ng	187084	Acenaphthene-d10	14.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041224\
Data File : BG060884.D
Acq On : 12 Apr 2024 21:47
Operator : MA/JU
Sample : P2091-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-041124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

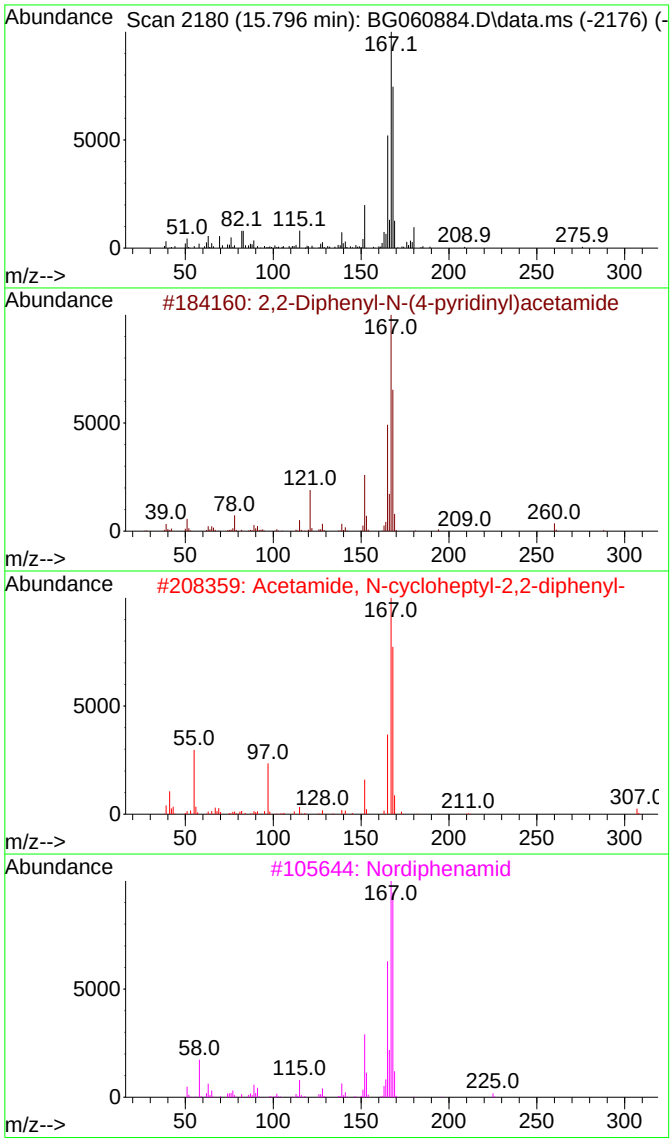
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

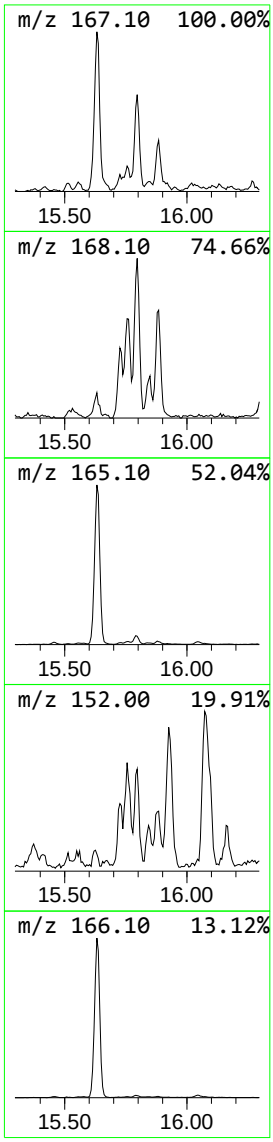
****

Peak Number 3 2,2-Diphenyl-N-(4-pyridinyl... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.796	5.43 ng	244046	Acenaphthene-d10	14.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Diphenyl-N-(4-pyridinyl)acet...	288	C19H16N2O	073110-31-3	86
2	Acetamide, N-cycloheptyl-2,2-dip...	307	C21H25NO	351062-01-6	72
3	Nordiphenamid	225	C15H15NO	000954-21-2	64
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	53
5	Diphenylmethane	168	C13H12	000101-81-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041224\
Data File : BG060884.D
Acq On : 12 Apr 2024 21:47
Operator : MA/JU
Sample : P2091-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-041124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

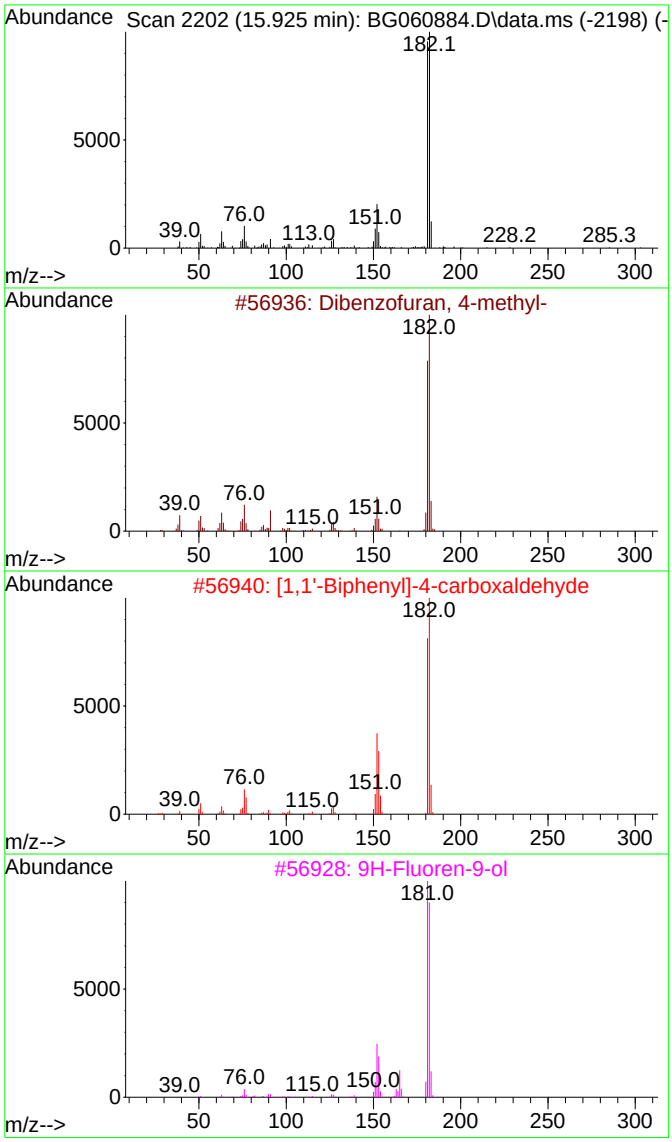
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

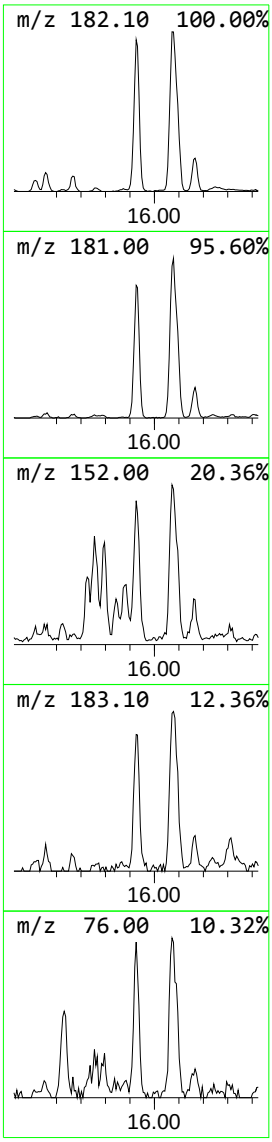
****

Peak Number 4 Dibenzofuran, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.925	7.36 ng	330829	Acenaphthene-d10	14.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
5	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041224\
Data File : BG060884.D
Acq On : 12 Apr 2024 21:47
Operator : MA/JU
Sample : P2091-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-041124

