LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041274.D
Acq On : 03 Aug 2023 22:42
Operator : MA/JU
Sample : 03815-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-A-1-(0-5)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM041274.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.369	364	371	377	rBV	1660995	2434529	8.41%	0.585%
2	6.981	638	645	652	rBV	1746898	2724749	9.42%	0.655%
3	8.975	976	984	994	rBV	1076170	1787490	6.18%	0.430%
4	10.604	1254	1261	1265	rBV	679503	1126813	3.89%	0.271%
5	10.651	1265	1269	1281	rVB	873996	1404134	4.85%	0.337%
6	12.492	1572	1582	1591	rVB	1647531	2690354	9.30%	0.646%
7	13.080	1676	1682	1689	rVB	2988926	4223694	14.59%	1.015%
8	13.633	1768	1776	1783	rBV3	627053	1548806	5.35%	0.372%
9	13.780	1794	1801	1806	rVV	1254067	2140676	7.40%	0.514%
10	13.833	1806	1810	1818	rVV2	579428	978898	3.38%	0.235%
11	13.916	1818	1824	1832	rVV3	592596	976289	3.37%	0.235%
12	14.016	1836	1841	1845	rVV	692983	1067001	3.69%	0.256%
13	14.186	1860	1870	1881	rBV	3166431	4705728	16.26%	1.131%
14	14.463	1906	1917	1922	rBV2	1241982	2130011	7.36%	0.512%
15	14.527	1922	1928	1936	rBV	1711340	2583992	8.93%	0.621%
16	14.863	1973	1985	1992	rVB	1491244	2428518	8.39%	0.584%
17	15.074	2015	2021	2027	rBV3	634192	1422557	4.92%	0.342%
18	15.339	2062	2066	2072	rVB	671407	906495	3.13%	0.218%
19	15.521	2091	2097	2108	rVB	3534003	5773807	19.95%	1.387%
20	15.810	2141	2146	2152	rVV	659904	1151646	3.98%	0.277%
21	15.968	2168	2173	2179	rVB	3441388	5240606	18.11%	1.259%
22	16.192	2203	2211	2221	rVB4	540693	1260130	4.35%	0.303%
23	16.527	2260	2268	2272	rBV2	1267565	2530195	8.74%	0.608%
24	16.574	2272	2276	2281	rVB	741407	956239	3.30%	0.230%
25	16.674	2288	2293	2298	rBV	830373	1102869	3.81%	0.265%
26	16.798	2310	2314	2321	rVV2	519389	1004431	3.47%	0.241%
27	16.962	2337	2342	2346	rVV3	695810	1193201	4.12%	0.287%
28	17.045	2347	2356	2363	rVB	2657942	4353097	15.04%	1.046%
29	17.227	2381	2387	2390	rBV	1433740	2221952	7.68%	0.534%
30	17.280	2390	2396	2401	rVV	14211028	22086769	76.32%	5.307%
31	17.368	2405	2411	2415	rVV	7157225	9964608	34.43%	2.394%
32	17.421	2415	2420	2425	rVB2	427997	906367	3.13%	0.218%
33	17.504	2430	2434	2443	rVB3	364558	867721	3.00%	0.209%
34	17.639	2452	2457	2464	rBV	816539	1486118	5.14%	0.357%
35	17.709	2465	2469	2472	rVV	729301	882803	3.05%	0.212%
36	17.745	2472	2475	2479	rVV	868884	1055645	3.65%	0.254%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041274.D
Acq On : 03 Aug 2023 22:42
Operator : MA/JU
Sample : 03815-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-A-1-(0-5)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.809	2482	2486	2493	rVB	2182745	3002626	10.38%	0.722%
38	17.957	2505	2511	2519	rVB	1351674	2499620	8.64%	0.601%
39	18.109	2531	2537	2542	rVV	4198880	7514858	25.97%	1.806%
40	18.156	2542	2545	2551	rVB	4649151	6341638	21.91%	1.524%
41	18.239	2554	2559	2565	rBV	2343341	3375161	11.66%	0.811%
42	18.309	2565	2571	2575	rVV2	7391711	13559039	46.85%	3.258%
43	18.345	2575	2577	2584	rVB	3063968	3255293	11.25%	0.782%
44	18.409	2585	2588	2593	rBV2	653467	890960	3.08%	0.214%
45	18.504	2600	2604	2610	rVB	763055	963536	3.33%	0.232%
46	18.609	2617	2622	2626	rVV2	2876724	4258097	14.71%	1.023%
47	18.662	2629	2631	2640	rVB	1023024	1418389	4.90%	0.341%
48	18.780	2645	2651	2655	rVV2	608414	1569437	5.42%	0.377%
49	18.827	2655	2659	2662	rVV	966660	1621727	5.60%	0.390%
50	18.856	2662	2664	2669	rVV3	900439	1551989	5.36%	0.373%
51	18.909	2669	2673	2676	rVV	1495282	2176421	7.52%	0.523%
52	18.951	2676	2680	2684	rVB3	1064135	1568999	5.42%	0.377%
53	19.033	2689	2694	2699	rBV	3149751	5443393	18.81%	1.308%
54	19.098	2699	2705	2708	rBV3	1500875	2438540	8.43%	0.586%
55	19.174	2714	2718	2719	rBV	778193	980829	3.39%	0.236%
56	19.315	2734	2742	2746	rBV	16320748	28196370	97.43%	6.776%
57	19.362	2746	2750	2753	rVV	881276	1227826	4.24%	0.295%
58	19.403	2753	2757	2761	rVV3	744122	1217175	4.21%	0.292%
59	19.451	2761	2765	2770	rVB	3687663	4728841	16.34%	1.136%
60	19.545	2776	2781	2784	rBV	1945153	2734076	9.45%	0.657%
61	19.574	2784	2786	2792	rVB2	814102	936101	3.23%	0.225%
62	19.639	2792	2797	2798	rBV	2715469	3646119	12.60%	0.876%
63	19.680	2798	2804	2809	rVB	16941418	28939387	100.00%	6.954%
64	19.733	2809	2813	2819	rVB3	1411295	2163971	7.48%	0.520%
65	19.862	2829	2835	2839	rVB2	4635361	6390395	22.08%	1.536%
66	19.992	2851	2857	2864	rVB2	2157007	5031637	17.39%	1.209%
67	20.162	2882	2886	2892	rVB	6157132	8967383	30.99%	2.155%
68	20.262	2899	2903	2907	rVB	5526322	6738239	23.28%	1.619%
69	20.321	2907	2913	2917	rBV2	3393784	4606479	15.92%	1.107%
70	20.462	2933	2937	2940	rBV	2629905	3211206	11.10%	0.772%
71	20.503	2940	2944	2951	rVB	2979110	4094872	14.15%	0.984%
72	20.750	2983	2986	2989	rVV	855530	1260922	4.36%	0.303%
73	20.780	2989	2991	2995	rVB	757168	820232	2.83%	0.197%
74	20.868	3003	3006	3010	rBV2	680985	1103567	3.81%	0.265%
75	21.080	3038	3042	3045	rVV	3284246	4687556	16.20%	1.126%
76	21.115	3045	3048	3052	rVV	2713537	3447815	11.91%	0.829%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041274.D
Acq On : 03 Aug 2023 22:42
Operator : MA/JU
Sample : 03815-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-A-1-(0-5)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	21.156	3052	3055	3059	rVV2	1530132	1982929	6.85%	0.476%
78	21.315	3075	3082	3090	rBV	1354055	3706404	12.81%	0.891%
79	21.427	3095	3101	3105	rVV2	11388942	20772562	71.78%	4.992%
80	21.480	3106	3110	3114	rVB	9902180	13013496	44.97%	3.127%
81	21.550	3119	3122	3126	rVV2	1234020	2103263	7.27%	0.505%
82	21.592	3126	3129	3135	rVV3	1214863	2845648	9.83%	0.684%
83	21.650	3136	3139	3145	rVV3	1795707	3374668	11.66%	0.811%
84	21.709	3147	3149	3153	rVB	818154	886253	3.06%	0.213%
85	21.803	3162	3165	3174	rVB4	926906	1768060	6.11%	0.425%
86	21.944	3186	3189	3192	rBV	699838	882338	3.05%	0.212%
87	22.003	3192	3199	3204	rVV	2965749	6007731	20.76%	1.444%
88	22.056	3205	3208	3213	rVB	1489587	1943084	6.71%	0.467%
89	22.168	3224	3227	3231	rVB2	1154832	1557676	5.38%	0.374%
90	22.215	3231	3235	3238	rVV	1640810	2540404	8.78%	0.610%
91	22.250	3238	3241	3247	rVB2	1773918	2567262	8.87%	0.617%
92	22.315	3248	3252	3257	rVB	953425	1464250	5.06%	0.352%
93	23.103	3379	3386	3390	rBV	5632277	13671583	47.24%	3.285%
94	23.274	3410	3415	3422	rBV	2085525	3887751	13.43%	0.934%
95	23.609	3466	3472	3482	rVV	3943781	7845773	27.11%	1.885%
96	23.721	3484	3491	3498	rVB	6344013	12768128	44.12%	3.068%
97	23.868	3512	3516	3524	rVB2	1801462	3604841	12.46%	0.866%
98	24.756	3662	3667	3680	rVB2	954874	2423446	8.37%	0.582%
99	26.285	3917	3927	3937	rVB	2616193	8000963	27.65%	1.923%
100	27.050	4049	4057	4077	rVB	2016978	6629191	22.91%	1.593%

