LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
Data File : BM041376.D
Acq On : 10 Aug 2023 23:21
Operator : MA/JU
Sample : 03954-13 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-19

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: BM041376.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	10.627	1259	1265	1273	rVB	5719680	9263583	15.23%	1.400%
2	12.245	1534	1540	1548	rBV	2464853	3768342	6.19%	0.569%
3	12.469	1568	1578	1588	rVB	1655656	2576540	4.24%	0.389%
4	13.269	1706	1714	1726	rVB	678601	1044022	1.72%	0.158%
5	13.592	1761	1769	1771	rBV	566021	889078	1.46%	0.134%
6	13.757	1790	1797	1802	rBV	1099559	1990307	3.27%	0.301%
7	13.810	1802	1806	1815	rVB	795131	1150155	1.89%	0.174%
8	13.992	1826	1837	1840	rBV	618678	944393	1.55%	0.143%
9	14.157	1861	1865	1875	rVB	876250	1331505	2.19%	0.201%
10	14.504	1918	1924	1932	rVV	4980163	7266793	11.95%	1.098%
11	14.751	1957	1966	1970	rBV2	532527	952343	1.57%	0.144%
12	14.845	1975	1982	1987	rVV	3898866	5735017	9.43%	0.867%
13	15.498	2086	2093	2103	rVV	6160095	8899961	14.63%	1.345%
14	15.615	2110	2113	2116	rVV	795825	1119273	1.84%	0.169%
15	15.657	2116	2120	2124	rVV	877069	1313794	2.16%	0.199%
16	15.786	2138	2142	2150	rVB	1196023	1889867	3.11%	0.286%
17	15.939	2163	2168	2175	rVB2	1525232	2871960	4.72%	0.434%
18	16.168	2197	2207	2219	rVB6	282433	974772	1.60%	0.147%
19	16.504	2252	2264	2268	rBV3	1143005	2914003	4.79%	0.440%
20	16.551	2268	2272	2277	rVB2	759997	1038124	1.71%	0.157%
21	16.868	2320	2326	2331	rVB	1322203	1941267	3.19%	0.293%
22	16.951	2331	2340	2346	rVV3	819301	2053770	3.38%	0.310%
23	17.021	2346	2352	2361	rVB	2799454	4076042	6.70%	0.616%
24	17.268	2385	2394	2398	rVV2	29498445	58567050	96.28%	8.850%
25	17.345	2399	2407	2412	rVV	11054730	15327044	25.20%	2.316%
26	17.404	2412	2417	2421	rVB	707849	1147410	1.89%	0.173%
27	17.621	2445	2454	2461	rBV2	4398089	7533588	12.38%	1.138%
28	17.721	2468	2471	2478	rBV2	868275	1427230	2.35%	0.216%
29	17.786	2478	2482	2491	rVB3	851060	1658731	2.73%	0.251%
30	17.927	2502	2506	2515	rVB	562623	1061419	1.74%	0.160%
31	18.086	2524	2533	2537	rVV	5853191	8528150	14.02%	1.289%
32	18.133	2537	2541	2547	rVB	7542366	10277366	16.89%	1.553%
33	18.215	2547	2555	2560	rBV	2622303	3876547	6.37%	0.586%
34	18.286	2560	2567	2570	rVV2	7722951	13824986	22.73%	2.089%
35	18.321	2570	2573	2580	rVB	3932078	4962294	8.16%	0.750%
36	18.586	2613	2618	2624	rVV	3831668	5337988	8.77%	0.807%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
Data File : BM041376.D
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-19

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	18.645	2624	2628	2634	rVB	2747429	3826423	6.29%	0.578%
38	18.833	2652	2660	2665	rBV	1309204	2404843	3.95%	0.363%
39	18.880	2665	2668	2672	rVV	1156417	1485092	2.44%	0.224%
40	18.921	2672	2675	2680	rVB2	927156	1205766	1.98%	0.182%
41	19.003	2684	2689	2694	rBV	2792344	4817407	7.92%	0.728%
42	19.068	2694	2700	2703	rVV3	1706773	3575831	5.88%	0.540%
43	19.098	2703	2705	2709	rVB	925806	1061607	1.75%	0.160%
44	19.168	2709	2717	2722	rBV3	1673797	3502879	5.76%	0.529%
45	19.298	2729	2739	2743	rBV2	29635606	56243763	92.46%	8.498%
46	19.374	2749	2752	2758	rVB2	1086879	1653820	2.72%	0.250%
47	19.521	2767	2777	2780	rBV3	1646486	3145714	5.17%	0.475%
48	19.556	2780	2783	2788	rVB2	622337	942088	1.55%	0.142%
49	19.662	2788	2801	2805	rBV4	27249224	60831888	100.00%	9.192%
50	19.709	2805	2809	2816	rVB2	2200709	3348664	5.50%	0.506%
51	19.821	2816	2828	2834	rBV2	2254021	5131080	8.43%	0.775%
52	19.886	2834	2839	2846	rVB	1699250	2845137	4.68%	0.430%
53	19.968	2846	2853	2860	rBV3	2515046	6422627	10.56%	0.970%
54	20.027	2860	2863	2870	rBV	729053	1386399	2.28%	0.209%
55	20.103	2870	2876	2878	rBV2	2157771	3814649	6.27%	0.576%
56	20.139	2878	2882	2887	rVB	6022661	8599515	14.14%	1.299%
57	20.239	2895	2899	2903	rBV	4638167	5823512	9.57%	0.880%
58	20.297	2903	2909	2913	rVV2	3692178	5852551	9.62%	0.884%
59	20.333	2913	2915	2919	rVB	1060466	1104487	1.82%	0.167%
60	20.374	2919	2922	2927	rVB2	774334	1083107	1.78%	0.164%
61	20.439	2928	2933	2936	rBV	2650098	3282869	5.40%	0.496%
62	20.486	2936	2941	2944	rVB	2533648	3201175	5.26%	0.484%
63	20.727	2979	2982	2985	rVV3	716378	1101278	1.81%	0.166%
64	20.762	2985	2988	2992	rVV3	1051541	1751779	2.88%	0.265%
65	20.850	2999	3003	3007	rBV3	752402	1451179	2.39%	0.219%
66	20.897	3007	3011	3016	rVB	2704044	3651614	6.00%	0.552%
67	21.056	3031	3038	3041	rBV	3912193	5718896	9.40%	0.864%
68	21.097	3041	3045	3048	rVV	3689514	4927181	8.10%	0.745%
69	21.139	3048	3052	3056	rVV2	2868418	4757028	7.82%	0.719%
70	21.197	3059	3062	3067	rVB	2559802	3297955	5.42%	0.498%
71	21.297	3071	3079	3086	rBV	1078765	2941327	4.84%	0.444%
72	21.409	3088	3098	3102	rBV2	19166528	34069997	56.01%	5.148%
73	21.462	3102	3107	3111	rVB	18346830	25283602	41.56%	3.820%
74	21.574	3122	3126	3133	rVV	3438935	4991032	8.20%	0.754%
75	21.633	3133	3136	3139	rVV3	760437	1262240	2.07%	0.191%
76	21.691	3143	3146	3149	rVV	1356800	1714506	2.82%	0.259%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
Data File : BM041376.D
Acq On : 10 Aug 2023 23:21
Operator : MA/JU
Sample : 03954-13 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-19

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	21.744	3149	3155	3159	rVV2	2079101	3712710	6.10%	0.561%
78	21.786	3159	3162	3166	rVB3	665850	904678	1.49%	0.137%
79	21.880	3174	3178	3182	rBV3	635911	869641	1.43%	0.131%
80	21.927	3182	3186	3189	rVV2	1386158	1962937	3.23%	0.297%
81	21.986	3189	3196	3200	rVV	4047571	7009678	11.52%	1.059%
82	22.039	3201	3205	3211	rVV	2066335	3337122	5.49%	0.504%
83	22.109	3212	3217	3220	rVV2	1267146	2293207	3.77%	0.347%
84	22.144	3220	3223	3227	rVV2	1309351	1977566	3.25%	0.299%
85	22.191	3227	3231	3234	rVV	2032467	3113197	5.12%	0.470%
86	22.227	3235	3237	3243	rVB2	1644977	2074551	3.41%	0.313%
87	22.297	3243	3249	3253	rBV2	1235281	2114282	3.48%	0.319%
88	22.503	3279	3284	3289	rBV6	1305518	2498257	4.11%	0.377%
89	22.797	3330	3334	3339	rBV2	1199078	2064515	3.39%	0.312%
90	23.086	3374	3383	3387	rBV	12790050	31449522	51.70%	4.752%
91	23.121	3387	3389	3394	rVB	7619609	9193626	15.11%	1.389%
92	23.250	3406	3411	3416	rVB	2458802	3948570	6.49%	0.597%
93	23.385	3430	3434	3443	rBV2	711465	2210338	3.63%	0.334%
94	23.585	3461	3468	3478	rVB	7887806	16661857	27.39%	2.518%
95	23.697	3478	3487	3493	rBV	11862379	23942124	39.36%	3.618%
96	23.844	3506	3512	3519	rVB2	3836237	7703067	12.66%	1.164%
97	24.715	3656	3660	3674	rVB3	937110	2539719	4.17%	0.384%
98	26.250	3909	3921	3930	rVB	5746813	18299821	30.08%	2.765%
99	26.515	3960	3966	3974	rVB	1042115	2712632	4.46%	0.410%
100	27.015	4038	4051	4067	rVB	4392586	16167400	26.58%	2.443%