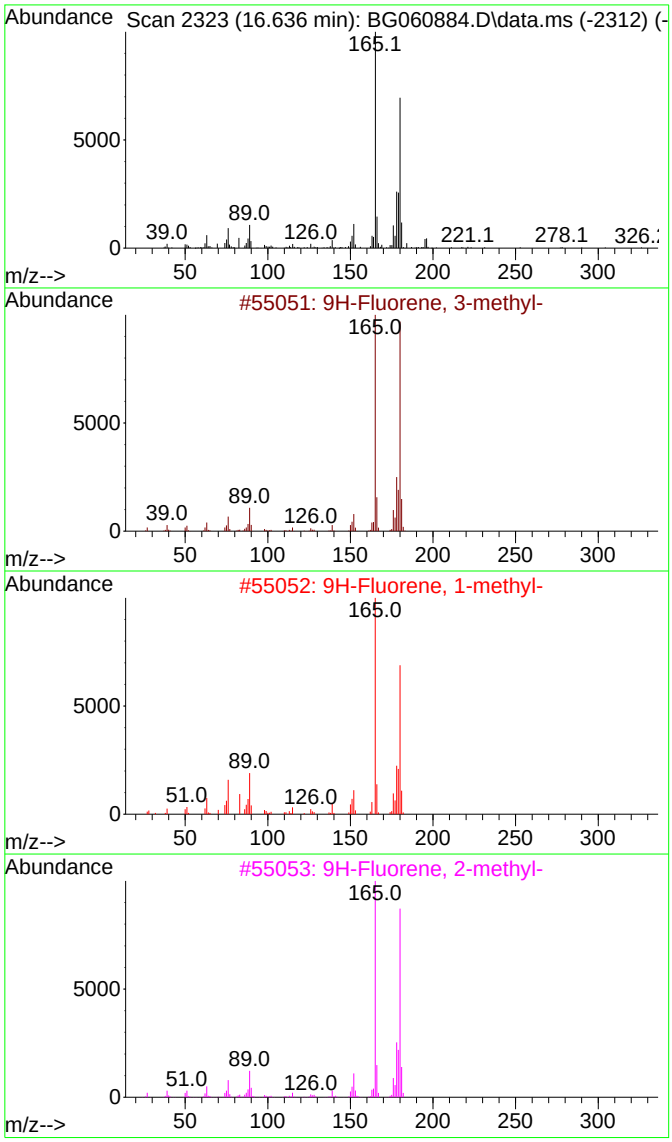
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

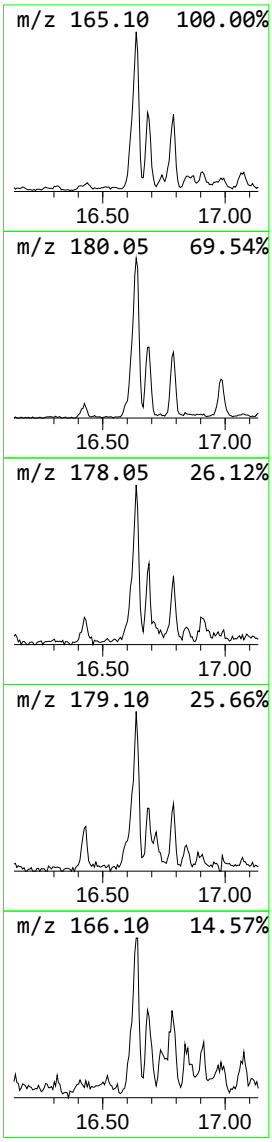
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 9H-Fluorene, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.636	9.48 ng	420493	Phenanthrene-d10	17.335

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	95
5	(E)-Stilbene	180	C14H12	000103-30-0	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041224\
Data File : BG060884.D
Acq On : 12 Apr 2024 21:47
Operator : MA/JU
Sample : P2091-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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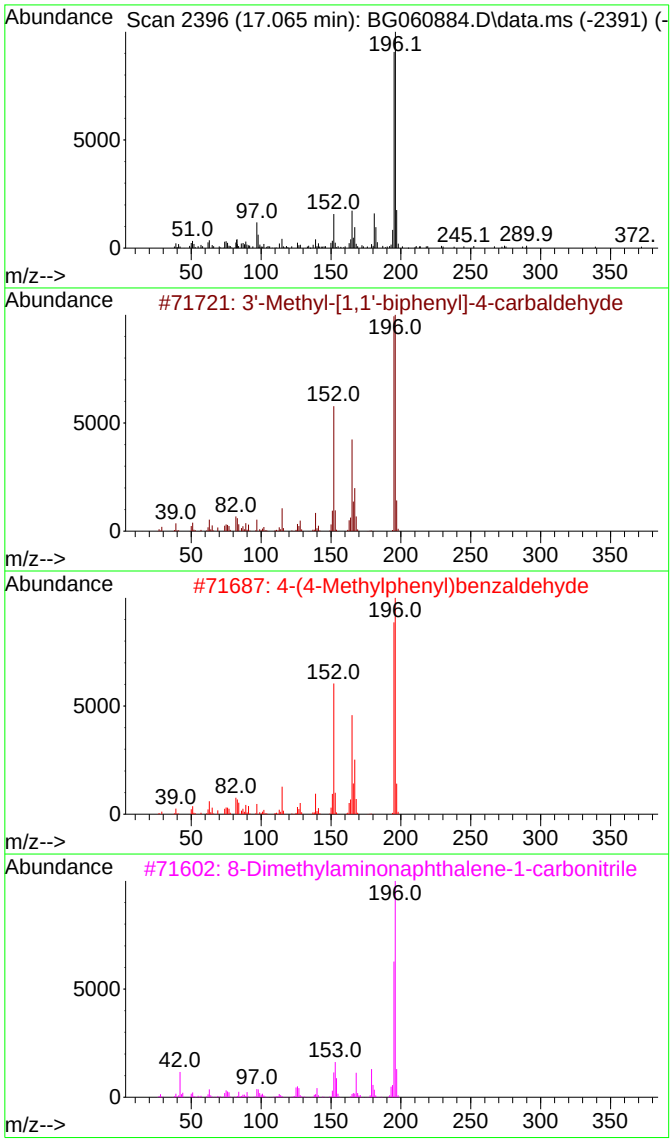
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

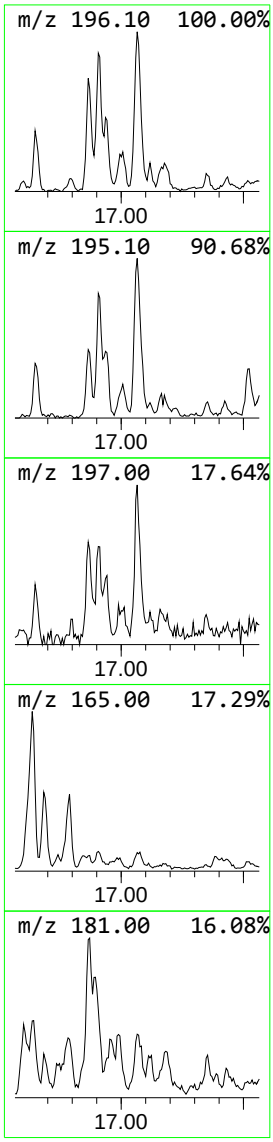
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 3'-Methyl-[1,1'-biphenyl]-4... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.065	5.26 ng	233320	Phenanthrene-d10	17.335

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	93
2	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	91
3	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	72
4	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	64
5	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	62





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Acq On : 12 Apr 2024 21:47
Operator : MA/JU
Sample : P2091-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-041124

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

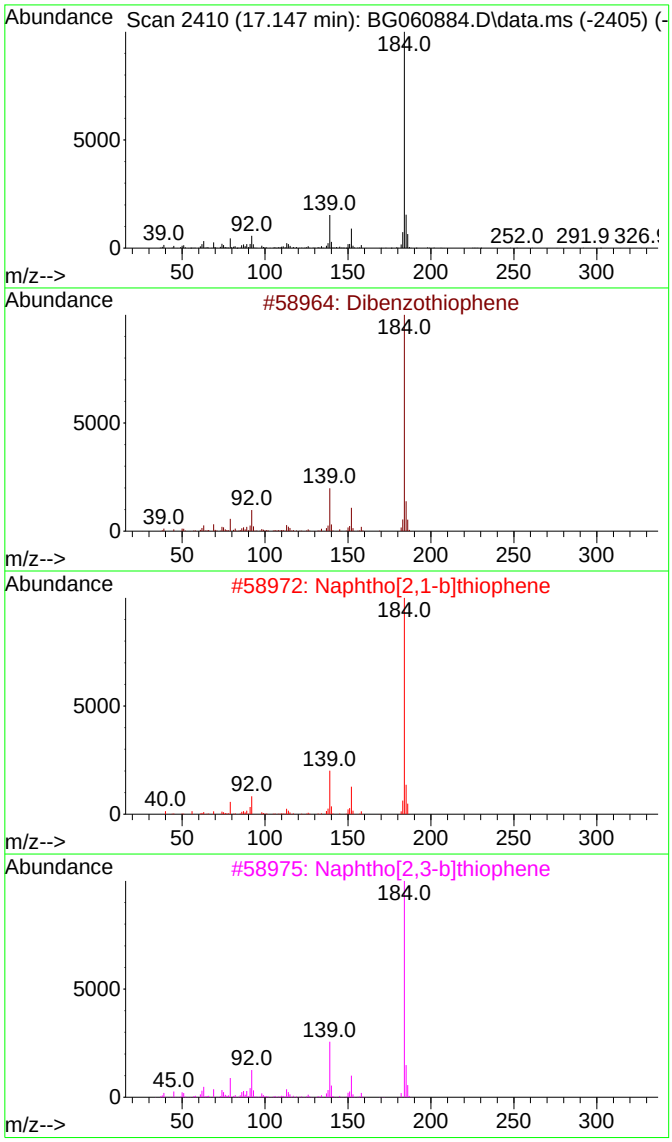
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

