LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032823\
Data File : BM039192.D
Acq On : 28 Mar 2023 22:49
Operator : CG/JU
Sample : 02108-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VNJ-235

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-BM030823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM039192.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.028	289	296	306	rVB	1796001	2457475	19.63%	1.780%
2	5.493	369	375	393	rVB	4104506	5941076	47.47%	4.303%
3	7.104	639	649	658	rBV	3930560	6006587	47.99%	4.351%
4	7.934	782	790	798	rBV	1109289	1681239	13.43%	1.218%
5	9.104	981	989	1001	rBV	2395755	3866014	30.89%	2.800%
6	10.745	1258	1268	1275	rBV	1304290	2196868	17.55%	1.591%
7	13.204	1678	1686	1697	rBV	5167485	7485832	59.81%	5.422%
8	14.304	1867	1873	1881	rBV	294140	471726	3.77%	0.342%
9	14.580	1910	1920	1926	rBV	1680329	2443982	19.53%	1.770%
10	14.639	1926	1930	1939	rVB	125334	195560	1.56%	0.142%
11	15.627	2092	2098	2109	rVB	149343	287035	2.29%	0.208%
12	15.933	2143	2150	2161	rVB	1237076	1784072	14.25%	1.292%
13	16.068	2166	2173	2187	rVB	3440257	4864142	38.86%	3.523%
14	16.304	2206	2213	2219	rBV4	159309	272044	2.17%	0.197%
15	16.498	2242	2246	2252	rVB	167646	228214	1.82%	0.165%
16	16.980	2323	2328	2335	rVB	197105	296962	2.37%	0.215%
17	17.139	2351	2355	2364	rVB2	144311	248910	1.99%	0.180%
18	17.321	2381	2386	2390	rVV	1791756	2603105	20.80%	1.885%
19	17.368	2390	2394	2403	rVV	1906101	2607964	20.84%	1.889%
20	17.456	2404	2409	2414	rVV	705383	969726	7.75%	0.702%
21	17.509	2414	2418	2424	rVB4	60164	141357	1.13%	0.102%
22	17.727	2446	2455	2460	rBV	174060	344373	2.75%	0.249%
23	17.904	2481	2485	2492	rVB	152770	219797	1.76%	0.159%
24	18.221	2531	2539	2542	rBV2	1114351	1980570	15.82%	1.435%
25	18.327	2553	2557	2563	rVB	232060	319717	2.55%	0.232%
26	18.398	2563	2569	2573	rBV2	484183	980095	7.83%	0.710%
27	18.433	2573	2575	2582	rVB	277399	320753	2.56%	0.232%
28	18.698	2614	2620	2624	rBV3	231953	364177	2.91%	0.264%
29	18.745	2624	2628	2635	rVB2	326579	468468	3.74%	0.339%
30	18.998	2668	2671	2674	rVV	132659	174322	1.39%	0.126%
31	19.033	2674	2677	2681	rVB2	143287	177556	1.42%	0.129%
32	19.115	2687	2691	2697	rBV2	360057	646078	5.16%	0.468%
33	19.256	2711	2715	2721	rBV2	248661	430808	3.44%	0.312%
34	19.380	2731	2736	2742	rVB	3256040	4252340	33.97%	3.080%
35	19.492	2750	2755	2759	rBV2	380228	624074	4.99%	0.452%
36	19.533	2759	2762	2766	rVB	201359	258267	2.06%	0.187%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032823\
Data File : BM039192.D
Acq On : 28 Mar 2023 22:49
Operator : CG/JU
Sample : 02108-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VNJ-235