Sum of corrected areas: 661808238

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
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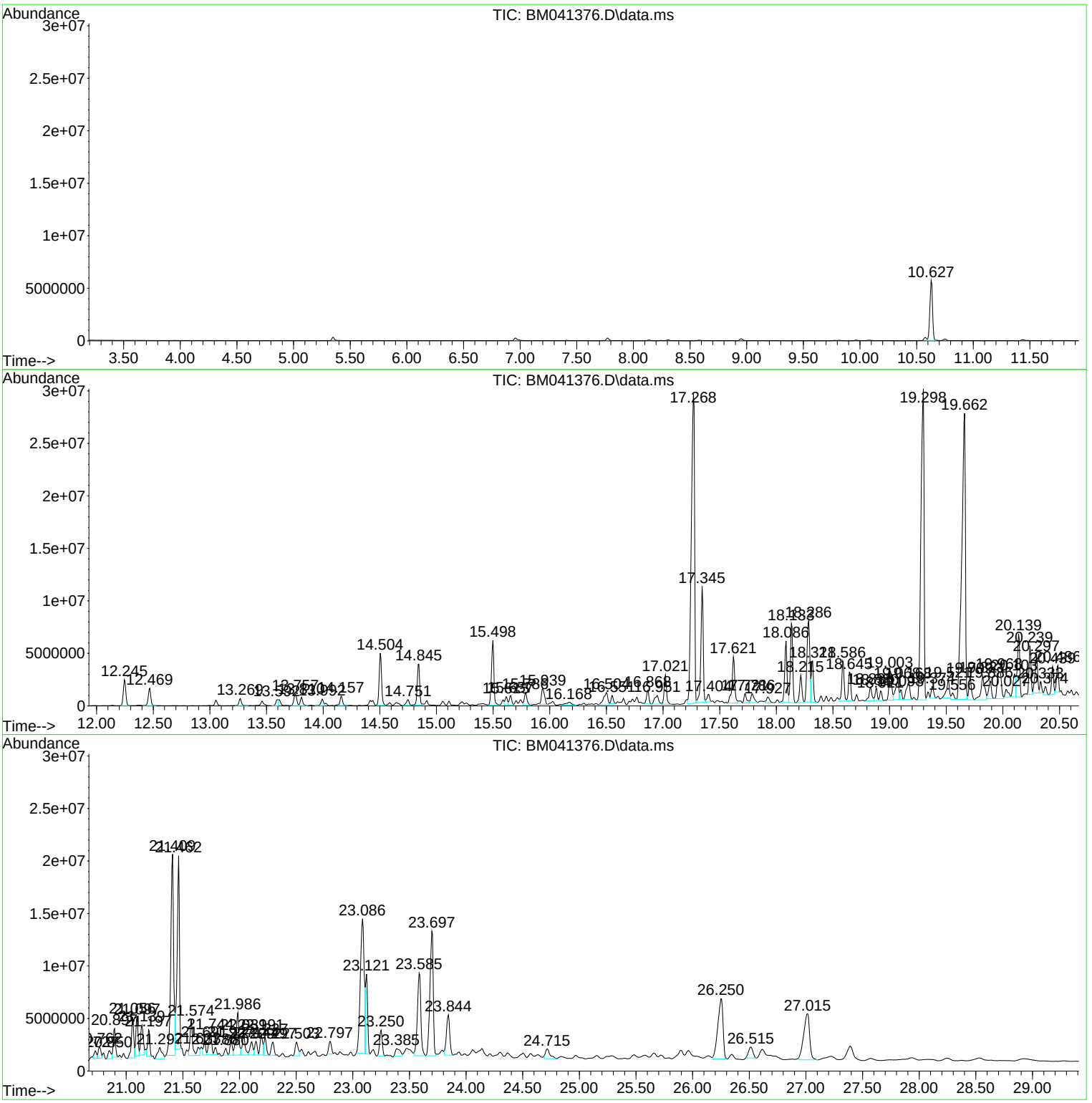
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-19

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\BM081023\
Data File : BM041376.D
Acq On : 10 Aug 2023 23:21
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Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

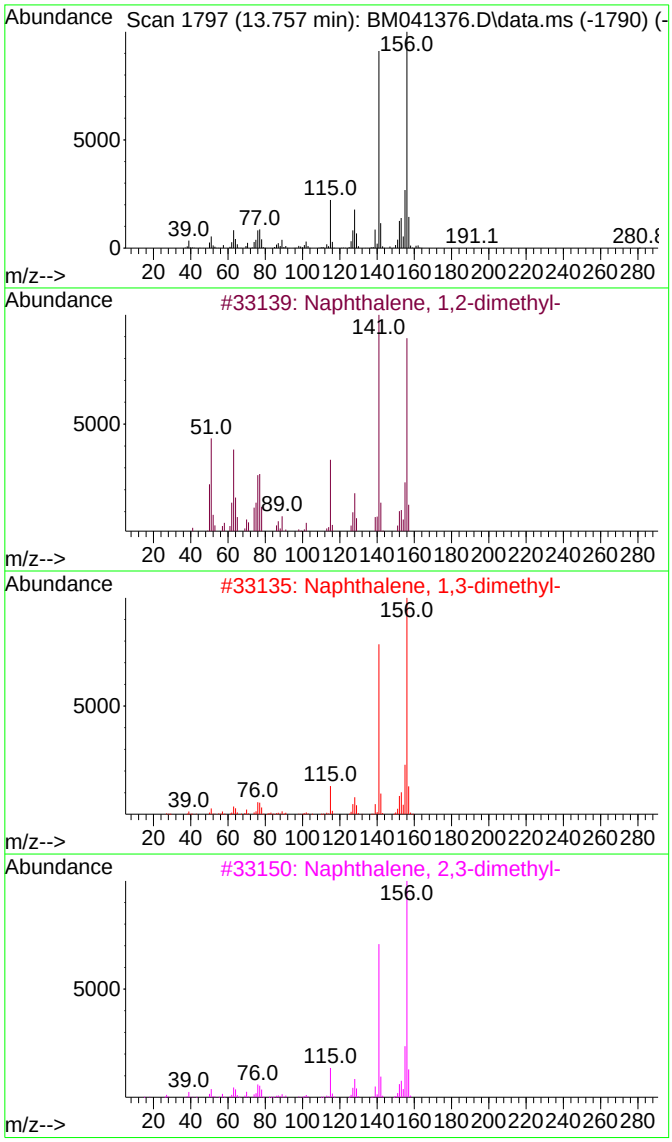
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

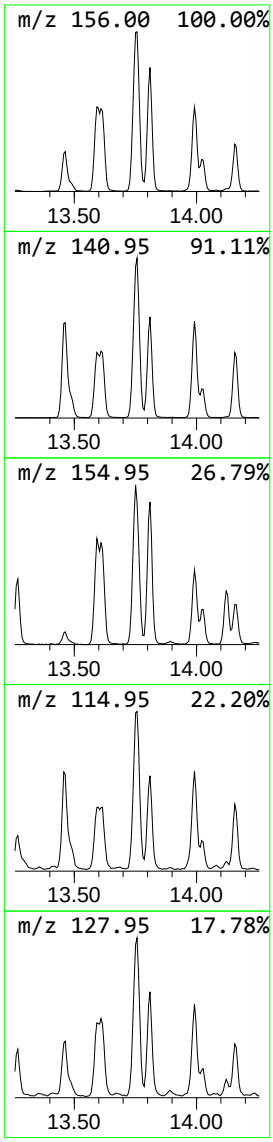
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.757	5.48 ng	1990310	Acenaphthene-d10	14.439

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
Data File : BM041376.D
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ALS Vial : 18 Sample Multiplier: 1

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

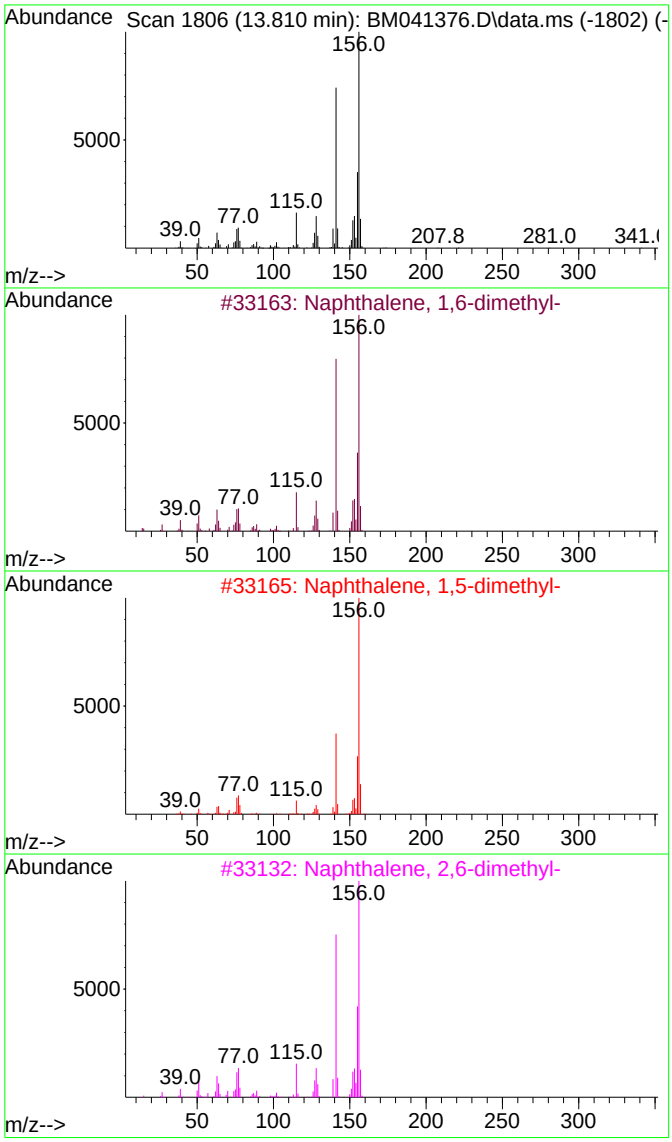
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

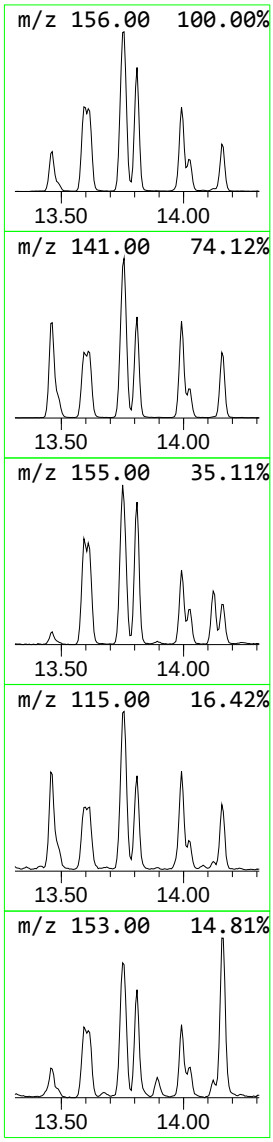
****

Peak Number 2 Naphthalene, 1,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.810	3.17 ng	1150160	Acenaphthene-d10	14.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
Data File : BM041376.D
Acq On : 10 Aug 2023 23:21
Operator : MA/JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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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