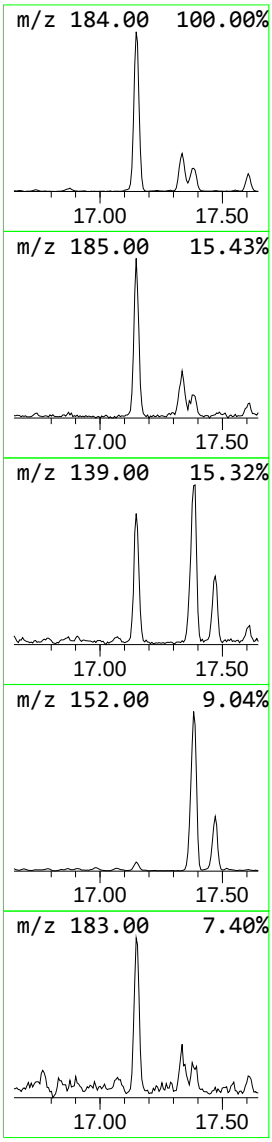
****

Peak Number 7 Dibenzothiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.147	13.25 ng	587668	Phenanthrene-d10	17.335

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Sample : P2091-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-02-041124

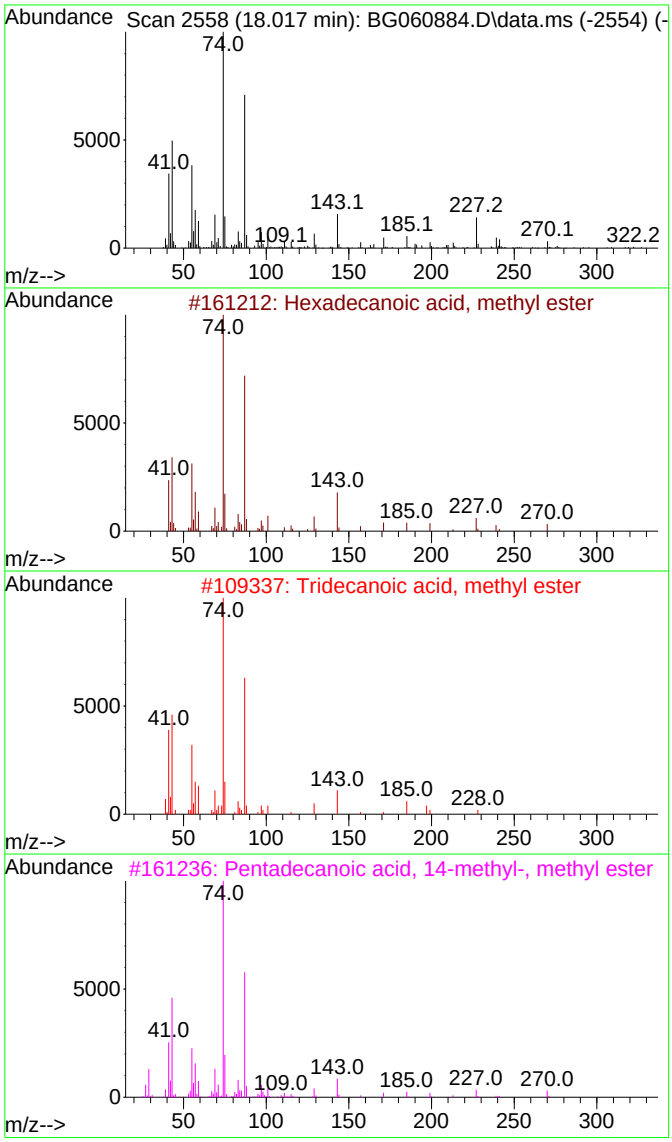
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

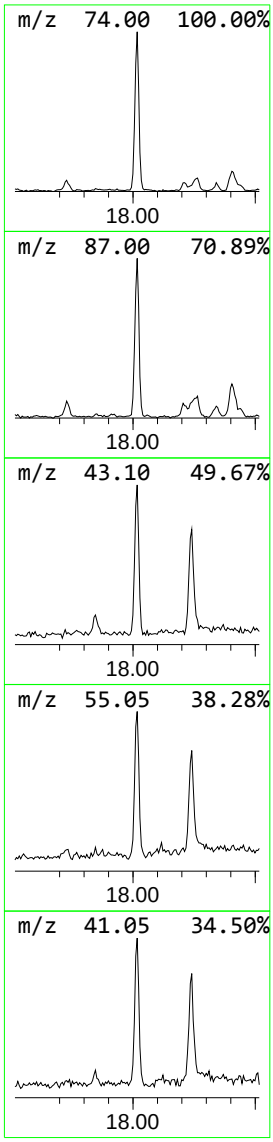
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Hexadecanoic acid, methyl e... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.017	7.58 ng	336108	Phenanthrene-d10	17.335

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	96
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	81
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	80





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Operator : MA/JU
Sample : P2091-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-02-041124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

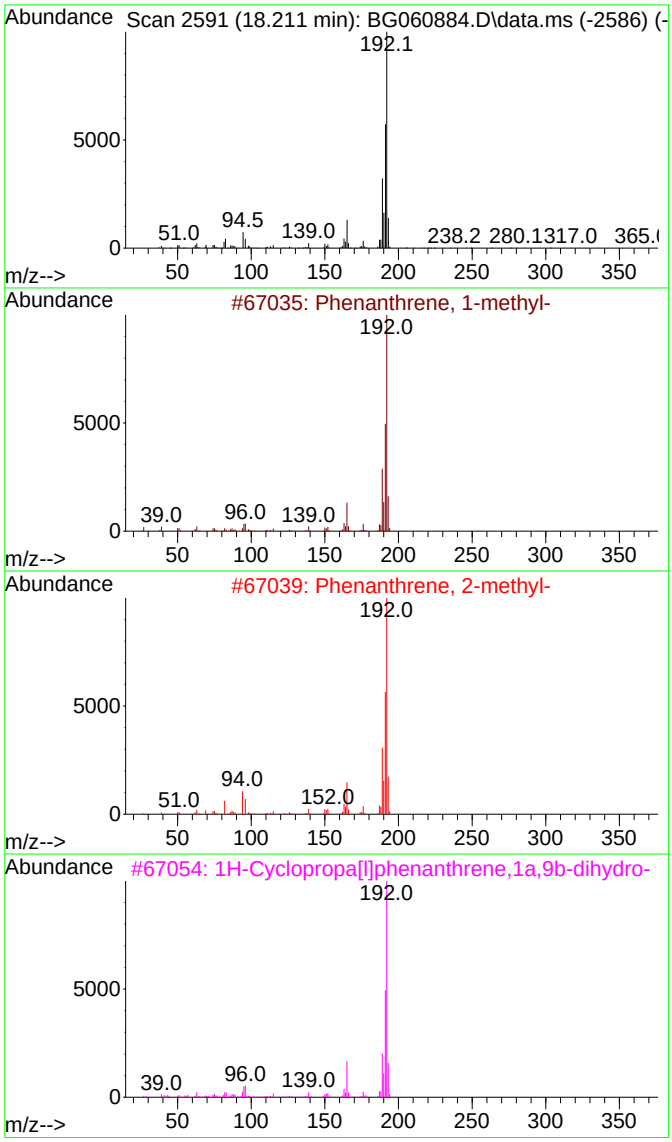
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

