LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
Data File : BM039384.D
Acq On : 10 Apr 2023 19:14
Operator : CG/JU
Sample : 02260-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-1C

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-BM032923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM039384.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.957	295	301	320	rBV	1550807	2137682	14.53%	1.340%
2	5.428	375	381	406	rBV	2847940	4398449	29.89%	2.757%
3	7.040	648	655	682	rBV	2825097	4903915	33.32%	3.074%
4	7.869	789	796	816	rBV	783417	1359171	9.24%	0.852%
5	9.039	987	995	1022	rBV	1467897	2755812	18.73%	1.727%
6	10.681	1266	1274	1279	rBV	1020256	1851569	12.58%	1.161%
7	10.728	1279	1282	1298	rVB	294393	536975	3.65%	0.337%
8	12.345	1547	1557	1572	rBV	153229	303269	2.06%	0.190%
9	12.563	1583	1594	1604	rBV	145588	262323	1.78%	0.164%
10	13.145	1686	1693	1710	rBV	3548092	5391133	36.63%	3.379%
11	13.698	1777	1787	1795	rBV3	73049	205906	1.40%	0.129%
12	13.845	1805	1812	1816	rBV	143957	264192	1.80%	0.166%
13	13.898	1816	1821	1830	rVB	95033	167478	1.14%	0.105%
14	14.245	1870	1880	1889	rBV	167085	282120	1.92%	0.177%
15	14.521	1917	1927	1933	rBV	1534650	2390554	16.24%	1.499%
16	14.586	1933	1938	1946	rVB	613810	977592	6.64%	0.613%
17	14.921	1988	1995	2004	rBV	520887	836385	5.68%	0.524%
18	15.568	2099	2105	2117	rBV	622457	1006406	6.84%	0.631%
19	15.880	2151	2158	2167	rVB2	432427	966367	6.57%	0.606%
20	16.010	2174	2180	2191	rBV	3051332	4779946	32.48%	2.996%
21	16.098	2192	2195	2203	rVB	85089	147229	1.00%	0.092%
22	16.574	2264	2276	2281	rBV5	168687	473901	3.22%	0.297%
23	16.804	2306	2315	2318	rBV2	162163	315529	2.14%	0.198%
24	16.845	2318	2322	2325	rVB2	117534	167971	1.14%	0.105%
25	16.927	2330	2336	2343	rVV	591506	917638	6.24%	0.575%
26	16.998	2343	2348	2349	rVV	186199	234873	1.60%	0.147%
27	17.021	2350	2352	2359	rVV	225595	335392	2.28%	0.210%
28	17.086	2359	2363	2375	rVB	426531	706467	4.80%	0.443%
29	17.274	2388	2395	2397	rBV	1511657	2276907	15.47%	1.427%
30	17.315	2397	2402	2410	rVV	9472068	13557851	92.12%	8.499%
31	17.404	2412	2417	2423	rVB	1548473	2164527	14.71%	1.357%
32	17.680	2456	2464	2479	rBV	715337	1493007	10.14%	0.936%
33	17.792	2479	2483	2489	rVV2	168206	274923	1.87%	0.172%
34	17.857	2489	2494	2502	rVB4	145471	310206	2.11%	0.194%
35	18.151	2534	2544	2548	rBV	965375	1738333	11.81%	1.090%
36	18.198	2548	2552	2559	rVV	1481518	2175340	14.78%	1.364%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
Data File : BM039384.D
Acq On : 10 Apr 2023 19:14
Operator : CG/JU
Sample : 02260-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-1C

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-BM032923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.280	2561	2566	2571	rVV	371429	567294	3.85%	0.356%
38	18.345	2571	2577	2581	rVV2	1093161	2114067	14.36%	1.325%
39	18.380	2581	2583	2591	rVB	631266	753939	5.12%	0.473%
40	18.651	2624	2629	2633	rBV	660817	911267	6.19%	0.571%
41	18.698	2633	2637	2644	rVB	743085	1029586	7.00%	0.645%
42	18.898	2667	2671	2675	rBV2	179030	253966	1.73%	0.159%
43	18.945	2675	2679	2682	rVV	201126	255874	1.74%	0.160%
44	18.986	2682	2686	2691	rVB2	186539	233761	1.59%	0.147%
45	19.062	2694	2699	2705	rBV	365764	680884	4.63%	0.427%
46	19.127	2705	2710	2713	rVV3	205382	424634	2.89%	0.266%
47	19.156	2713	2715	2719	rVV	189591	223127	1.52%	0.140%
48	19.209	2719	2724	2732	rVB2	652776	1053630	7.16%	0.660%
49	19.333	2739	2745	2752	rBV	10582499	14717099	100.00%	9.225%
50	19.433	2758	2762	2767	rVB2	164752	296755	2.02%	0.186%
51	19.533	2774	2779	2782	rBV3	163576	267232	1.82%	0.168%
52	19.574	2782	2786	2790	rVB	246744	342900	2.33%	0.215%
53	19.662	2796	2801	2803	rBV	1721393	2498069	16.97%	1.566%
54	19.698	2803	2807	2814	rVV	8129482	11358792	77.18%	7.120%
55	19.762	2814	2818	2826	rVB2	492778	781960	5.31%	0.490%
56	19.898	2832	2841	2846	rBV2	5053021	7027660	47.75%	4.405%
57	20.027	2855	2863	2868	rBV4	584104	1525575	10.37%	0.956%
58	20.080	2869	2872	2879	rVV	160643	275838	1.87%	0.173%
59	20.156	2879	2885	2886	rVV2	468061	708265	4.81%	0.444%
60	20.192	2887	2891	2896	rVB	711840	1159654	7.88%	0.727%
61	20.292	2904	2908	2911	rBV	253500	336667	2.29%	0.211%
62	20.345	2911	2917	2922	rVV2	765552	1475329	10.02%	0.925%
63	20.386	2922	2924	2928	rVV	246622	268414	1.82%	0.168%
64	20.427	2928	2931	2936	rVB	202854	280689	1.91%	0.176%
65	20.486	2937	2941	2945	rBV	343037	511522	3.48%	0.321%
66	20.533	2945	2949	2953	rBV3	371980	523989	3.56%	0.328%
67	20.780	2982	2991	2994	rBV8	139577	407438	2.77%	0.255%
68	20.939	3014	3018	3026	rBV	1341627	1786301	12.14%	1.120%
69	21.103	3040	3046	3050	rBV2	786911	1459345	9.92%	0.915%
70	21.145	3050	3053	3055	rBV	550900	656962	4.46%	0.412%
71	21.239	3065	3069	3079	rVB	1172672	1688616	11.47%	1.059%
72	21.450	3099	3105	3110	rBV3	4826371	9265237	62.96%	5.808%
73	21.497	3110	3113	3124	rVB	4203029	5756029	39.11%	3.608%
74	21.615	3130	3133	3141	rBV	302978	449244	3.05%	0.282%
75	21.792	3158	3163	3167	rBV2	446330	756455	5.14%	0.474%
76	22.033	3201	3204	3209	rVB	604986	797397	5.42%	0.500%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
Data File : BM039384.D
Acq On : 10 Apr 2023 19:14
Operator : CG/JU
Sample : 02260-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-1C

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-BM032923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	22.092	3211	3214	3220	rVB	422785	614505	4.18%	0.385%
78	22.244	3237	3240	3243	rBV	229579	303390	2.06%	0.190%
79	23.127	3383	3390	3395	rBV	2726692	6967427	47.34%	4.368%
80	23.303	3417	3420	3427	rVB	354536	585071	3.98%	0.367%
81	23.638	3471	3477	3488	rVB	1487095	3014771	20.48%	1.890%
82	23.744	3488	3495	3503	rBV	2078691	4144177	28.16%	2.598%
83	23.850	3507	3513	3518	rBV	1001472	2045681	13.90%	1.282%
84	26.321	3927	3933	3945	rVB2	952122	2902659	19.72%	1.820%

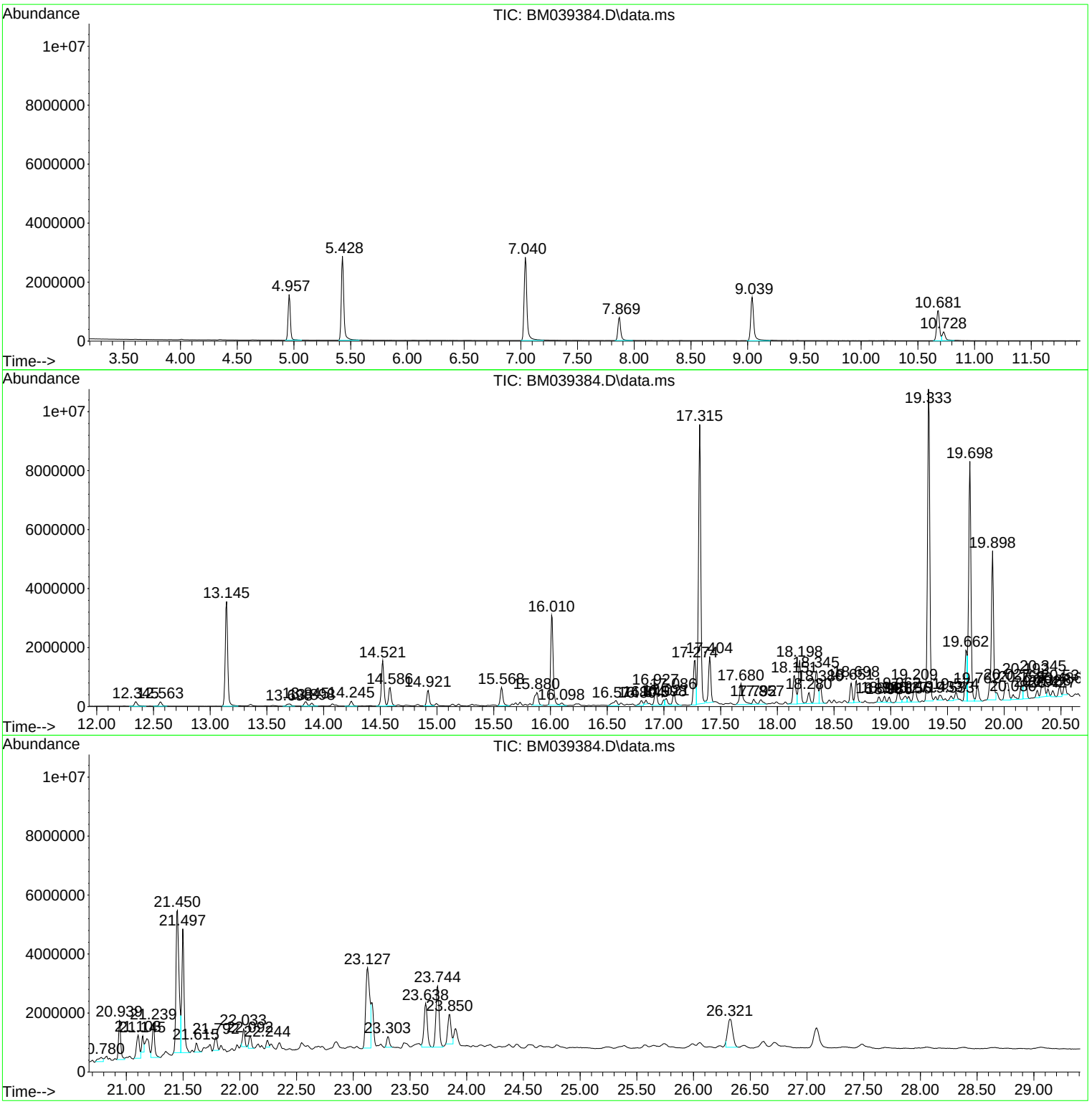
Sum of corrected areas: 159526481

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
Data File : BM039384.D
Acq On : 10 Apr 2023 19:14
Operator : CG/JU
Sample : 02260-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-1C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.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\BM041023\
Data File : BM039384.D
Acq On : 10 Apr 2023 19:14
Operator : CG/JU
Sample : 02260-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-1C