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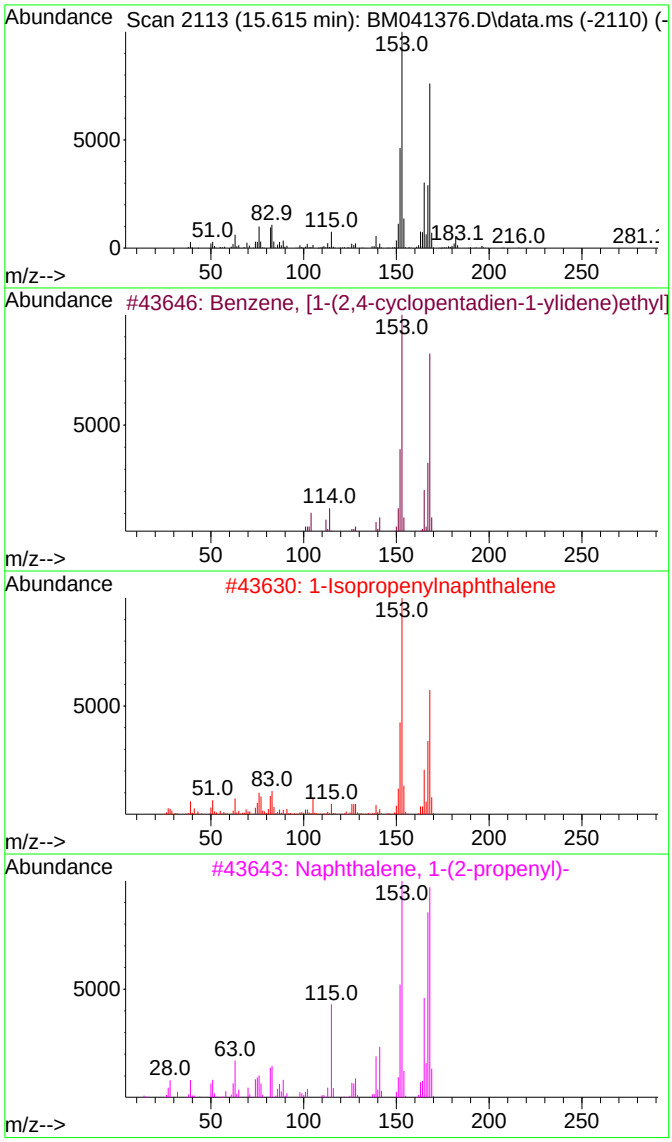
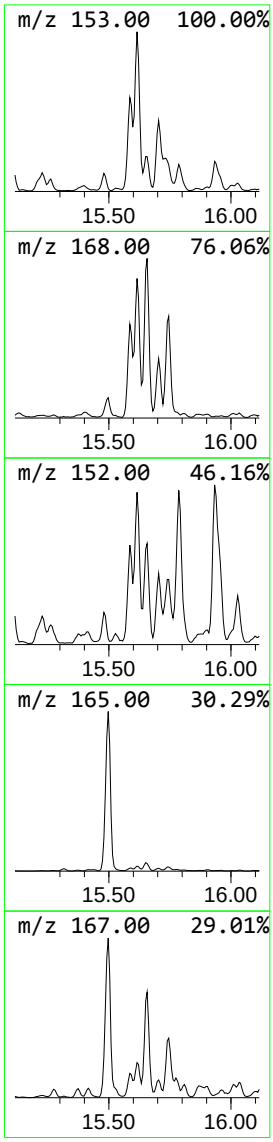
Peak Number 3 Benzene, [1-(2,4-cyclopenta... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.615	3.08 ng	1119270	Acenaphthene-d10	14.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	90
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	72
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	64
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	47
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
Data File : BM041376.D
Acq On : 10 Aug 2023 23:21
Operator : MA/JU
Sample : 03954-13 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-19

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

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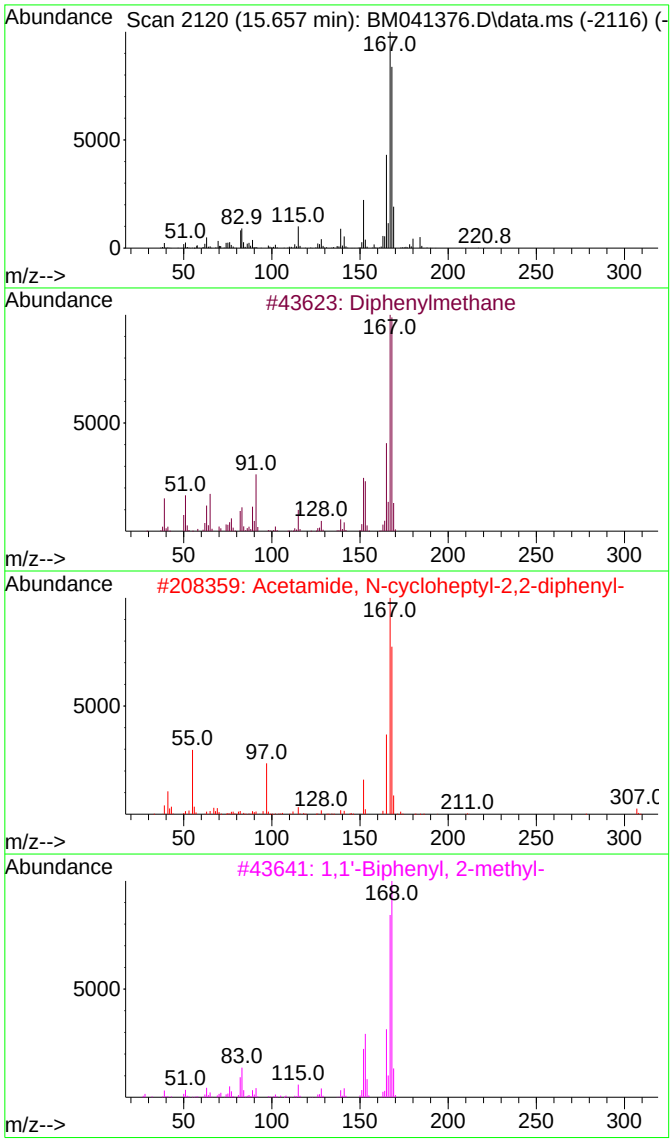
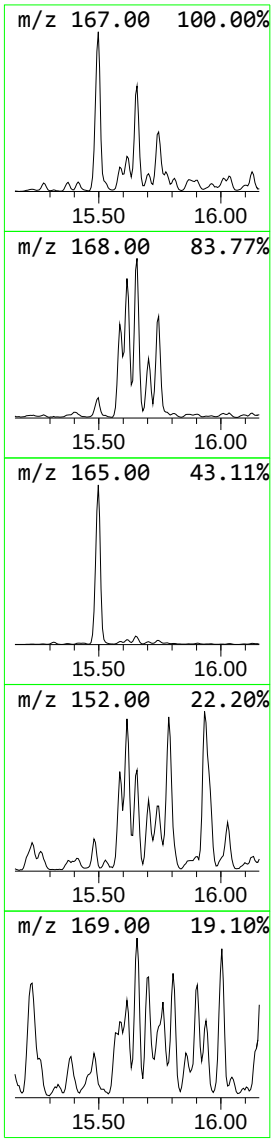
Peak Number 4 Diphenylmethane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.657	3.62 ng	1313790	Acenaphthene-d10	14.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	89
2	Acetamide, N-cycloheptyl-2,2-dip...	307	C21H25NO	351062-01-6	72
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	68
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	53
5	2,2-Diphenylethanol	198	C14H14O	001883-32-5	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
Data File : BM041376.D
Acq On : 10 Aug 2023 23:21
Operator : MA/JU
Sample : 03954-13 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-19

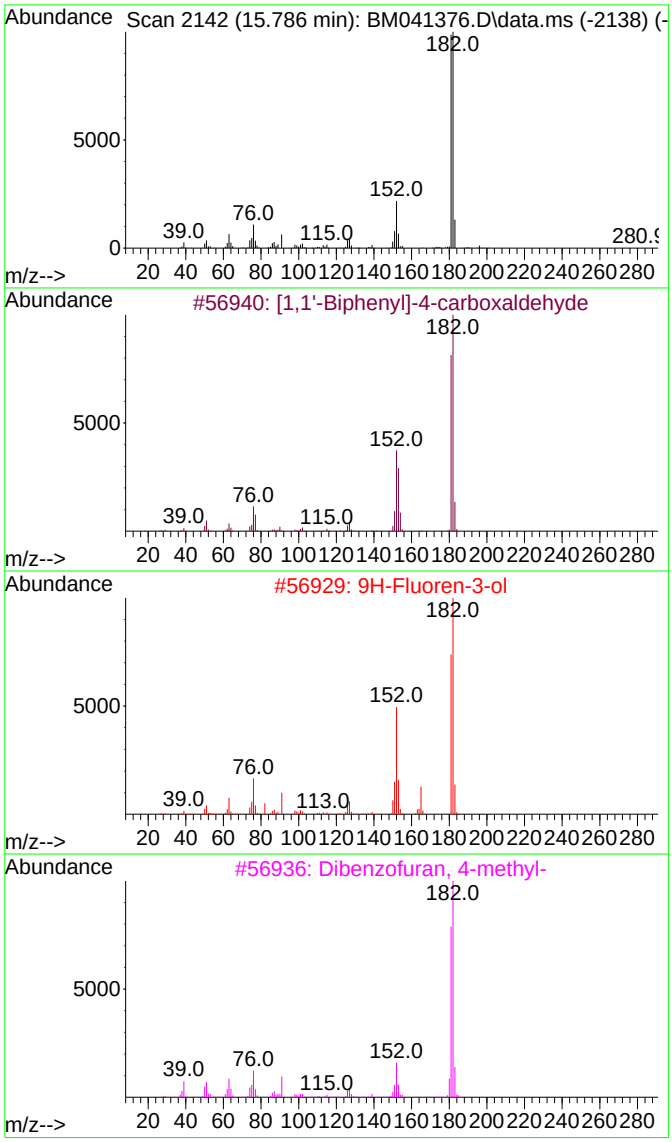
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

