LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082724\
Data File : BM047370.D
Acq On : 27 Aug 2024 19:19
Operator : RC/JU
Sample : P3735-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-11

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_M\Methods\8270-BM082624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM047370.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.258	59	63	76	rBV	131658	233211	1.74%	0.146%
2	4.563	278	285	292	rBV	121994	184932	1.38%	0.116%
3	5.010	355	361	375	rVB	2005144	3096357	23.10%	1.938%
4	6.575	620	627	640	rBV	2063814	3421411	25.53%	2.142%
5	6.981	691	696	708	rBV3	68887	213005	1.59%	0.133%
6	7.351	751	759	769	rBV	841670	1300726	9.71%	0.814%
7	7.875	842	848	862	rBV	137274	303804	2.27%	0.190%
8	8.498	947	954	963	rBV	1352021	2264331	16.89%	1.418%
9	10.104	1218	1227	1232	rBV	1101244	1853453	13.83%	1.160%
10	10.157	1232	1236	1244	rVB	527612	858135	6.40%	0.537%
11	10.869	1349	1357	1366	rBV	159073	324322	2.42%	0.203%
12	11.780	1503	1512	1520	rBV	701347	1121957	8.37%	0.702%
13	12.010	1540	1551	1563	rVB	759216	1320457	9.85%	0.827%
14	12.616	1647	1654	1664	rBV	3776918	5526508	41.23%	3.460%
15	12.833	1685	1691	1698	rVB	196344	305457	2.28%	0.191%
16	13.027	1720	1724	1727	rBV	104664	163674	1.22%	0.102%
17	13.180	1742	1750	1757	rBV2	332447	867800	6.47%	0.543%
18	13.327	1768	1775	1780	rBV	676739	1201987	8.97%	0.752%
19	13.380	1780	1784	1793	rVB	369332	605783	4.52%	0.379%
20	13.569	1810	1816	1819	rBV	333069	507273	3.78%	0.318%
21	13.598	1819	1821	1827	rVB	116744	145904	1.09%	0.091%
22	13.733	1832	1844	1858	rBV	730994	1325446	9.89%	0.830%
23	14.016	1882	1892	1898	rBV	1813188	2843388	21.22%	1.780%
24	14.074	1898	1902	1906	rBV	385049	565670	4.22%	0.354%
25	14.245	1923	1931	1933	rBV3	522655	872083	6.51%	0.546%
26	14.322	1939	1944	1950	rVB4	82221	146693	1.09%	0.092%
27	14.421	1950	1961	1969	rVV2	570558	1040136	7.76%	0.651%
28	14.504	1969	1975	1980	rVB	281318	410983	3.07%	0.257%
29	14.645	1992	1999	2004	rBV2	235306	444077	3.31%	0.278%
30	14.704	2004	2009	2013	rVB	193378	264989	1.98%	0.166%
31	14.821	2021	2029	2032	rBV	160276	341749	2.55%	0.214%
32	14.898	2039	2042	2050	rVB2	93475	139899	1.04%	0.088%
33	14.986	2050	2057	2059	rBV3	106467	212465	1.59%	0.133%
34	15.080	2066	2073	2078	rBV	1601818	2360591	17.61%	1.478%
35	15.204	2091	2094	2097	rVV	132499	157196	1.17%	0.098%
36	15.239	2097	2100	2104	rVB3	139951	157529	1.18%	0.099%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082724\
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Sample : P3735-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-11

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_M\Methods\8270-BM082624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.374	2118	2123	2128	rBV	339631	514409	3.84%	0.322%
38	15.527	2139	2149	2157	rBV	3650131	5251779	39.18%	3.288%
39	15.610	2158	2163	2170	rVB3	120239	238104	1.78%	0.149%
40	15.768	2185	2190	2202	rVB3	184970	350840	2.62%	0.220%
41	16.092	2237	2245	2249	rBV2	458515	965651	7.20%	0.605%
42	16.139	2249	2253	2258	rVB	305225	420376	3.14%	0.263%
43	16.239	2265	2270	2275	rVB	259558	381451	2.85%	0.239%
44	16.321	2281	2284	2287	rBV	121038	153352	1.14%	0.096%
45	16.363	2287	2291	2294	rVB3	166338	223410	1.67%	0.140%
46	16.445	2301	2305	2312	rVB2	333471	531278	3.96%	0.333%
47	16.521	2313	2318	2324	rVV2	188241	343875	2.57%	0.215%
48	16.598	2324	2331	2341	rVB	1136305	1775175	13.25%	1.111%
49	16.780	2357	2362	2365	rBV	2056369	2944058	21.97%	1.843%
50	16.827	2365	2370	2376	rVV	9788101	13402588	100.00%	8.391%
51	16.915	2376	2385	2391	rVV	2442543	3361121	25.08%	2.104%
52	16.980	2391	2396	2402	rVV2	275631	481442	3.59%	0.301%
53	17.057	2407	2409	2414	rVB2	113107	144599	1.08%	0.091%
54	17.198	2429	2433	2437	rVB	726678	926772	6.91%	0.580%
55	17.310	2448	2452	2456	rBV	358907	474604	3.54%	0.297%
56	17.362	2457	2461	2470	rVB2	764605	1212783	9.05%	0.759%
57	17.510	2480	2486	2492	rVB	480144	953450	7.11%	0.597%
58	17.586	2495	2499	2502	rBV3	136433	217157	1.62%	0.136%
59	17.662	2506	2512	2516	rVV	1947948	3057526	22.81%	1.914%
60	17.710	2516	2520	2529	rVV	2674371	4069886	30.37%	2.548%
61	17.792	2529	2534	2539	rVV	760999	1201544	8.97%	0.752%
62	17.851	2539	2544	2548	rVV2	2406348	4118823	30.73%	2.579%
63	17.892	2548	2551	2560	rVB	1232963	1738699	12.97%	1.088%
64	17.980	2562	2566	2568	rBV2	147615	211349	1.58%	0.132%
65	18.062	2576	2580	2584	rBV	272725	361898	2.70%	0.227%
66	18.168	2594	2598	2602	rBV	1056733	1404885	10.48%	0.880%
67	18.221	2604	2607	2612	rVB2	349440	447988	3.34%	0.280%
68	18.392	2633	2636	2639	rBV	190232	293908	2.19%	0.184%
69	18.421	2639	2641	2646	rVV2	279973	404639	3.02%	0.253%
70	18.474	2646	2650	2653	rVV	479560	649549	4.85%	0.407%
71	18.515	2654	2657	2661	rVB	356909	465213	3.47%	0.291%
72	18.598	2666	2671	2675	rBV	929096	1470352	10.97%	0.920%
73	18.657	2676	2681	2685	rVV2	473691	864099	6.45%	0.541%
74	18.692	2685	2687	2690	rVB	302269	302562	2.26%	0.189%
75	18.745	2691	2696	2702	rBV3	429879	1085589	8.10%	0.680%
76	18.868	2711	2717	2722	rBV	7370076	10391156	77.53%	6.505%

LSC Area Percent Report

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Acq On : 27 Aug 2024 19:19
Operator : RC/JU
Sample : P3735-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-11

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_M\Methods\8270-BM082624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	18.939	2726	2729	2731	rVB2	235342	264912	1.98%	0.166%
78	19.015	2739	2742	2747	rVB	479252	608791	4.54%	0.381%
79	19.109	2754	2758	2762	rBV	438993	572248	4.27%	0.358%
80	19.233	2769	2779	2788	rBV	6784007	11198082	83.55%	7.010%
81	19.309	2788	2792	2799	rVB2	381037	736130	5.49%	0.461%
82	19.415	2807	2810	2812	rBV	356581	443215	3.31%	0.277%
83	19.451	2812	2816	2820	rVB	4906159	5851285	43.66%	3.663%
84	19.568	2830	2836	2842	rBV2	697837	1579248	11.78%	0.989%
85	19.656	2848	2851	2854	rBV2	205233	249178	1.86%	0.156%
86	19.704	2855	2859	2861	rVV3	619315	1011571	7.55%	0.633%
87	19.739	2861	2865	2870	rVB	1646980	2264574	16.90%	1.418%
88	19.839	2878	2882	2886	rVB	1321817	1509351	11.26%	0.945%
89	19.898	2887	2892	2897	rVV2	912219	1382323	10.31%	0.865%
90	20.033	2912	2915	2919	rVB	626263	778634	5.81%	0.487%
91	20.080	2920	2923	2928	rVB	636329	789709	5.89%	0.494%
92	20.498	2991	2994	2999	rVB	490230	667025	4.98%	0.418%
93	20.656	3018	3021	3025	rBV	778500	897521	6.70%	0.562%
94	20.698	3025	3028	3031	rVB	572602	614240	4.58%	0.385%
95	21.015	3077	3082	3088	rBV2	3691396	7747264	57.80%	4.850%
96	21.068	3088	3091	3102	rVB	3064606	3921606	29.26%	2.455%
97	22.892	3395	3401	3407	rBV	1538173	4008785	29.91%	2.510%
98	23.486	3498	3502	3514	rVB	1093179	2368909	17.68%	1.483%
99	23.609	3517	3523	3533	rVB	1690202	3706227	27.65%	2.320%
100	23.733	3540	3544	3550	rVB	888097	1652367	12.33%	1.034%