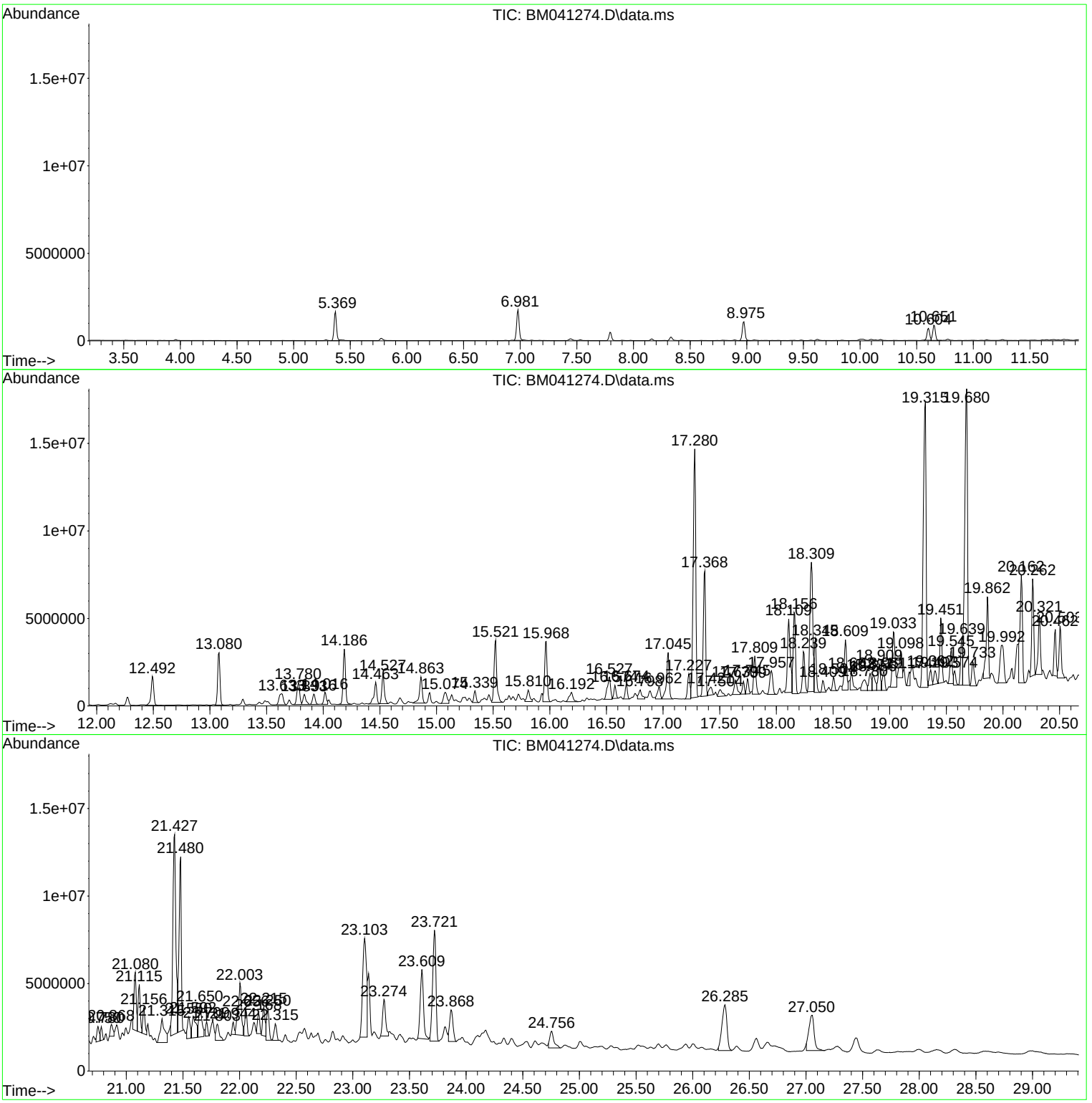
Sum of corrected areas: 416147363

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041274.D
Acq On : 03 Aug 2023 22:42
Operator : MA/JU
Sample : 03815-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-A-1-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.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\BM080323\
Data File : BM041274.D
Acq On : 03 Aug 2023 22:42
Operator : MA/JU
Sample : 03815-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-A-1-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

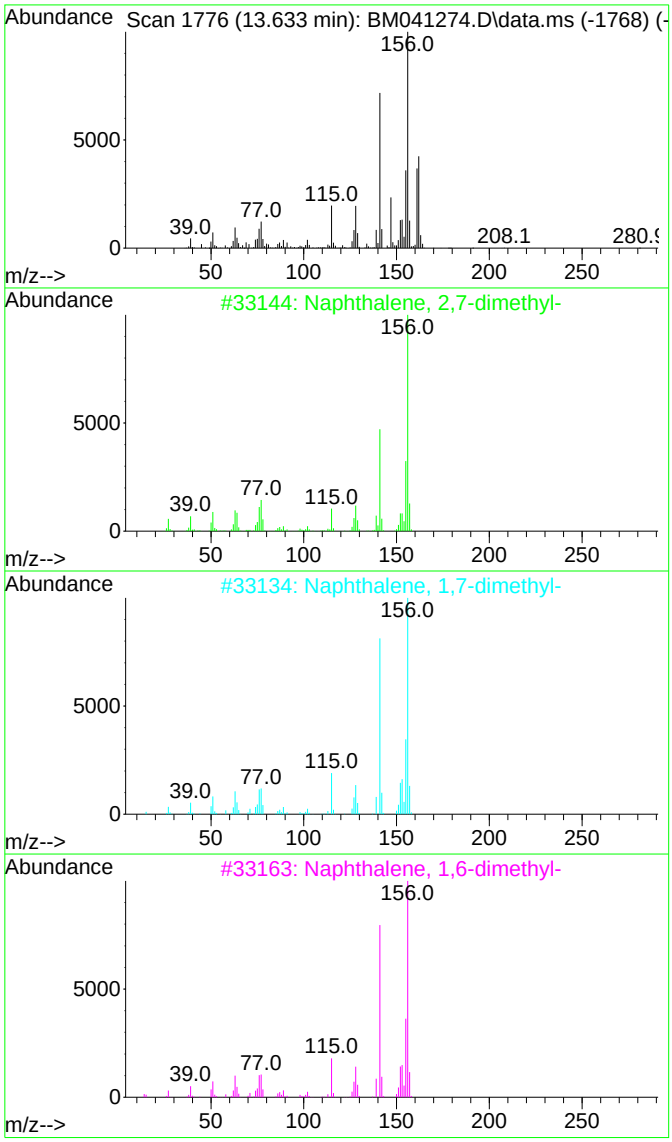
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

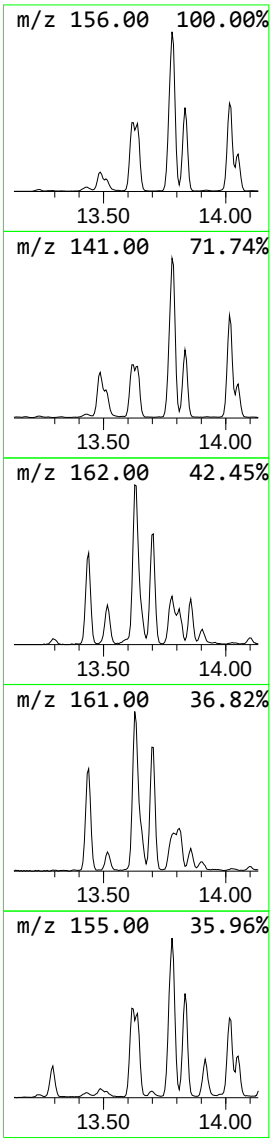
****

Peak Number 1 Naphthalene, 2,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.633	14.54 ng	1548810	Acenaphthene-d10	14.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041274.D
Acq On : 03 Aug 2023 22:42
Operator : MA/JU
Sample : 03815-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-A-1-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

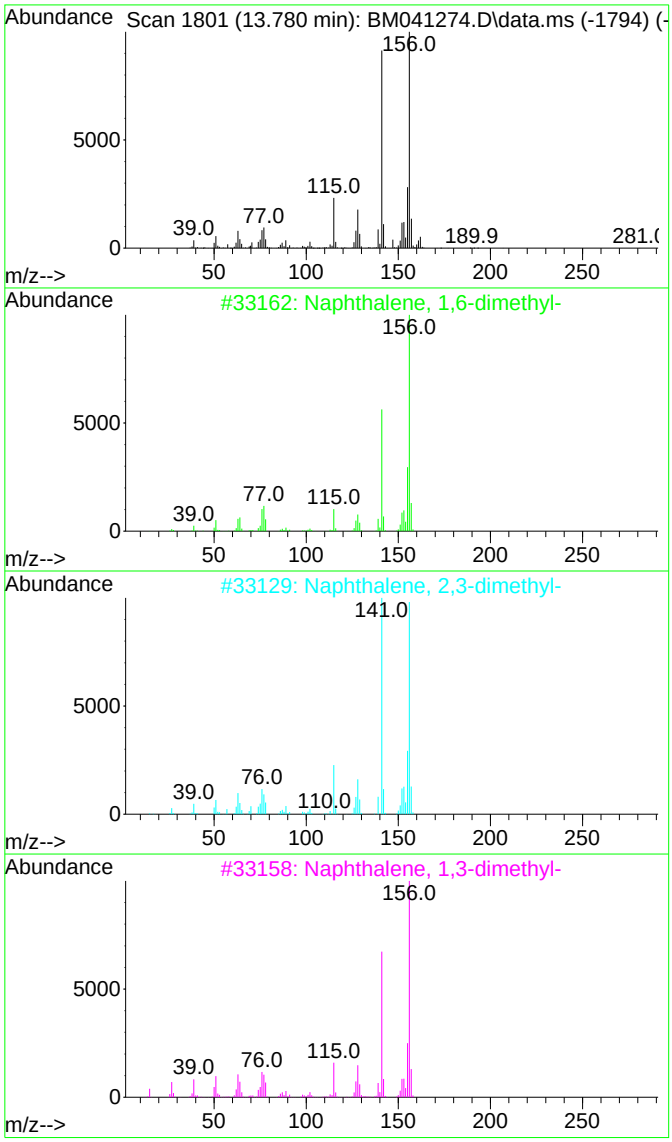
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

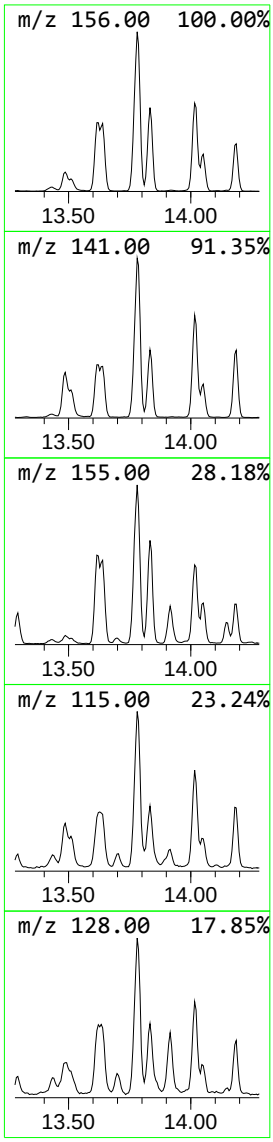
****

Peak Number 2 Naphthalene, 1,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.780	20.10 ng	2140680	Acenaphthene-d10	14.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041274.D
Acq On : 03 Aug 2023 22:42
Operator : MA/JU
Sample : 03815-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-A-1-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