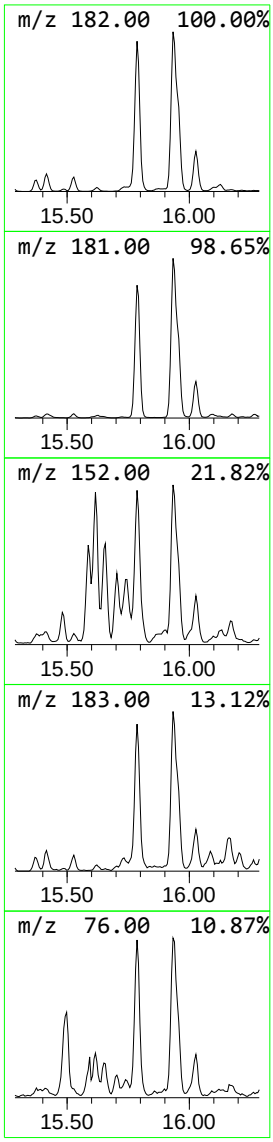
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.786	5.20 ng	1889870	Acenaphthene-d10	14.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	90
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





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Acq On : 10 Aug 2023 23:21
Operator : MA/JU
Sample : 03954-13 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-19

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

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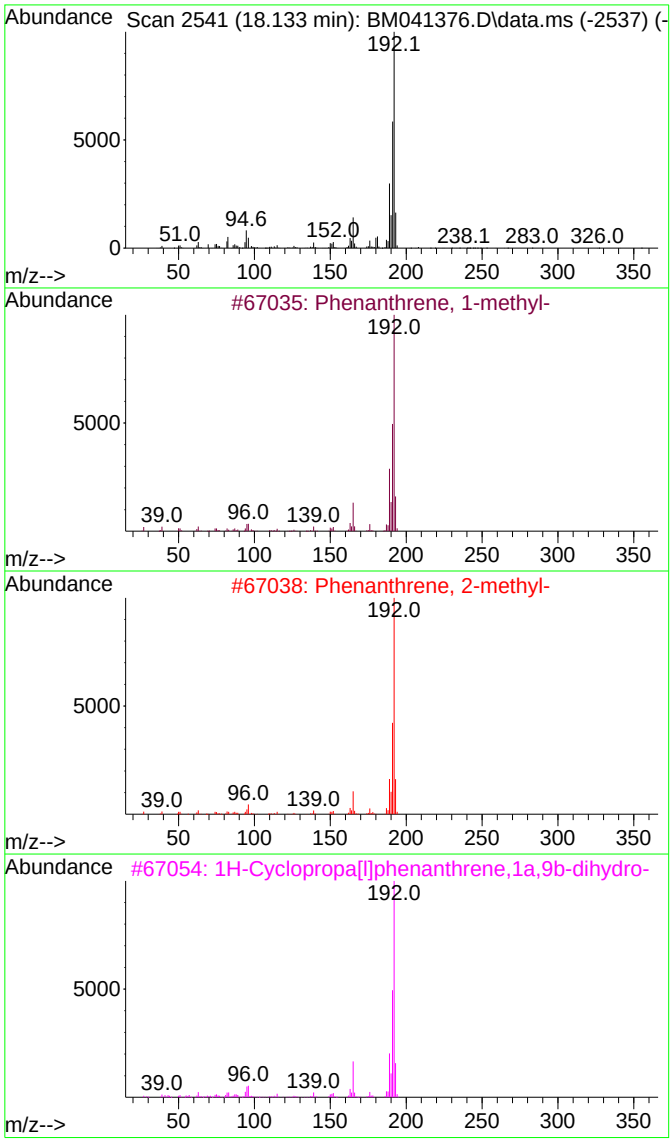
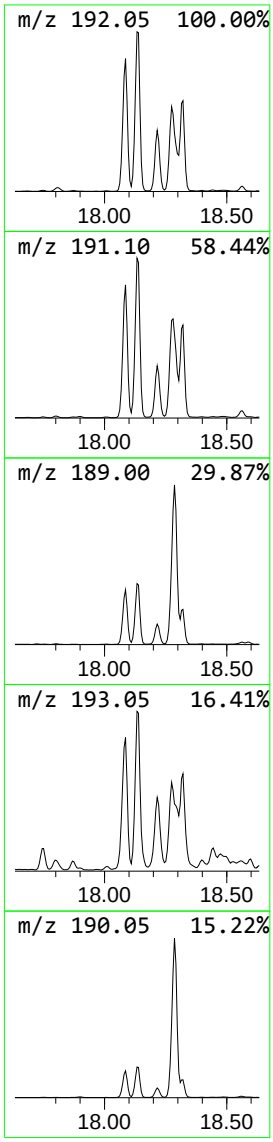
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.133	3.51 ng	10277400	Phenanthrene-d10	17.203

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-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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Misc :
ALS Vial : 18 Sample Multiplier: 1

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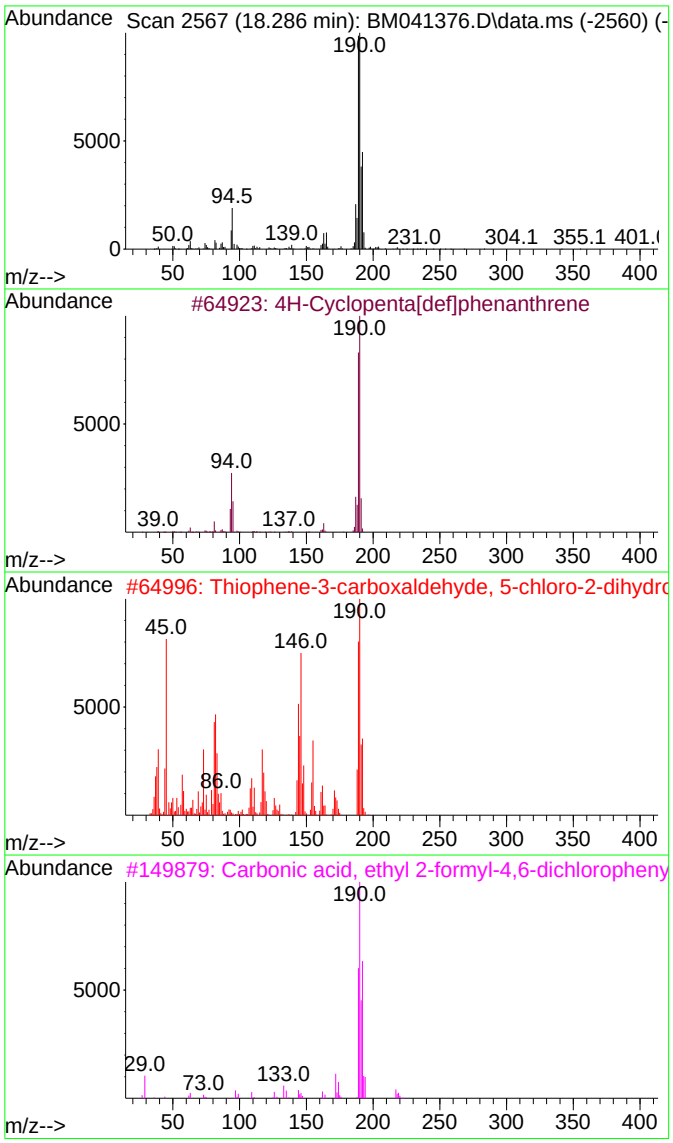
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

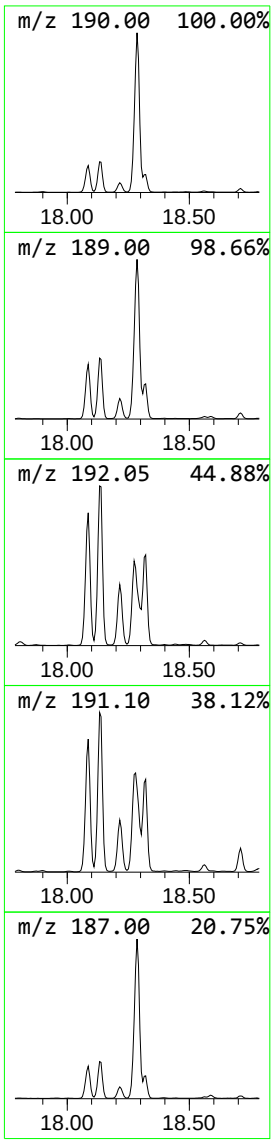
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.286	4.72 ng	13825000	Phenanthrene-d10	17.203

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	45
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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

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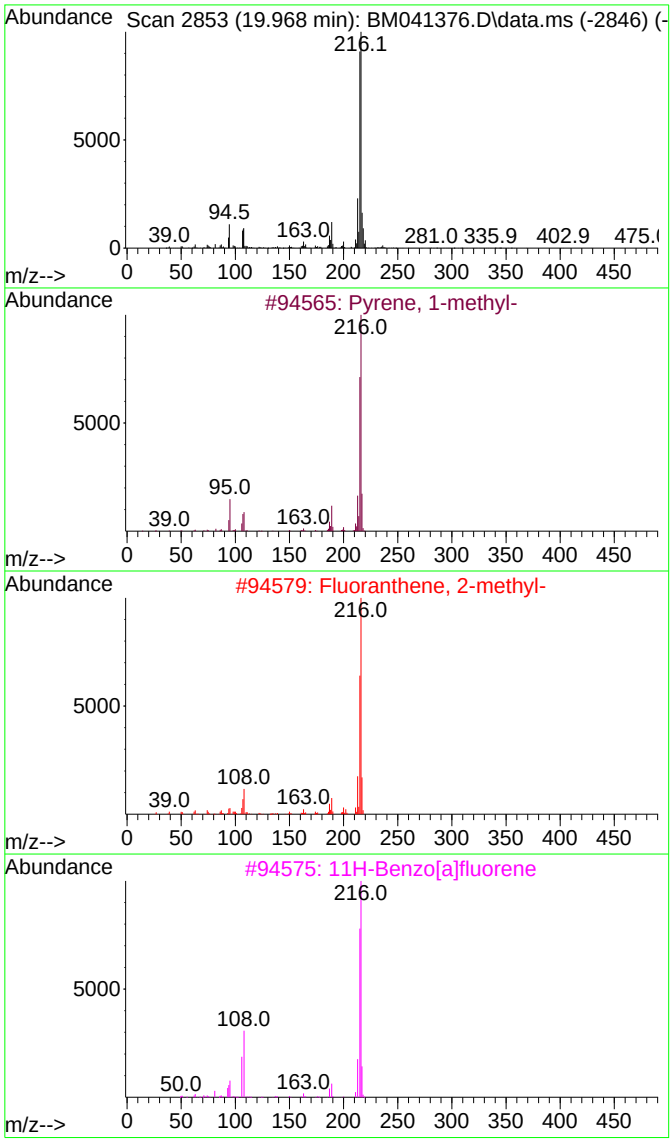
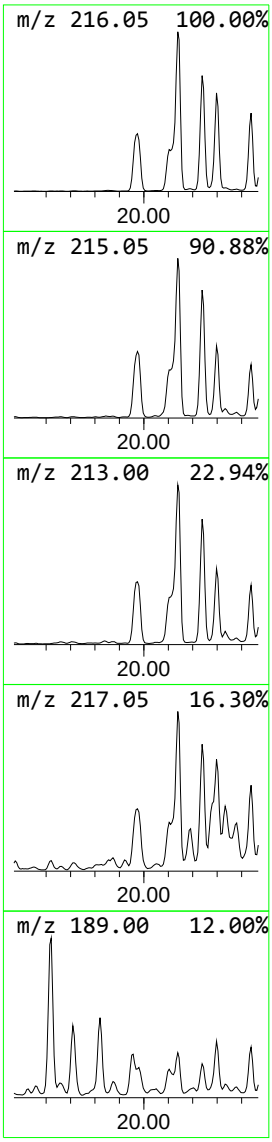
Peak Number 8 Fluoranthene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.968	3.77 ng	6422630	Chrysene-d12	21.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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Operator : MA/JU
Sample : 03954-13 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-19