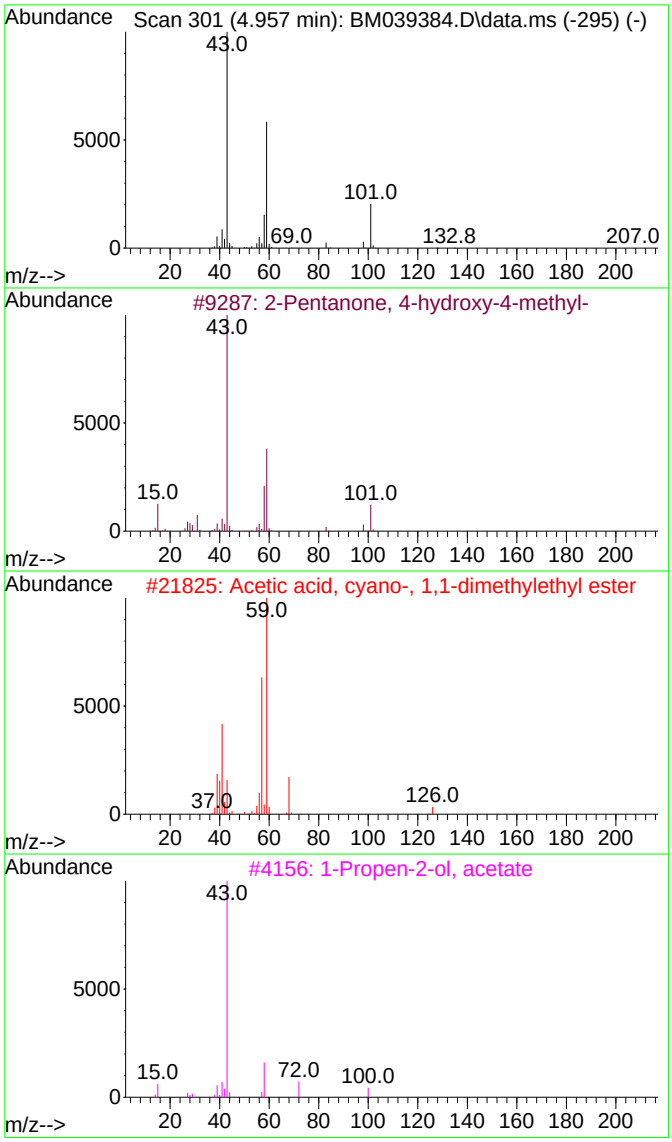
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

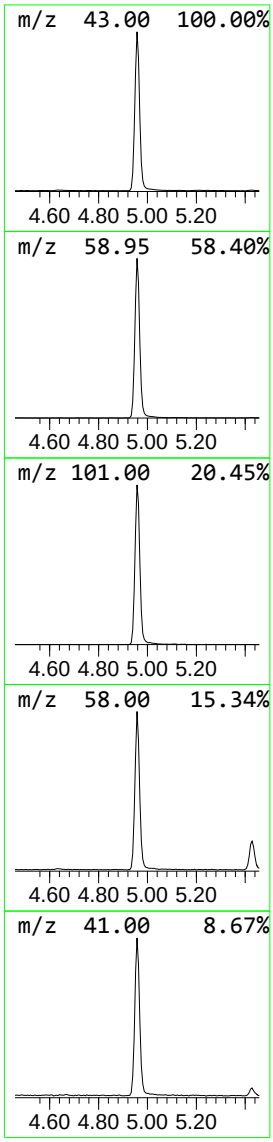
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.957	31.46 ng	2137680	1,4-Dichlorobenzene-d4	7.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
Data File : BM039384.D
Acq On : 10 Apr 2023 19:14
Operator : CG/JU
Sample : 02260-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-1C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

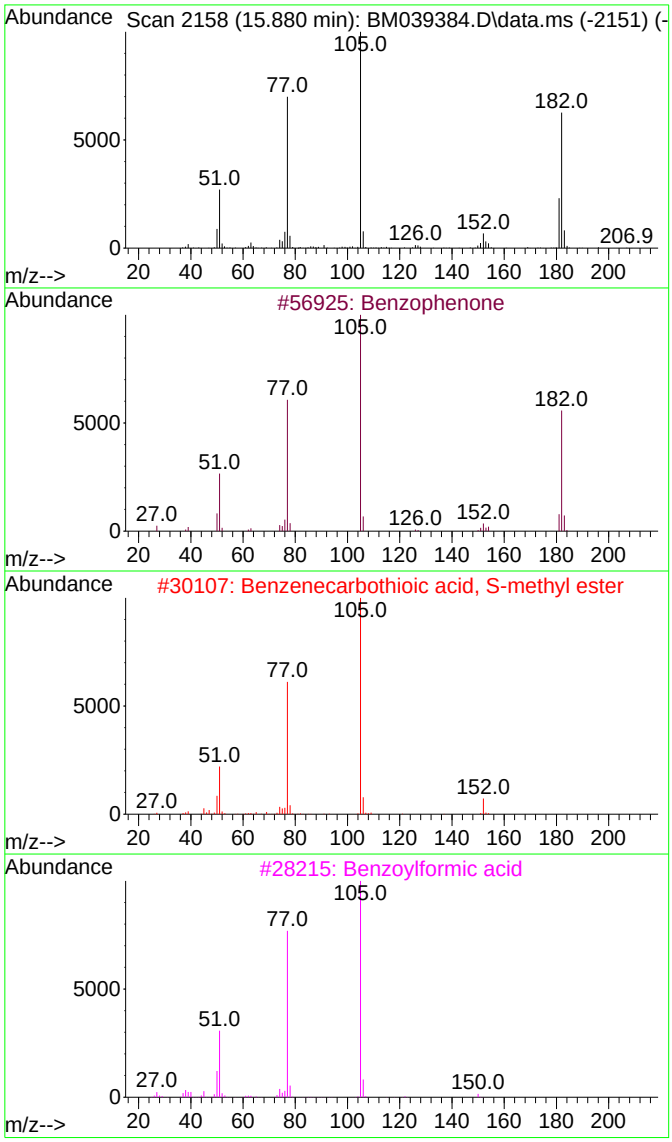
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

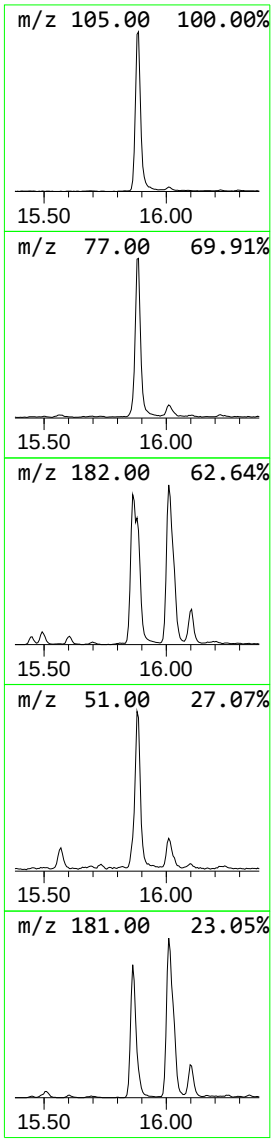
****

Peak Number 2 Benzophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.880	8.08 ng	966367	Acenaphthene-d10	14.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	46
3	Benzoylformic acid	150	C8H6O3	000611-73-4	45
4	2-Phenyl-4-ethylidene-2-oxazolin...	187	C11H9NO2	037791-41-6	43
5	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
Data File : BM039384.D
Acq On : 10 Apr 2023 19:14
Operator : CG/JU
Sample : 02260-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-1C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

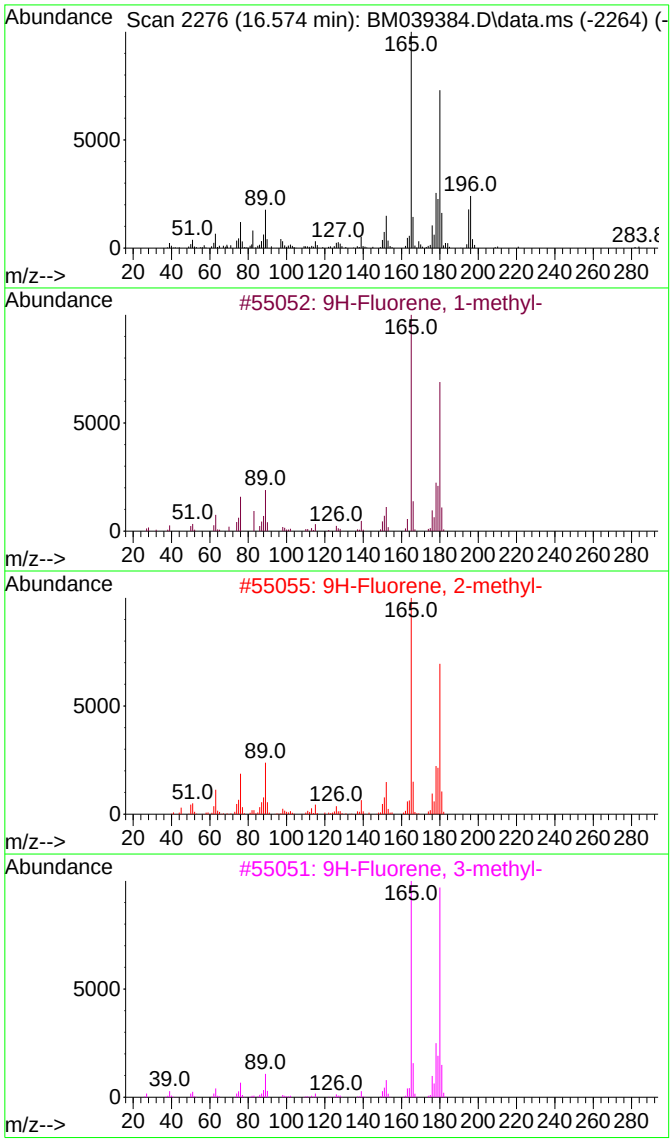
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