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-BM030823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.709	2788	2792	2794	rBV	414156	570539	4.56%	0.413%
38	19.745	2794	2798	2806	rVV	3192042	4432578	35.41%	3.211%
39	19.815	2806	2810	2816	rVB2	228110	375972	3.00%	0.272%
40	19.945	2826	2832	2837	rBV	6680896	8260878	66.00%	5.984%
41	20.080	2848	2855	2860	rBV4	407393	973507	7.78%	0.705%
42	20.233	2871	2881	2887	rVB3	613679	1880247	15.02%	1.362%
43	20.339	2896	2899	2902	rVB	274304	296393	2.37%	0.215%
44	20.397	2903	2909	2913	rBV2	533370	818933	6.54%	0.593%
45	20.539	2929	2933	2936	rBV	700364	856343	6.84%	0.620%
46	20.580	2937	2940	2944	rVB	386336	500378	4.00%	0.362%
47	20.986	3005	3009	3015	rVB	681976	939552	7.51%	0.681%
48	21.150	3034	3037	3041	rVB2	519700	664887	5.31%	0.482%
49	21.209	3041	3047	3049	rBV2	651803	1234593	9.86%	0.894%
50	21.492	3090	3095	3101	rBV2	3371089	8205437	65.56%	5.943%
51	21.544	3101	3104	3114	rVB	3874003	5294346	42.30%	3.835%
52	22.086	3194	3196	3200	rVB	767474	850092	6.79%	0.616%
53	22.144	3203	3206	3211	rVB2	675885	950380	7.59%	0.688%
54	23.197	3378	3385	3390	rBV	5274155	12516358	100.00%	9.066%
55	23.380	3412	3416	3422	rVB	572890	929870	7.43%	0.674%
56	23.721	3468	3474	3482	rVB	3570607	6902353	55.15%	5.000%
57	23.821	3485	3491	3498	rVB	2922063	5725141	45.74%	4.147%
58	23.927	3504	3509	3514	rBV	1256151	2500743	19.98%	1.811%
59	23.985	3515	3519	3527	rVB3	1258015	2685326	21.45%	1.945%
60	26.450	3930	3938	3950	rVB2	2050224	6153307	49.16%	4.457%
61	27.226	4063	4070	4082	rVB	1593915	4931326	39.40%	3.572%