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

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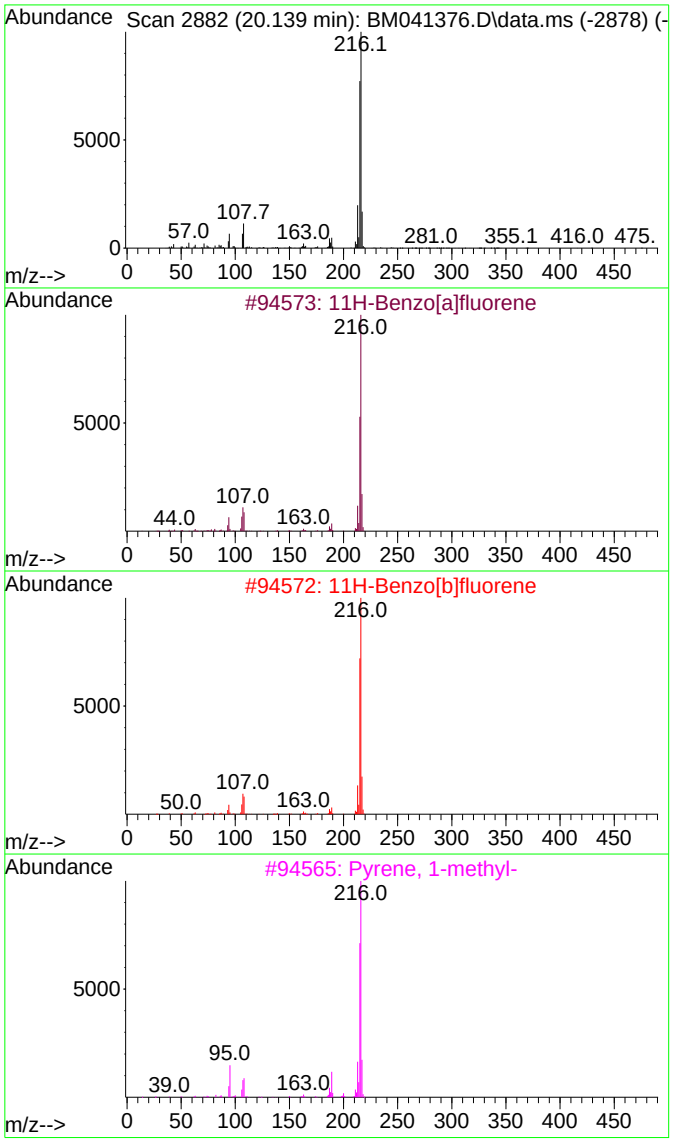
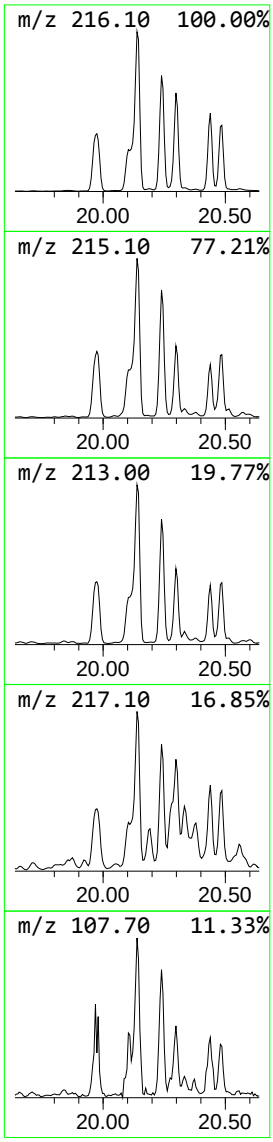
Peak Number 9 11H-Benzo[a]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.139	5.05 ng	8599520	Chrysene-d12	21.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	97
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Acq On : 10 Aug 2023 23:21
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Sample : 03954-13 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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