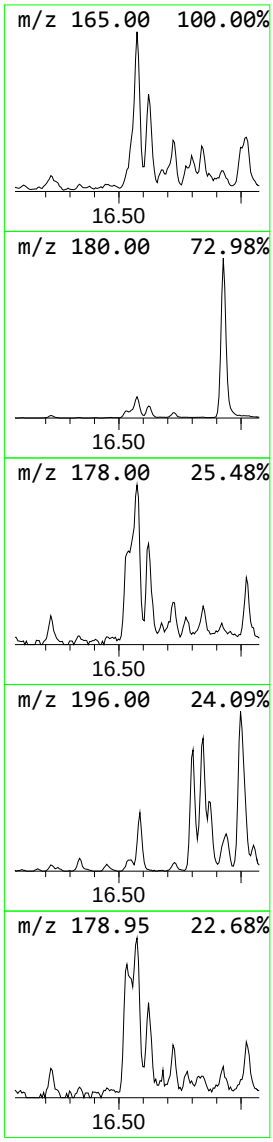
****

Peak Number 3 9H-Fluorene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.574	4.16 ng	473901	Phenanthrene-d10	17.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	98
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	91
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	87
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
Data File : BM039384.D
Acq On : 10 Apr 2023 19:14
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Sample : 02260-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-1C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

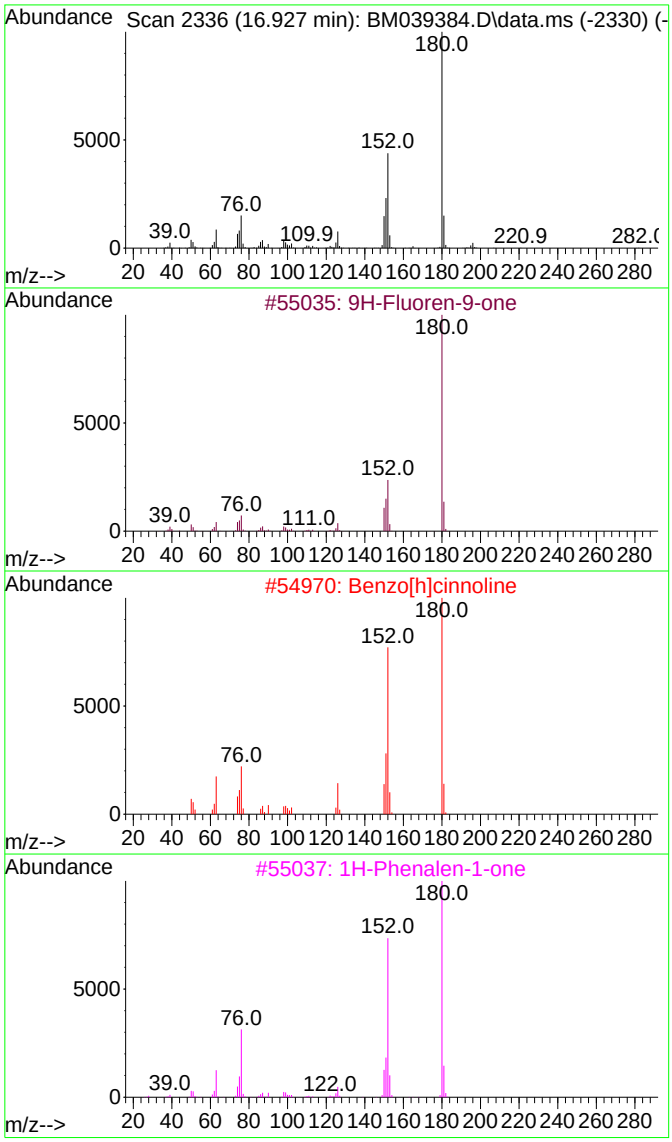
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

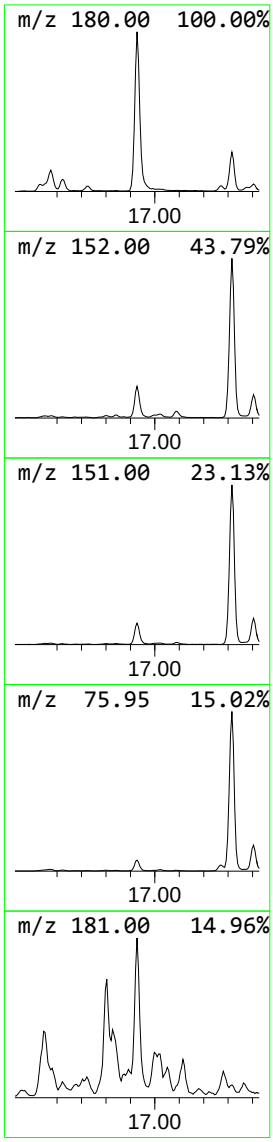
****

Peak Number 4 9H-Fluoren-9-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.927	8.06 ng	917638	Phenanthrene-d10	17.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	70
4	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	53
5	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
Data File : BM039384.D
Acq On : 10 Apr 2023 19:14
Operator : CG/JU
Sample : 02260-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-1C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

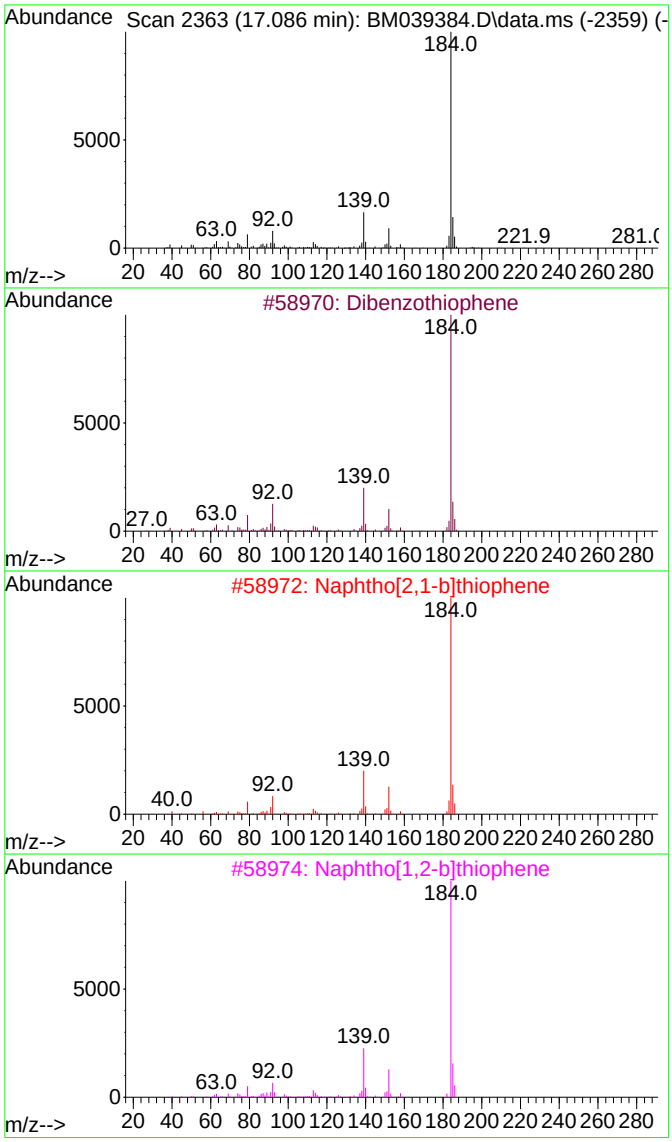
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

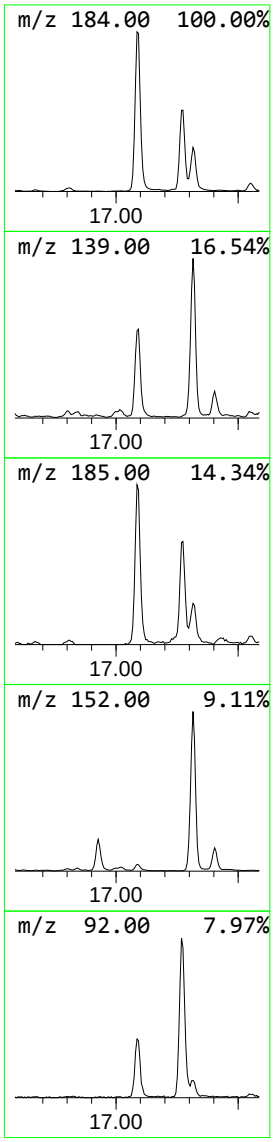
****

Peak Number 5 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.086	6.21 ng	706467	Phenanthrene-d10	17.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
Data File : BM039384.D
Acq On : 10 Apr 2023 19:14
Operator : CG/JU
Sample : 02260-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-1C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

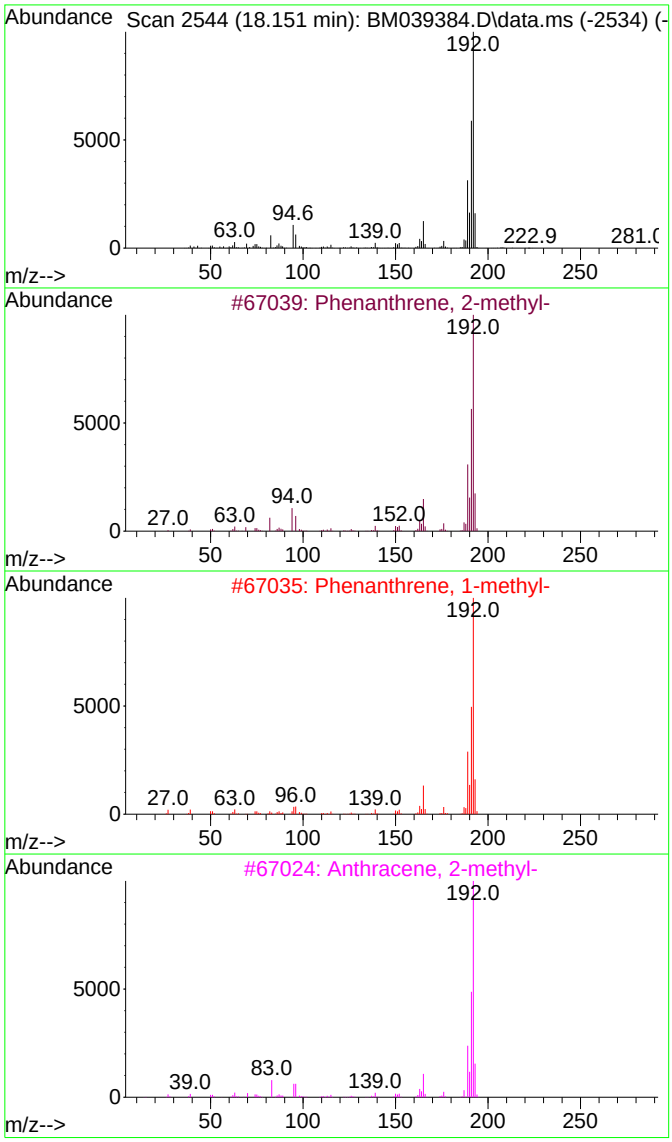
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