Sum of corrected areas: 159734515

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082724\
Data File : BM047370.D
Acq On : 27 Aug 2024 19:19
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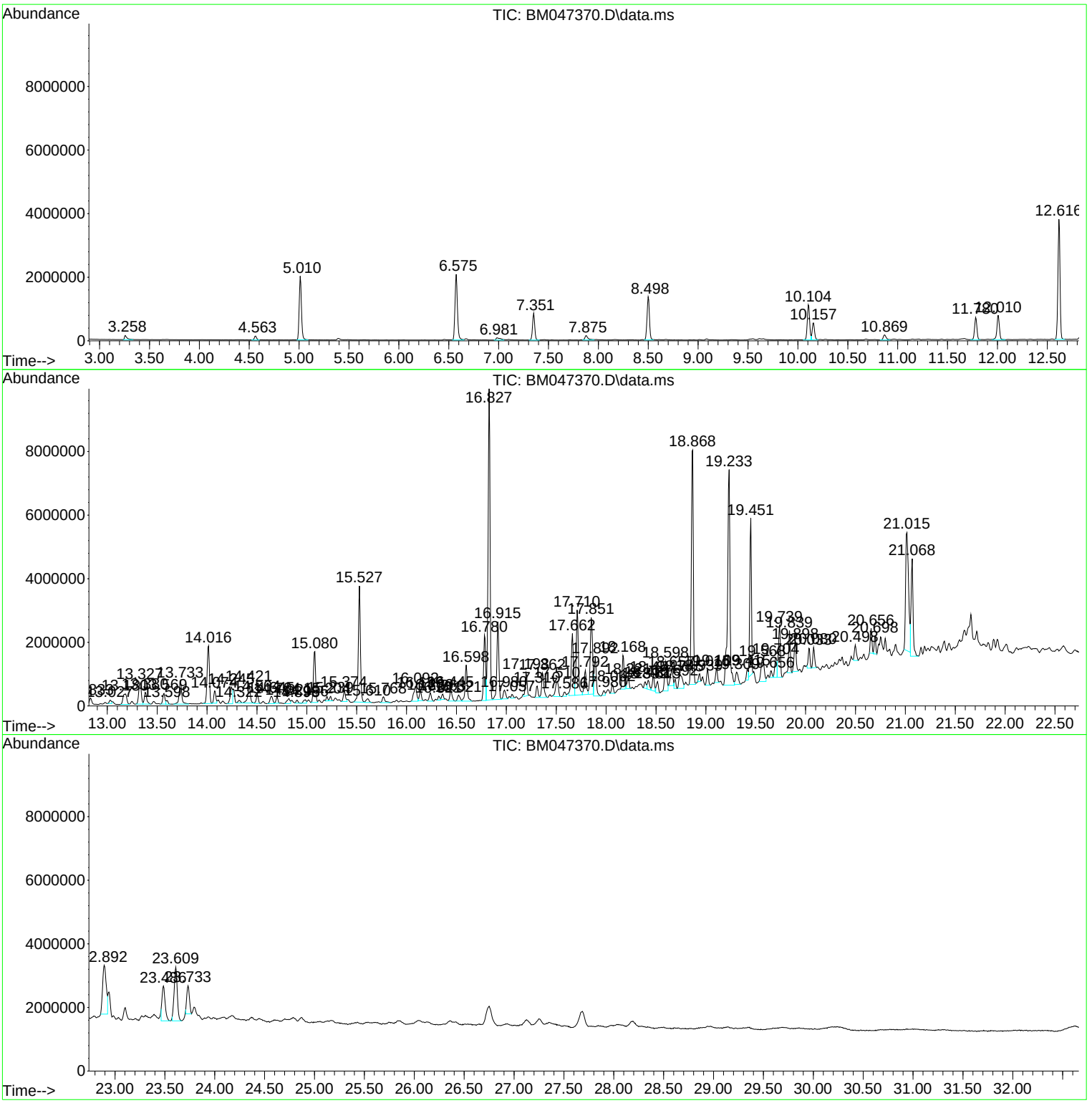
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.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_M\Data\BM082724\
Data File : BM047370.D
Acq On : 27 Aug 2024 19:19
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Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

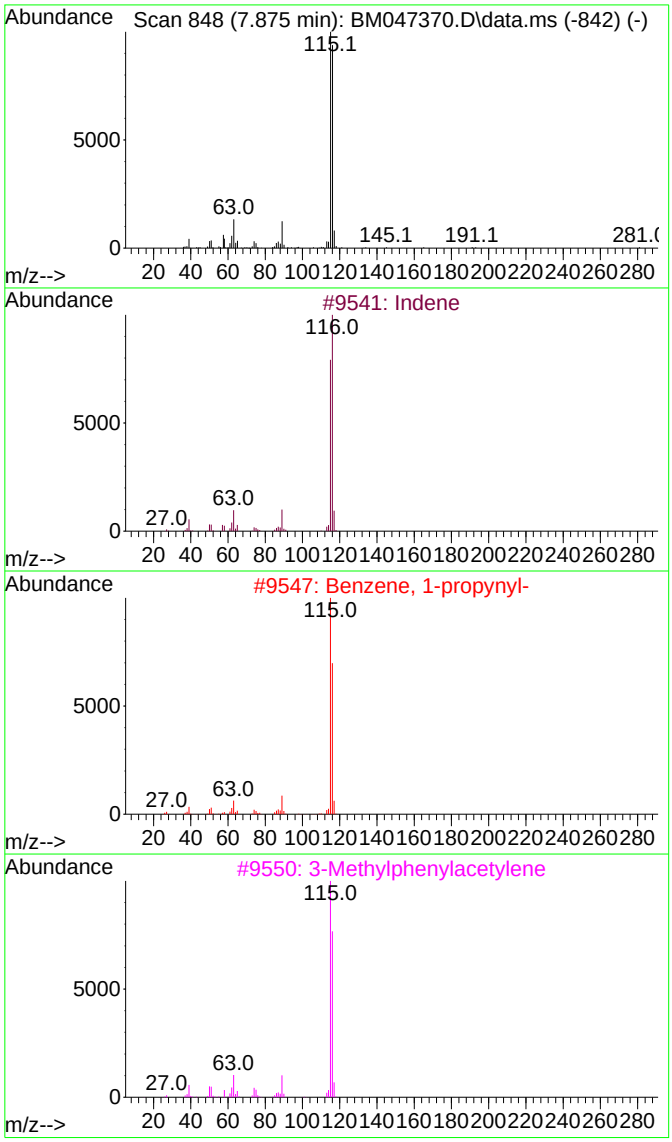
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

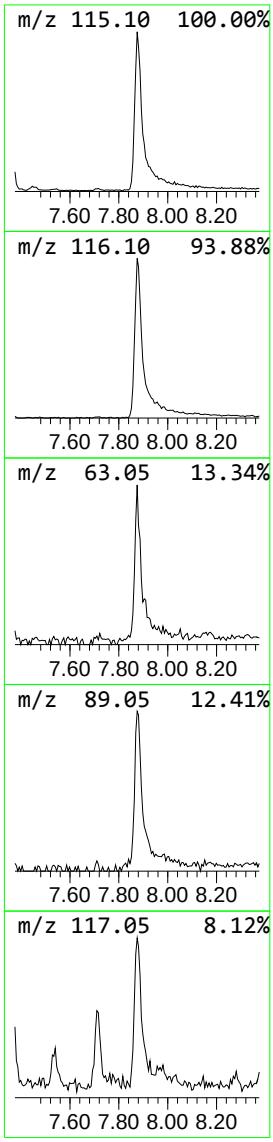
****

Peak Number 1 Indene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.875	4.67 ng	303804	1,4-Dichlorobenzene-d4	7.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	94
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082724\
Data File : BM047370.D
Acq On : 27 Aug 2024 19:19
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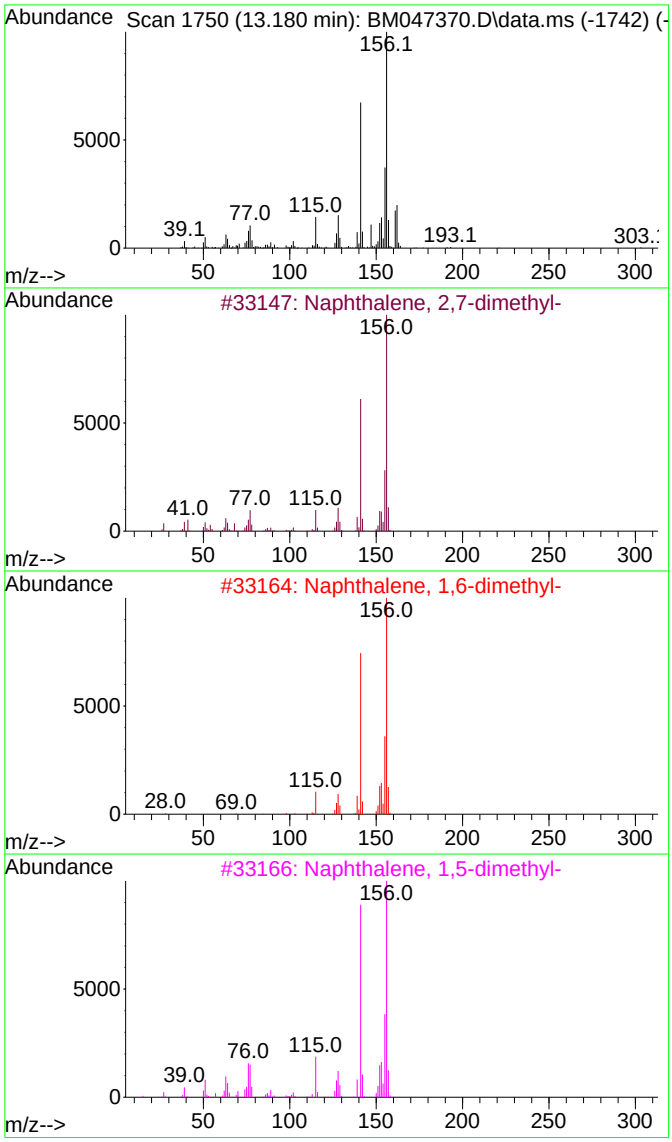
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

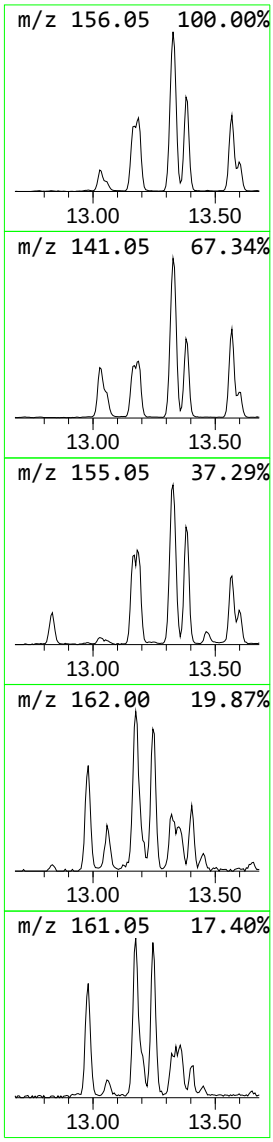
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, 2,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.180	6.10 ng	867800	Acenaphthene-d10	14.016

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, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082724\
Data File : BM047370.D
Acq On : 27 Aug 2024 19:19
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Sample : P3735-01
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

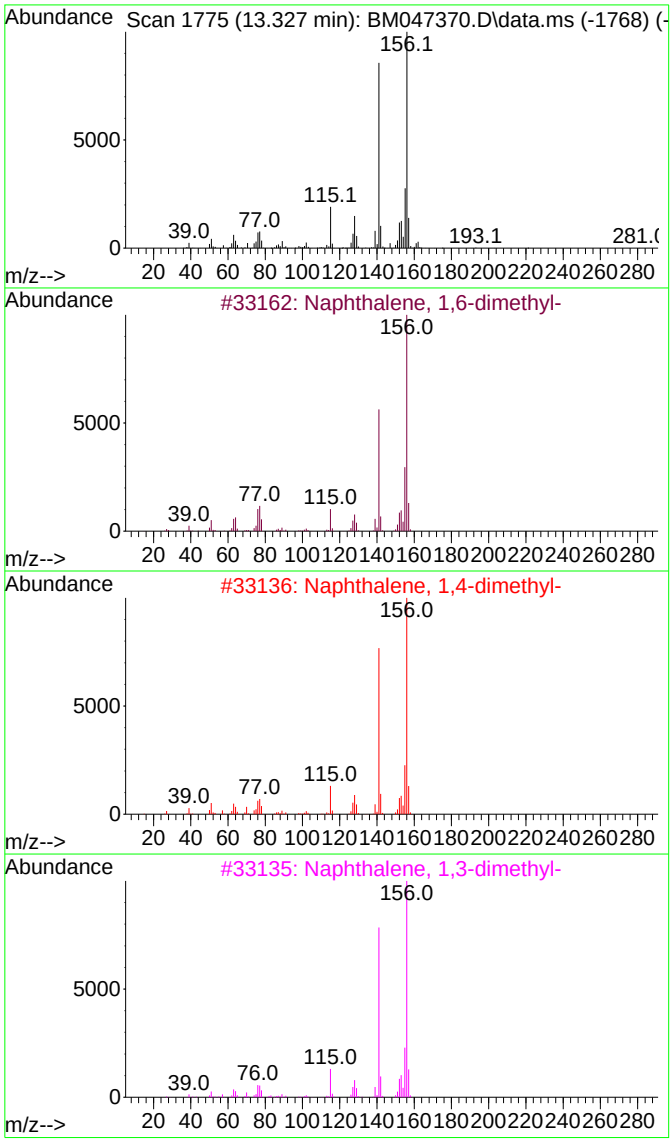
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