Sum of corrected areas: 138060764

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Data File : BM039192.D
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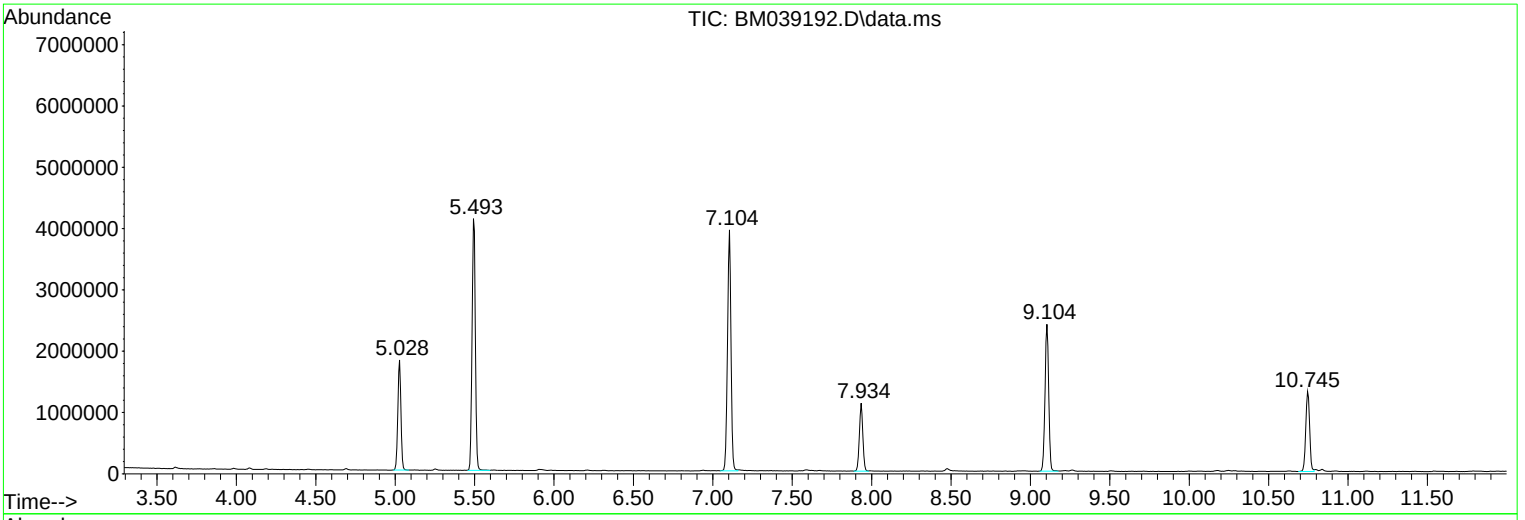
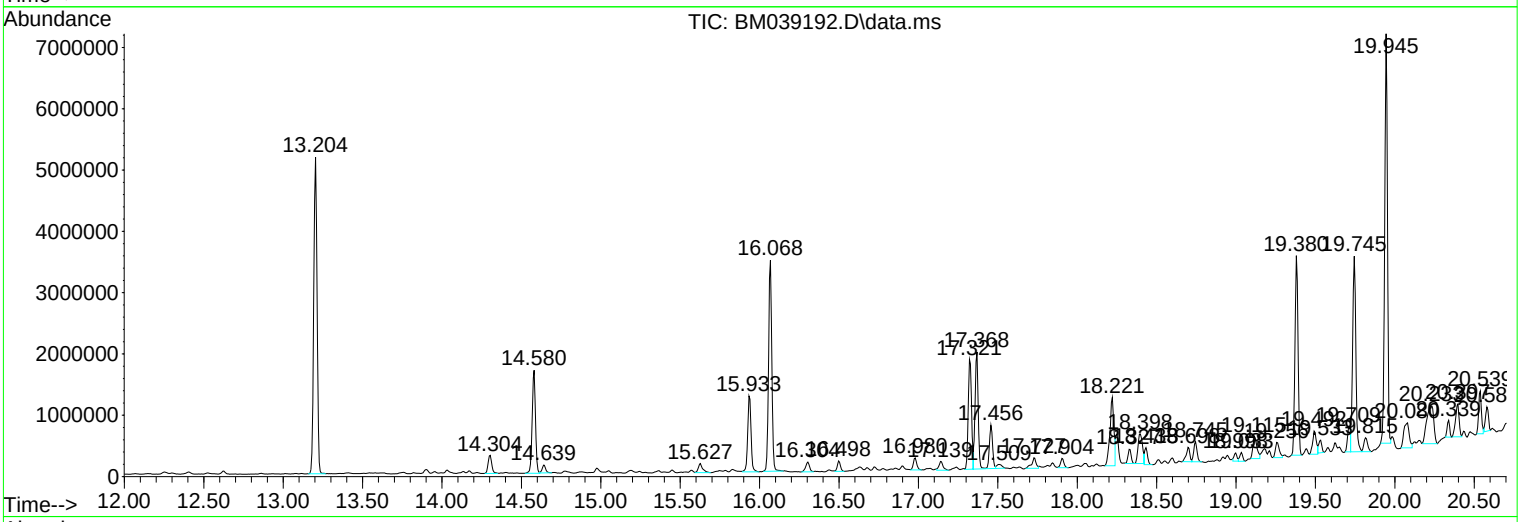
Misc :
ALS Vial : 14 Sample Multiplier: 1