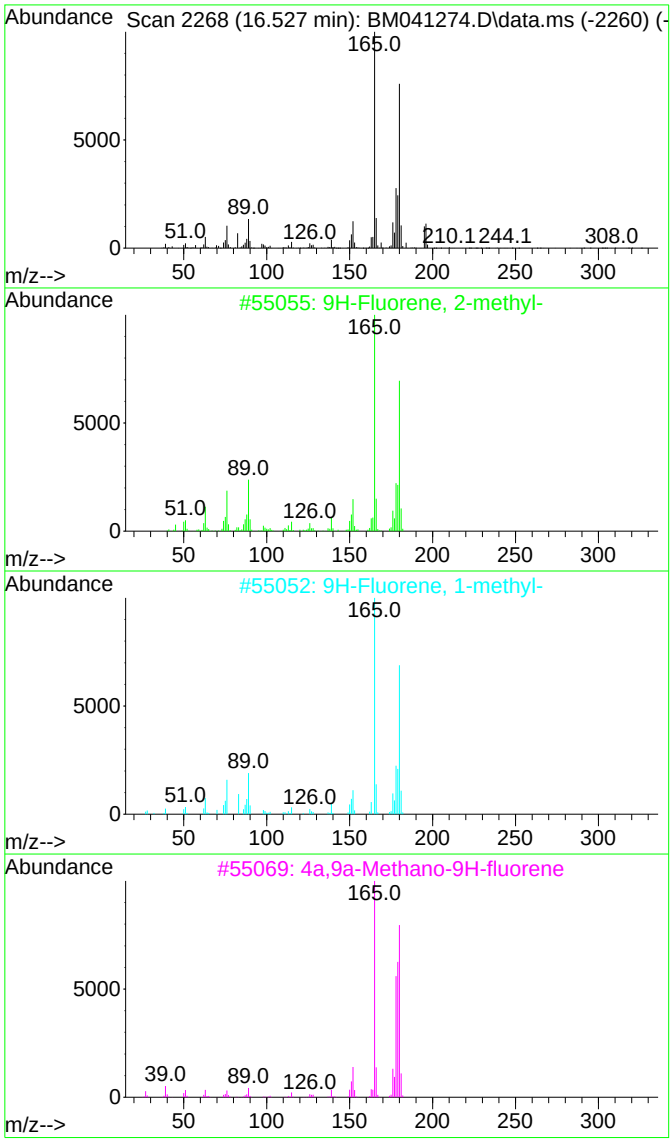
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

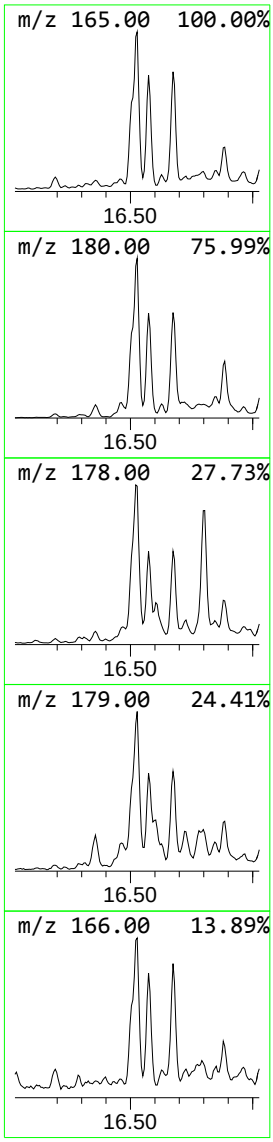
****

Peak Number 3 9H-Fluorene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.527	22.77 ng	2530200	Phenanthrene-d10	17.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	92
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	86
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041274.D
Acq On : 03 Aug 2023 22:42
Operator : MA/JU
Sample : 03815-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-A-1-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

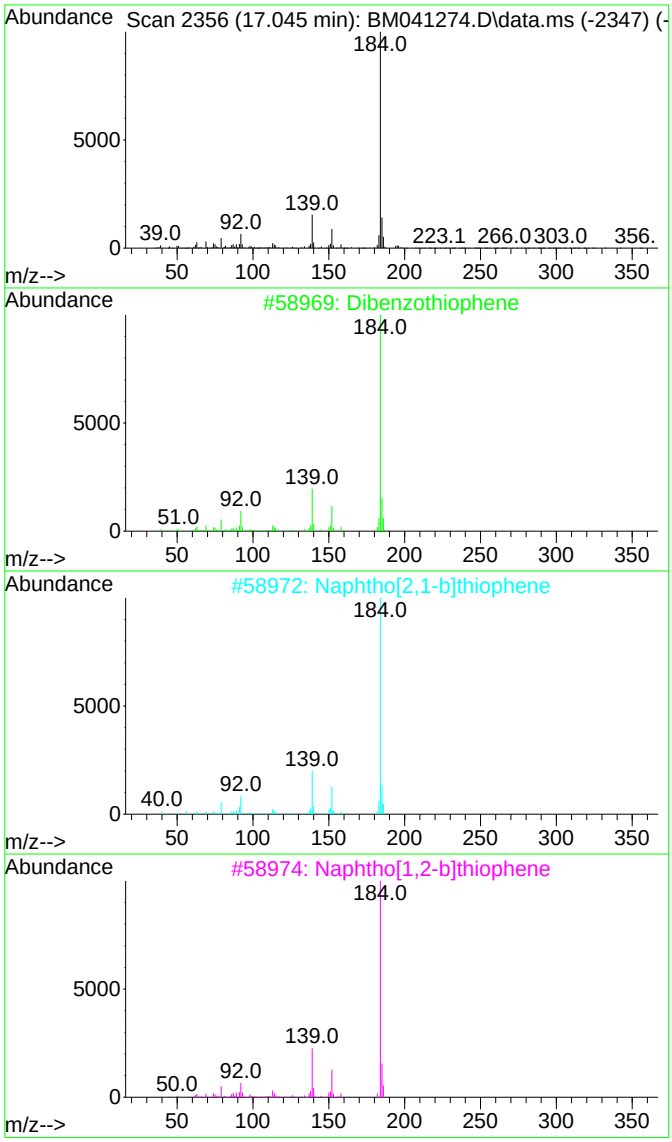
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

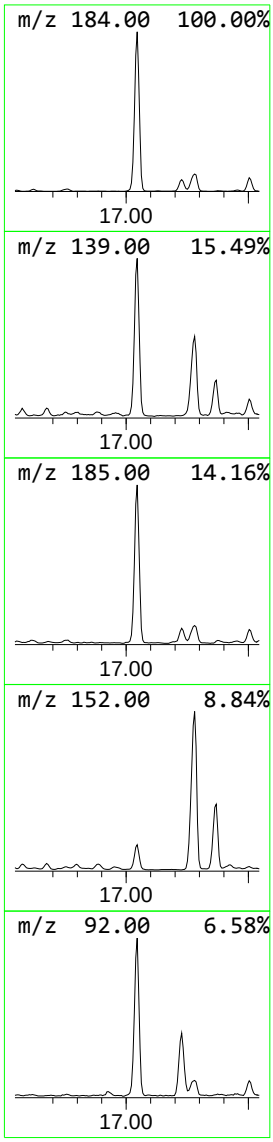
****

Peak Number 4 Dibenzothiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.045	39.18 ng	4353100	Phenanthrene-d10	17.227

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	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041274.D
Acq On : 03 Aug 2023 22:42
Operator : MA/JU
Sample : 03815-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-A-1-(0-5)

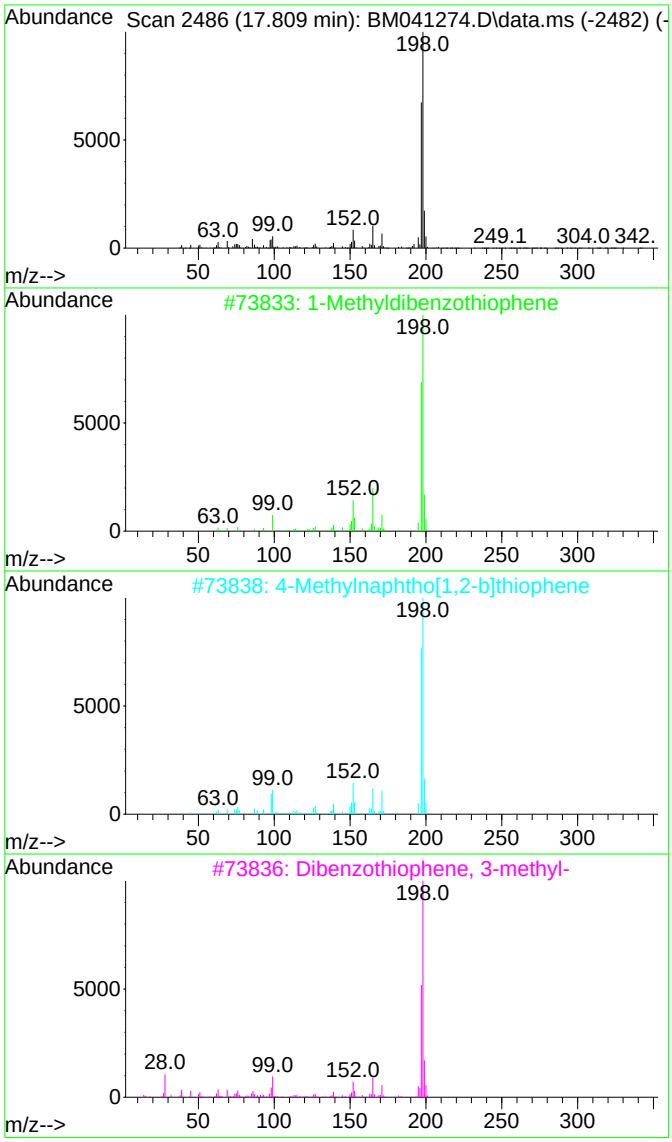
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

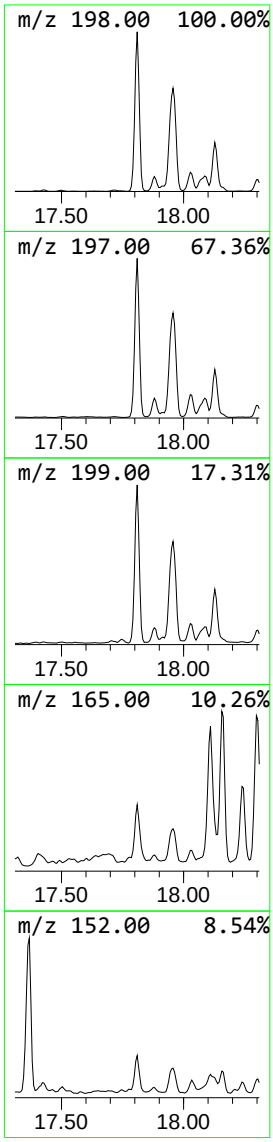
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1-Methyldibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.810	27.03 ng	3002630	Phenanthrene-d10	17.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	97
2	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	96
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	95
4	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	94
5	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041274.D
Acq On : 03 Aug 2023 22:42
Operator : MA/JU
Sample : 03815-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-A-1-(0-5)