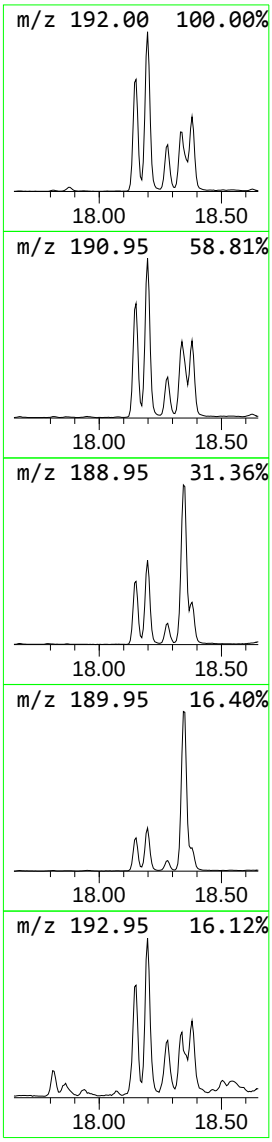
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.151	15.27 ng	1738330	Phenanthrene-d10	17.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Data File : BM039384.D
Acq On : 10 Apr 2023 19:14
Operator : CG/JU
Sample : 02260-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-1C

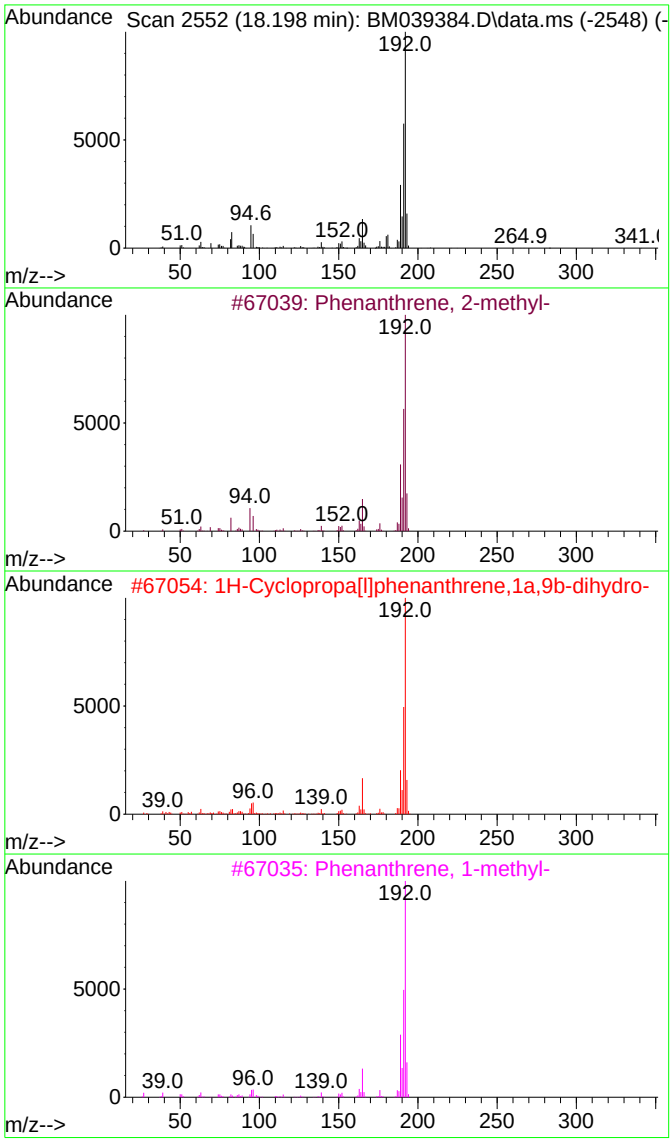
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

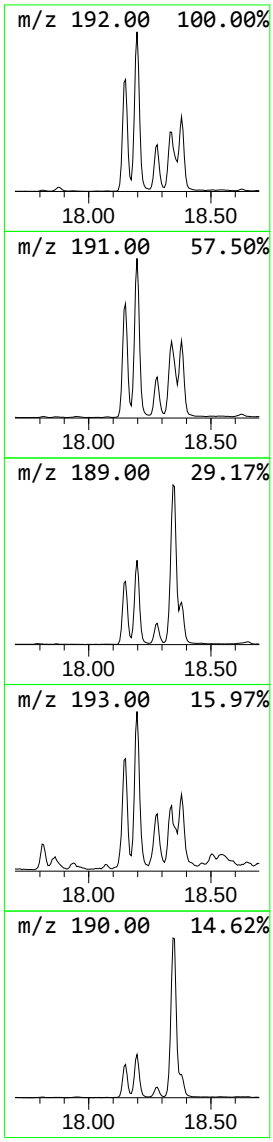
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.198	19.11 ng	2175340	Phenanthrene-d10	17.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





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Sample : 02260-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SP-1C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

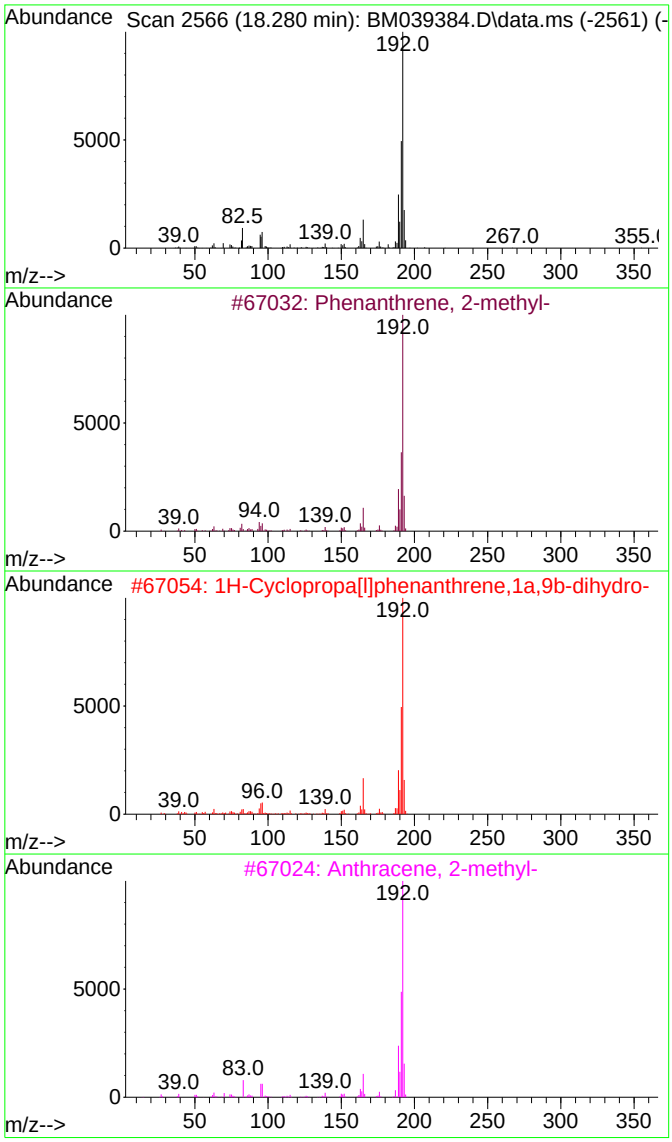
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

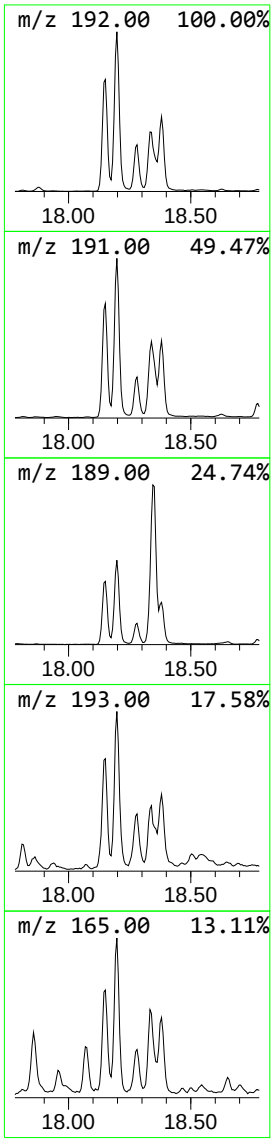
****

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.280	4.98 ng	567294	Phenanthrene-d10	17.274

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	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96





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Operator : CG/JU
Sample : 02260-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SP-1C

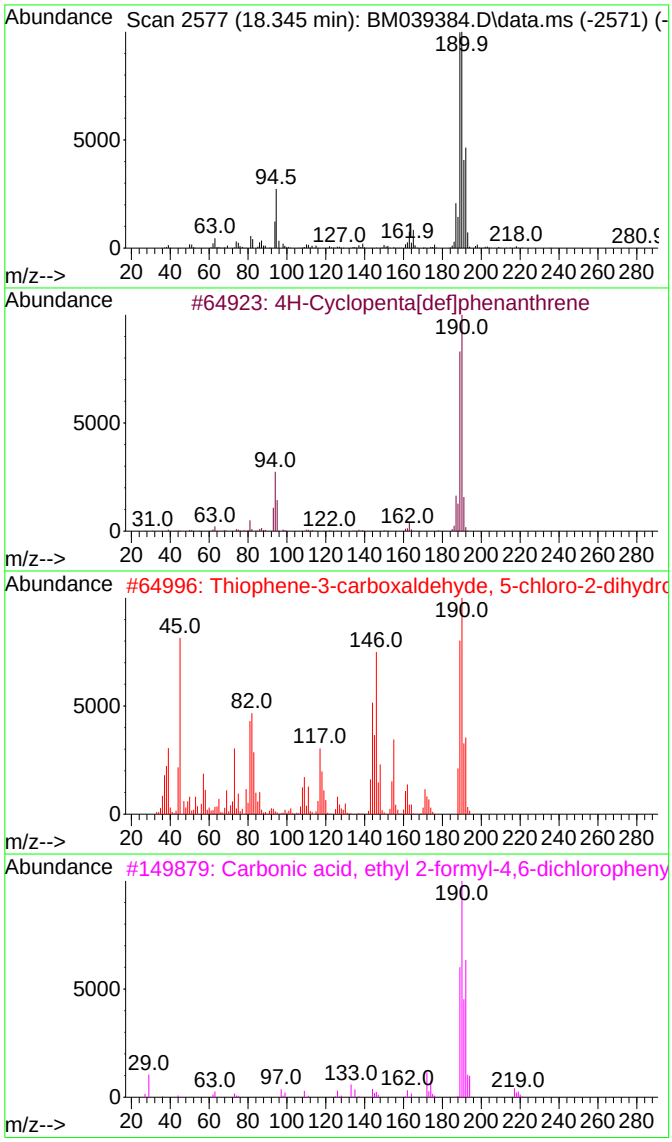
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