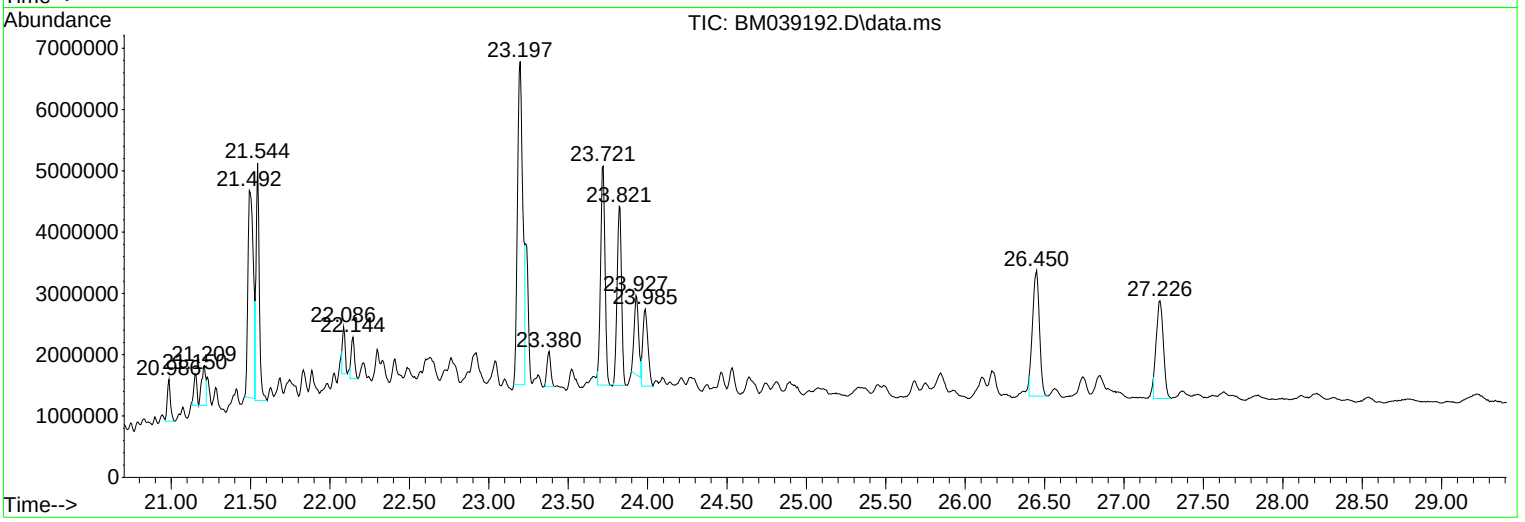
Instrument :
BNA_M
ClientSampleId :
VNJ-235

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.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\BM032823\
Data File : BM039192.D
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Instrument :
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ClientSampleId :
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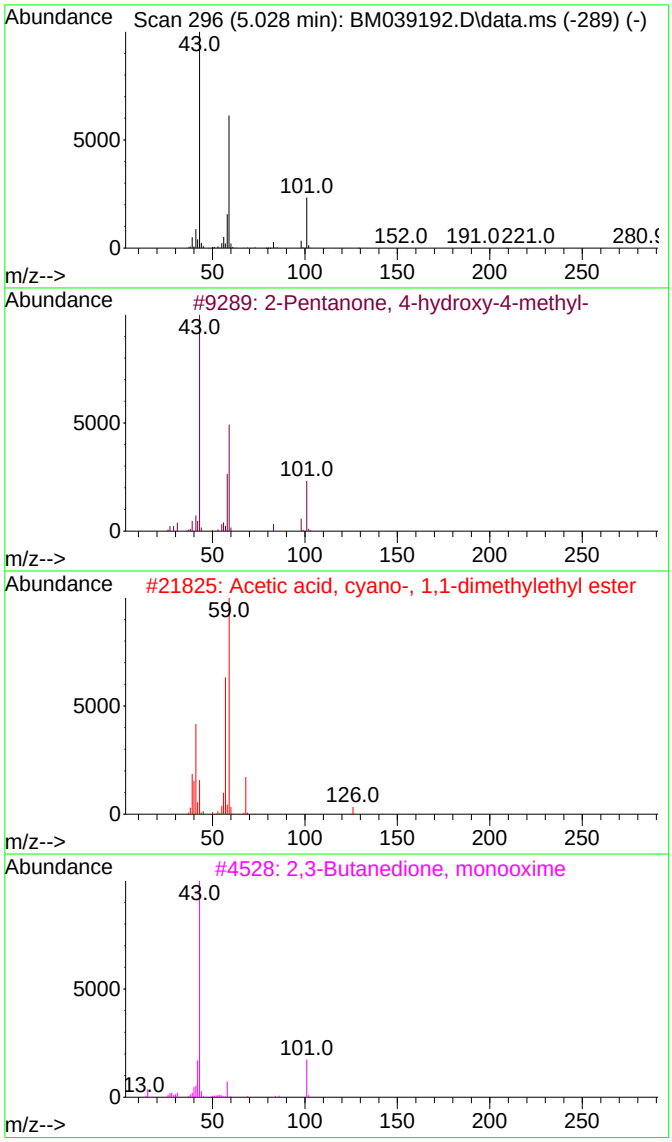
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