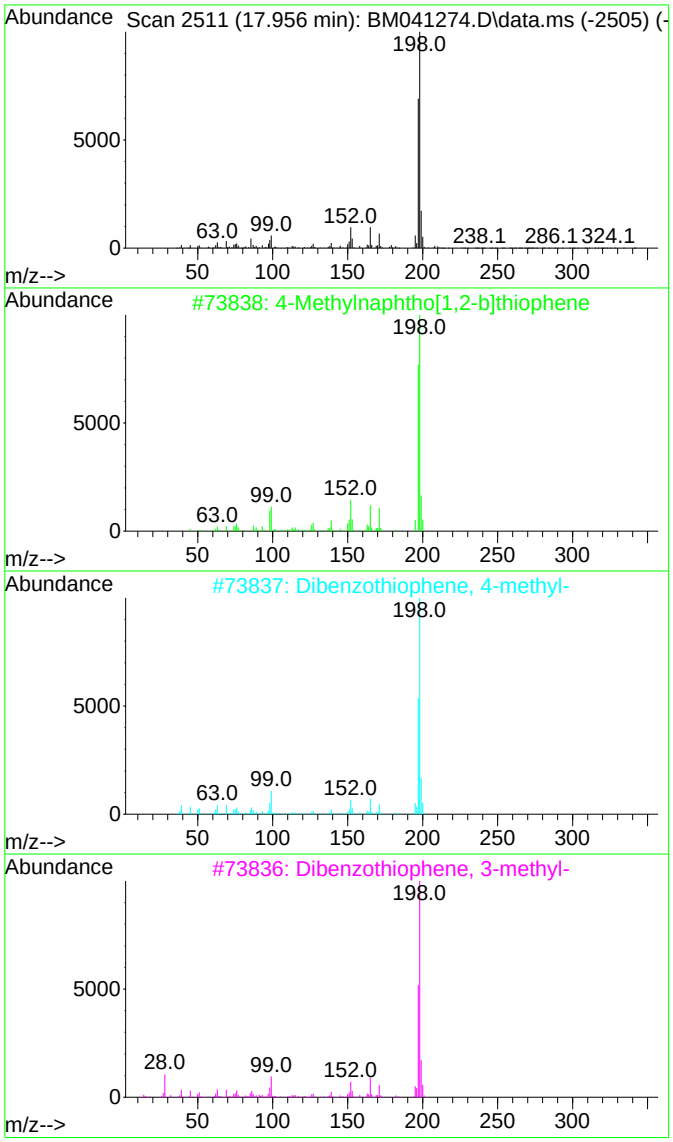
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

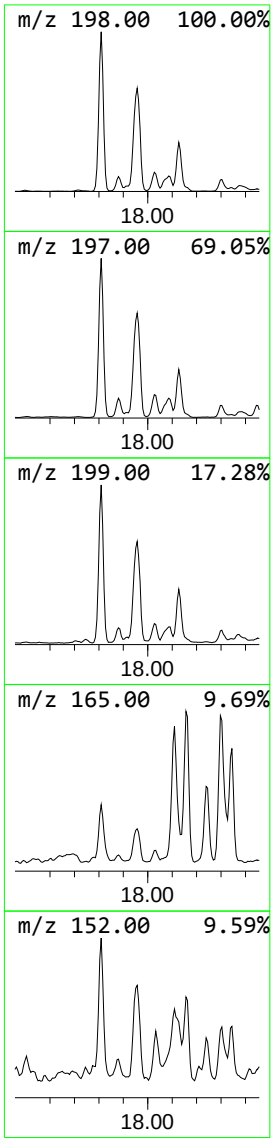
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.956	22.50 ng	2499620	Phenanthrene-d10	17.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	96
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	94
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	94
4	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	93
5	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041274.D
Acq On : 03 Aug 2023 22:42
Operator : MA/JU
Sample : 03815-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-A-1-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

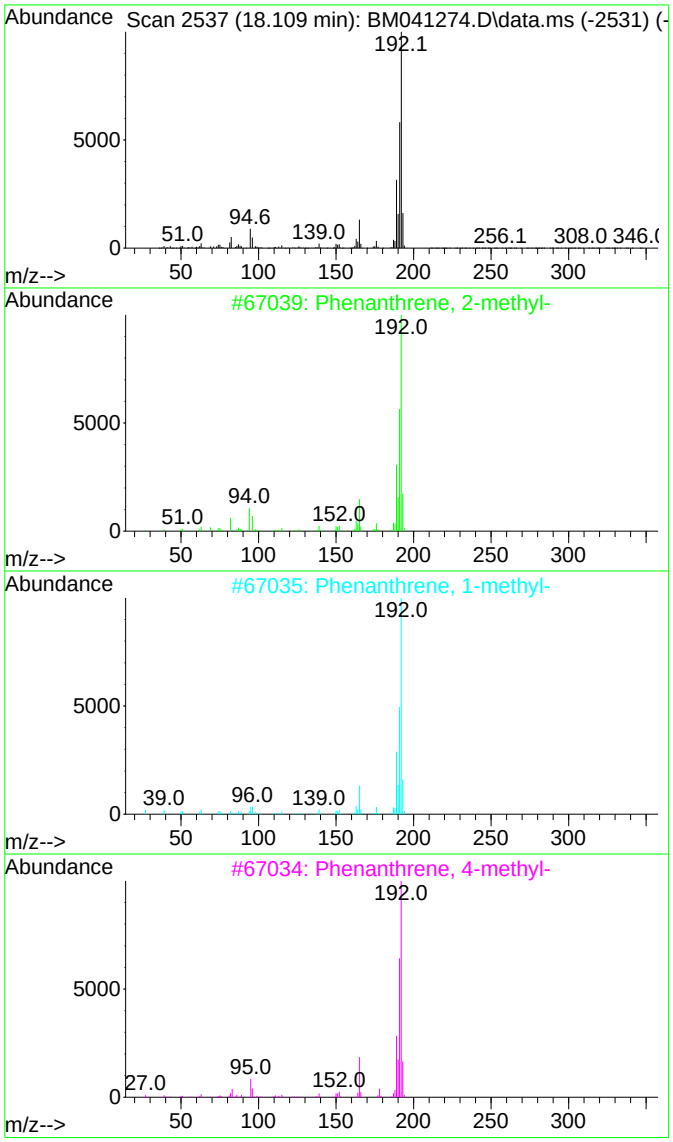
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

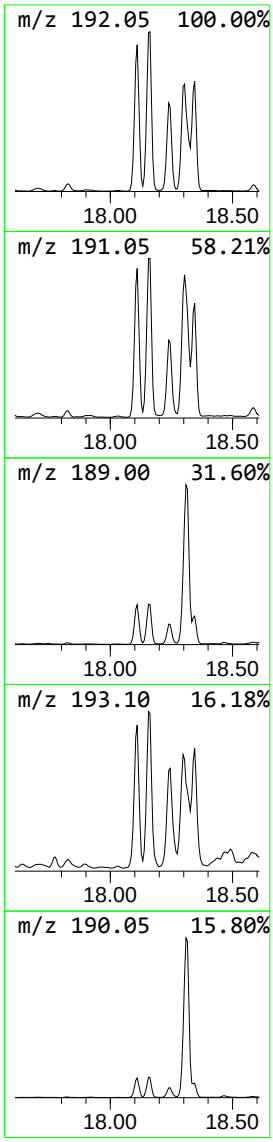
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.109	67.64 ng	7514860	Phenanthrene-d10	17.227

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	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041274.D
Acq On : 03 Aug 2023 22:42
Operator : MA/JU
Sample : 03815-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-A-1-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

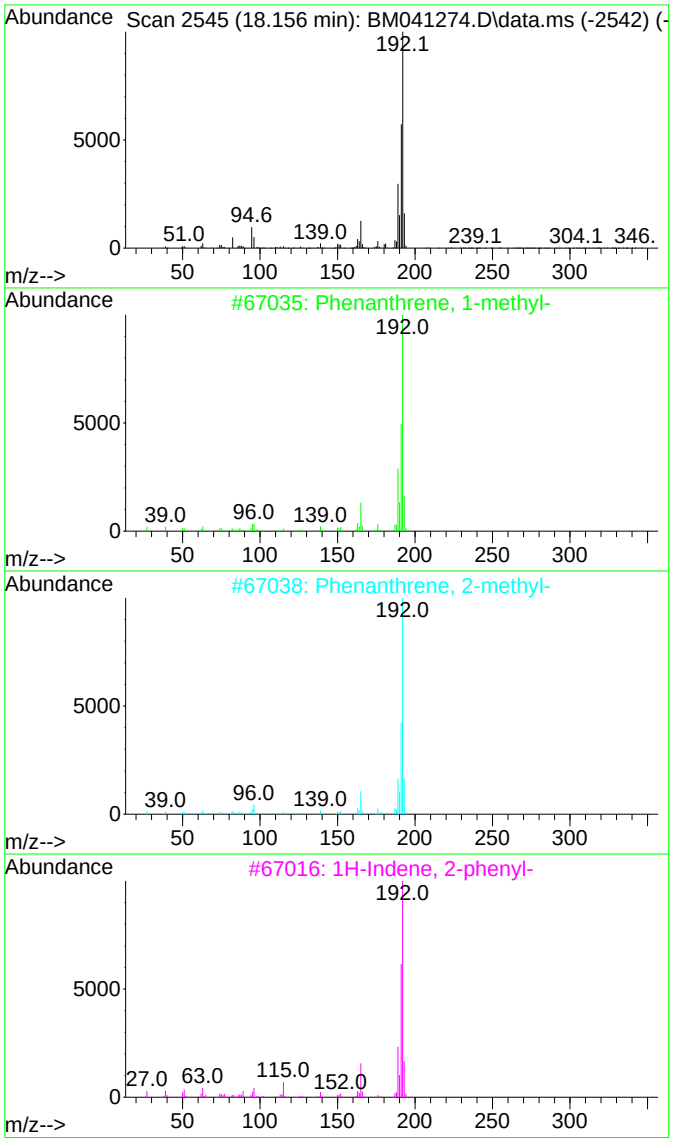
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

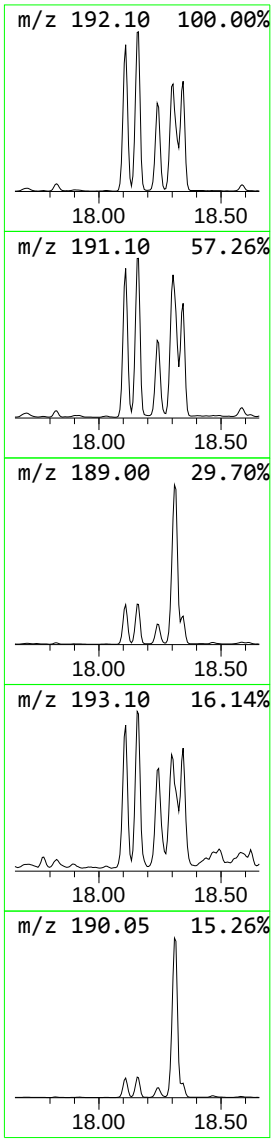
****

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.157	57.08 ng	6341640	Phenanthrene-d10	17.227

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	97
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041274.D
Acq On : 03 Aug 2023 22:42
Operator : MA/JU
Sample : 03815-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-A-1-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