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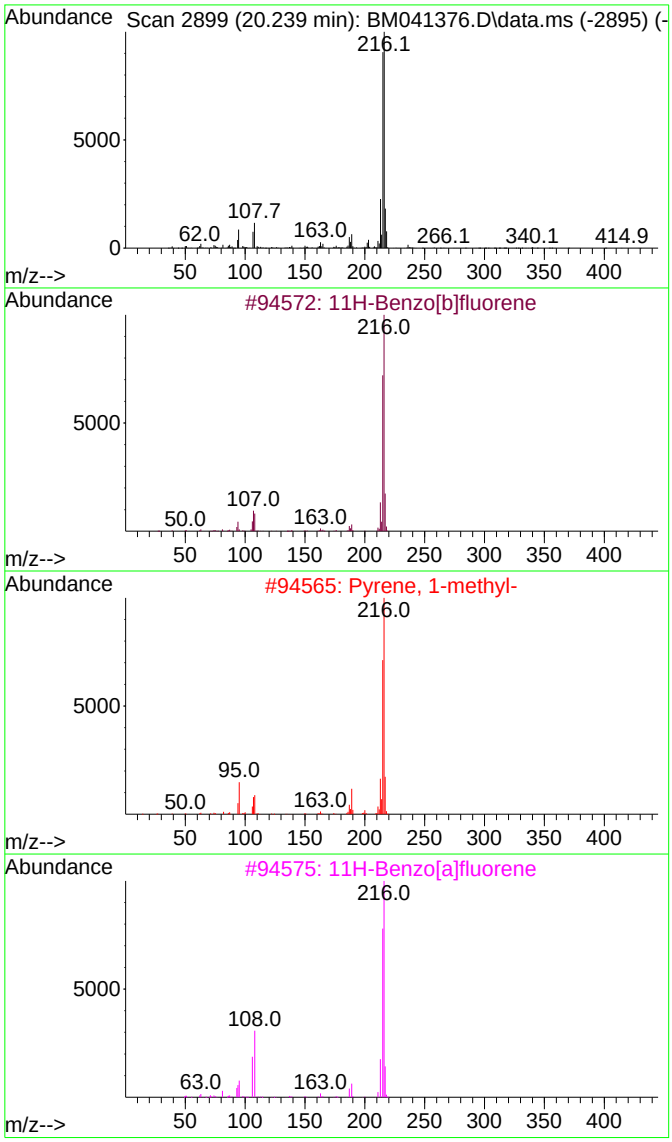
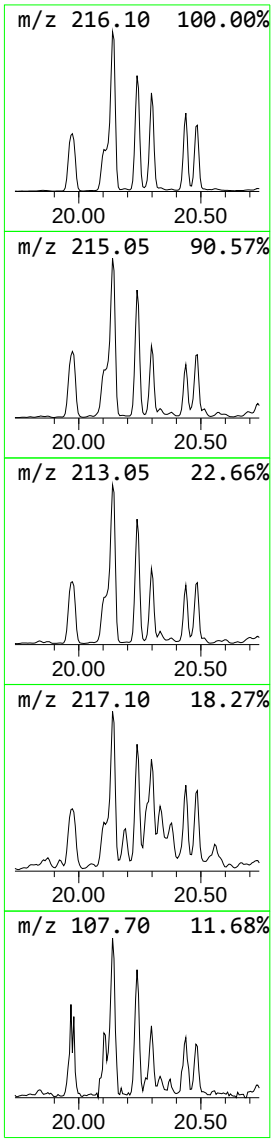
Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.239	3.42 ng	5823510	Chrysene-d12	21.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Sample : 03954-13 5X
Misc :
ALS Vial : 18 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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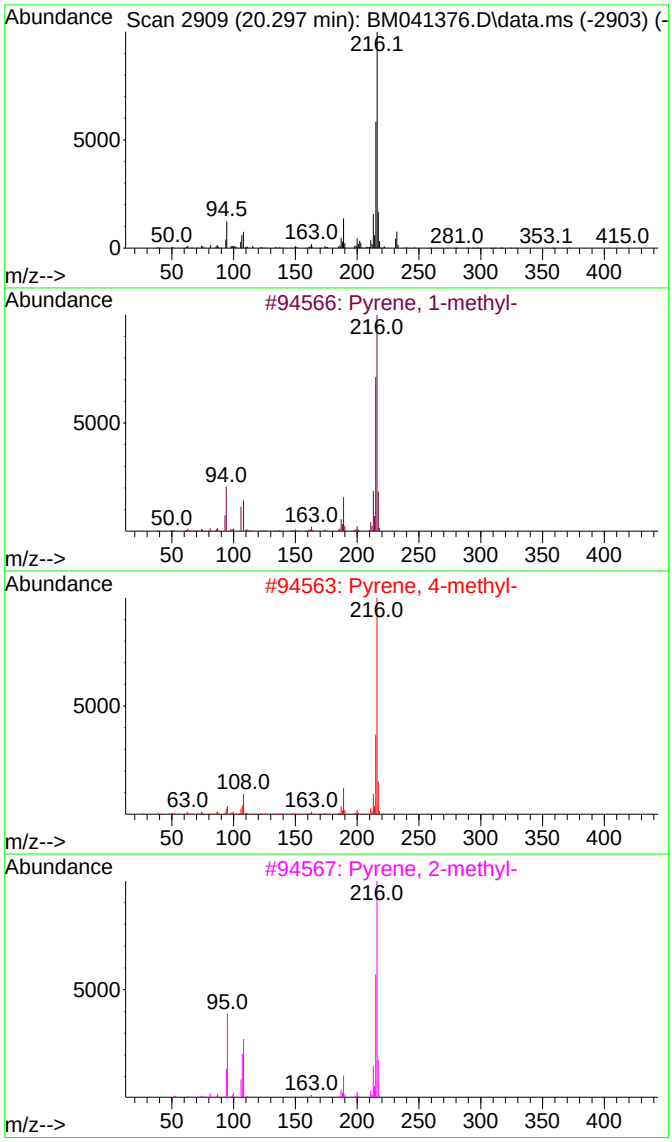
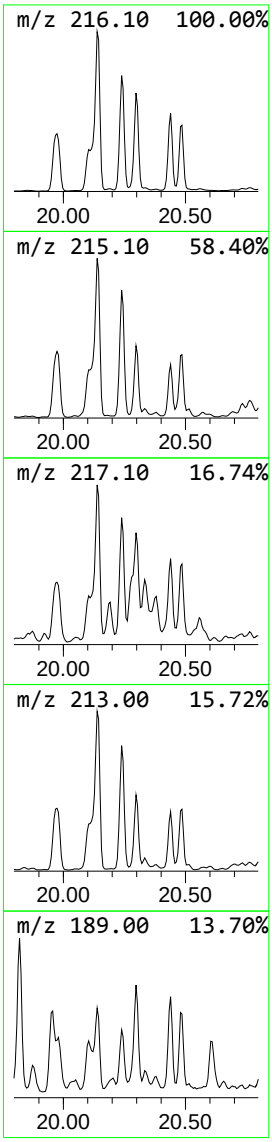
Peak Number 11 Pyrene, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.297	3.44 ng	5852550	Chrysene-d12	21.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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Sample : 03954-13 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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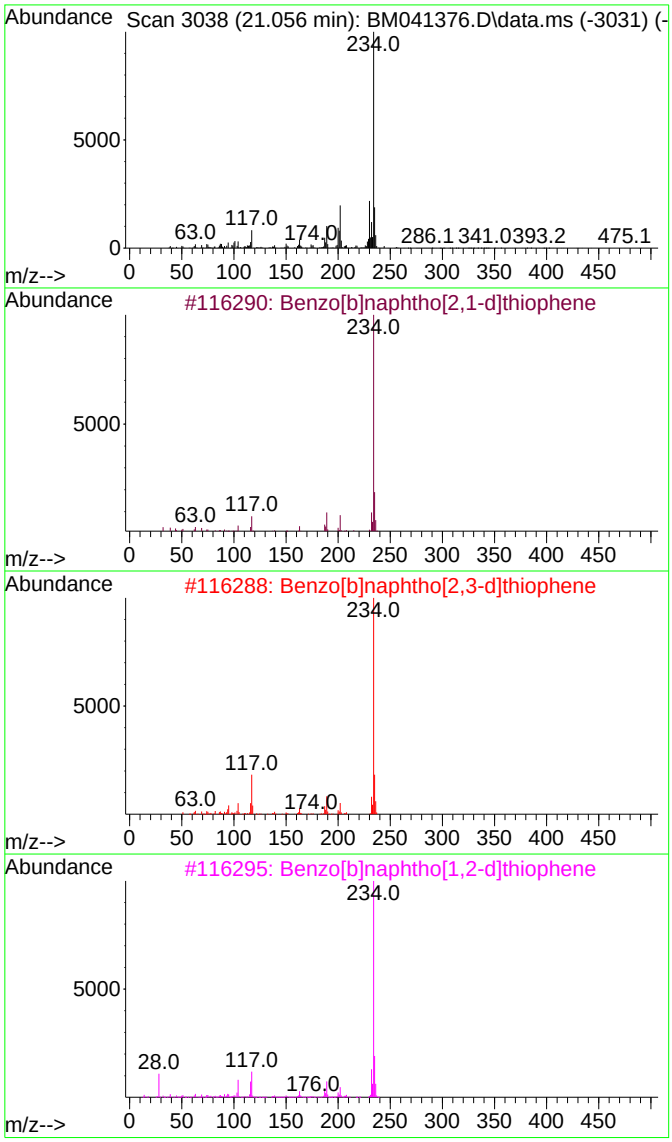
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

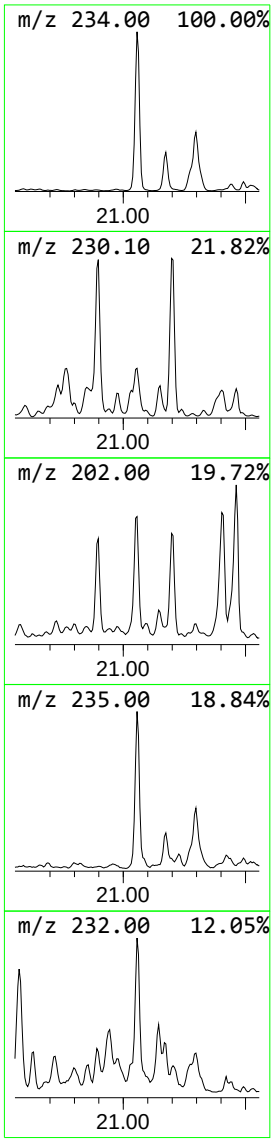
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.056	3.36 ng	5718900	Chrysene-d12	21.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	86
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	64
4	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	47
5	2-Amino-6-t-butyl-3-cyano-4,5,6,...	234	C13H18N2S	042159-76-2	46





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Misc :
ALS Vial : 18 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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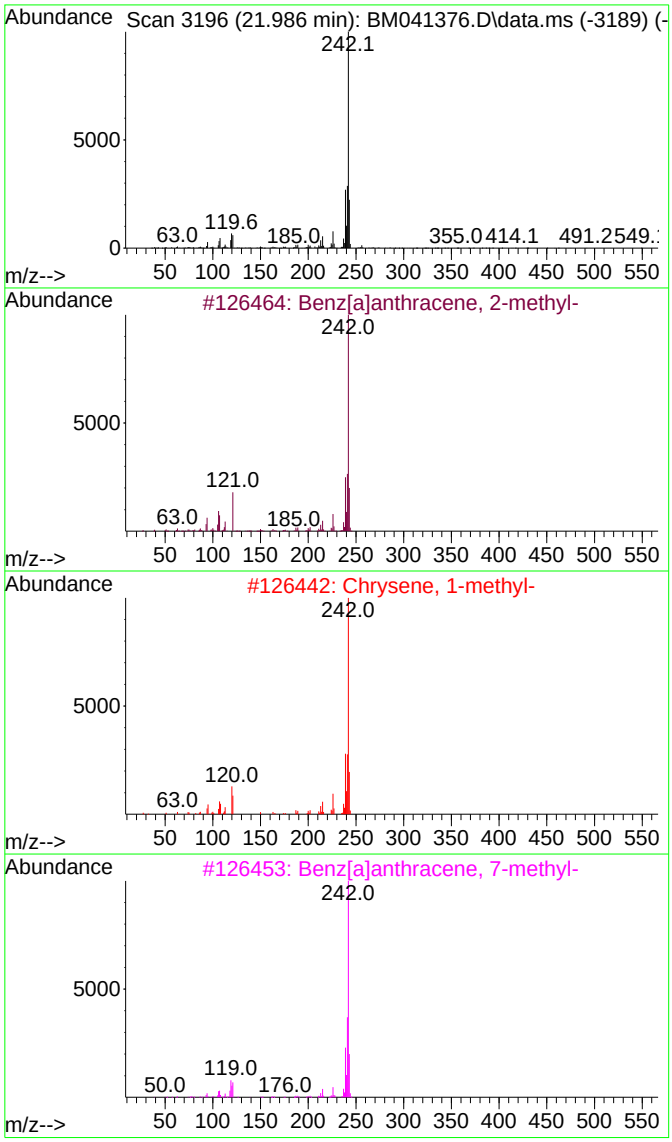
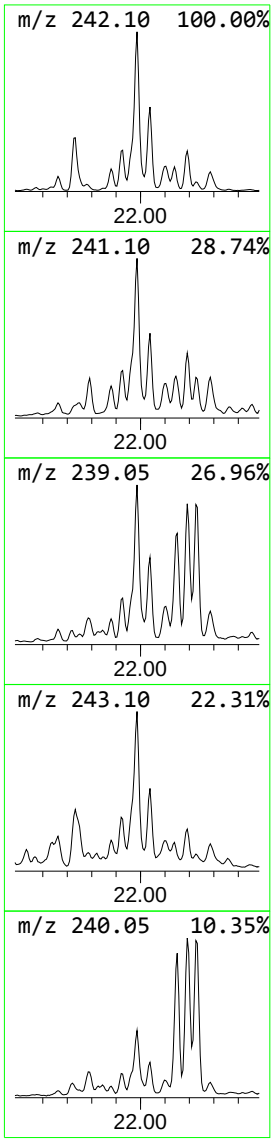
Peak Number 13 Benz[a]anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.986	4.11 ng	7009680	Chrysene-d12	21.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	97
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	96
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	96
4	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	94
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93