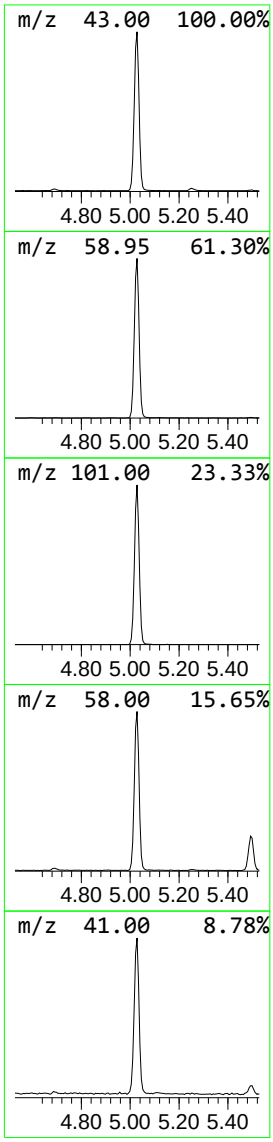
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.028	29.23 ng	2457480	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032823\
Data File : BM039192.D
Acq On : 28 Mar 2023 22:49
Operator : CG/JU
Sample : 02108-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VNJ-235

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

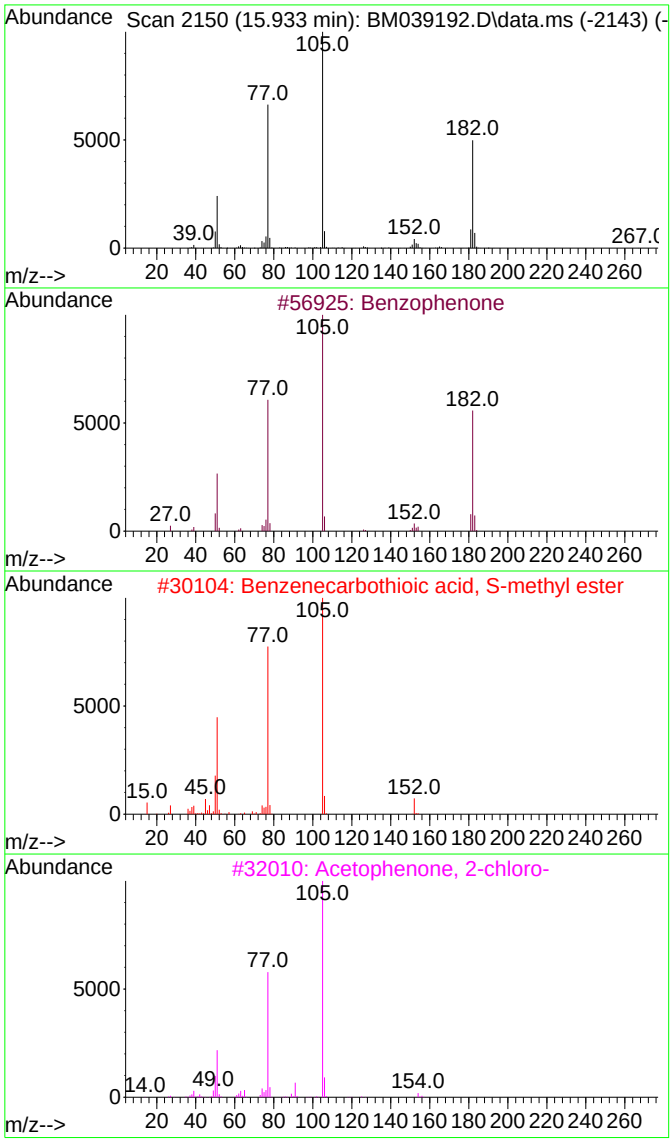
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