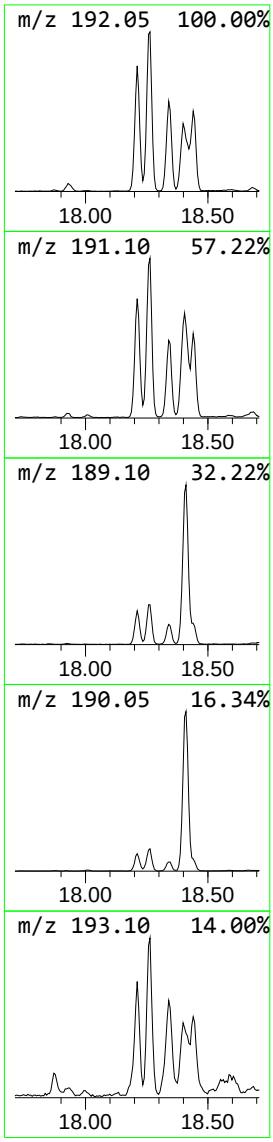
****

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.211	18.81 ng	834359	Phenanthrene-d10	17.335

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Acq On : 12 Apr 2024 21:47
Operator : MA/JU
Sample : P2091-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-041124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

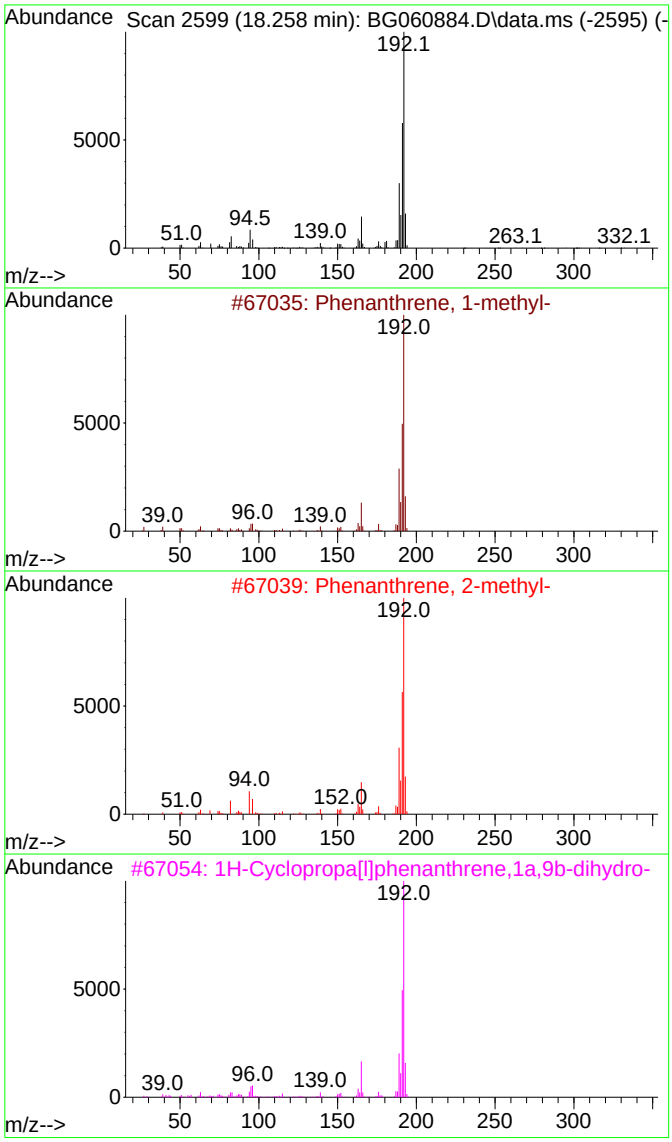
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

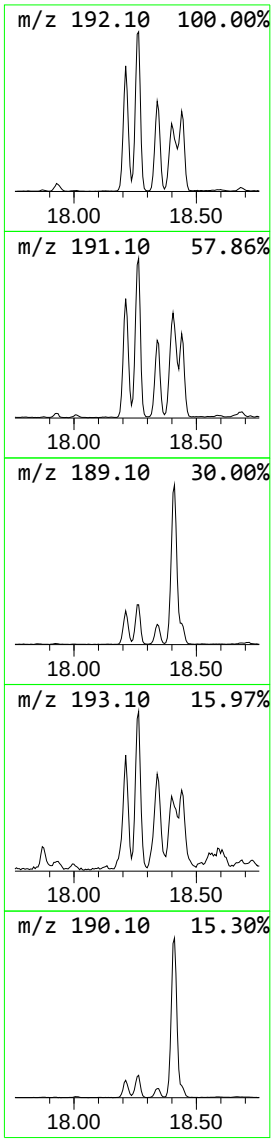
****

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.258	29.41 ng	1304810	Phenanthrene-d10	17.335

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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Sample : P2091-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-02-041124

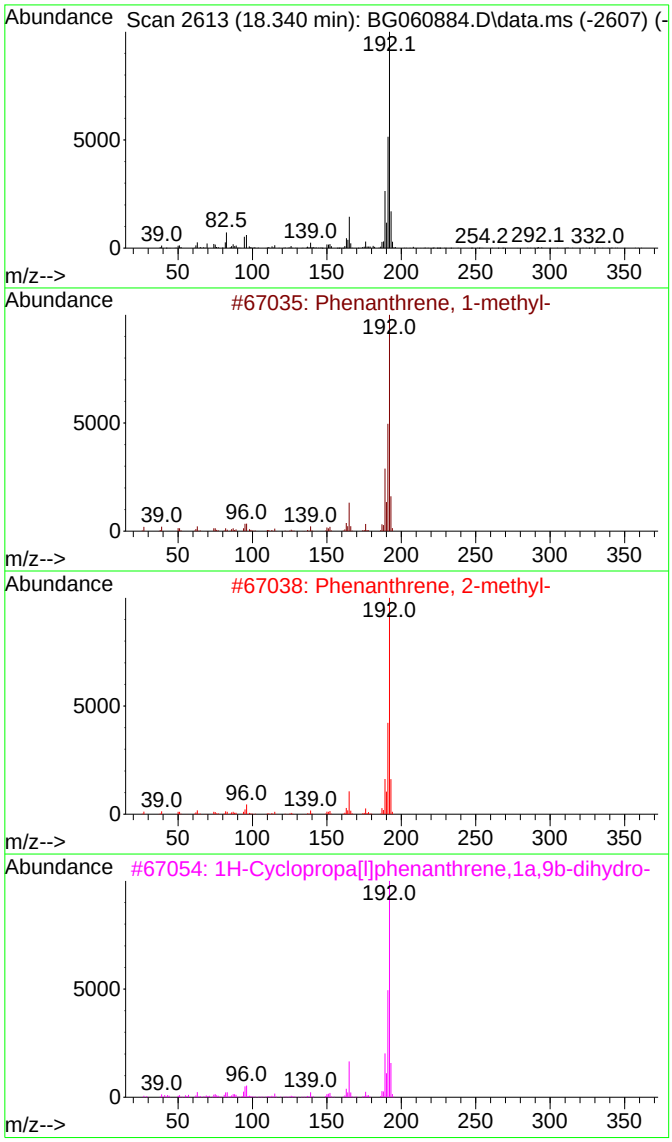
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

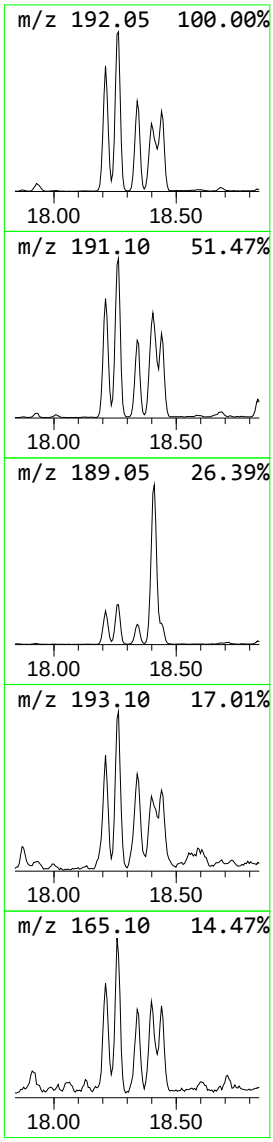
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.340	14.38 ng	637719	Phenanthrene-d10	17.335

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	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96





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Sample : P2091-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-02-041124