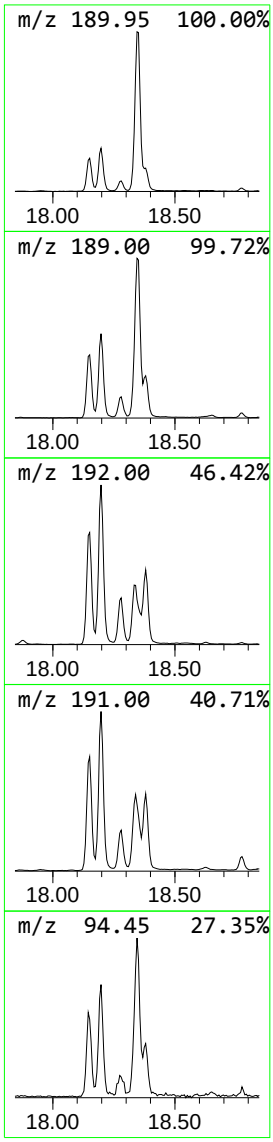
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.345	18.57 ng	2114070	Phenanthrene-d10	17.274

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	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40
5	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	38





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Acq On : 10 Apr 2023 19:14
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Sample : 02260-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.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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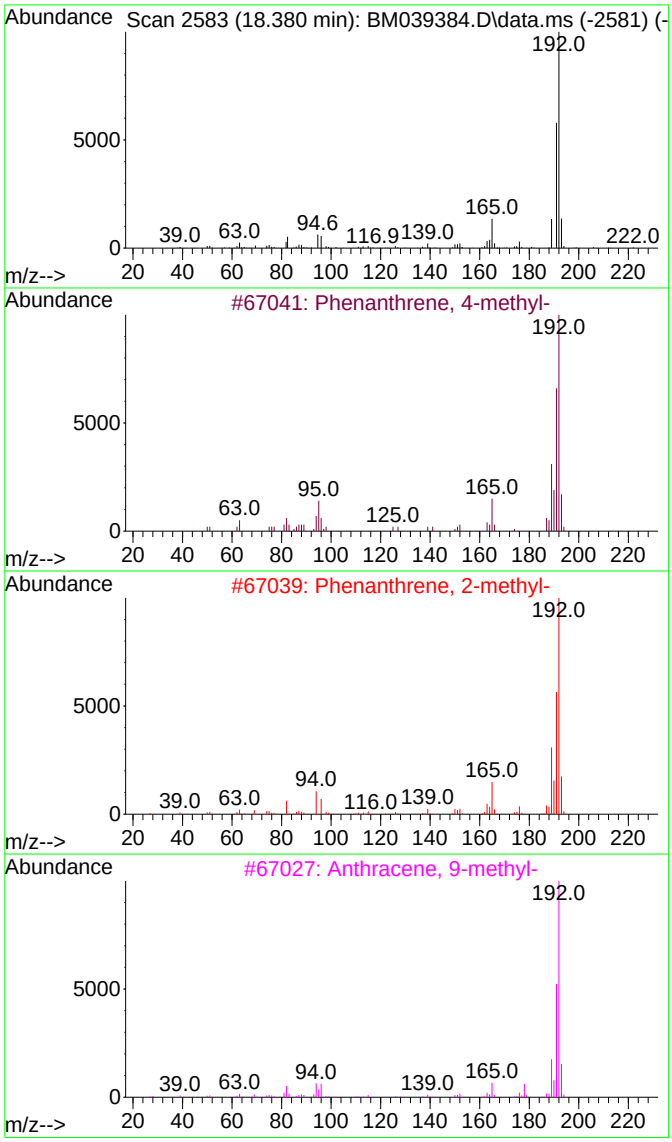
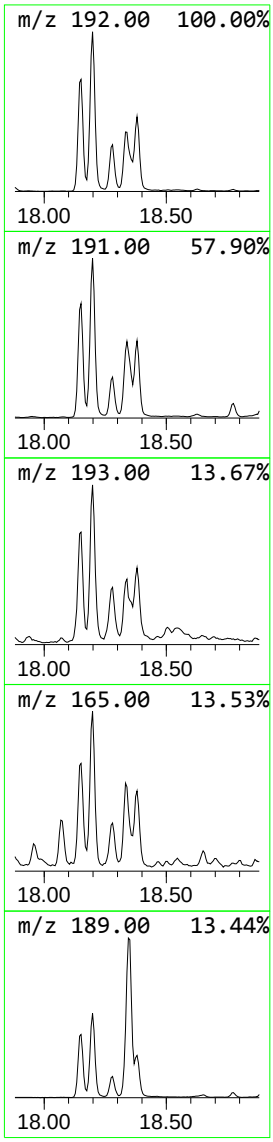
Peak Number 10 Phenanthrene, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.380	6.62 ng	753939	Phenanthrene-d10	17.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-1C

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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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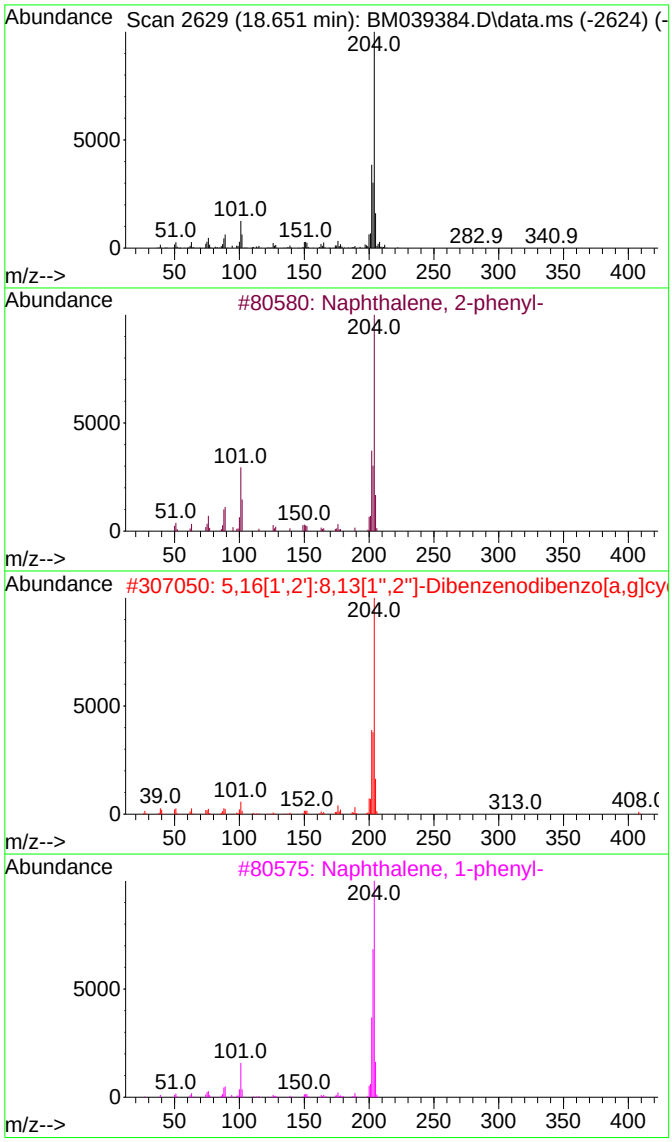
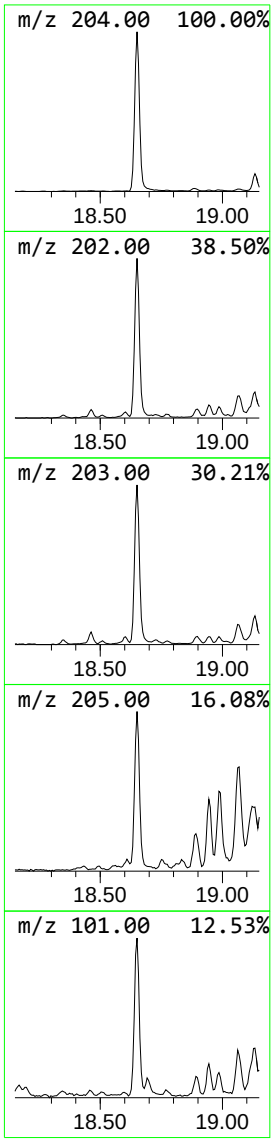
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.651	8.00 ng	911267	Phenanthrene-d10	17.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	50





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

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

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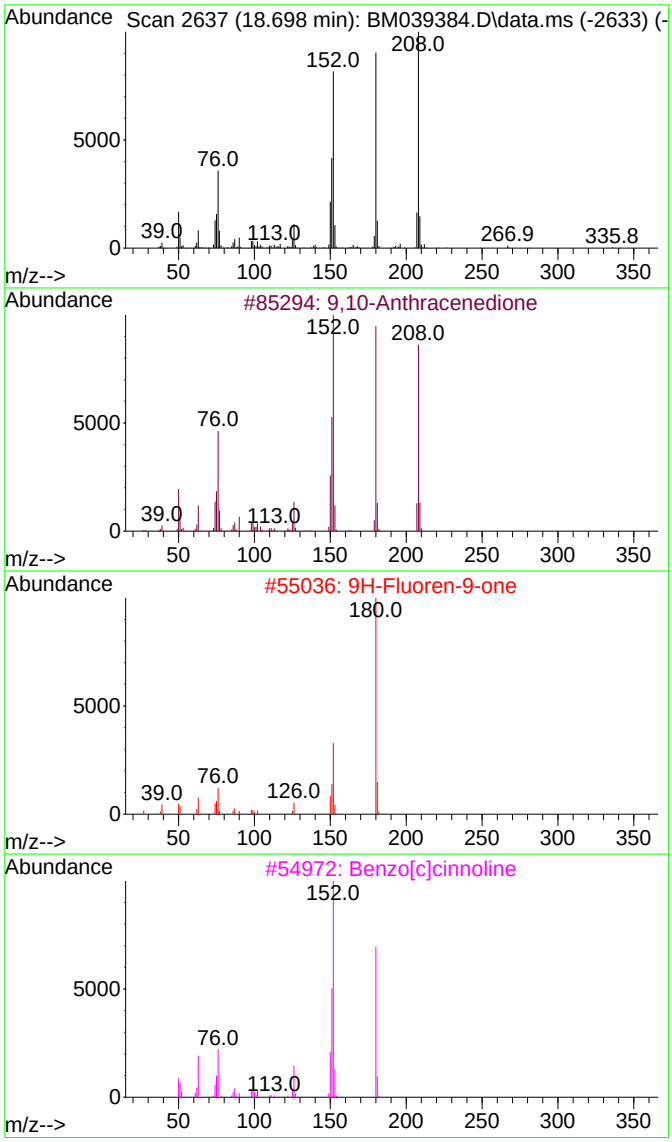
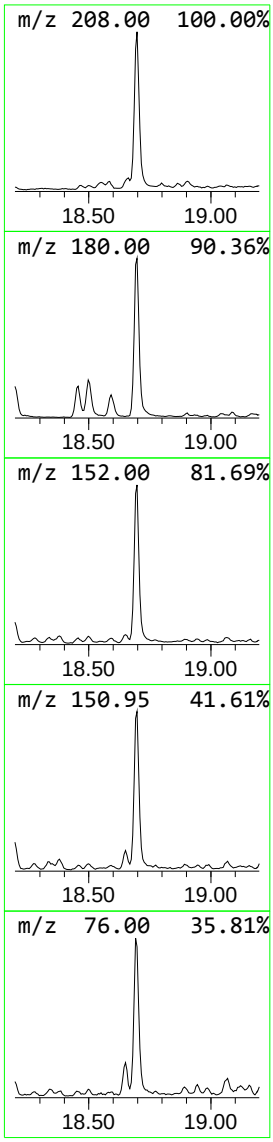
Peak Number 12 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.698	9.04 ng	1029590	Phenanthrene-d10	17.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60