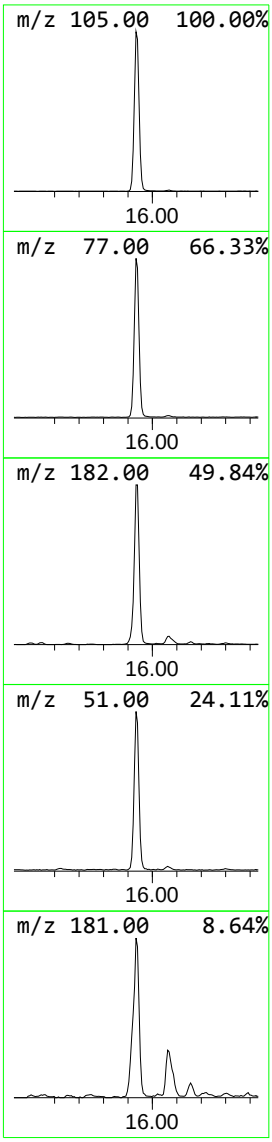
****

Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.933	14.60 ng	1784070	Acenaphthene-d10	14.580

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	50
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	47
5	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032823\
Data File : BM039192.D
Acq On : 28 Mar 2023 22:49
Operator : CG/JU
Sample : 02108-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VNJ-235

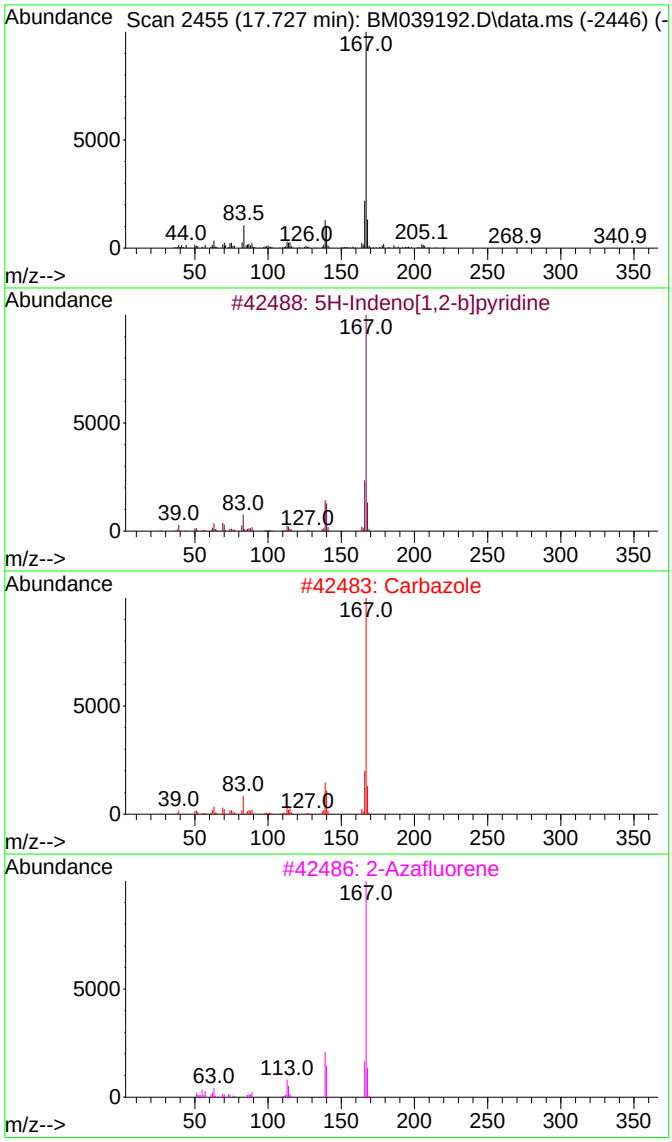
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