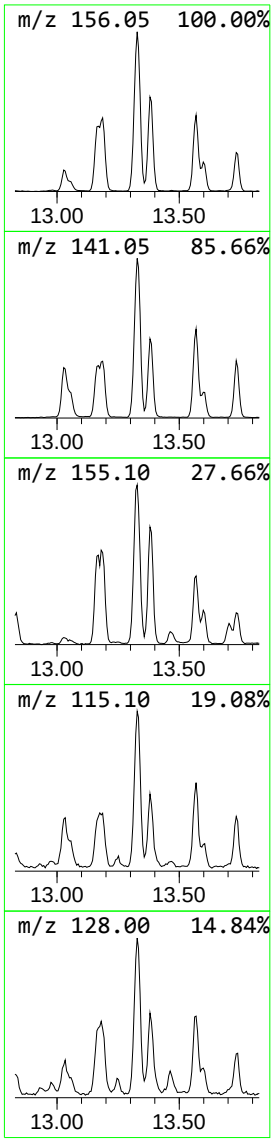
****

Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.328	8.45 ng	1201990	Acenaphthene-d10	14.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97





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Data File : BM047370.D
Acq On : 27 Aug 2024 19:19
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Sample : P3735-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

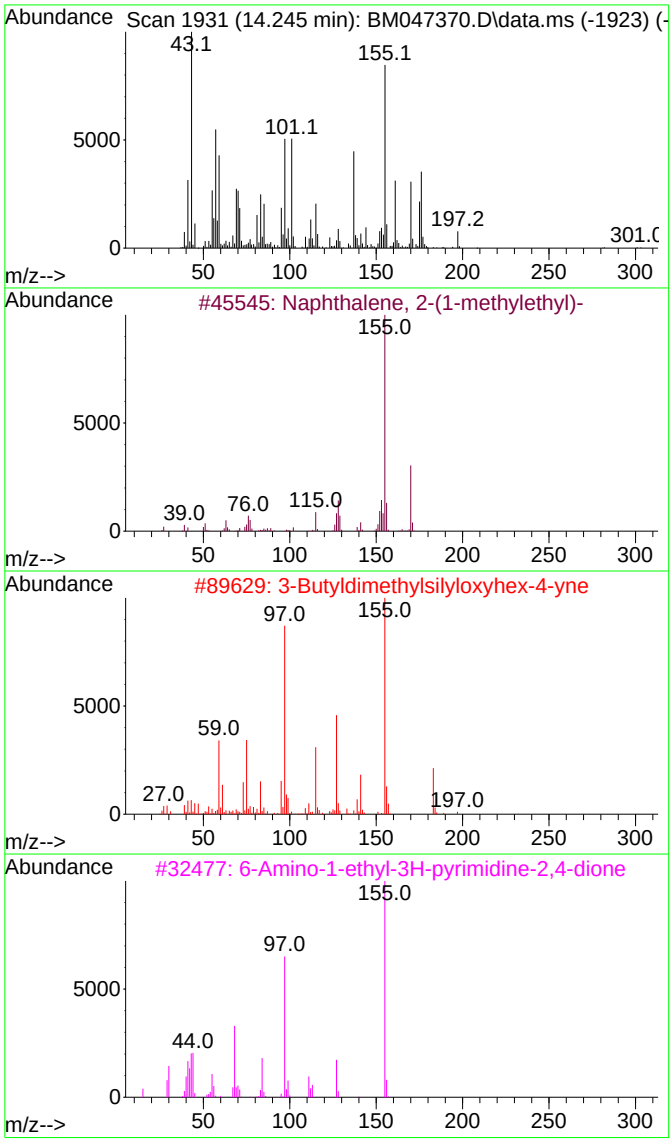
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

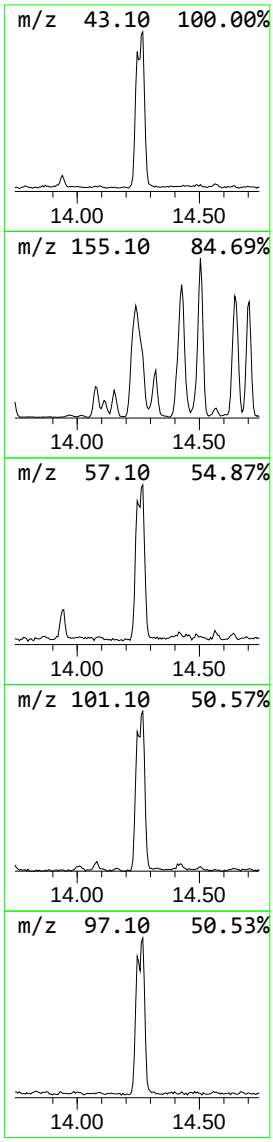
****

Peak Number 4 unknown14.245 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.245	6.13 ng	872083	Acenaphthene-d10	14.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	35
2	3-Butyldimethylsilyloxyhex-4-yne	212	C12H24OSi	1000299-53-3	35
3	6-Amino-1-ethyl-3H-pyrimidine-2,...	155	C6H9N3O2	041862-09-3	27
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	25
5	2,5-Dimethoxythiophenol	170	C8H10O2S	001483-27-8	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082724\
Data File : BM047370.D
Acq On : 27 Aug 2024 19:19
Operator : RC/JU
Sample : P3735-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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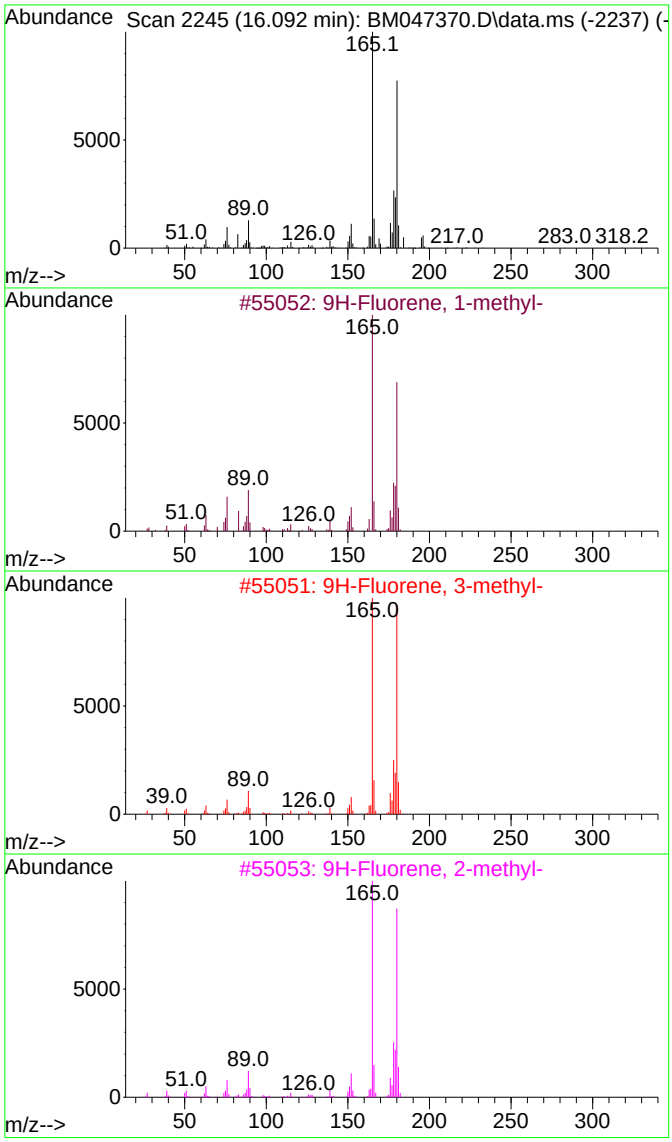
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

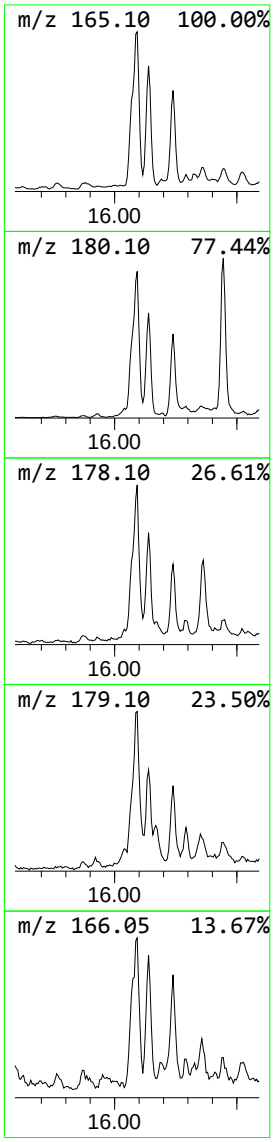
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 9H-Fluorene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.092	6.56 ng	965651	Phenanthrene-d10	16.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	96
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	89
5	(E)-Stilbene	180	C14H12	000103-30-0	68





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Data File : BM047370.D
Acq On : 27 Aug 2024 19:19
Operator : RC/JU
Sample : P3735-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