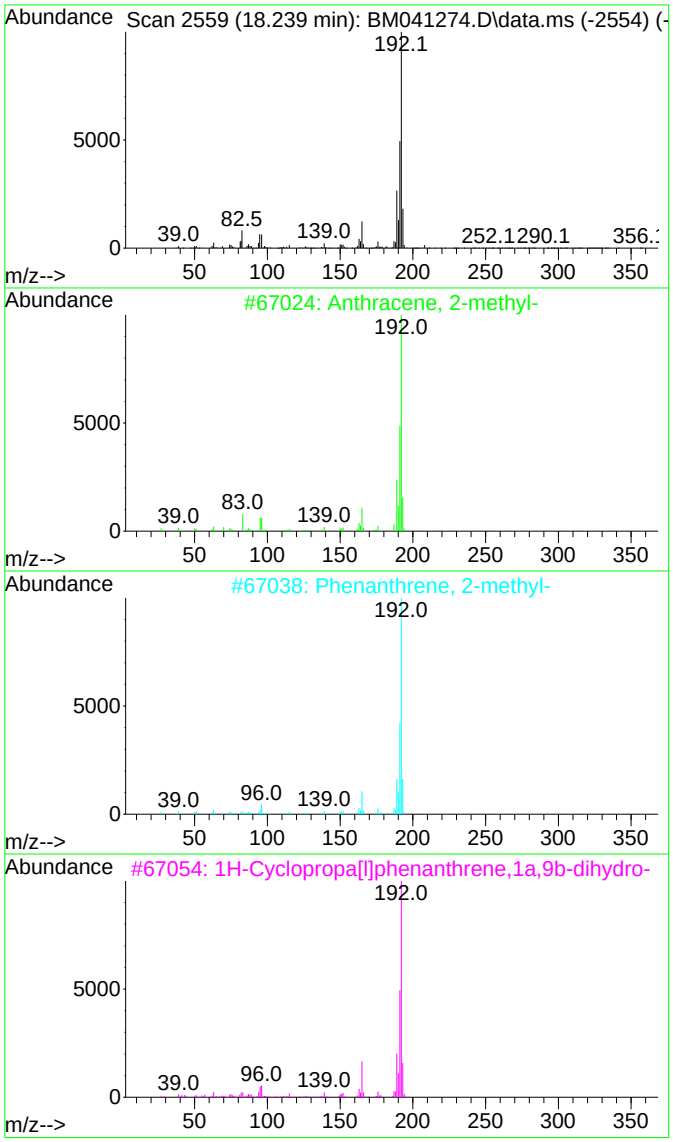
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

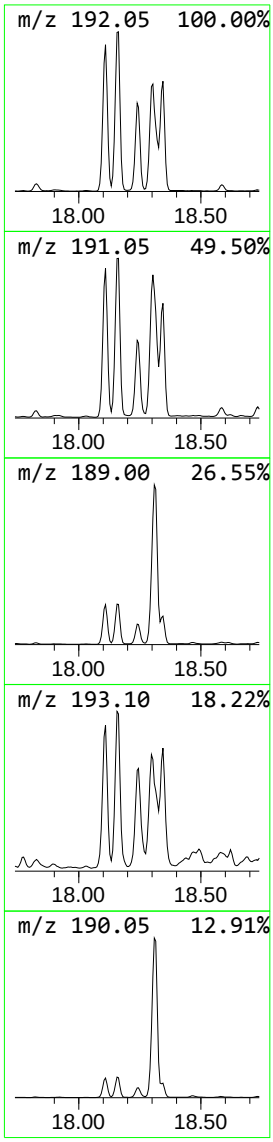
****

Peak Number 9 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	30.38 ng	3375160	Phenanthrene-d10	17.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041274.D
Acq On : 03 Aug 2023 22:42
Operator : MA/JU
Sample : 03815-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-A-1-(0-5)

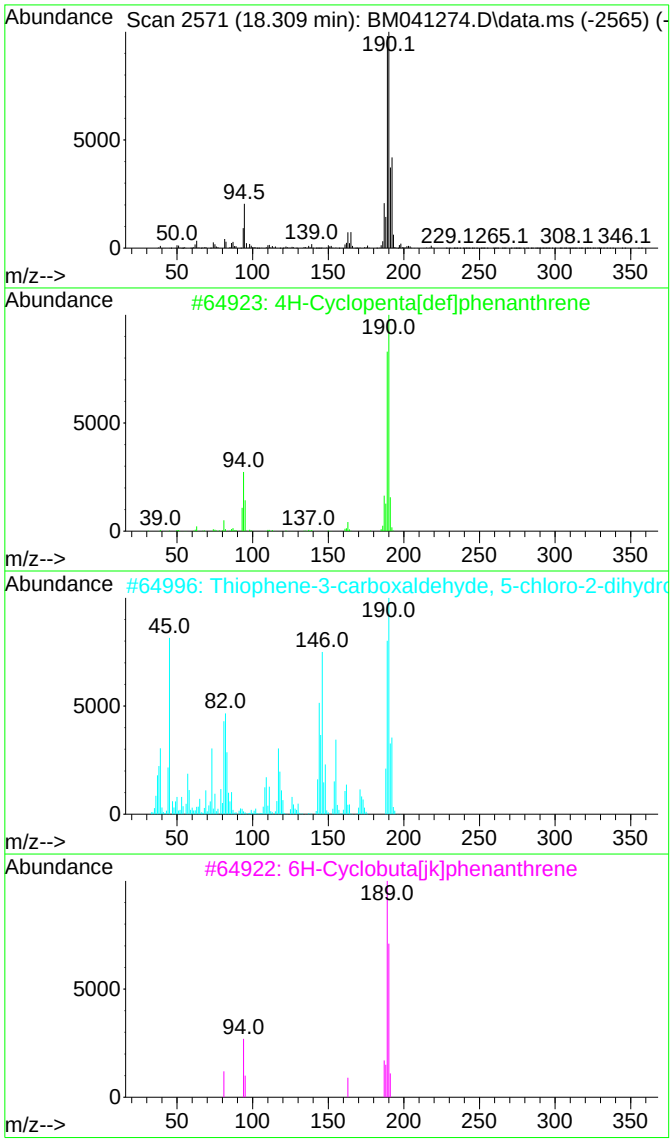
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

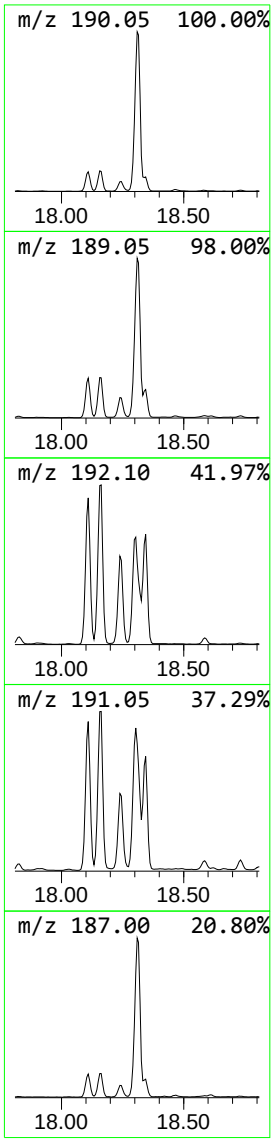
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.309	122.05 ng	13559000	Phenanthrene-d10	17.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041274.D
Acq On : 03 Aug 2023 22:42
Operator : MA/JU
Sample : 03815-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-A-1-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

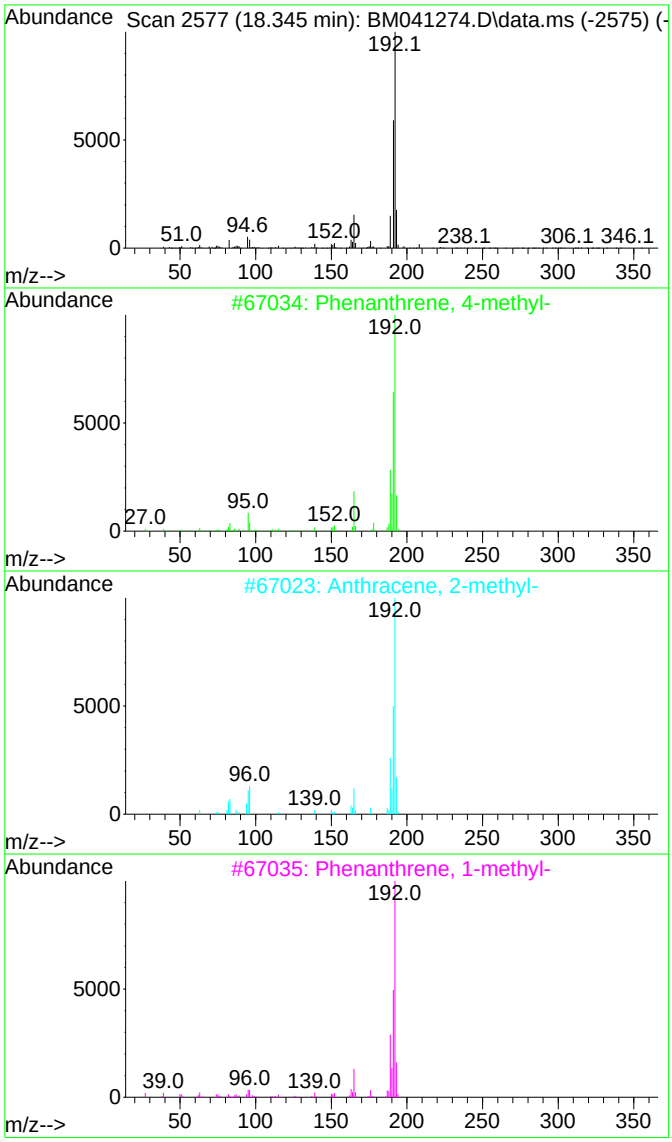
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

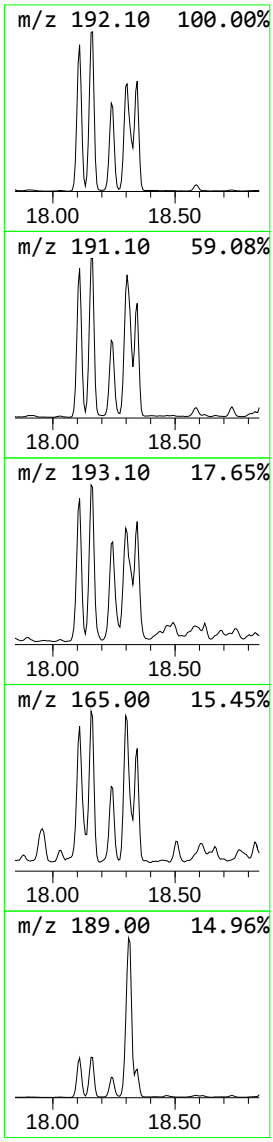
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.345	29.30 ng	3255290	Phenanthrene-d10	17.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041274.D
Acq On : 03 Aug 2023 22:42
Operator : MA/JU
Sample : 03815-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-A-1-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