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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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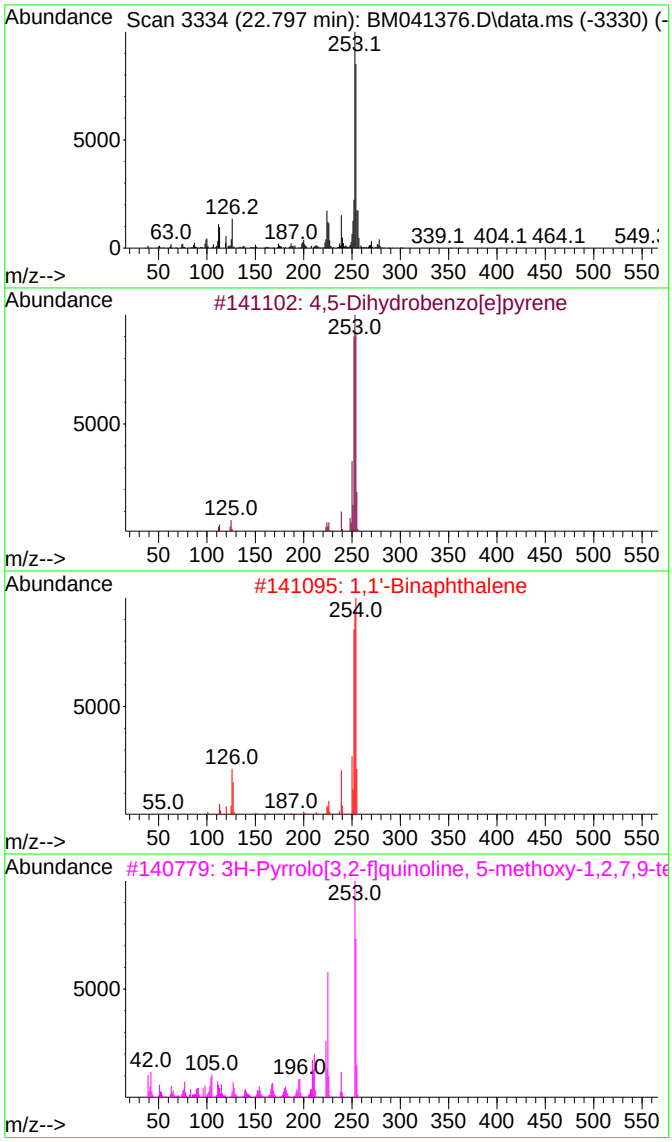
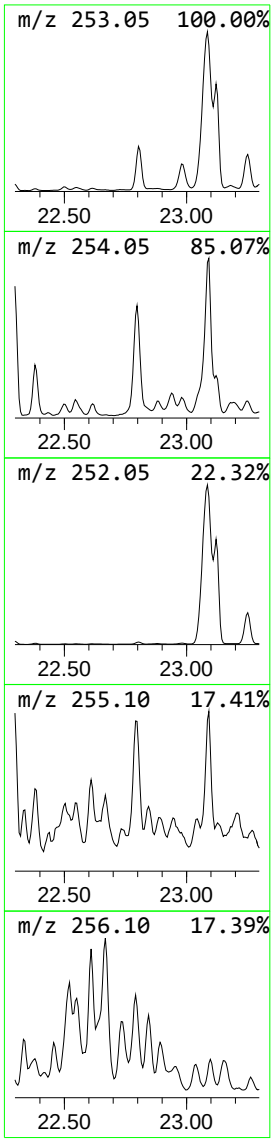
Peak Number 14 4,5-Dihydrobenzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.797	5.36 ng	2064520	Perylene-d12	23.785

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	87
2	1,1'-Binaphthalene	254	C20H14	000604-53-5	81
3	3H-Pyrrolo[3,2-f]quinoline, 5-me...	254	C16H18N2O	1000350-44-1	68
4	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	68
5	1,2'-Binaphthalene	254	C20H14	004325-74-0	64





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ALS Vial : 18 Sample Multiplier: 1

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

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

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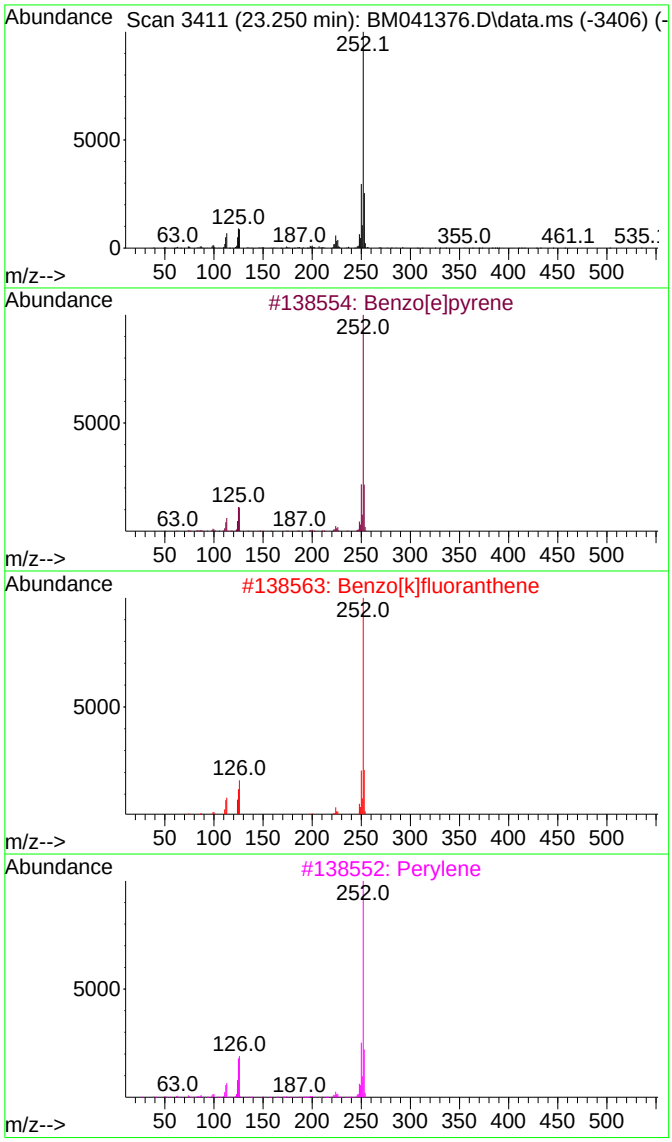
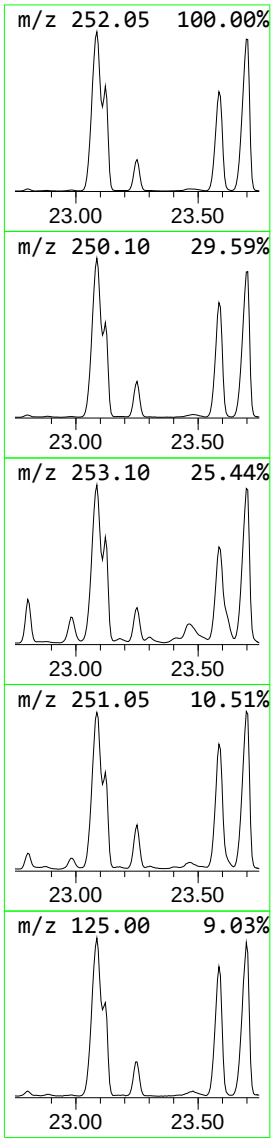
Peak Number 15 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.250	10.25 ng	3948570	Perylene-d12	23.785

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





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ALS Vial : 18 Sample Multiplier: 1

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

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

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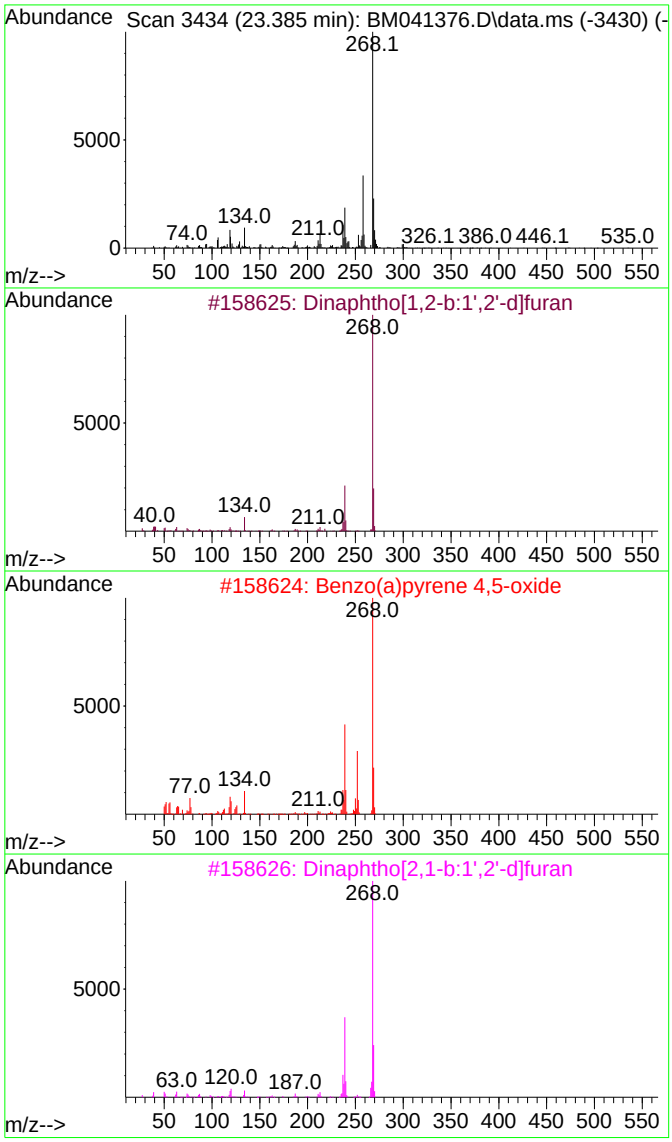
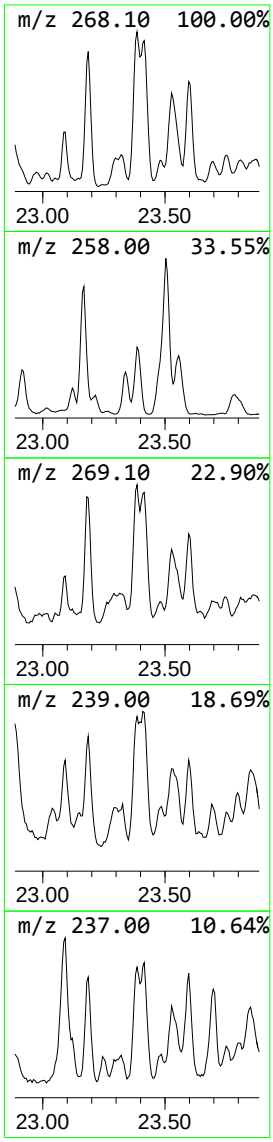
Peak Number 16 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.386	5.74 ng	2210340	Perylene-d12	23.785