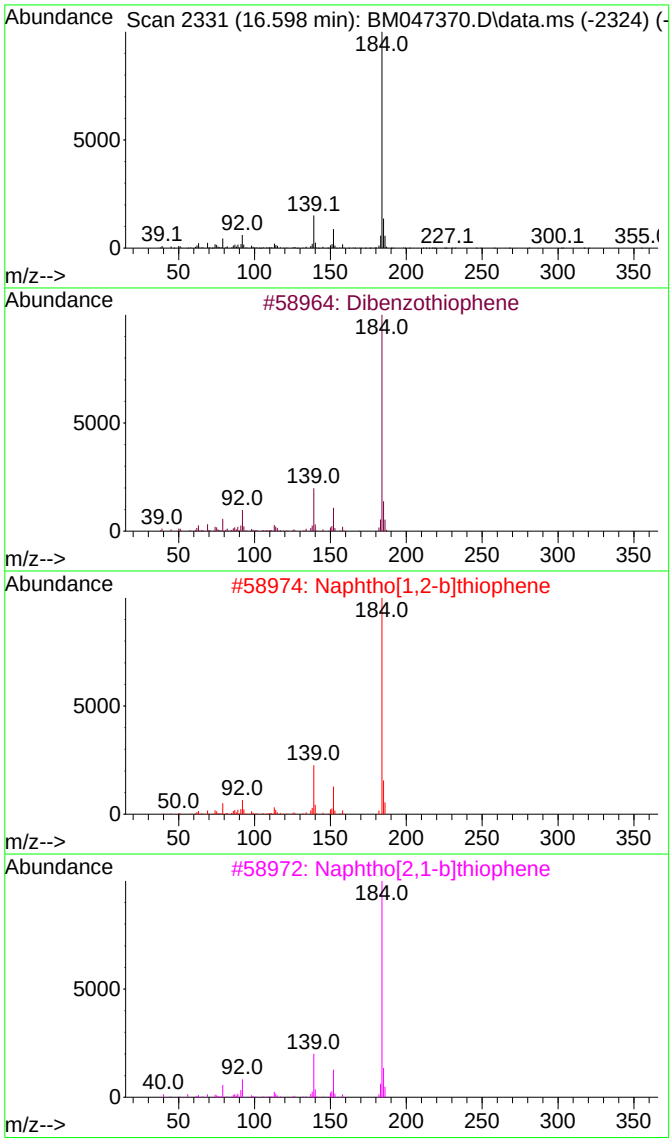
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

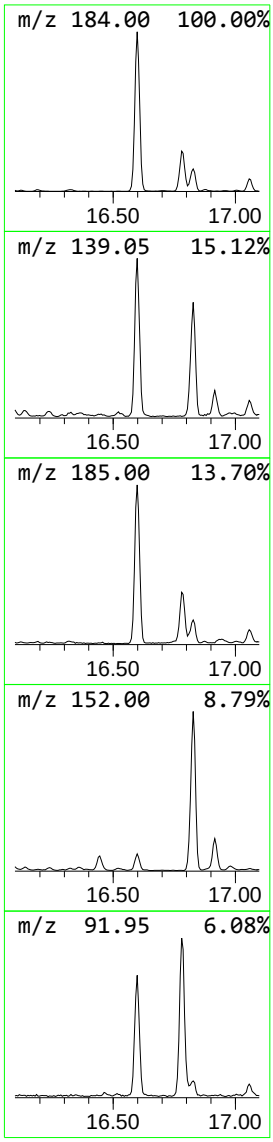
****

Peak Number 6 Dibenzothiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.598	12.06 ng	1775180	Phenanthrene-d10	16.780

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	95
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	80





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Sample : P3735-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-11

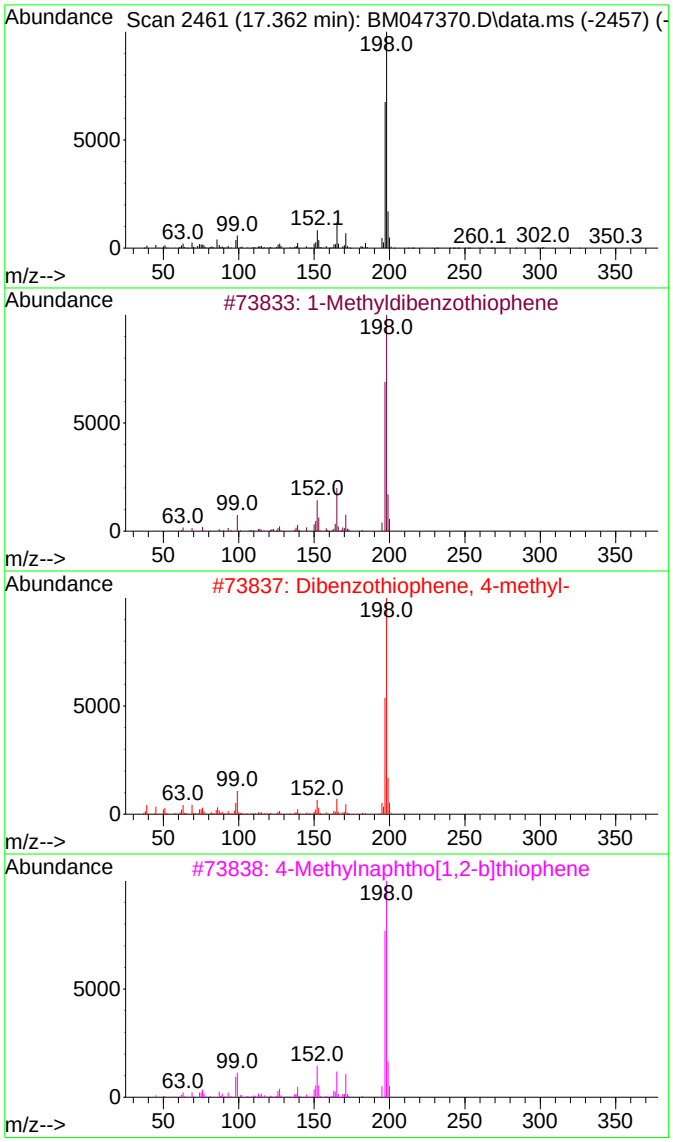
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

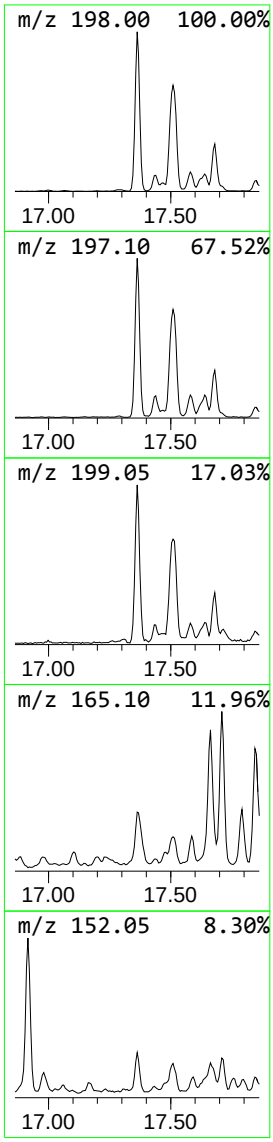
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1-Methyldibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.363	8.24 ng	1212780	Phenanthrene-d10	16.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	97
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	96
3	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	96
4	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	95
5	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	90





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Acq On : 27 Aug 2024 19:19
Operator : RC/JU
Sample : P3735-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-11

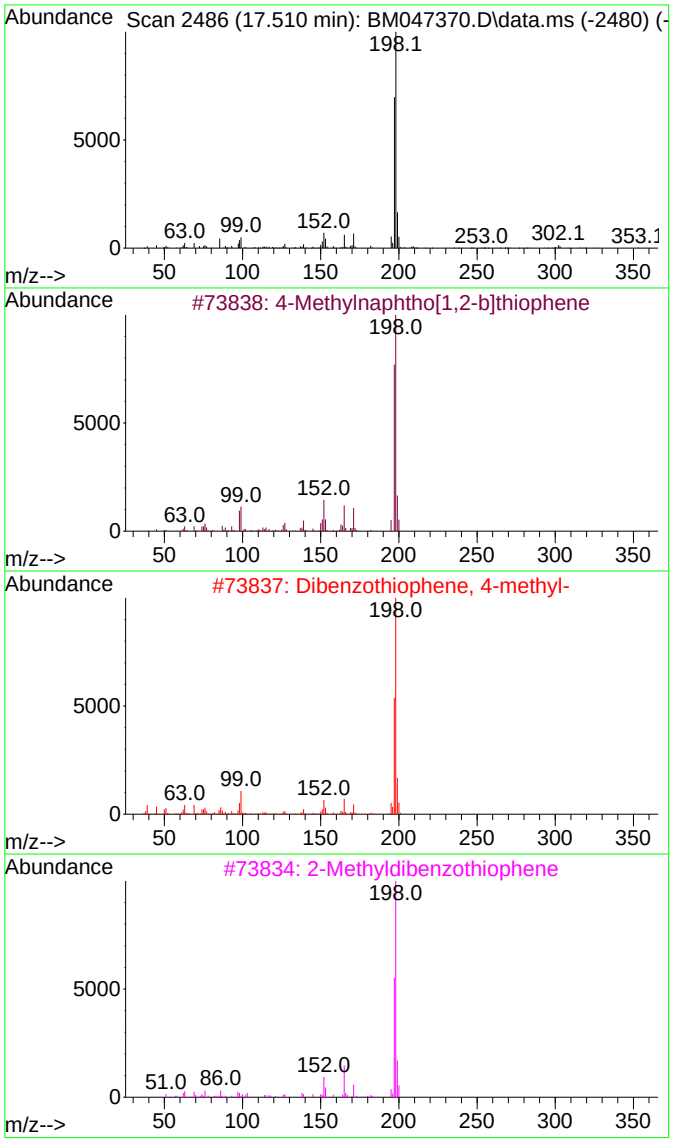
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

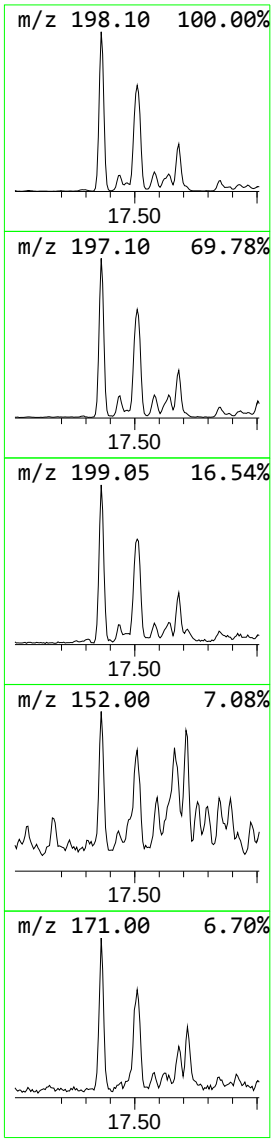
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.509	6.48 ng	953450	Phenanthrene-d10	16.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	97
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	90
3	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	90
4	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	90
5	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	87





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Acq On : 27 Aug 2024 19:19
Operator : RC/JU
Sample : P3735-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