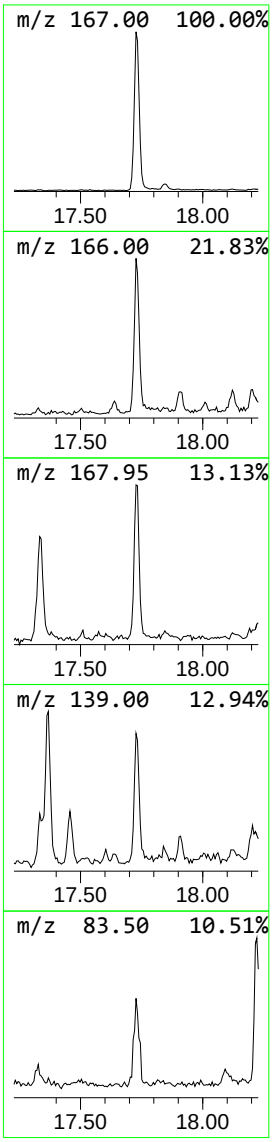
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 5H-Indeno[1,2-b]pyridine Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.727	2.65 ng	344373	Phenanthrene-d10	17.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	95
2	Carbazole	167	C12H9N	000086-74-8	94
3	2-Azafluorene	167	C12H9N	000244-40-6	80
4	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	80
5	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032823\
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Instrument :
BNA_M
ClientSampleId :
VNJ-235

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

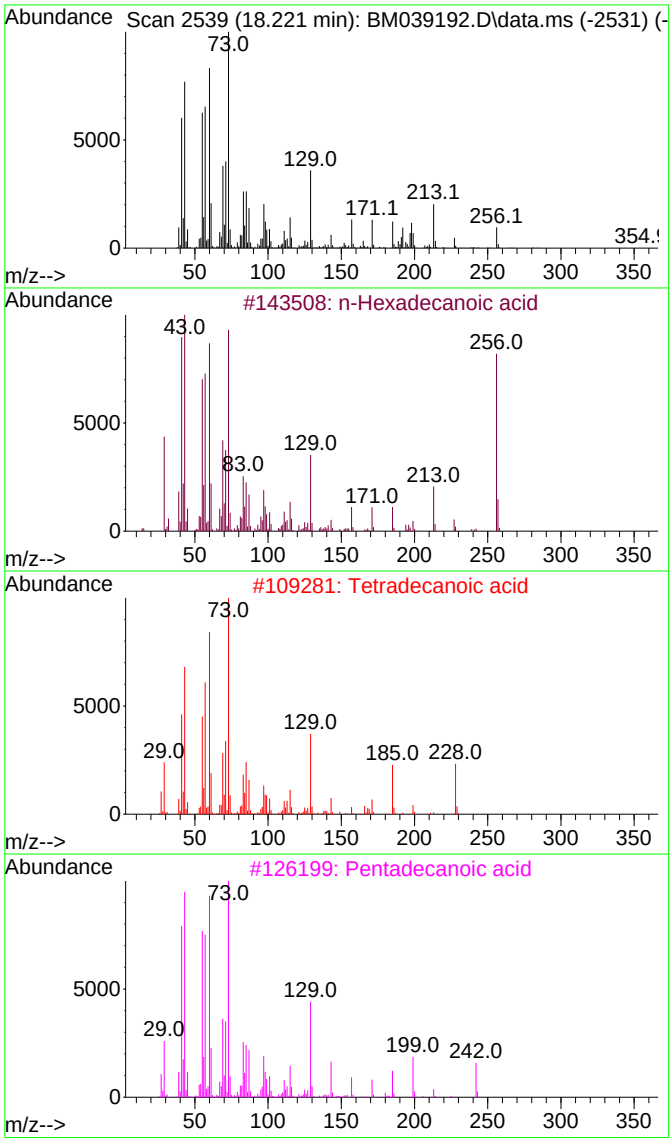
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

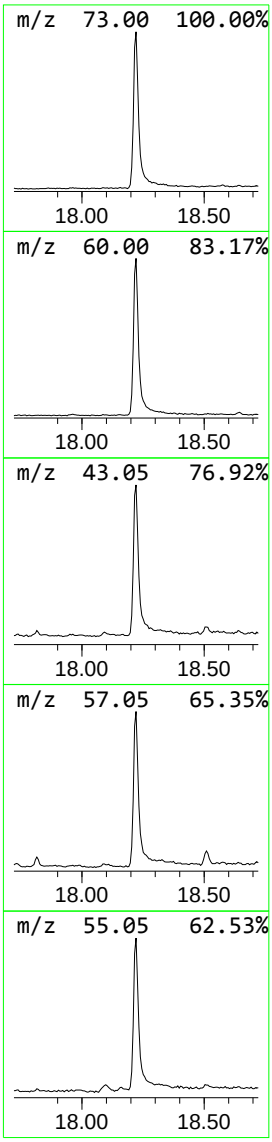
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.221	15.22 ng	1980570	Phenanthrene-d10	17.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032823\
Data File : BM039192.D
Acq On : 28 Mar 2023 22:49
Operator : CG/JU
Sample : 02108-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VNJ-235