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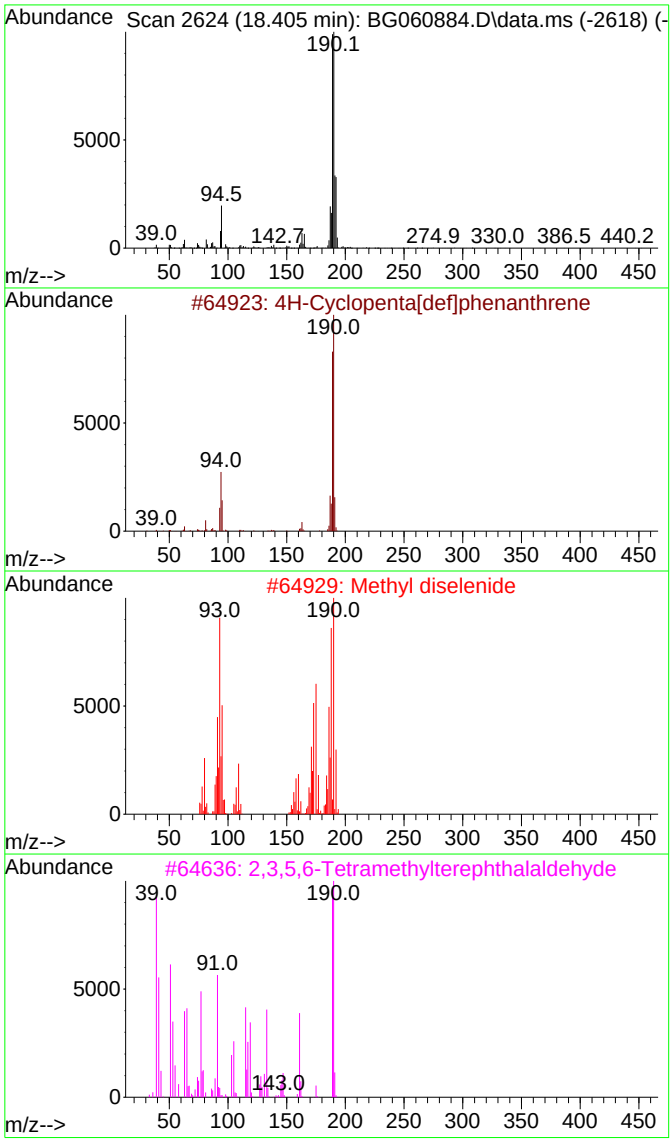
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

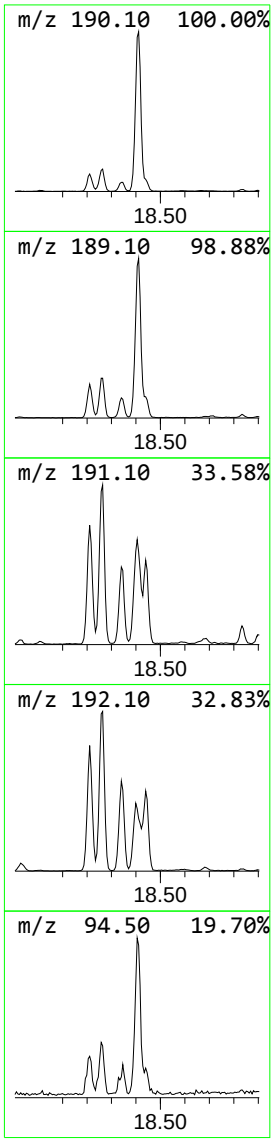
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.405	44.12 ng	1957160	Phenanthrene-d10	17.335

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	Methyl diselenide	190	C2H6Se2	007101-31-7	55
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





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Operator : MA/JU
Sample : P2091-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

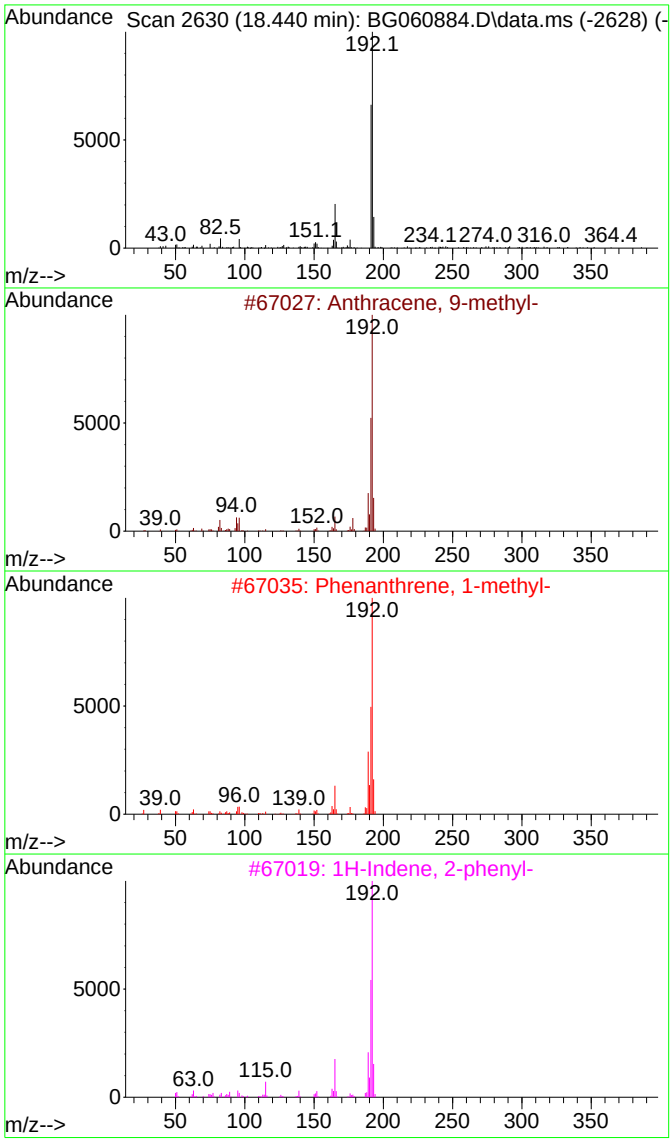
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

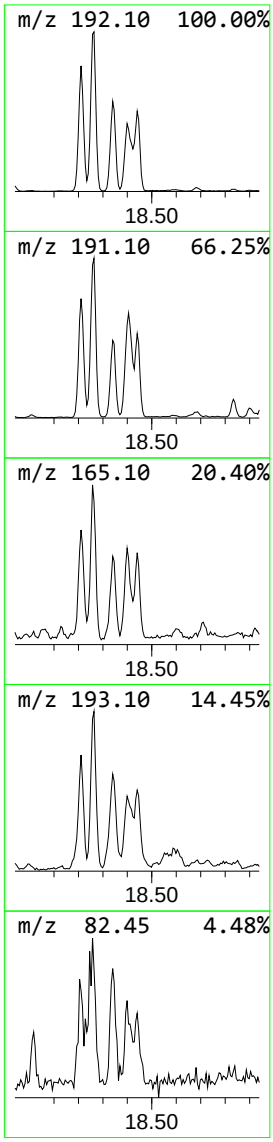
****

Peak Number 13 Anthracene, 9-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.440	10.37 ng	460183	Phenanthrene-d10	17.335

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	86
4	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	86
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	80





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Sample : P2091-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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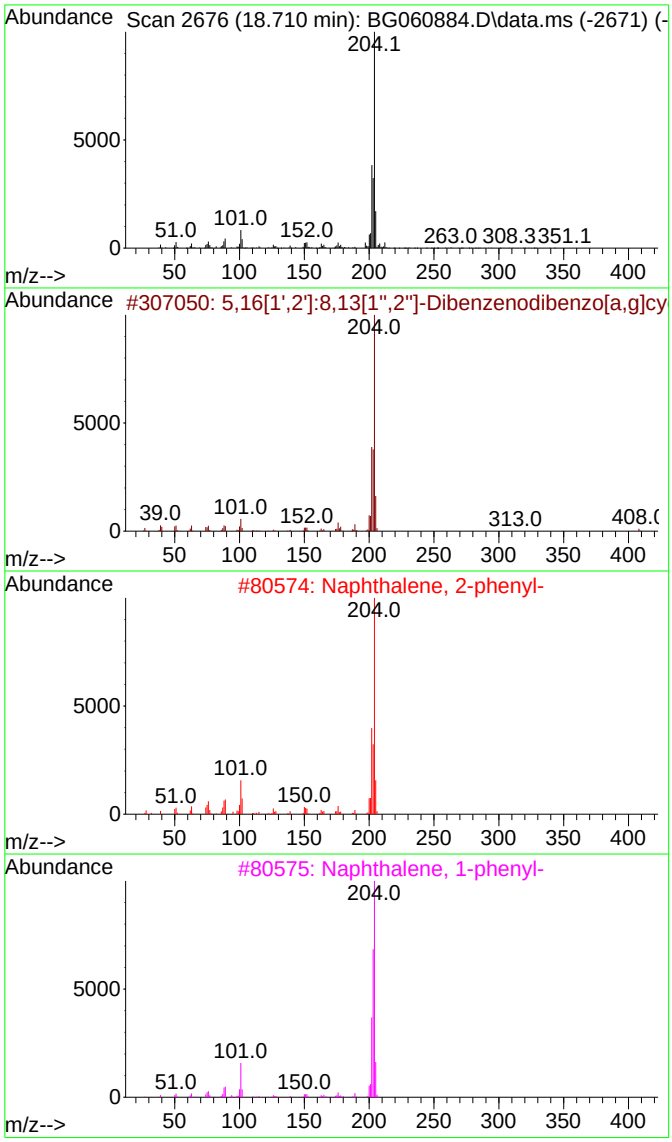
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