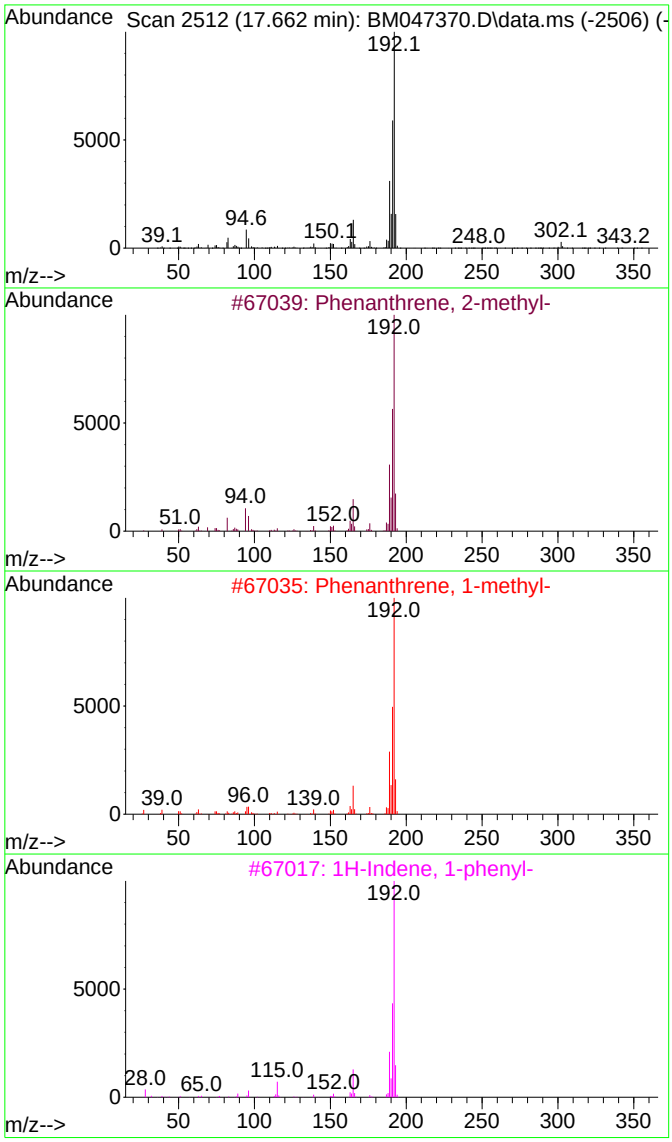
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

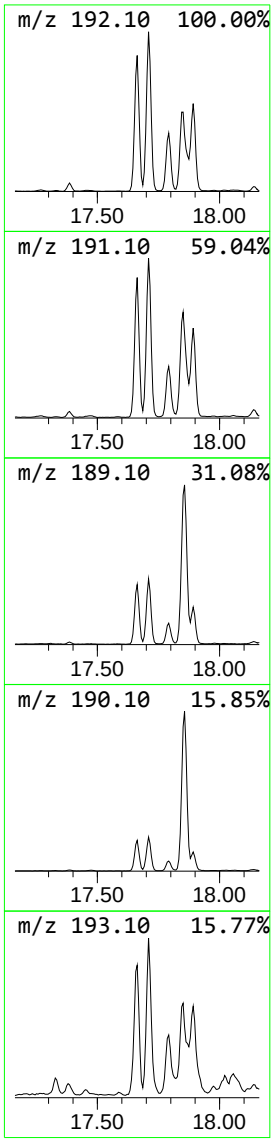
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.663	20.77 ng	3057530	Phenanthrene-d10	16.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





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Sample : P3735-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-11

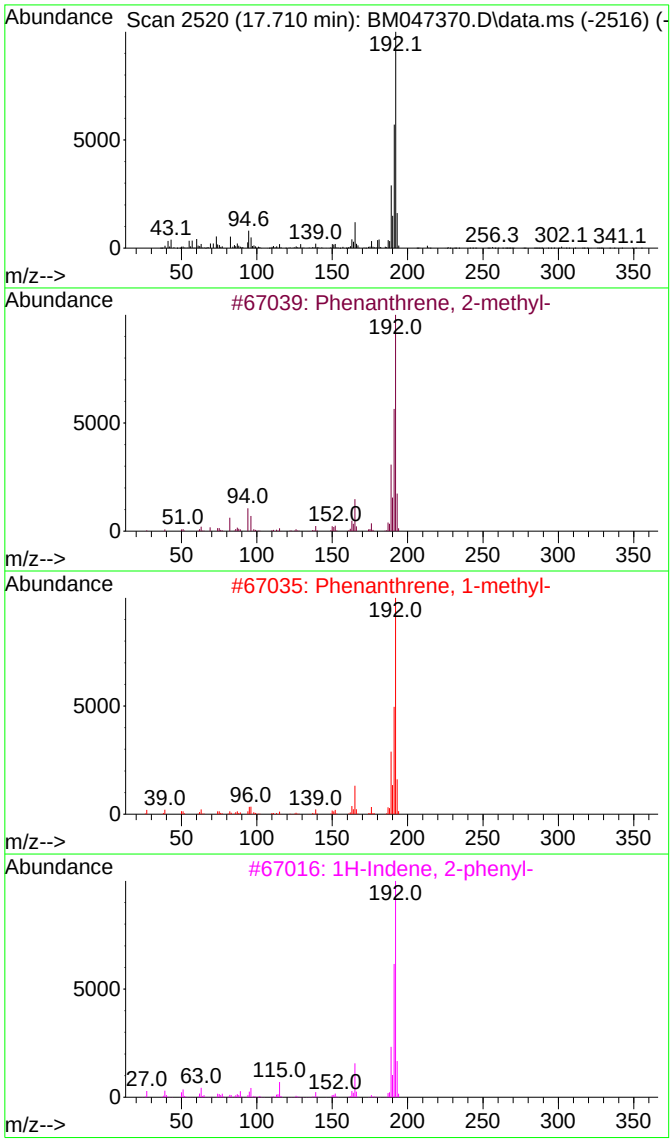
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

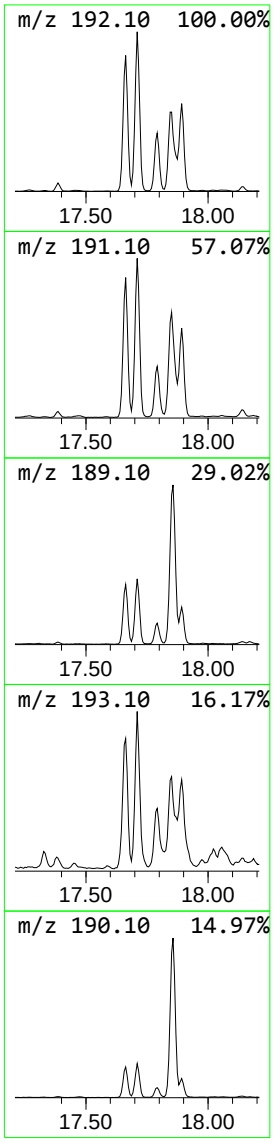
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.709	27.65 ng	4069890	Phenanthrene-d10	16.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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Sample : P3735-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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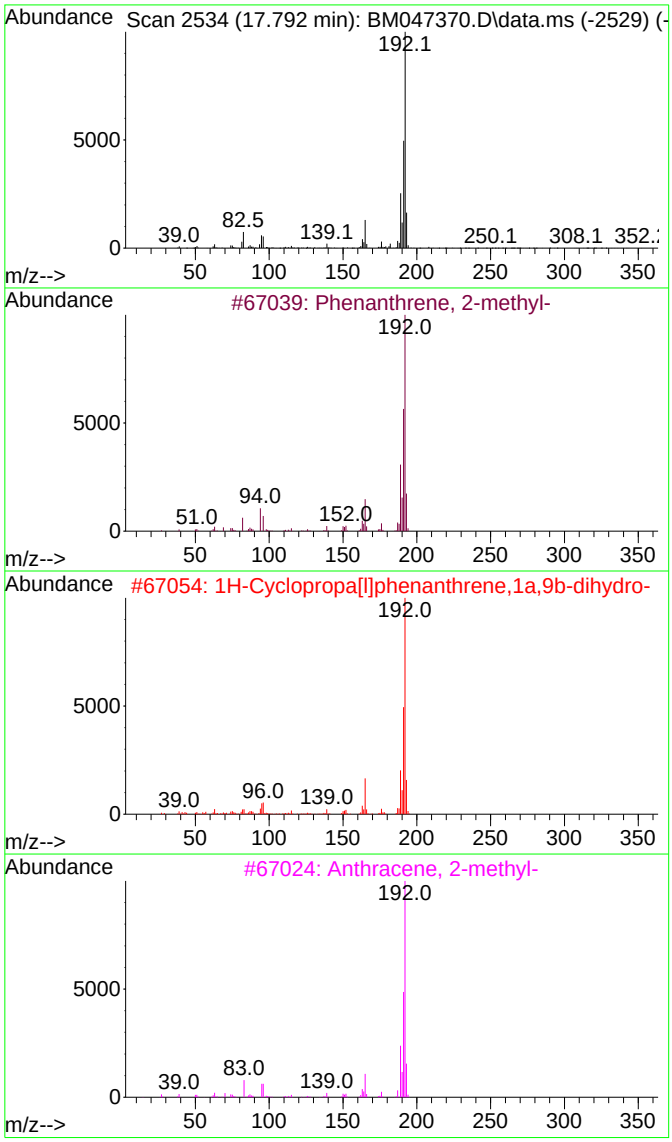
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

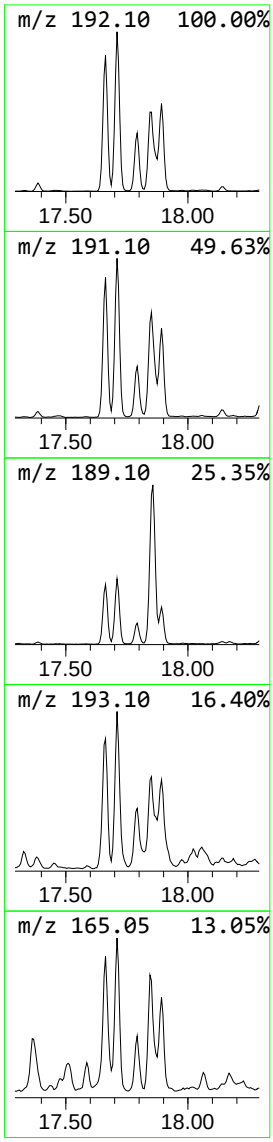
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.792	8.16 ng	1201540	Phenanthrene-d10	16.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





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Operator : RC/JU
Sample : P3735-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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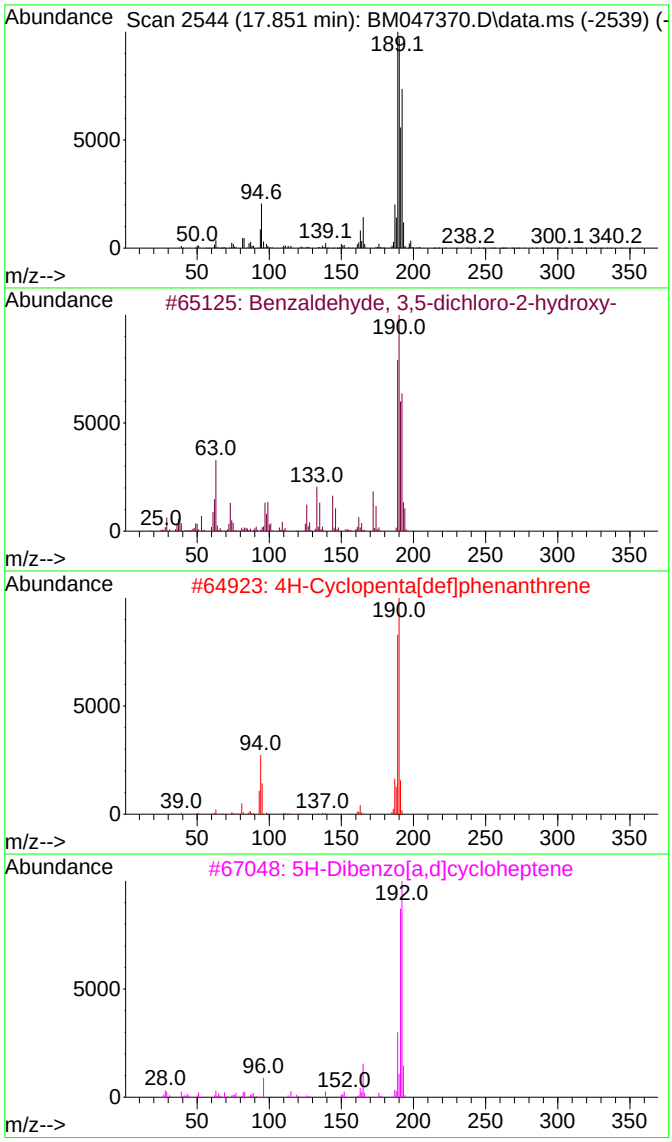
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