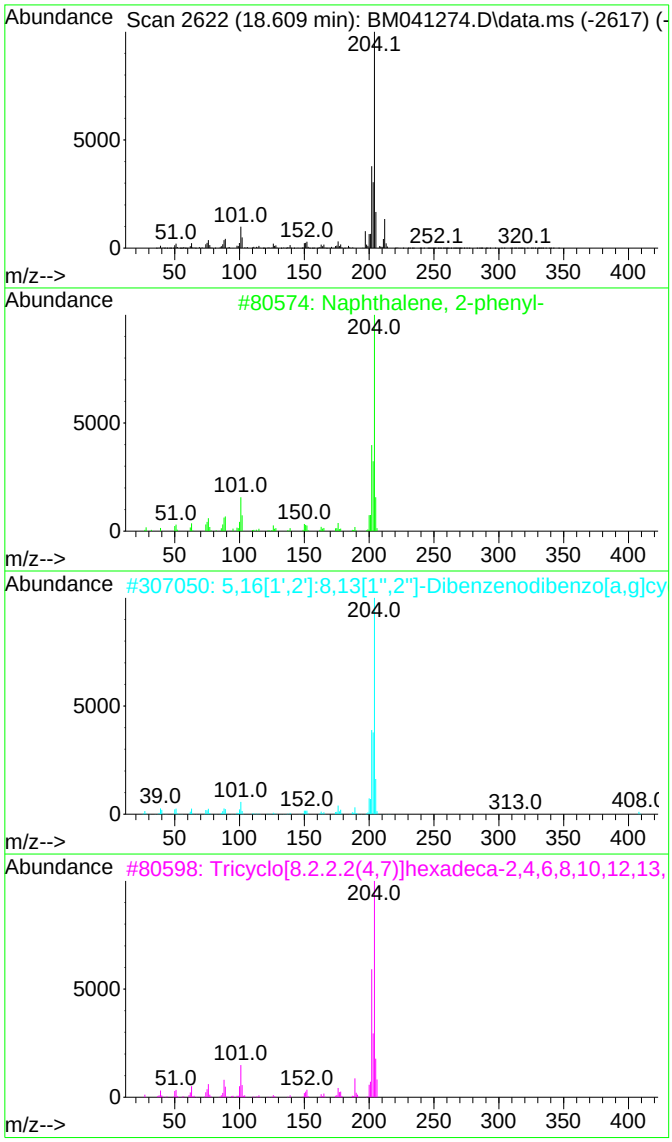
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

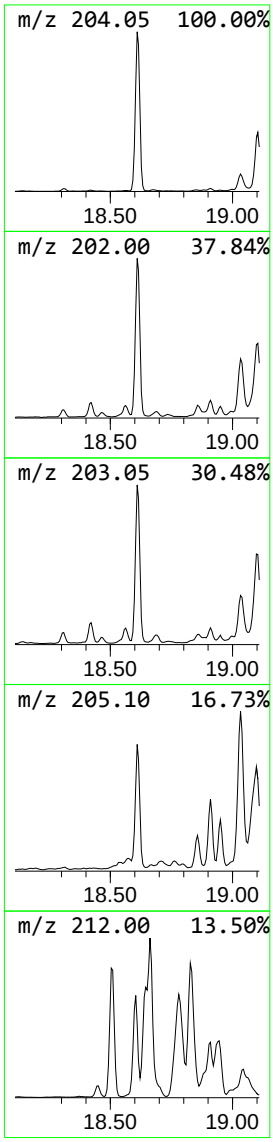
****

Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.609	38.33 ng	4258100	Phenanthrene-d10	17.227

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	83
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041274.D
Acq On : 03 Aug 2023 22:42
Operator : MA/JU
Sample : 03815-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-A-1-(0-5)

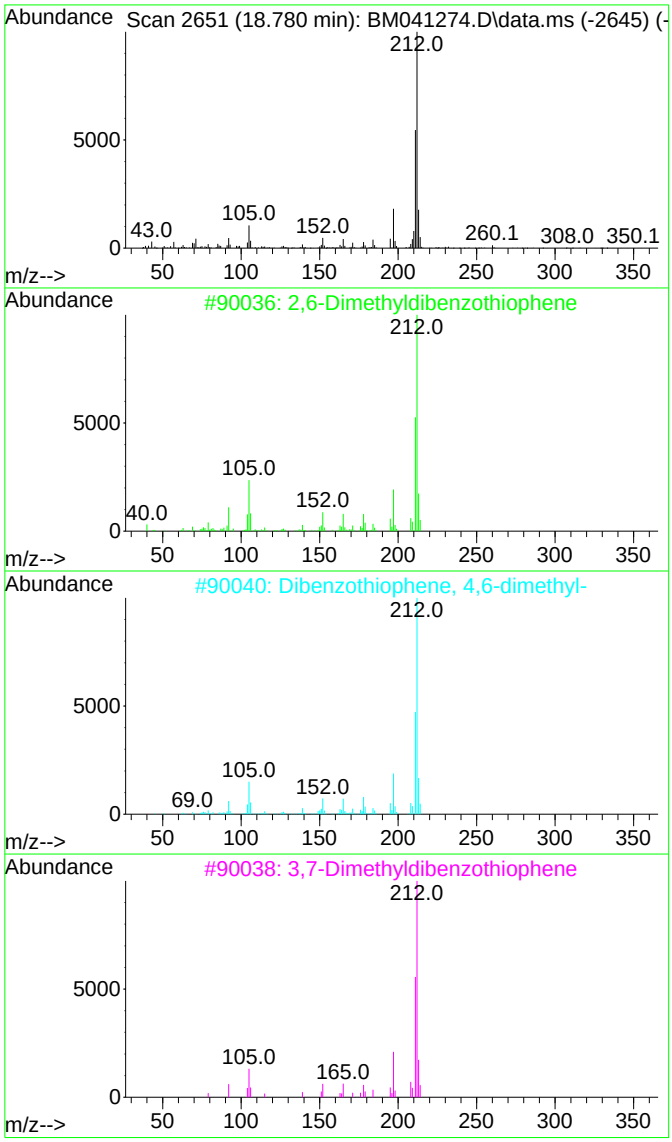
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

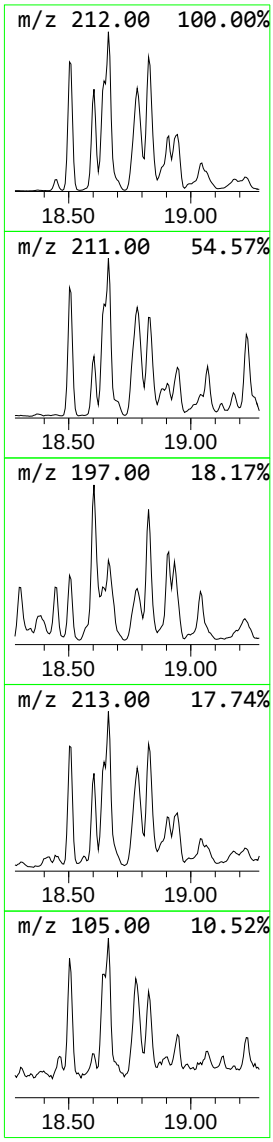
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 2,6-Dimethyldibenzothiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.780	14.13 ng	1569440	Phenanthrene-d10	17.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	93
2	Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	93
3	3,7-Dimethyldibenzothiophene	212	C14H12S	001136-85-2	93
4	2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	91
5	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041274.D
Acq On : 03 Aug 2023 22:42
Operator : MA/JU
Sample : 03815-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-A-1-(0-5)

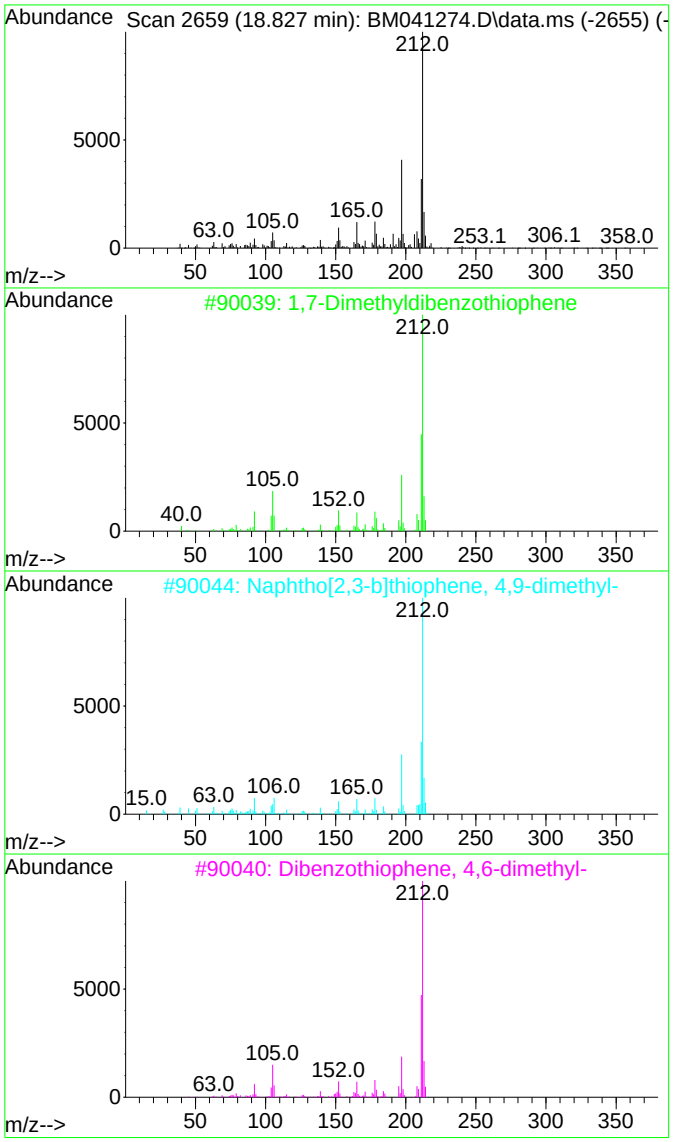
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