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Sample : 02260-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-1C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.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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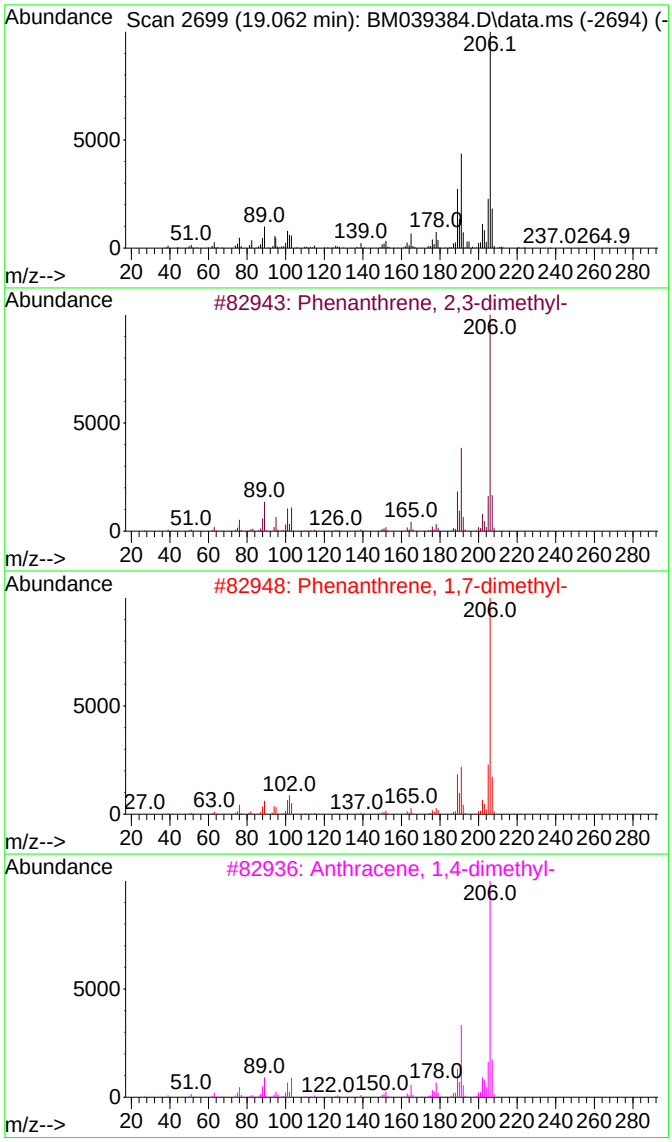
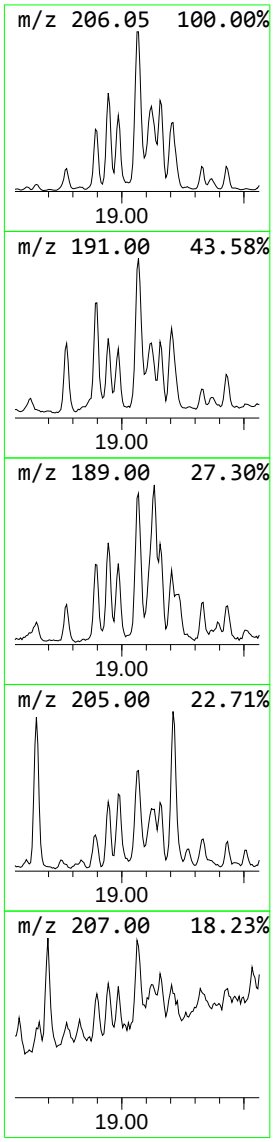
Peak Number 13 Phenanthrene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.062	5.98 ng	680884	Phenanthrene-d10	17.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	91





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Sample : 02260-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.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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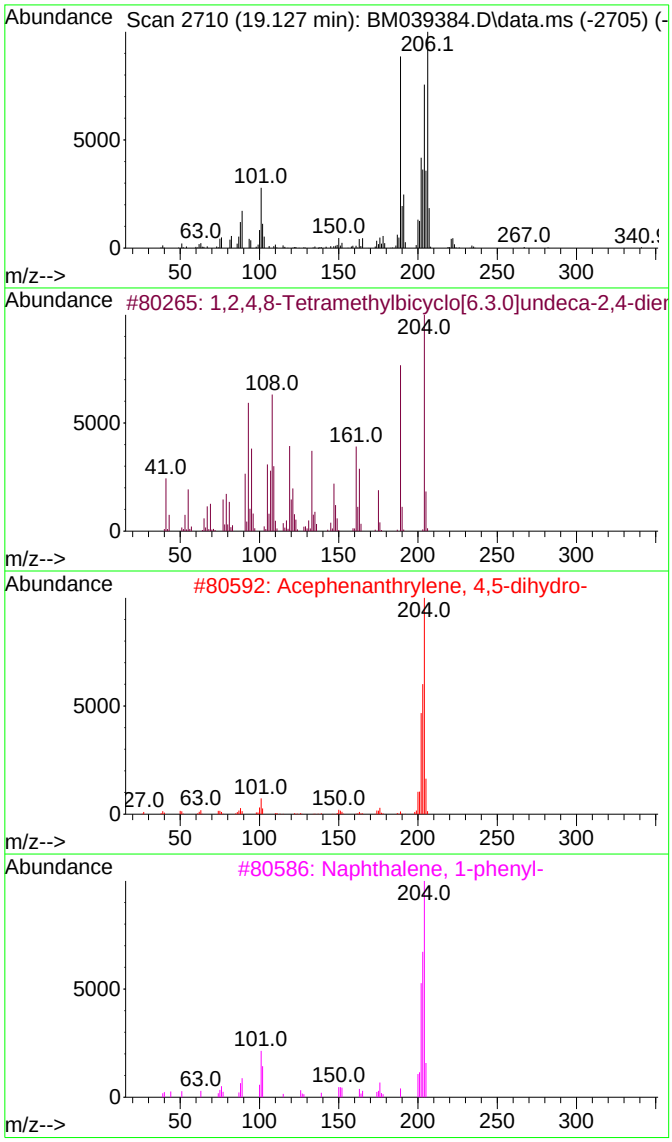
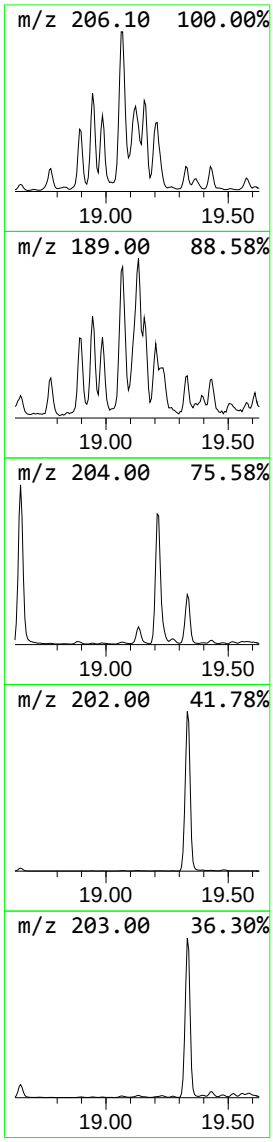
Peak Number 14 unknown19.127 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.127	3.73 ng	424634	Phenanthrene-d10	17.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38
2	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	35
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	35
4	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	35
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	30





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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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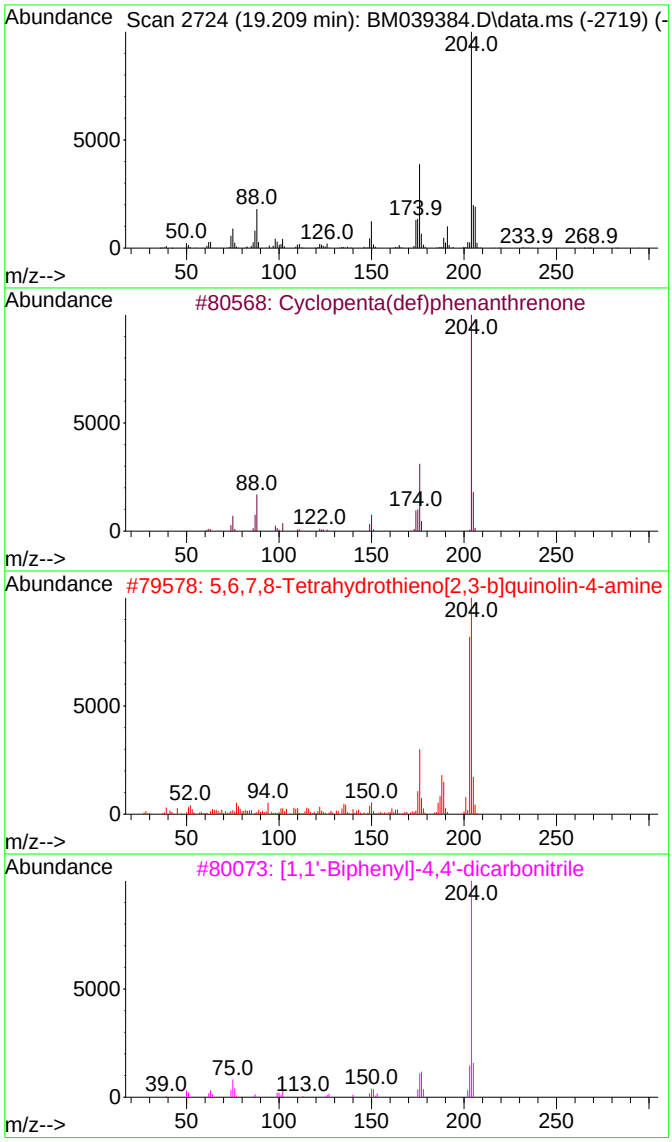
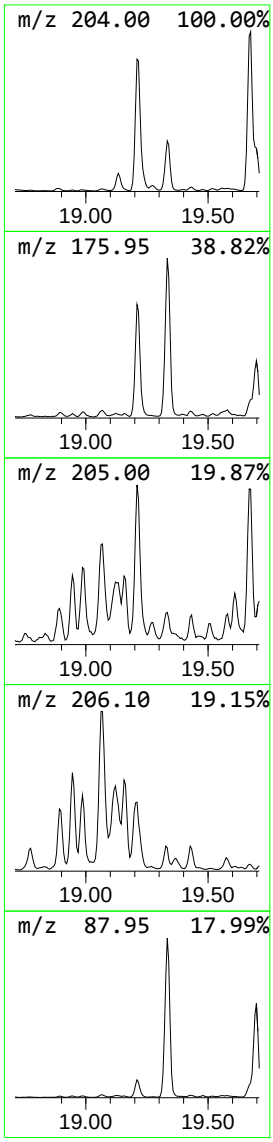
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.209	9.25 ng	1053630	Phenanthrene-d10	17.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	59
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	42