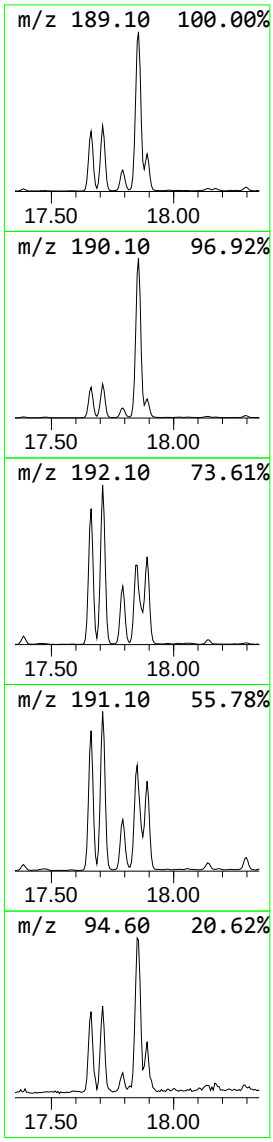
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzaldehyde, 3,5-dichloro-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.851	27.98 ng	4118820	Phenanthrene-d10	16.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	38





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Sample : P3735-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

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

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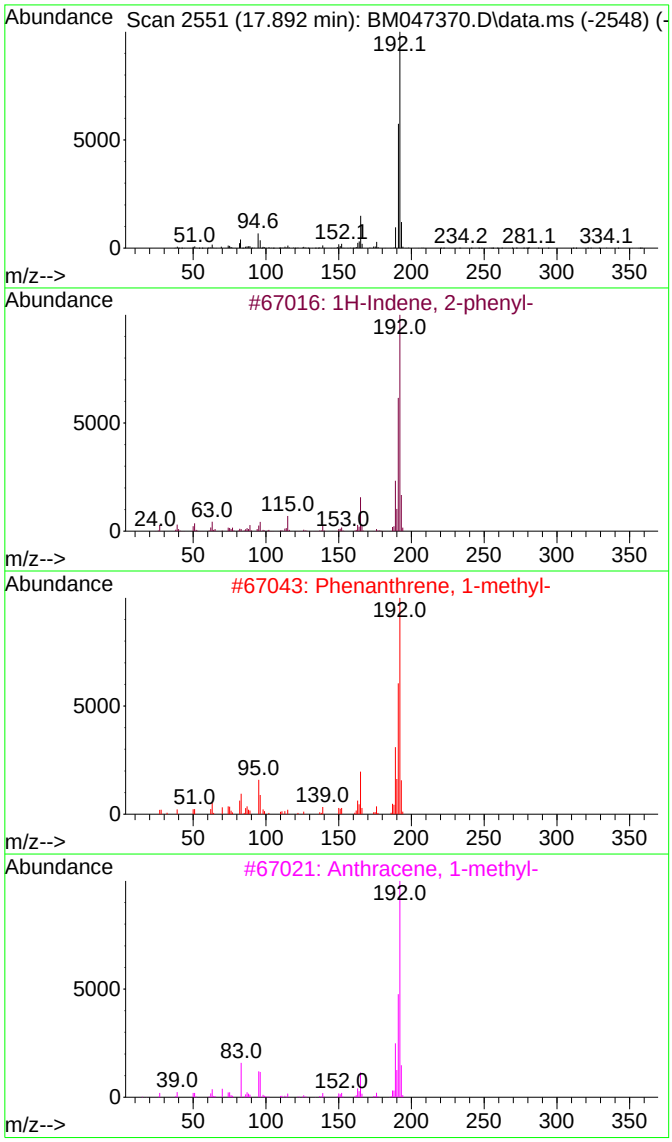
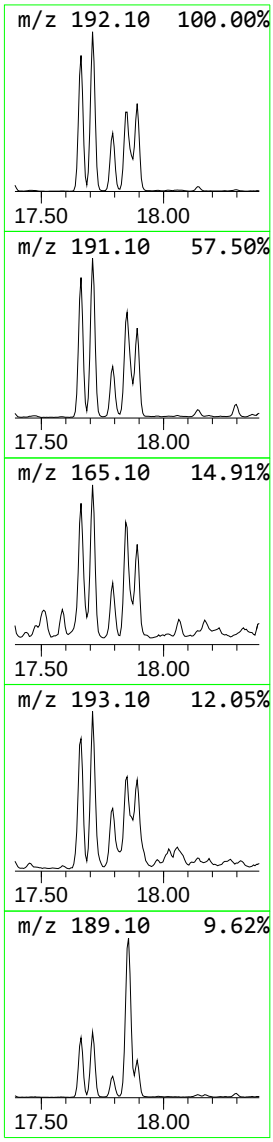
Peak Number 13 1H-Indene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.892	11.81 ng	1738700	Phenanthrene-d10	16.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	80
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	72
4	2-(4-Fluorobenzyl)thiophene	192	C11H9FS	063877-96-3	72
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	72





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Sample : P3735-01
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ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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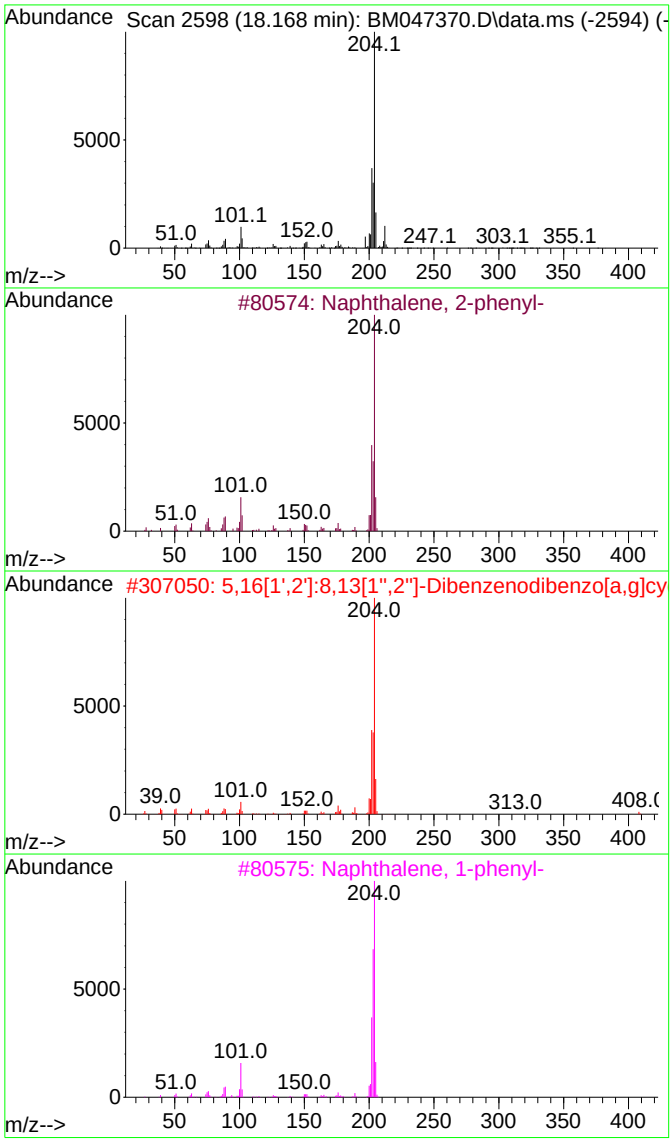
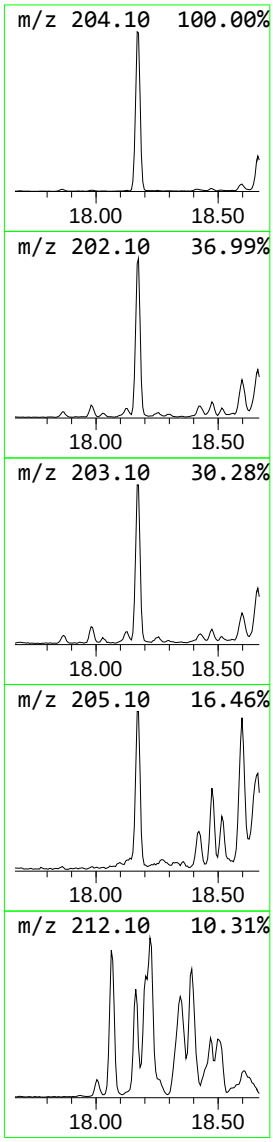
Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.168	9.54 ng	1404890	Phenanthrene-d10	16.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	52
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	49