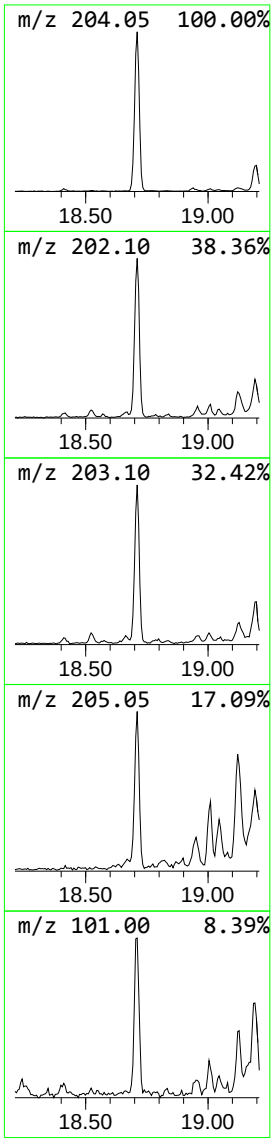
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.710	14.32 ng	635245	Phenanthrene-d10	17.335

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	47





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Sample : P2091-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-02-041124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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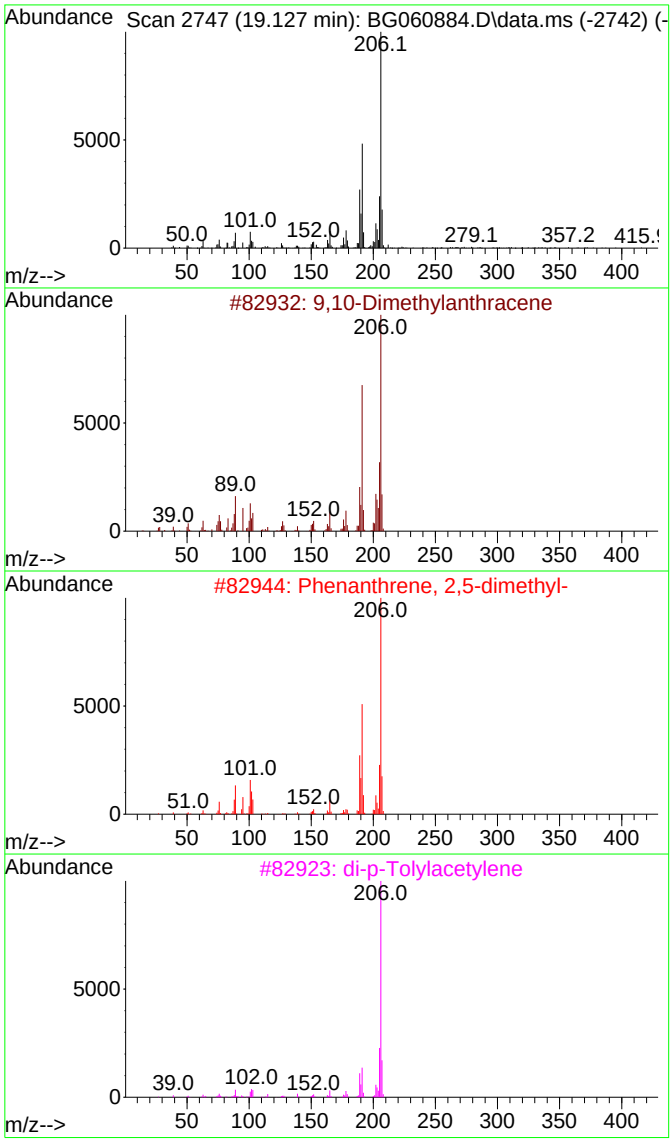
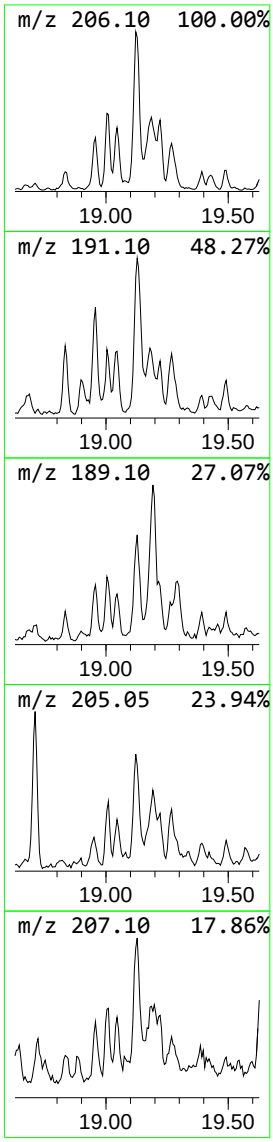
Peak Number 15 9,10-Dimethylanthracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.127	10.52 ng	466663	Phenanthrene-d10	17.335

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	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





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ALS Vial : 14 Sample Multiplier: 1

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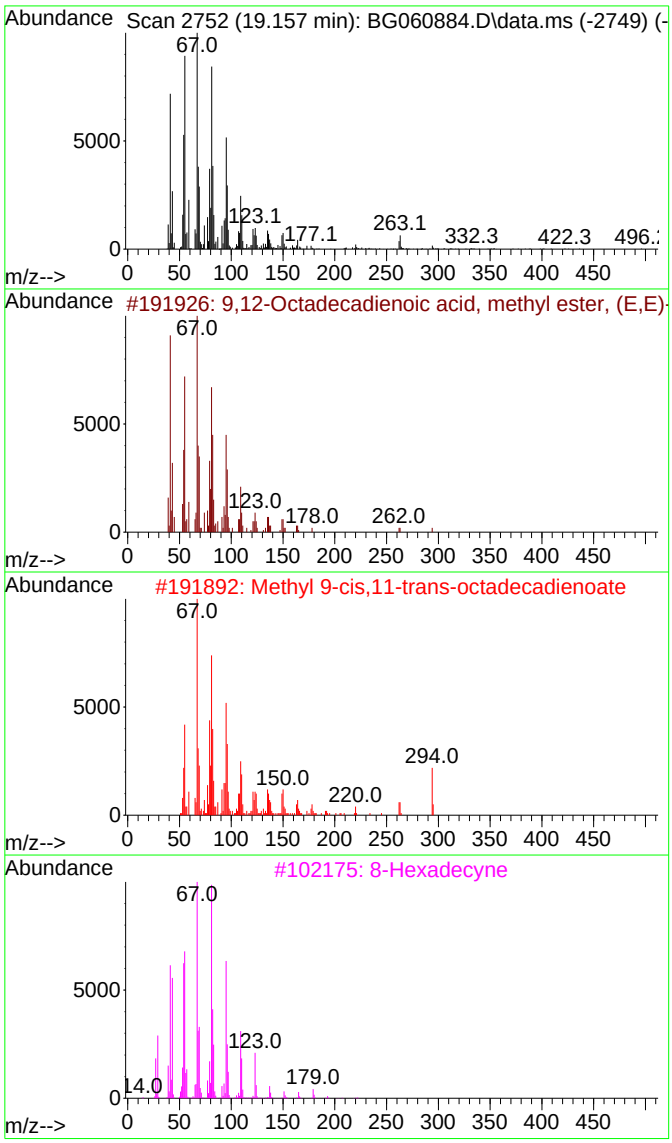
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

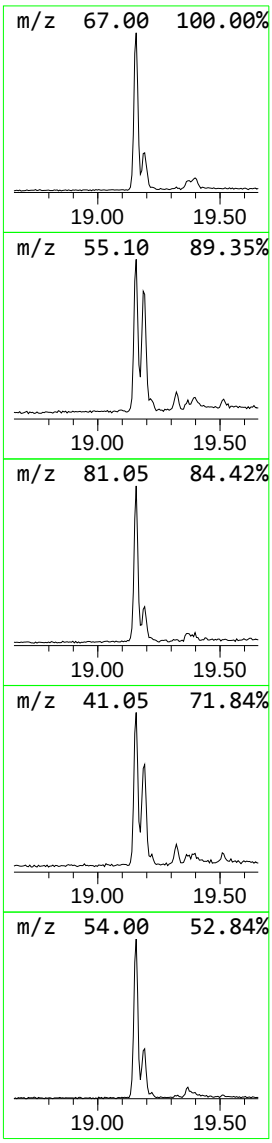
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 9,12-Octadecadienoic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.157	22.60 ng	1002360	Phenanthrene-d10	17.335