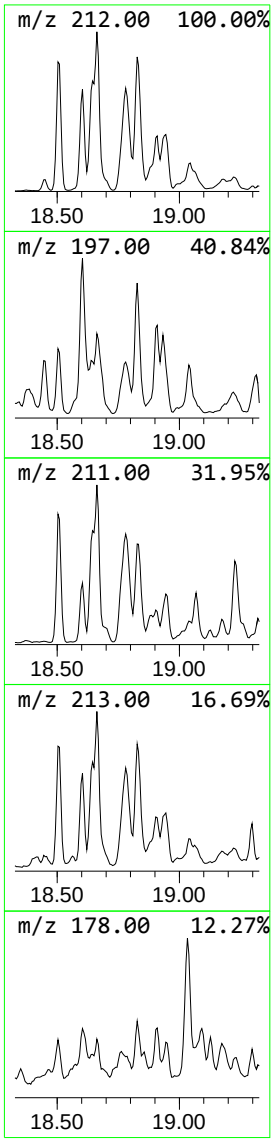
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1,7-Dimethyldibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.827	14.60 ng	1621730	Phenanthrene-d10	17.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,7-Dimethyldibenzothiophene	212	C14H12S	089816-53-5	95
2	Naphtho[2,3-b]thiophene, 4,9-dim...	212	C14H12S	016587-34-1	94
3	Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	86
4	2-Amino-3,4-dimethylimidazo(4,5-...	212	C12H12N4	1000423-13-9	86
5	Benzoic acid, 3,4,5-trimethoxy-	212	C10H12O5	000118-41-2	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041274.D
Acq On : 03 Aug 2023 22:42
Operator : MA/JU
Sample : 03815-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-A-1-(0-5)

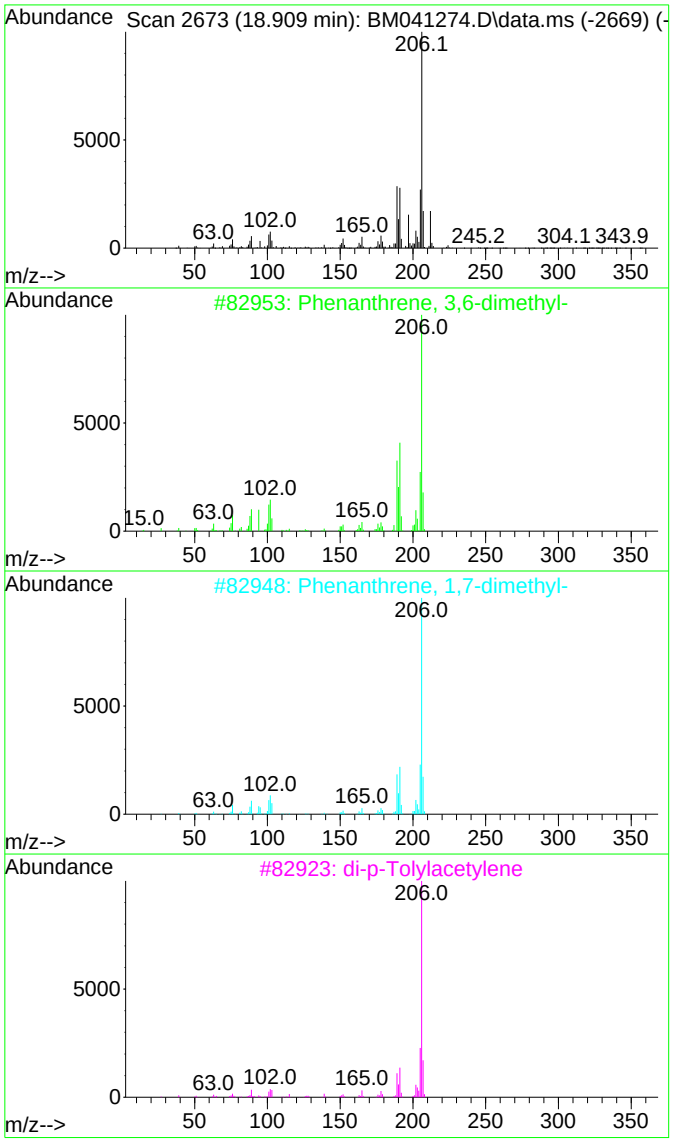
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

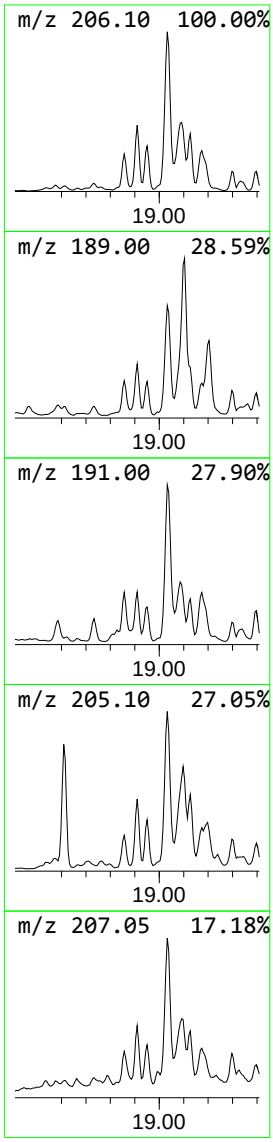
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Phenanthrene, 3,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.909	19.59 ng	2176420	Phenanthrene-d10	17.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041274.D
Acq On : 03 Aug 2023 22:42
Operator : MA/JU
Sample : 03815-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-A-1-(0-5)

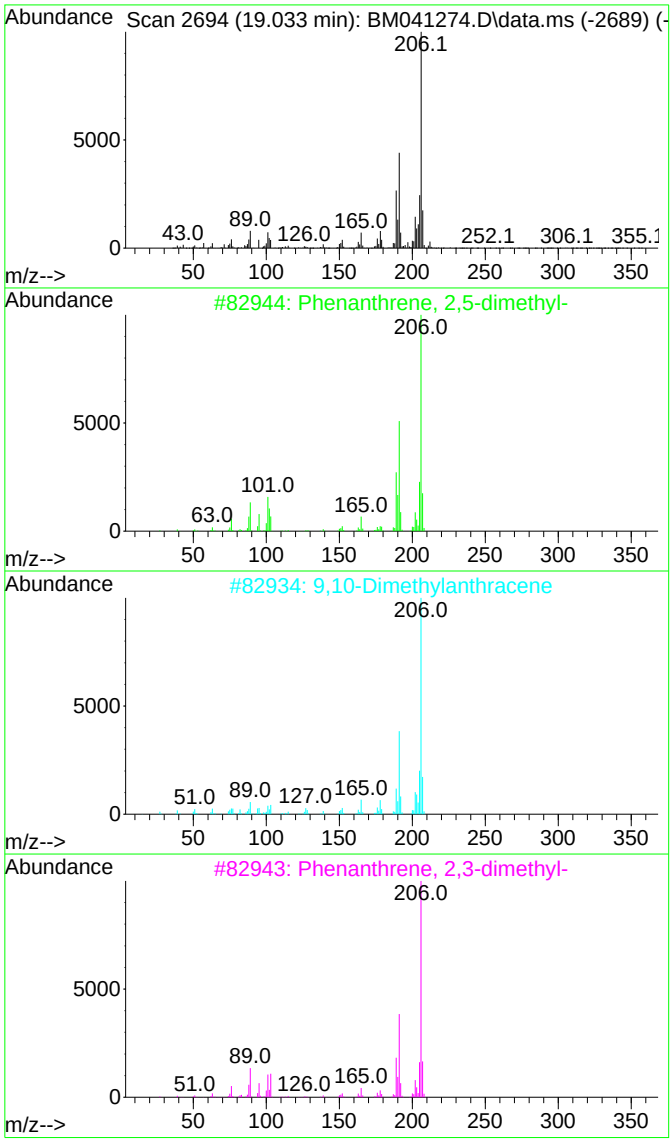
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

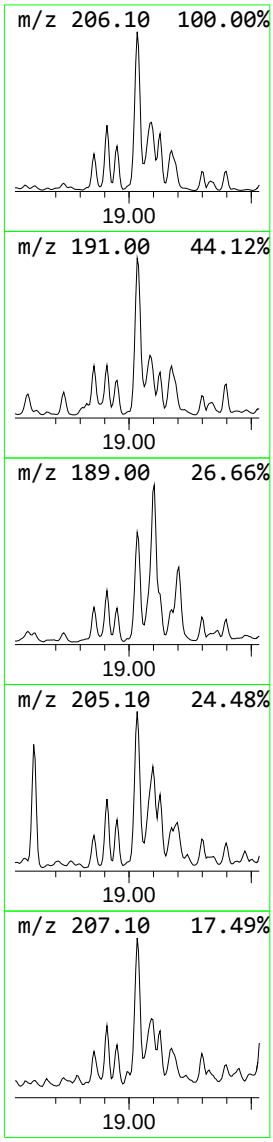
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.033	49.00 ng	5443390	Phenanthrene-d10	17.227

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	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041274.D
Acq On : 03 Aug 2023 22:42
Operator : MA/JU
Sample : 03815-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-A-1-(0-5)

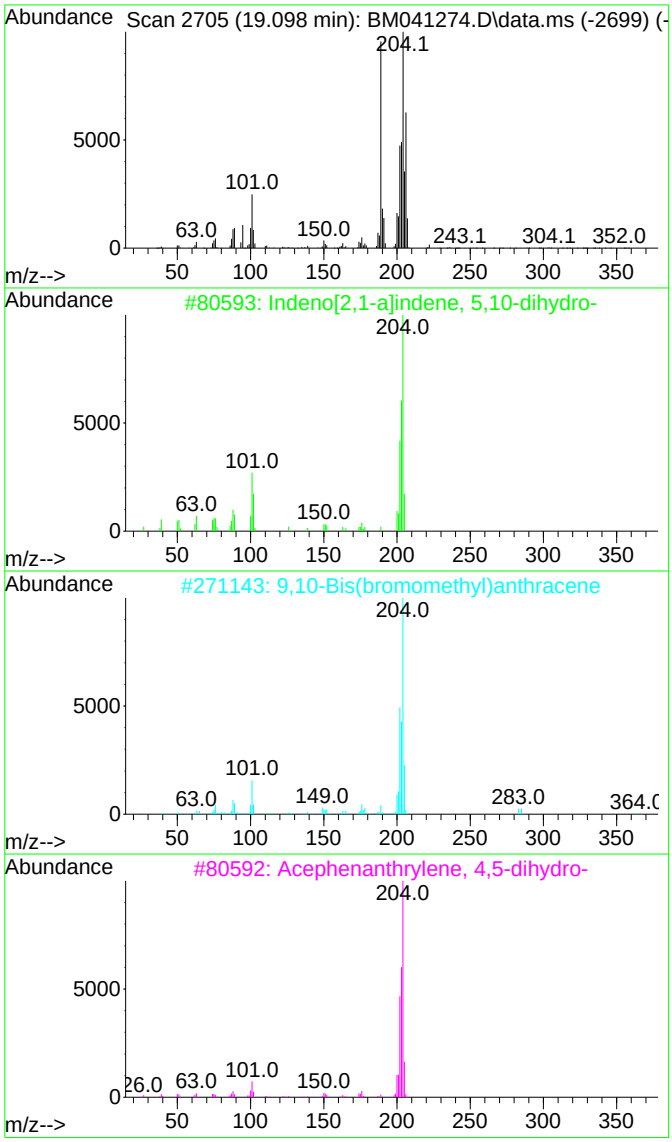
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