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ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.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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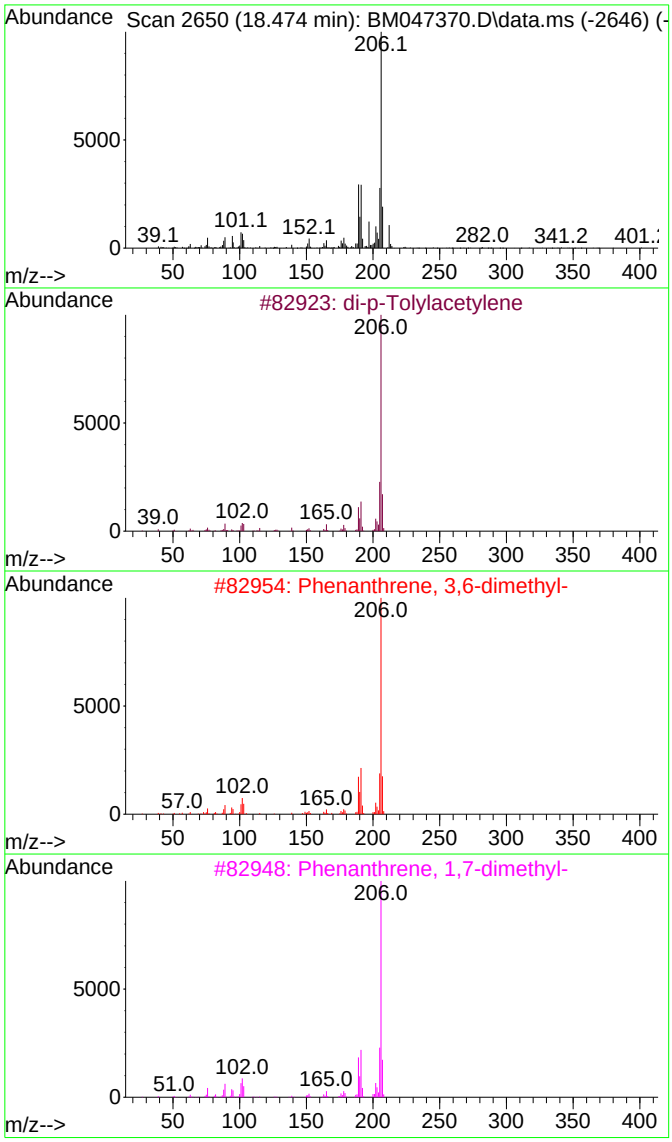
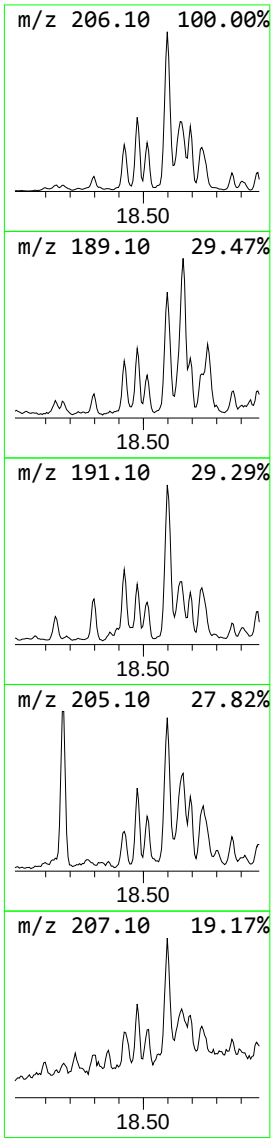
Peak Number 15 di-p-Tolylacetylene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.474	4.41 ng	649549	Phenanthrene-d10	16.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
5	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	68





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ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
WC-11

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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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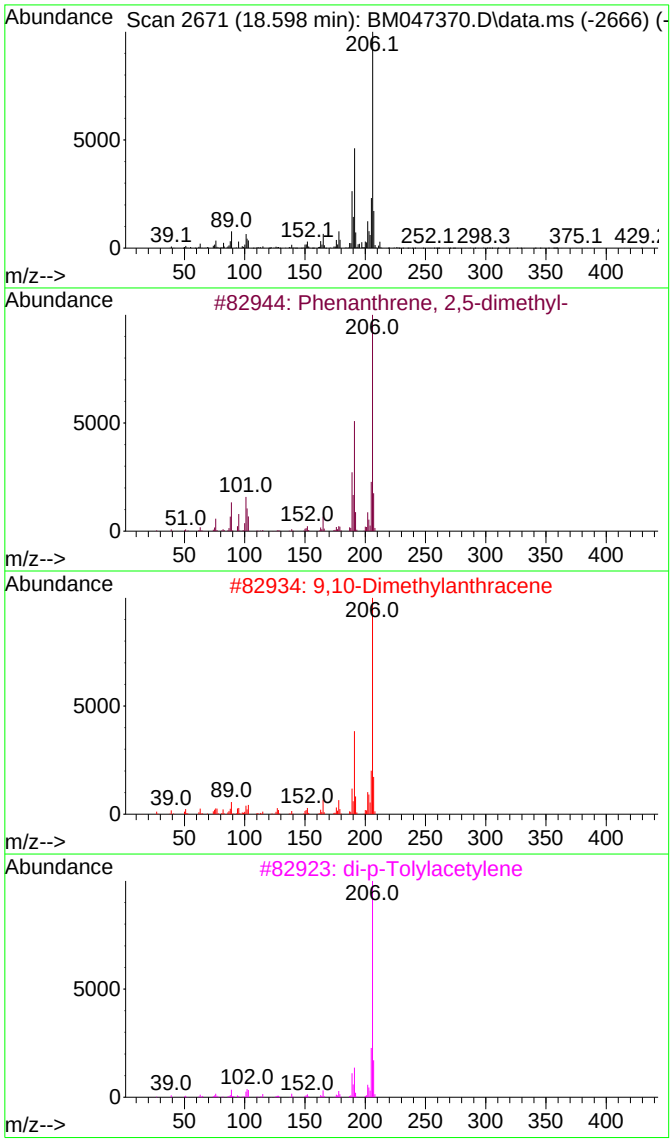
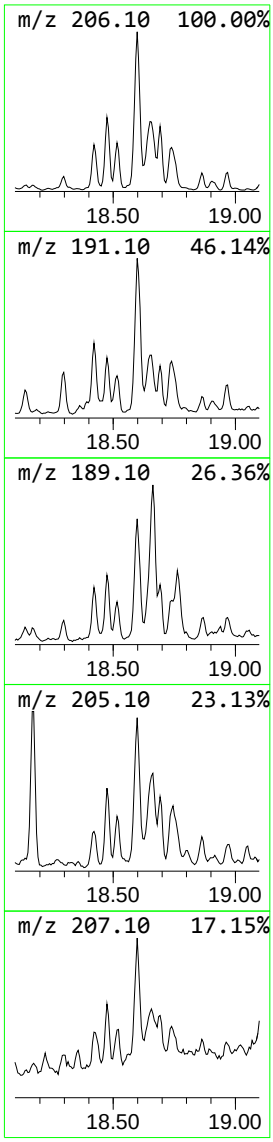
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.598	9.99 ng	1470350	Phenanthrene-d10	16.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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Data File : BM047370.D
Acq On : 27 Aug 2024 19:19
Operator : RC/JU
Sample : P3735-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-11

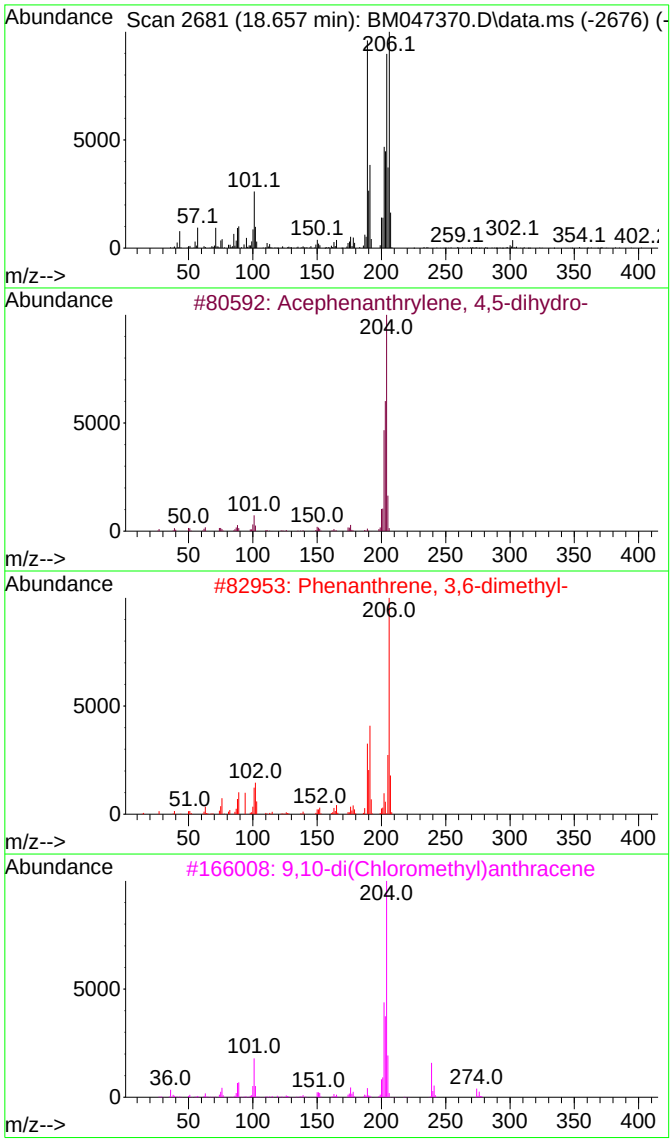
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

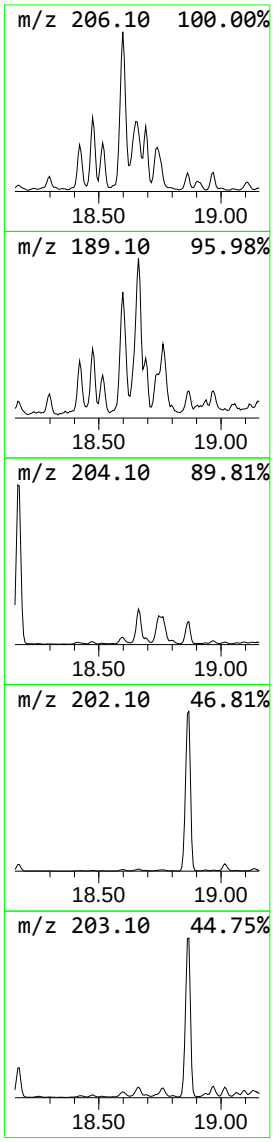
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Acephenanthrylene, 4,5-dihy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.657	5.87 ng	864099	Phenanthrene-d10	16.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	51
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	41
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	38
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38
5	5-Bromo-2-(methylthio)pyrimidine	204	C5H5BrN2S	014001-67-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082724\
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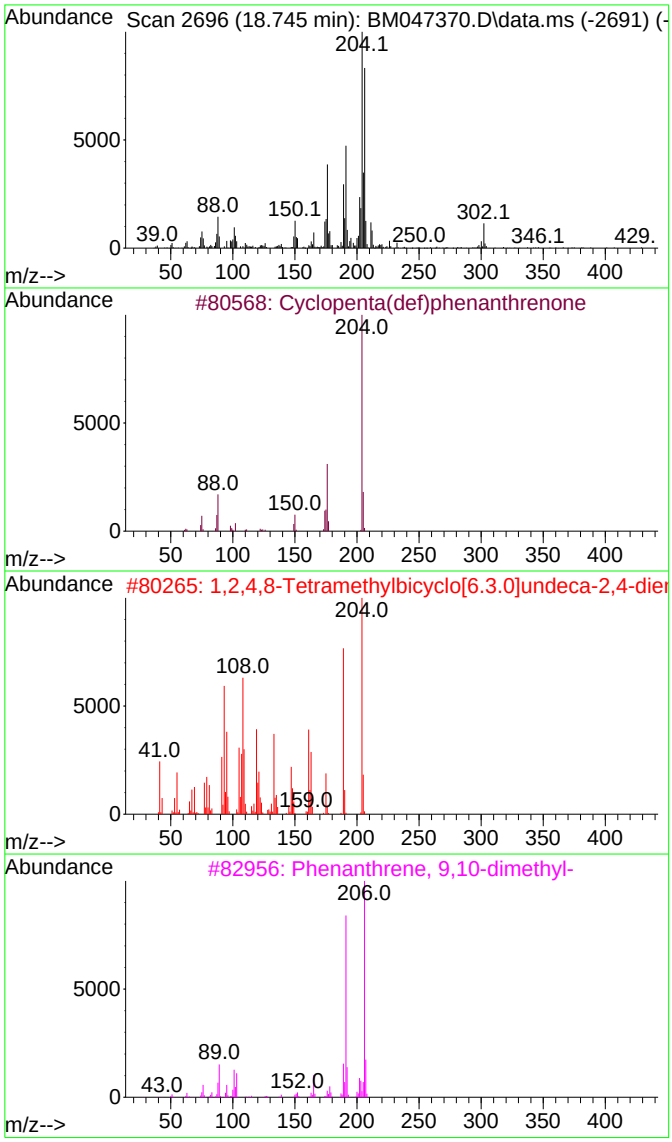
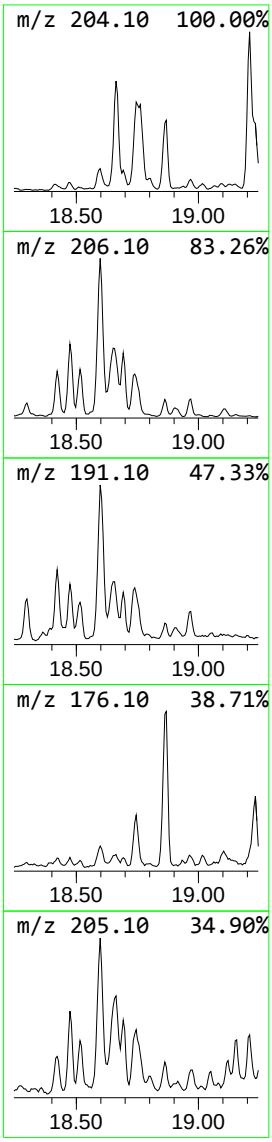
****
Peak Number 18 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.745	7.37 ng	1085590	Phenanthrene-d10	16.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	83
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	70
3	Phenanthrene, 9,10-dimethyl-	206	C16H14	000604-83-1	55
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	49
5	Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	46