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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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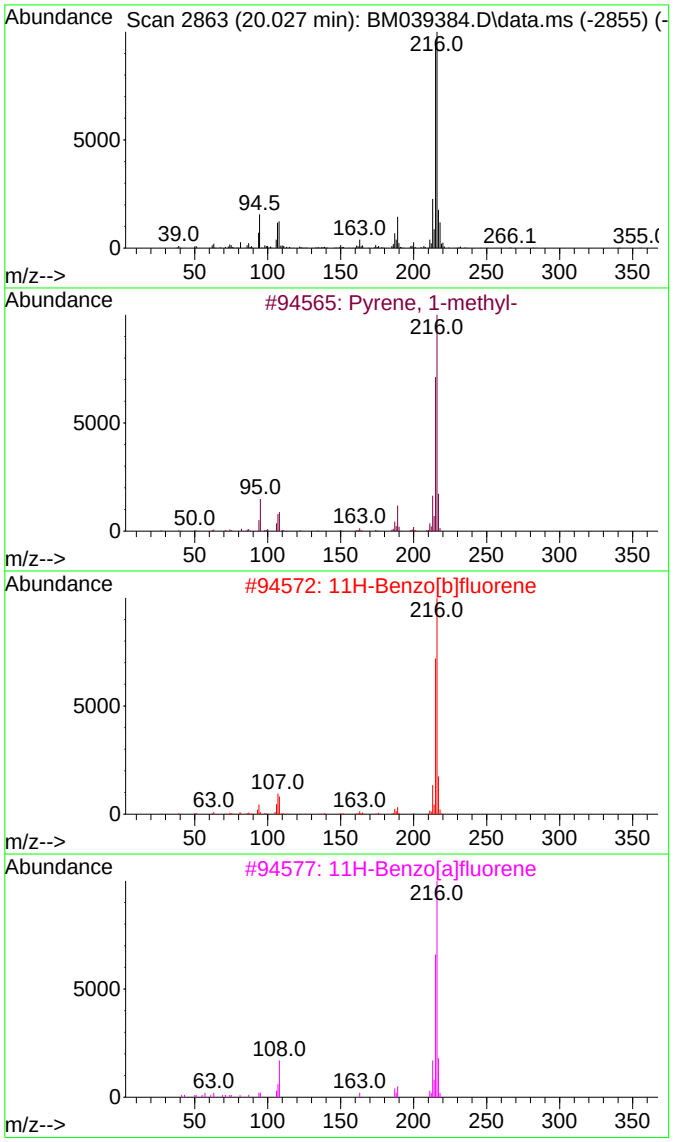
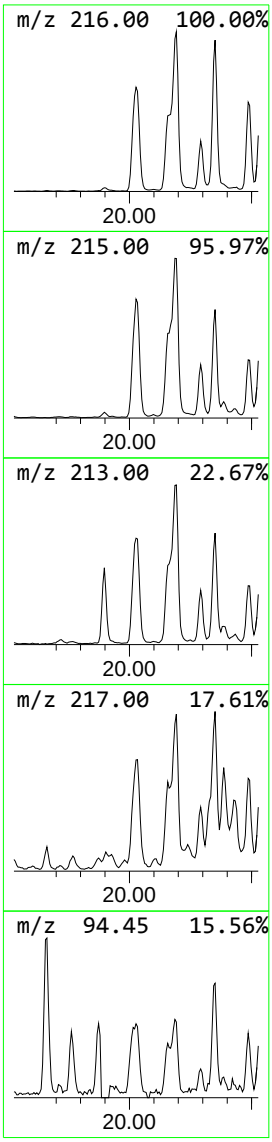
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.027	3.29 ng	1525580	Chrysene-d12	21.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	68
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68