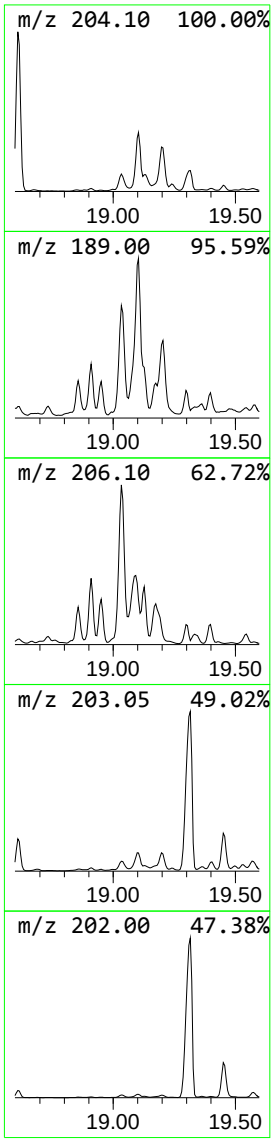
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Indeno[2,1-a]indene, 5,10-d... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.098	21.95 ng	2438540	Phenanthrene-d10	17.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	62
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	49
3	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	46
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	43
5	1H-Indol-6-ylamine, TMS derivative	204	C11H16N2Si	1000484-86-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041274.D
Acq On : 03 Aug 2023 22:42
Operator : MA/JU
Sample : 03815-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-A-1-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

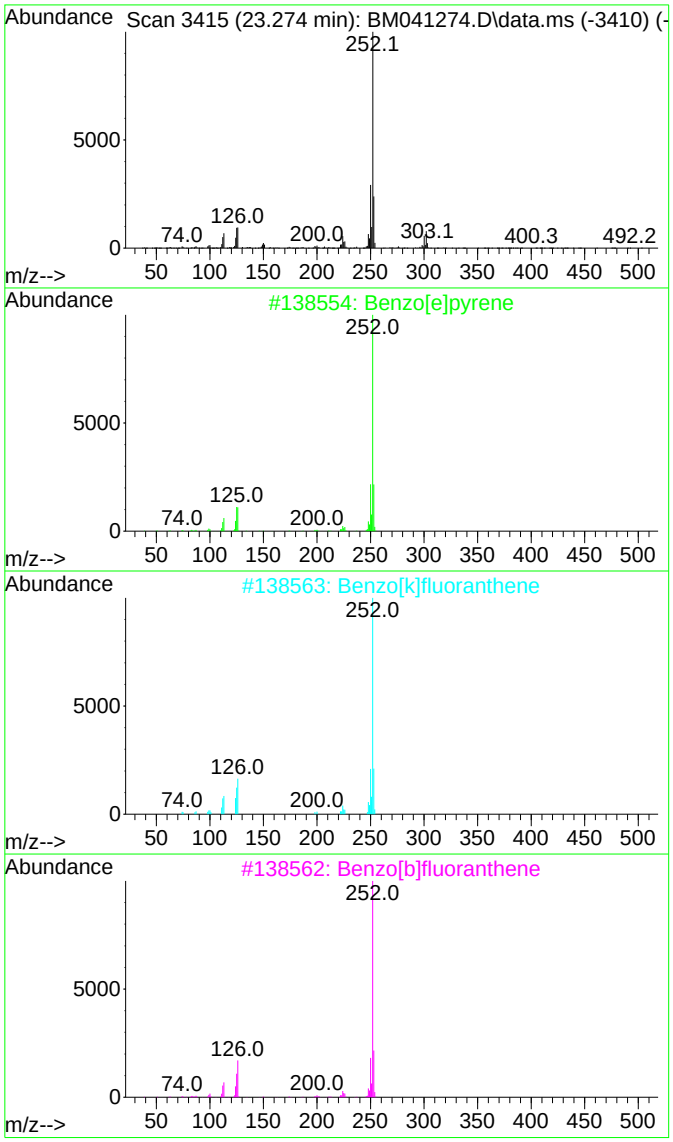
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

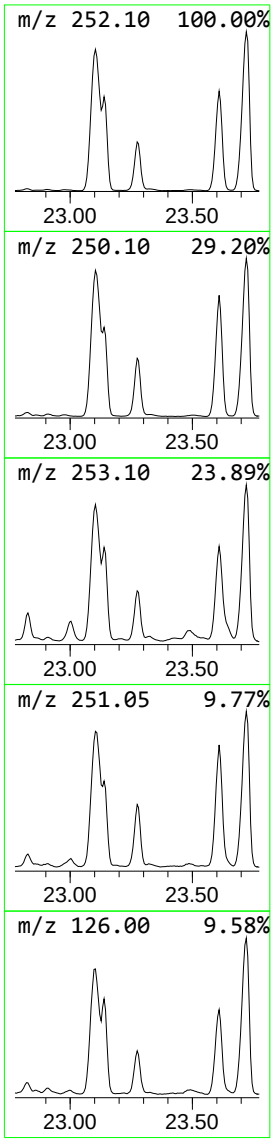
****

Peak Number 18 Benzo[e]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.274	21.57 ng	3887750	Perylene-d12	23.815

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041274.D
Acq On : 03 Aug 2023 22:42
Operator : MA/JU
Sample : 03815-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-A-1-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

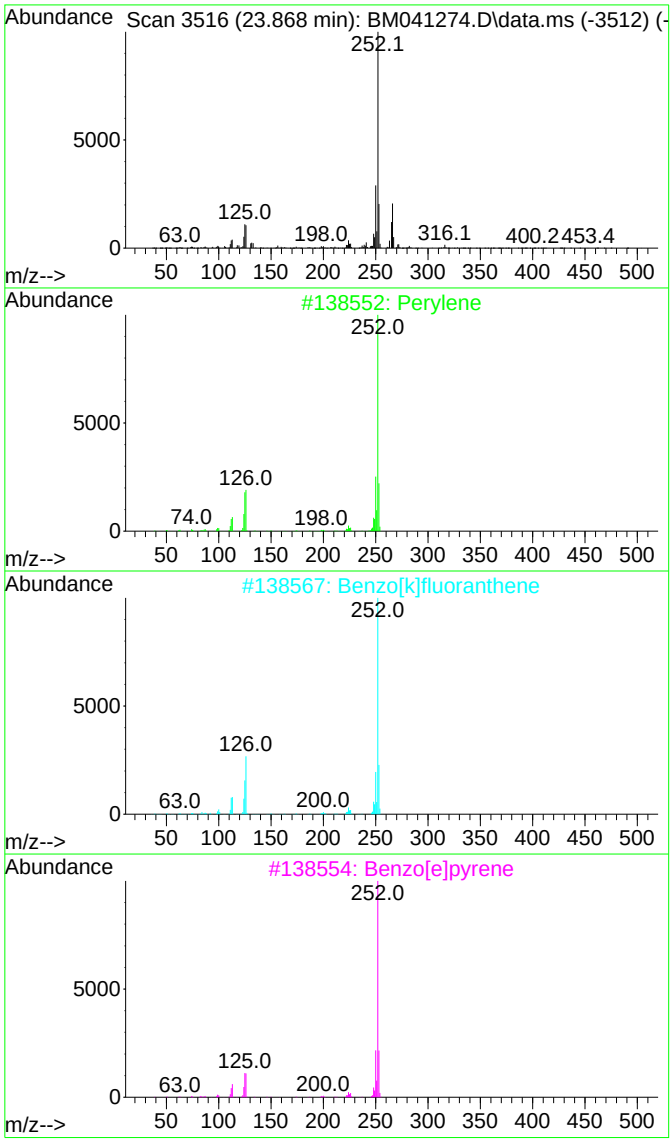
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

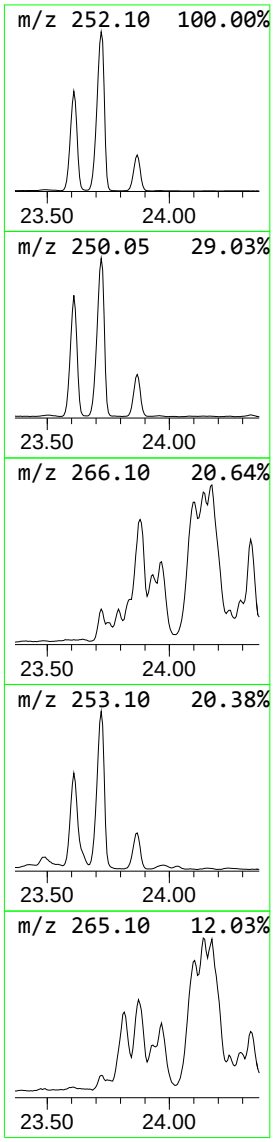
****

Peak Number 20 Perylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.868	20.00 ng	3604840	Perylene-d12	23.815

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	93
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benzo[e]pyrene	252	C20H12	000192-97-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041274.D
Acq On : 03 Aug 2023 22:42
Operator : MA/JU
Sample : 03815-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-A-1-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.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, 2,...	13.633	14.5	ng	1548810	3	14.463	2130010	20.0
Naphthalene, 1,...	13.780	20.1	ng	2140680	3	14.463	2130010	20.0
9H-Fluorene, 2-...	16.527	22.8	ng	2530200	4	17.227	2221950	20.0
Dibenzothiophene	17.045	39.2	ng	4353100	4	17.227	2221950	20.0
1-Methyldibenzo...	17.810	27.0	ng	3002630	4	17.227	2221950	20.0
4-Methylnaphtho...	17.956	22.5	ng	2499620	4	17.227	2221950	20.0
Phenanthrene, 2...	18.109	67.6	ng	7514860	4	17.227	2221950	20.0
Phenanthrene, 1...	18.157	57.1	ng	6341640	4	17.227	2221950	20.0
Anthracene, 2-m...	18.239	30.4	ng	3375160	4	17.227	2221950	20.0
4H-Cyclopenta[d...	18.309	122.1	ng	13559000	4	17.227	2221950	20.0
Phenanthrene, 4...	18.345	29.3	ng	3255290	4	17.227	2221950	20.0
Naphthalene, 2-...	18.609	38.3	ng	4258100	4	17.227	2221950	20.0
2,6-Dimethyldib...	18.780	14.1	ng	1569440	4	17.227	2221950	20.0
1,7-Dimethyldib...	18.827	14.6	ng	1621730	4	17.227	2221950	20.0
Phenanthrene, 3...	18.909	19.6	ng	2176420	4	17.227	2221950	20.0
Phenanthrene, 2...	19.033	49.0	ng	5443390	4	17.227	2221950	20.0
Indeno[2,1-a]in...	19.098	21.9	ng	2438540	4	17.227	2221950	20.0
Benzo[e]pyrene	23.274	21.6	ng	3887750	6	23.815	3604840	20.0
Perylene	23.868	20.0	ng	3604840	6	23.815	3604840	20.0