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	93
2	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	64
3	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	59
4	Disperse Blue 1	268	C14H12N4O2	002475-45-8	58
5	trans-4'-Methyl-4-(methylthio)ch...	268	C17H16OS	126443-27-4	53





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Data File : BM041376.D
Acq On : 10 Aug 2023 23:21
Operator : MA/JU
Sample : 03954-13 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-19

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

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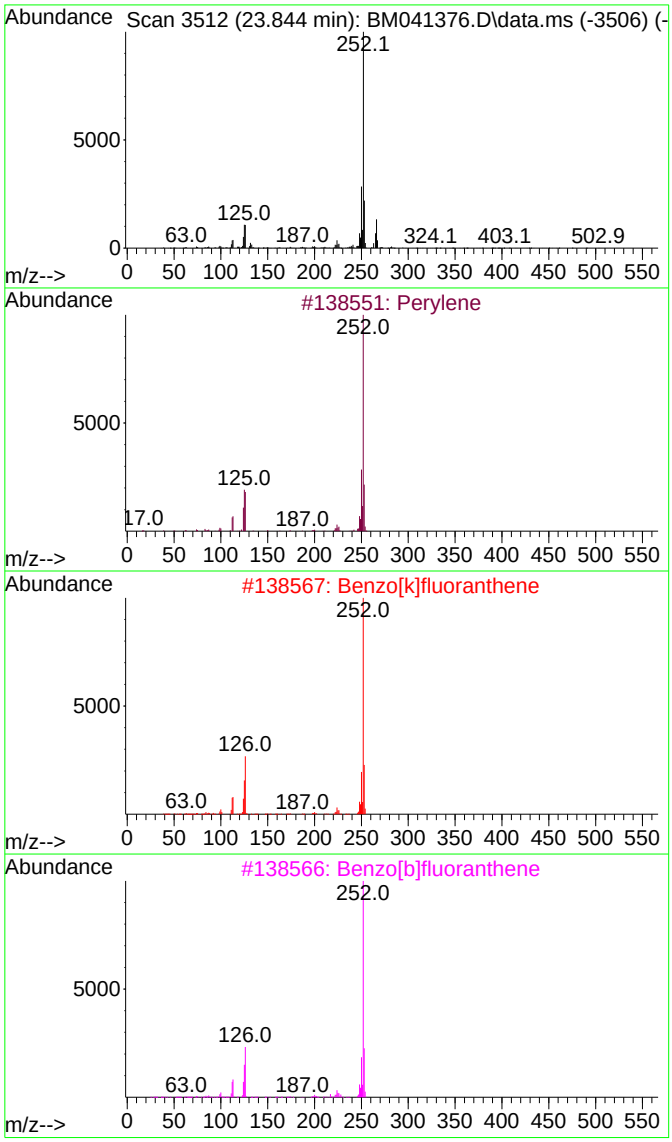
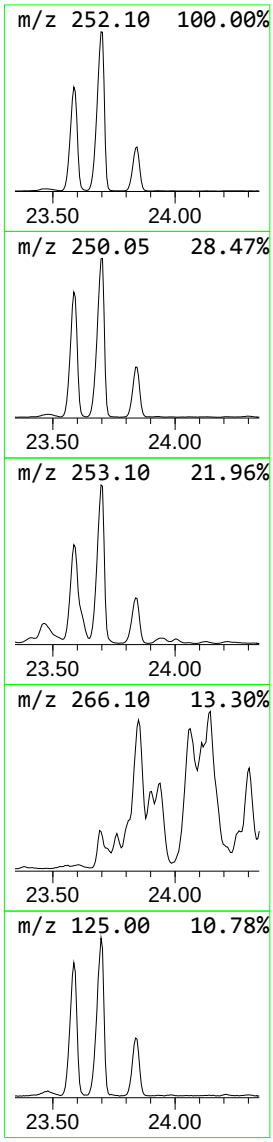
Peak Number 18 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.844	20.00 ng	7703070	Perylene-d12	23.785

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benzo[e]pyrene	252	C20H12	000192-97-2	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
Data File : BM041376.D
Acq On : 10 Aug 2023 23:21
Operator : MA/JU
Sample : 03954-13 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-19

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

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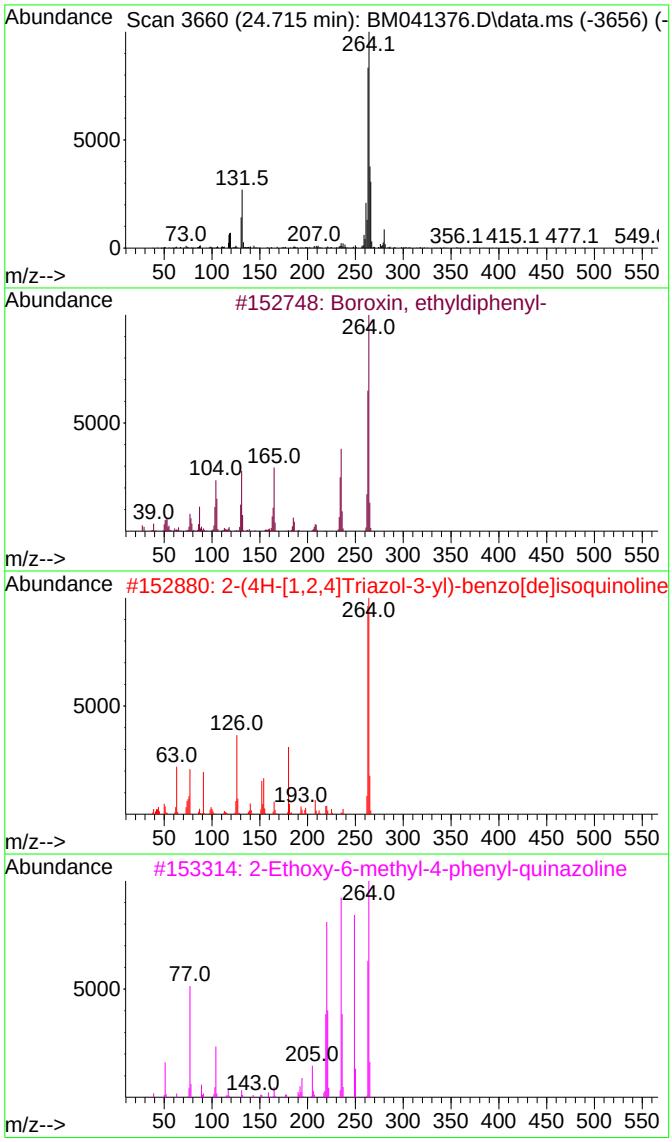
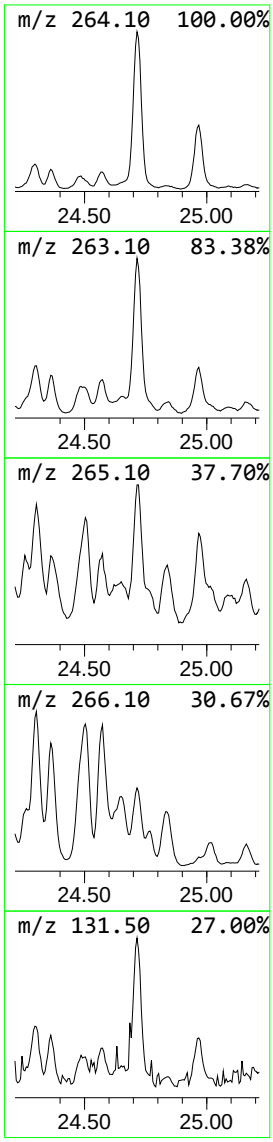
Peak Number 19 Boroxin, ethyldiphenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.715	6.59 ng	2539720	Perylene-d12	23.785

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	59
2	2-(4H-[1,2,4]Triazol-3-yl)-benzo...	264	C14H8N4O2	1000318-09-6	50
3	2-Ethoxy-6-methyl-4-phenyl-quina...	264	C17H16N2O	1000318-42-5	49
4	3-(4-Chlorophenyl)-1,4-diazaspir...	264	C13H13ClN2S	899926-60-4	38
5	1H-Isoindole-1,3(2H)-dione, 2-(2...	263	C17H13NO2	016307-59-8	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
Data File : BM041376.D
Acq On : 10 Aug 2023 23:21
Operator : MA/JU
Sample : 03954-13 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-19

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, 1,...	13.757	5.5	ng	1990310	3	14.439	7266790	20.0
Naphthalene, 1,...	13.810	3.2	ng	1150160	3	14.439	7266790	20.0
Benzene, [1-(2,...	15.615	3.1	ng	1119270	3	14.439	7266790	20.0
Diphenylmethane	15.657	3.6	ng	1313790	3	14.439	7266790	20.0
[1,1'-Biphenyl]...	15.786	5.2	ng	1889870	3	14.439	7266790	20.0
Phenanthrene, 1...	18.133	3.5	ng	10277400	4	17.203	58567100	20.0
4H-Cyclopenta[d...	18.286	4.7	ng	13825000	4	17.203	58567100	20.0
Fluoranthene, 2...	19.968	3.8	ng	6422630	5	21.421	34070000	20.0
11H-Benzo[a]flu...	20.139	5.0	ng	8599520	5	21.421	34070000	20.0
11H-Benzo[b]flu...	20.239	3.4	ng	5823510	5	21.421	34070000	20.0
Pyrene, 4-methyl-	20.297	3.4	ng	5852550	5	21.421	34070000	20.0
Benzo[b]naphtho...	21.056	3.4	ng	5718900	5	21.421	34070000	20.0
Benz[a]anthrace...	21.986	4.1	ng	7009680	5	21.421	34070000	20.0
4,5-Dihydrobenz...	22.797	5.4	ng	2064520	6	23.785	7703070	20.0
Benzo[e]pyrene	23.250	10.3	ng	3948570	6	23.785	7703070	20.0
Dinaphtho[1,2-b...	23.386	5.7	ng	2210340	6	23.785	7703070	20.0
Perylene	23.844	20.0	ng	7703070	6	23.785	7703070	20.0
Boroxin, ethyld...	24.715	6.6	ng	2539720	6	23.785	7703070	20.0