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	98
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	93
3	8-Hexadecyne	222	C16H30	019781-86-3	90
4	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	90
5	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	90





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Operator : MA/JU
Sample : P2091-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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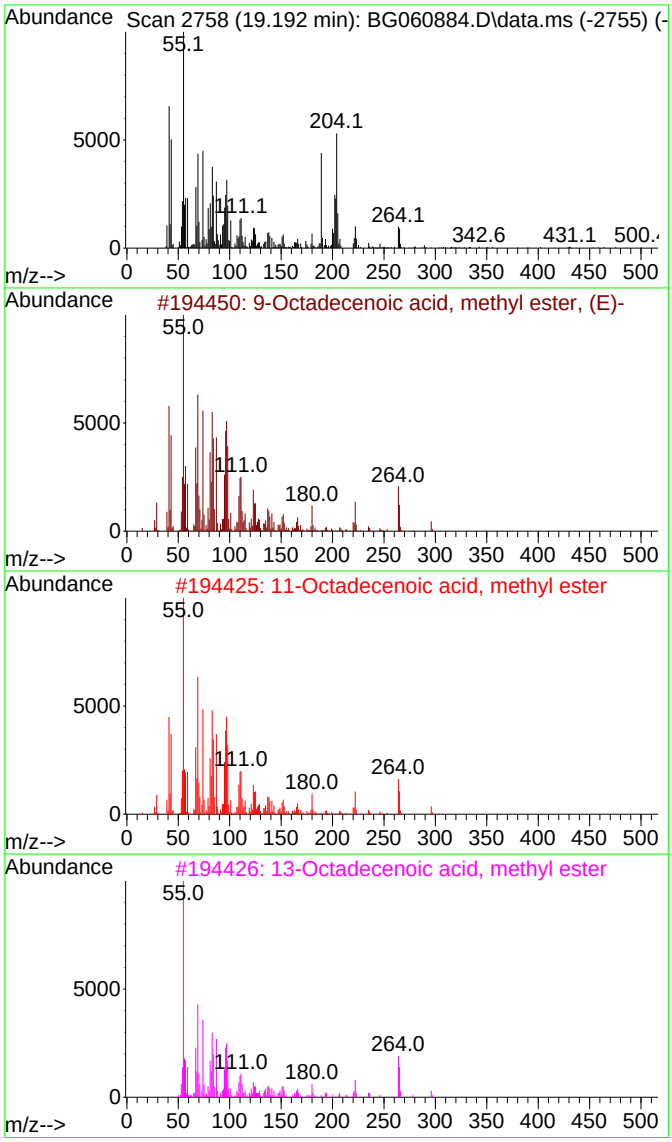
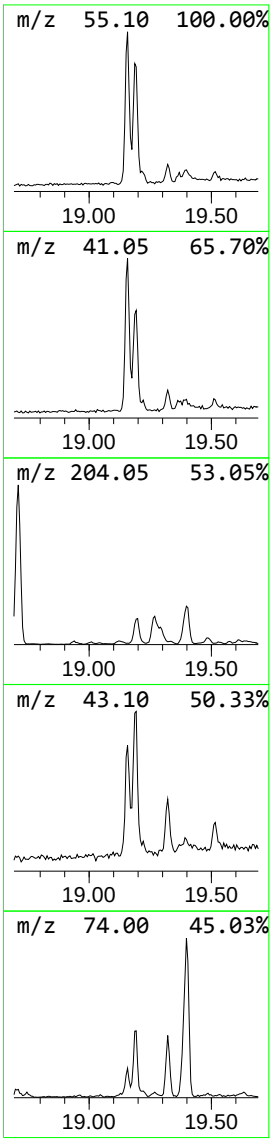
Peak Number 17 unknown19.192 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.192	17.64 ng	782349	Phenanthrene-d10	17.335

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	42
2	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	42
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	42
4	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1010333-58-3	42
5	8-Octadecenoic acid, methyl este...	296	C19H36O2	026528-50-7	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041224\
Data File : BG060884.D
Acq On : 12 Apr 2024 21:47
Operator : MA/JU
Sample : P2091-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-041124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.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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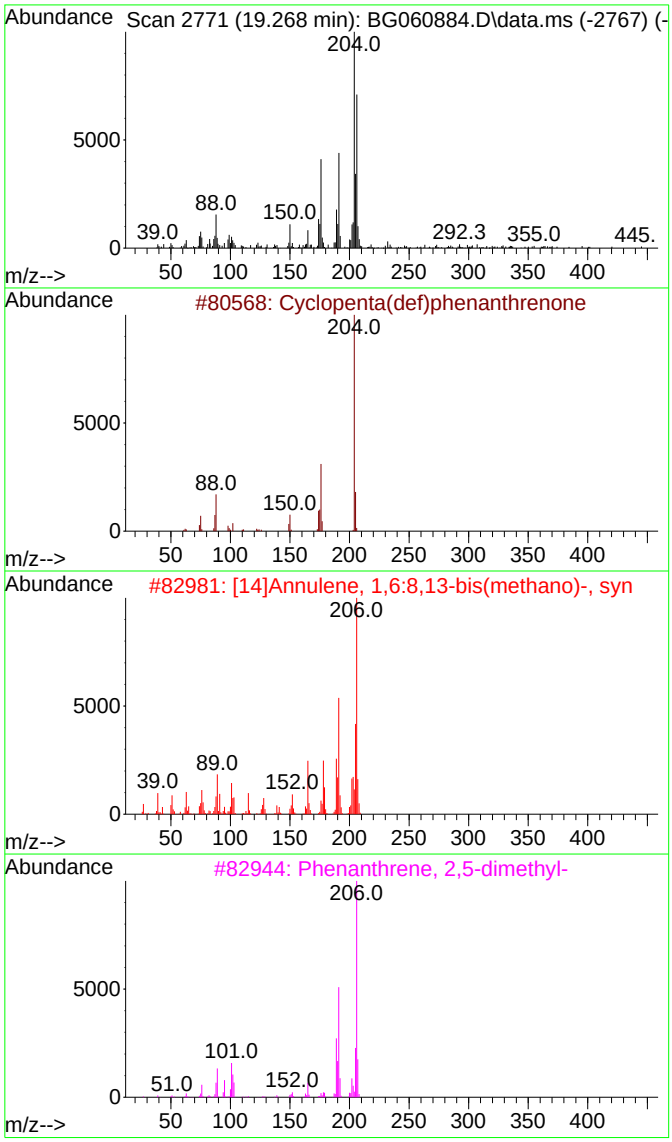
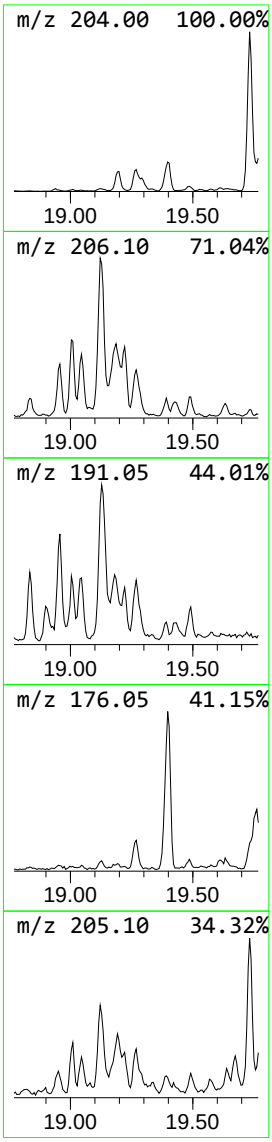
Peak Number 18 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.268	6.60 ng	292835	Phenanthrene-d10	17.335

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	64
2	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	42
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	42
4	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	42
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041224\
Data File : BG060884.D
Acq On : 12 Apr 2024 21:47
Operator : MA/JU
Sample : P2091-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-041124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