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Data File : BM047370.D
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Operator : RC/JU
Sample : P3735-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

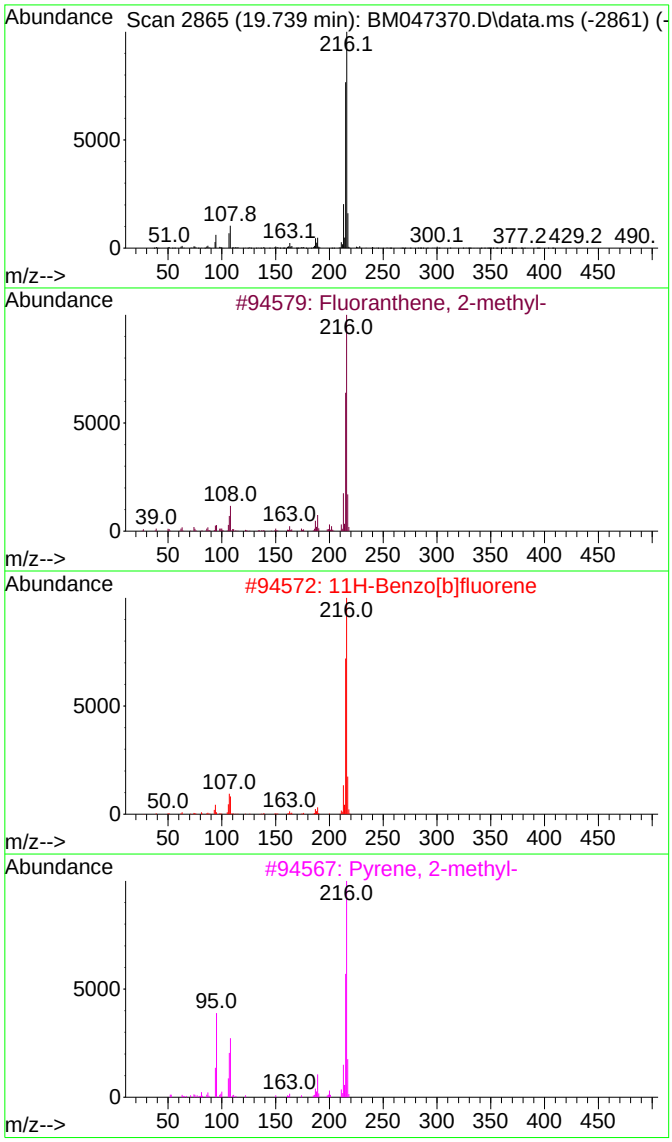
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

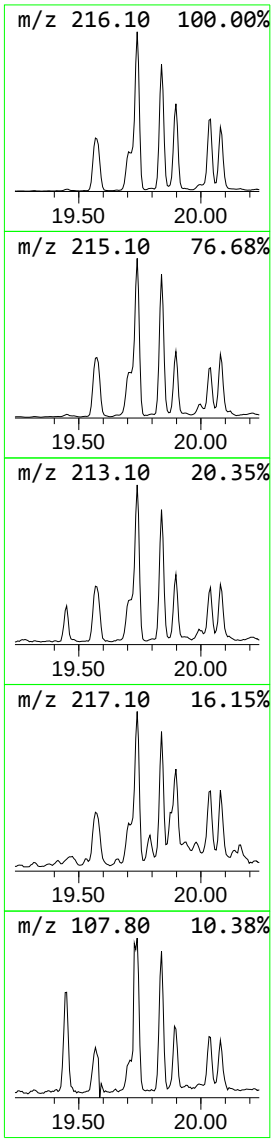
****

Peak Number 19 Fluoranthene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.739	5.85 ng	2264570	Chrysene-d12	21.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86





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ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
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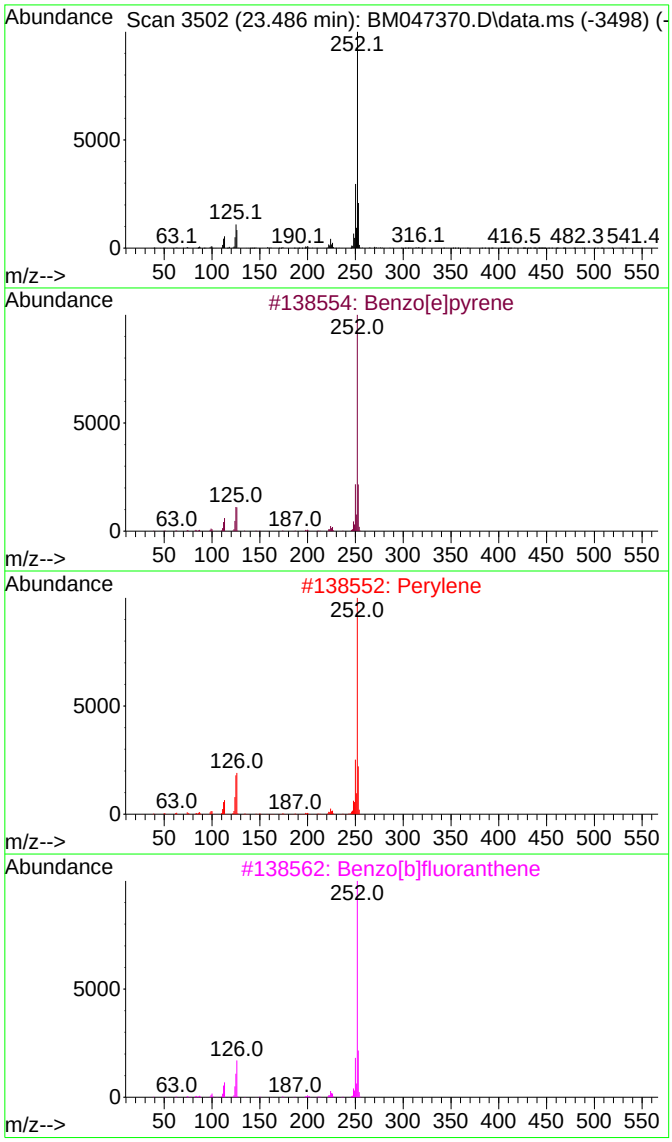
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

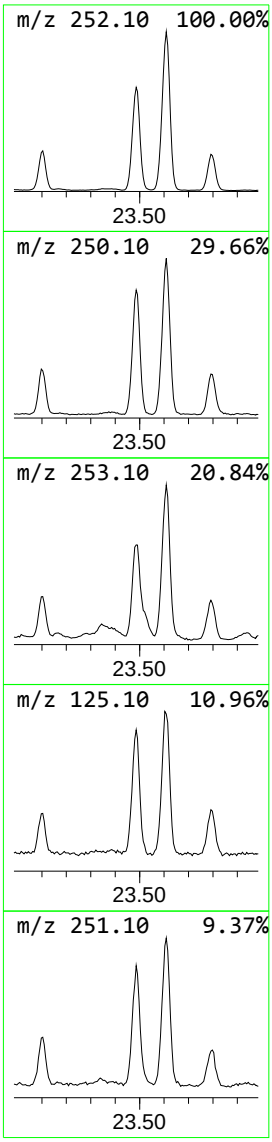
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.486	28.67 ng	2368910	Perylene-d12	23.733

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Perylene	252	C20H12	000198-55-0	94
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082724\
Data File : BM047370.D
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Misc :
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Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.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
Indene	7.875	4.7	ng	303804	1	7.351	1300730	20.0
Naphthalene, 2,...	13.180	6.1	ng	867800	3	14.016	2843390	20.0
Naphthalene, 1,...	13.328	8.4	ng	1201990	3	14.016	2843390	20.0
unknown14.245	14.245	6.1	ng	872083	3	14.016	2843390	20.0
9H-Fluorene, 1-...	16.092	6.6	ng	965651	4	16.780	2944060	20.0
Dibenzothiophene	16.598	12.1	ng	1775180	4	16.780	2944060	20.0
1-Methyldibenzo...	17.363	8.2	ng	1212780	4	16.780	2944060	20.0
4-Methylnaphtho...	17.509	6.5	ng	953450	4	16.780	2944060	20.0
Phenanthrene, 2...	17.663	20.8	ng	3057530	4	16.780	2944060	20.0
Phenanthrene, 1...	17.709	27.6	ng	4069890	4	16.780	2944060	20.0
1H-Cyclopropa[l...	17.792	8.2	ng	1201540	4	16.780	2944060	20.0
Benzaldehyde, 3...	17.851	28.0	ng	4118820	4	16.780	2944060	20.0
1H-Indene, 2-ph...	17.892	11.8	ng	1738700	4	16.780	2944060	20.0
Naphthalene, 2-...	18.168	9.5	ng	1404890	4	16.780	2944060	20.0
di-p-Tolylacety...	18.474	4.4	ng	649549	4	16.780	2944060	20.0
Phenanthrene, 2...	18.598	10.0	ng	1470350	4	16.780	2944060	20.0
Acephenanthryle...	18.657	5.9	ng	864099	4	16.780	2944060	20.0
Cyclopenta(def)...	18.745	7.4	ng	1085590	4	16.780	2944060	20.0
Fluoranthene, 2...	19.739	5.8	ng	2264570	5	21.027	7747260	20.0
Benzo[e]pyrene	23.486	28.7	ng	2368910	6	23.733	1652370	20.0