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ALS Vial : 15 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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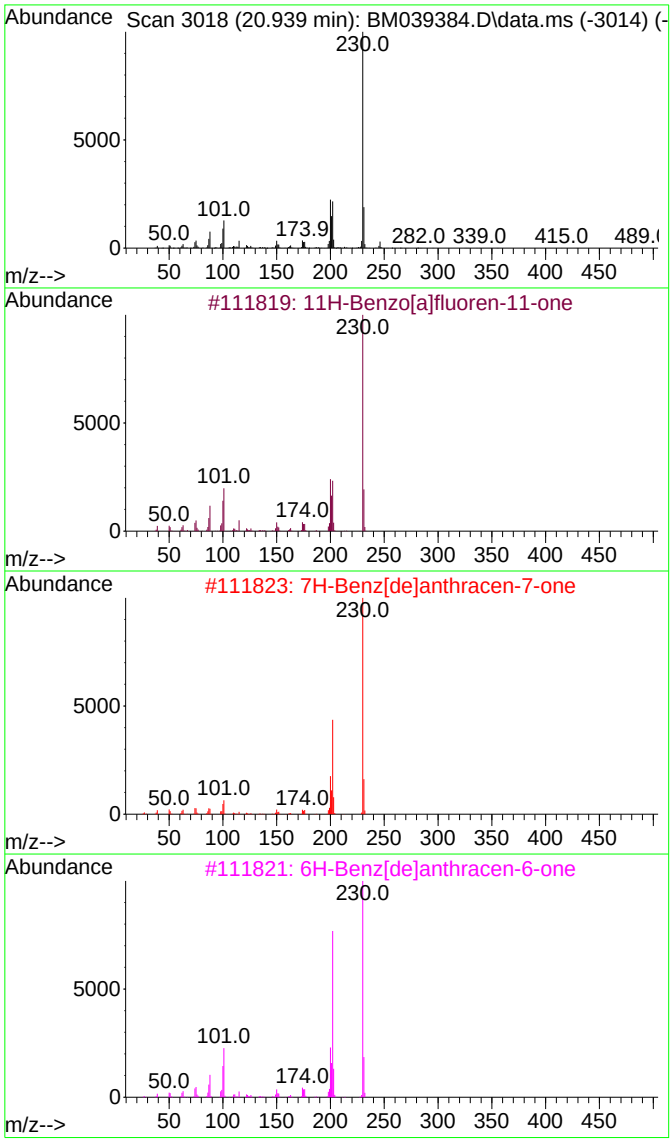
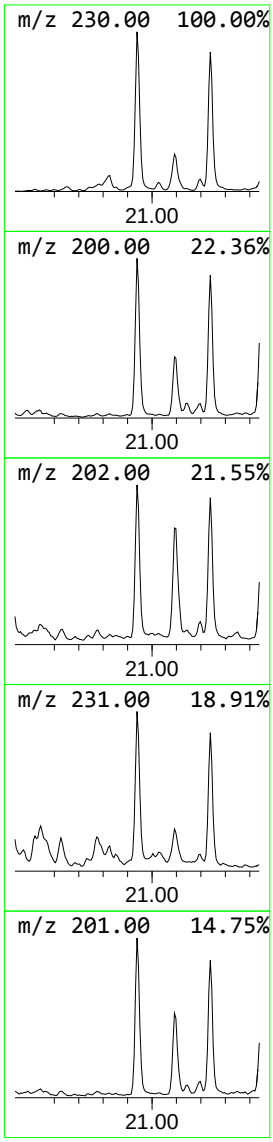
Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.939	3.86 ng	1786300	Chrysene-d12	21.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	98
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	91
4	o-Terphenyl	230	C18H14	000084-15-1	64
5	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
Data File : BM039384.D
Acq On : 10 Apr 2023 19:14
Operator : CG/JU
Sample : 02260-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-1C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.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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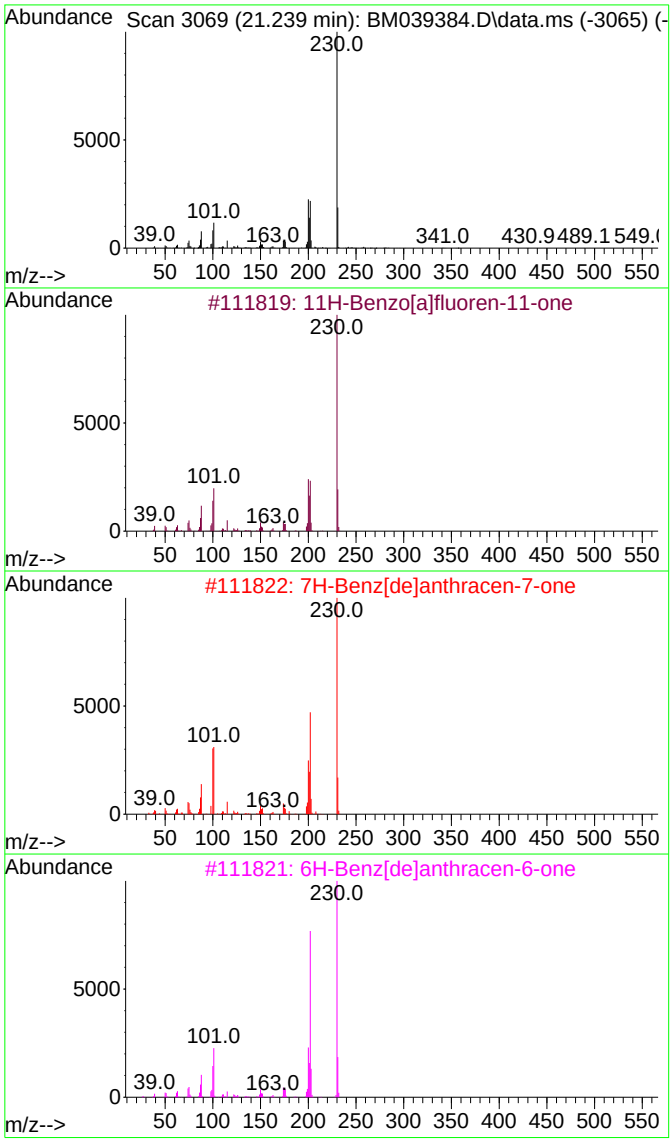
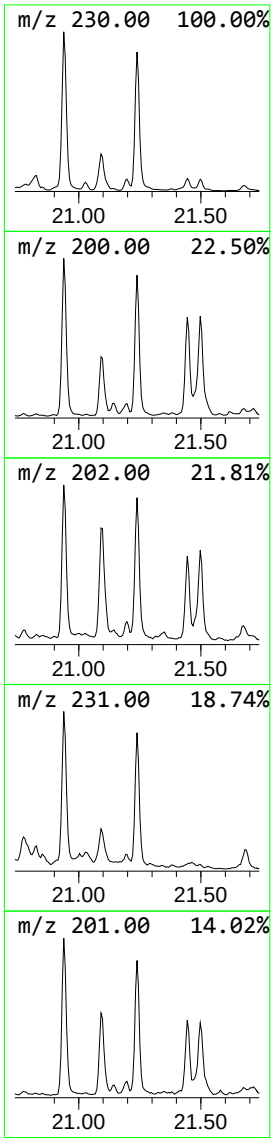
Peak Number 18 7H-Benz[de]anthracen-7-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.239	3.65 ng	1688620	Chrysene-d12	21.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	72
4	o-Terphenyl	230	C18H14	000084-15-1	59
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
Data File : BM039384.D
Acq On : 10 Apr 2023 19:14
Operator : CG/JU
Sample : 02260-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-1C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.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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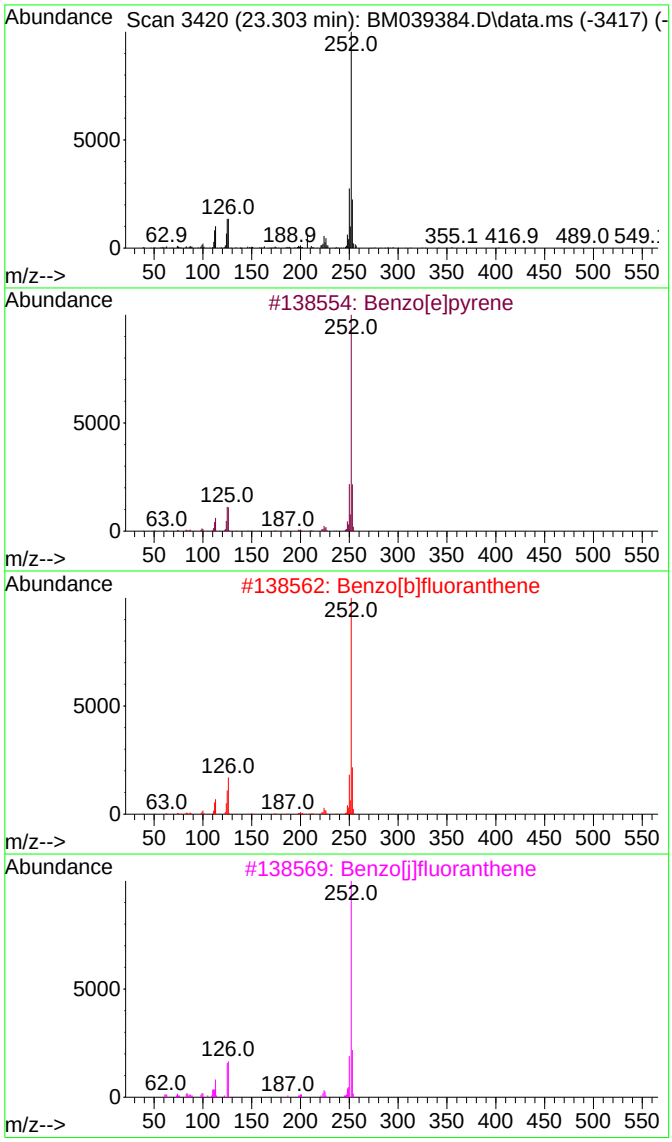
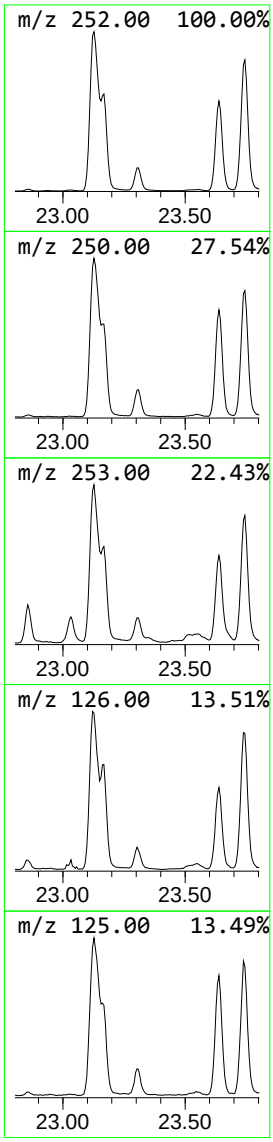
Peak Number 19 Benzo[e]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.303	5.72 ng	585071	Perylene-d12	23.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	97
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
Data File : BM039384.D
Acq On : 10 Apr 2023 19:14
Operator : CG/JU
Sample : 02260-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-1C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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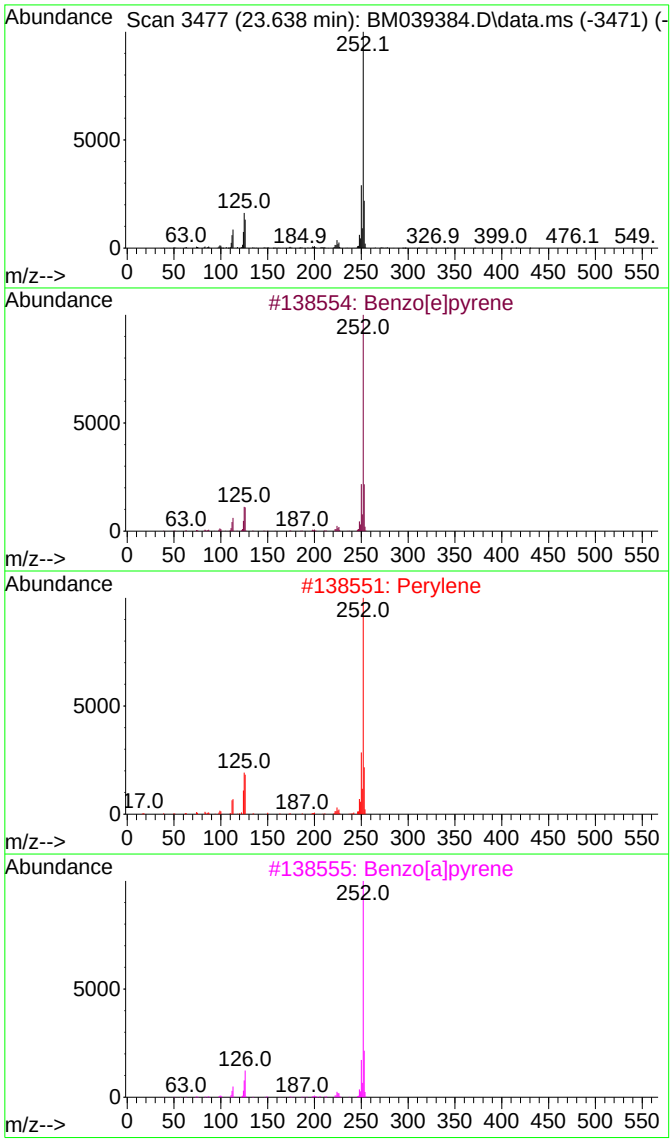
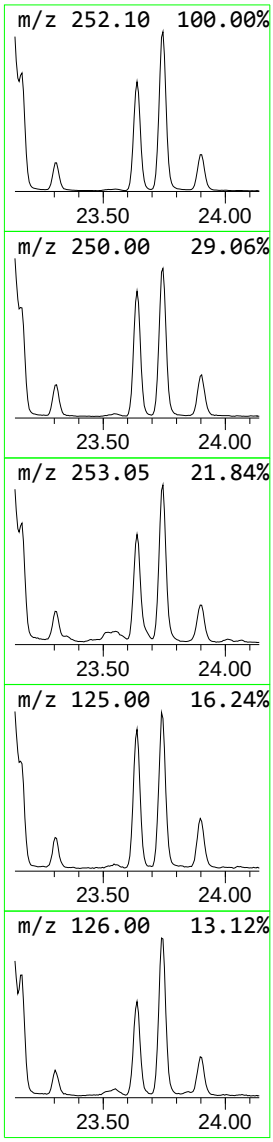
Peak Number 20 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.639	29.47 ng	3014770	Perylene-d12	23.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	99
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
Data File : BM039384.D
Acq On : 10 Apr 2023 19:14
Operator : CG/JU
Sample : 02260-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-1C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.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
2-Pentanone, 4-...	4.957	31.5	ng	2137680	1	7.869	1359170	20.0
Benzophenone	15.880	8.1	ng	966367	3	14.521	2390550	20.0
9H-Fluorene, 1-...	16.574	4.2	ng	473901	4	17.274	2276910	20.0
9H-Fluoren-9-one	16.927	8.1	ng	917638	4	17.274	2276910	20.0
Dibenzothiophene	17.086	6.2	ng	706467	4	17.274	2276910	20.0
Phenanthrene, 2...	18.151	15.3	ng	1738330	4	17.274	2276910	20.0
1H-Cyclopropa[l...	18.198	19.1	ng	2175340	4	17.274	2276910	20.0
Anthracene, 2-m...	18.280	5.0	ng	567294	4	17.274	2276910	20.0
4H-Cyclopenta[d...	18.345	18.6	ng	2114070	4	17.274	2276910	20.0
Phenanthrene, 4...	18.380	6.6	ng	753939	4	17.274	2276910	20.0
Naphthalene, 2-...	18.651	8.0	ng	911267	4	17.274	2276910	20.0
9,10-Anthracene...	18.698	9.0	ng	1029590	4	17.274	2276910	20.0
Phenanthrene, 2...	19.062	6.0	ng	680884	4	17.274	2276910	20.0
unknown19.127	19.127	3.7	ng	424634	4	17.274	2276910	20.0
Cyclopenta(def)...	19.209	9.3	ng	1053630	4	17.274	2276910	20.0
Pyrene, 1-methyl-	20.027	3.3	ng	1525580	5	21.462	9265240	20.0
11H-Benzo[a]flu...	20.939	3.9	ng	1786300	5	21.462	9265240	20.0
7H-Benz[de]anth...	21.239	3.6	ng	1688620	5	21.462	9265240	20.0
Benzo[e]pyrene	23.303	5.7	ng	585071	6	23.850	2045680	20.0
Perylene	23.639	29.5	ng	3014770	6	23.850	2045680	20.0