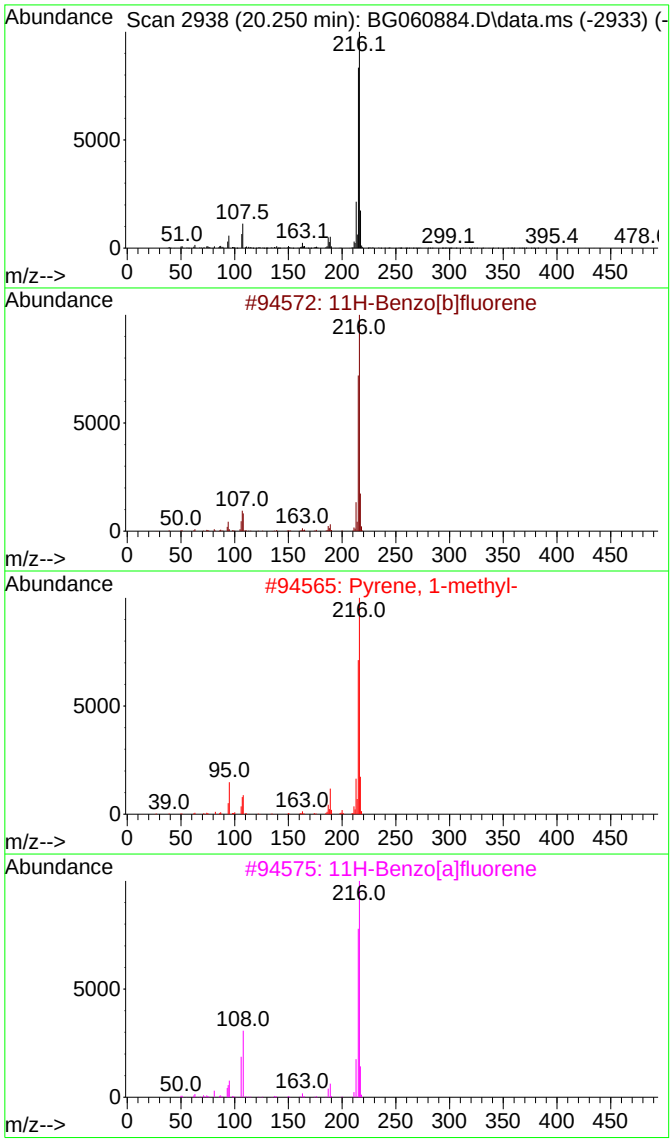
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

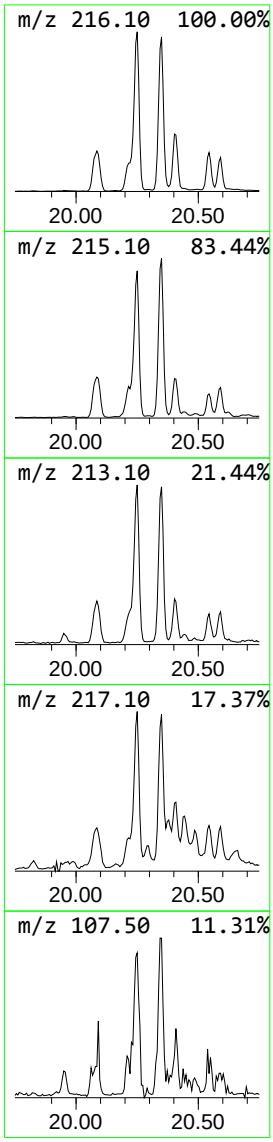
****

Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.250	5.77 ng	1815500	Chrysene-d12	21.607

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041224\
Data File : BG060884.D
Acq On : 12 Apr 2024 21:47
Operator : MA/JU
Sample : P2091-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-041124

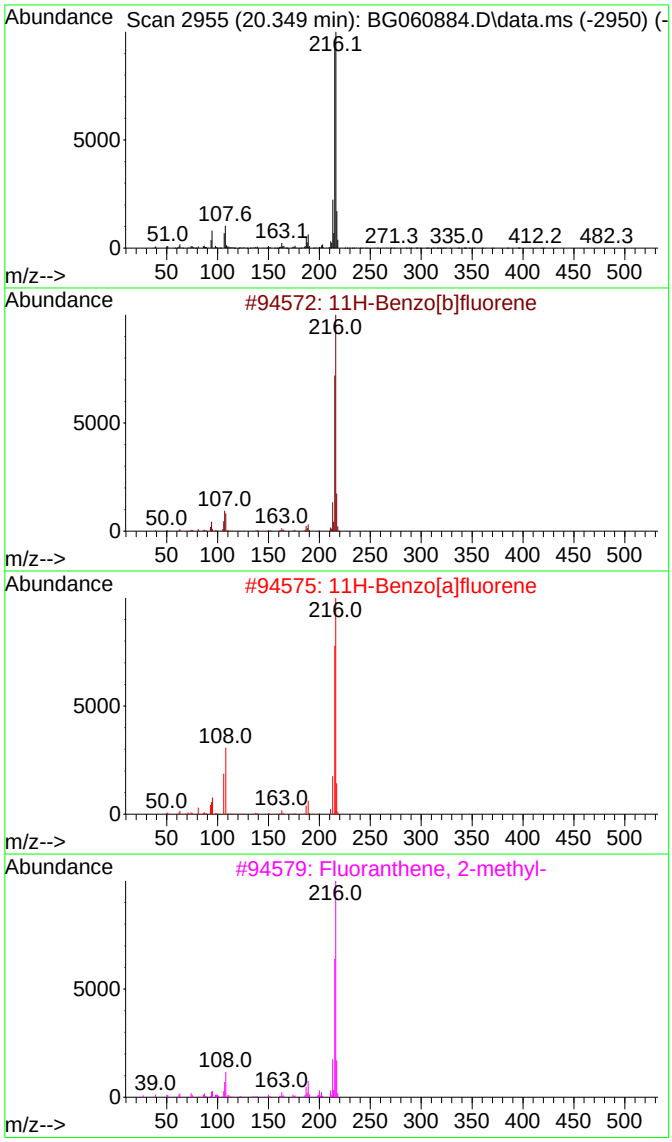
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

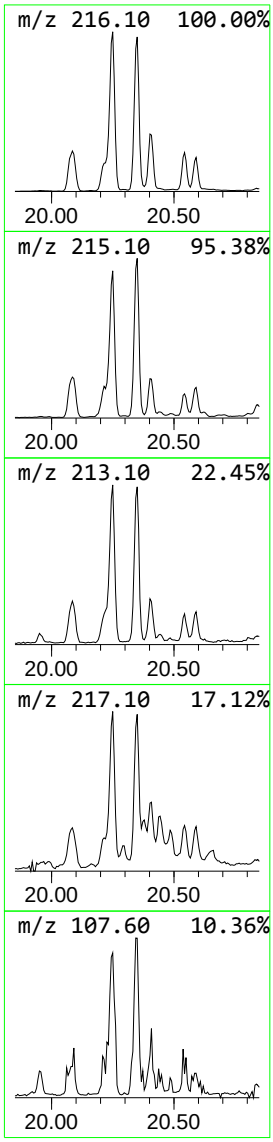
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 11H-Benzo[a]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.349	5.56 ng	1750410	Chrysene-d12	21.607

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041224\
Data File : BG060884.D
Acq On : 12 Apr 2024 21:47
Operator : MA/JU
Sample : P2091-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-041124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.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,...	13.904	7.1	ng	317990	3	14.586	899574	20.0
Naphthalene, 2,...	13.957	4.2	ng	187084	3	14.586	899574	20.0
2,2-Diphenyl-N-...	15.796	5.4	ng	244046	3	14.586	899574	20.0
Dibenzofuran, 4...	15.925	7.4	ng	330829	3	14.586	899574	20.0
9H-Fluorene, 3-...	16.636	9.5	ng	420493	4	17.335	887216	20.0
3'-Methyl-[1,1'...	17.065	5.3	ng	233320	4	17.335	887216	20.0
Dibenzothiophene	17.147	13.3	ng	587668	4	17.335	887216	20.0
Hexadecanoic ac...	18.017	7.6	ng	336108	4	17.335	887216	20.0
Phenanthrene, 1...	18.211	18.8	ng	834359	4	17.335	887216	20.0
Phenanthrene, 2...	18.258	29.4	ng	1304810	4	17.335	887216	20.0
1H-Cyclopropa[l...	18.340	14.4	ng	637719	4	17.335	887216	20.0
4H-Cyclopenta[d...	18.405	44.1	ng	1957160	4	17.335	887216	20.0
Anthracene, 9-m...	18.440	10.4	ng	460183	4	17.335	887216	20.0
5,16[1',2']:8,1...	18.710	14.3	ng	635245	4	17.335	887216	20.0
9,10-Dimethylan...	19.127	10.5	ng	466663	4	17.335	887216	20.0
9,12-Octadecadi...	19.157	22.6	ng	1002360	4	17.335	887216	20.0
unknown19.192	19.192	17.6	ng	782349	4	17.335	887216	20.0
Cyclopenta(def)...	19.268	6.6	ng	292835	4	17.335	887216	20.0
11H-Benzo[b]flu...	20.250	5.8	ng	1815500	5	21.607	6292000	20.0
11H-Benzo[a]flu...	20.349	5.6	ng	1750410	5	21.607	6292000	20.0