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

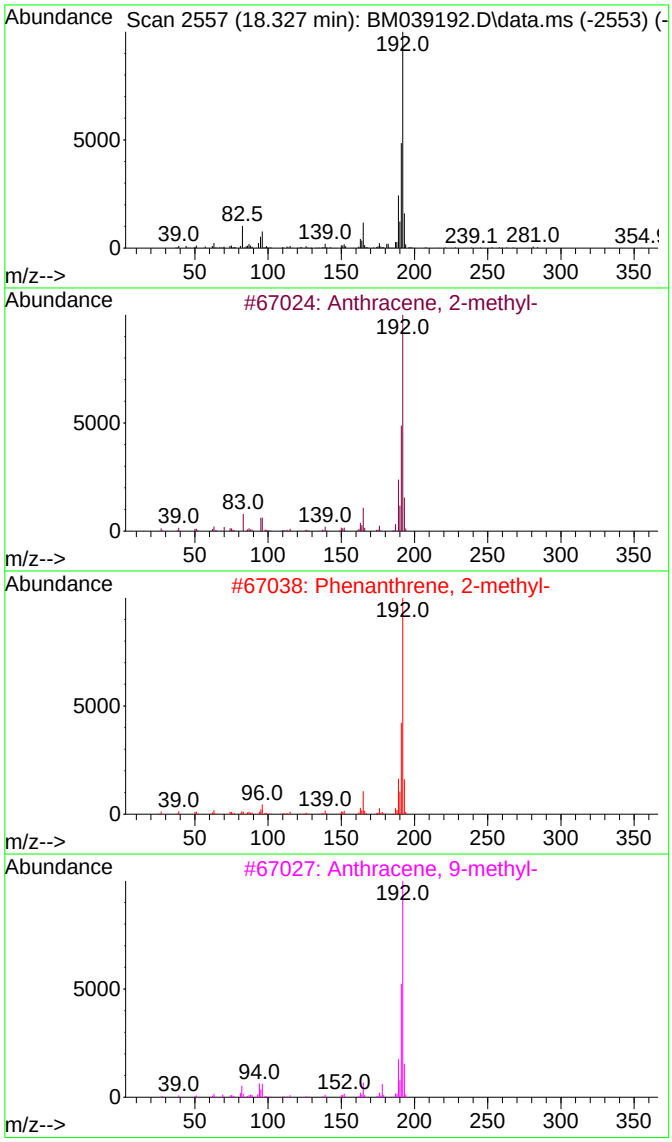
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

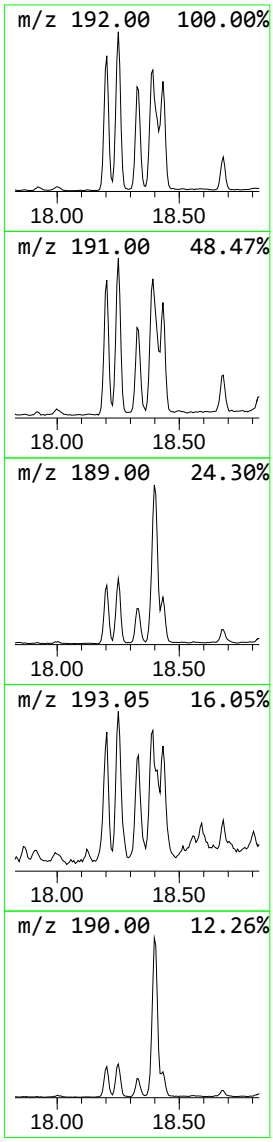
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.327	2.46 ng	319717	Phenanthrene-d10	17.321

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	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032823\
Data File : BM039192.D
Acq On : 28 Mar 2023 22:49
Operator : CG/JU
Sample : 02108-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VNJ-235

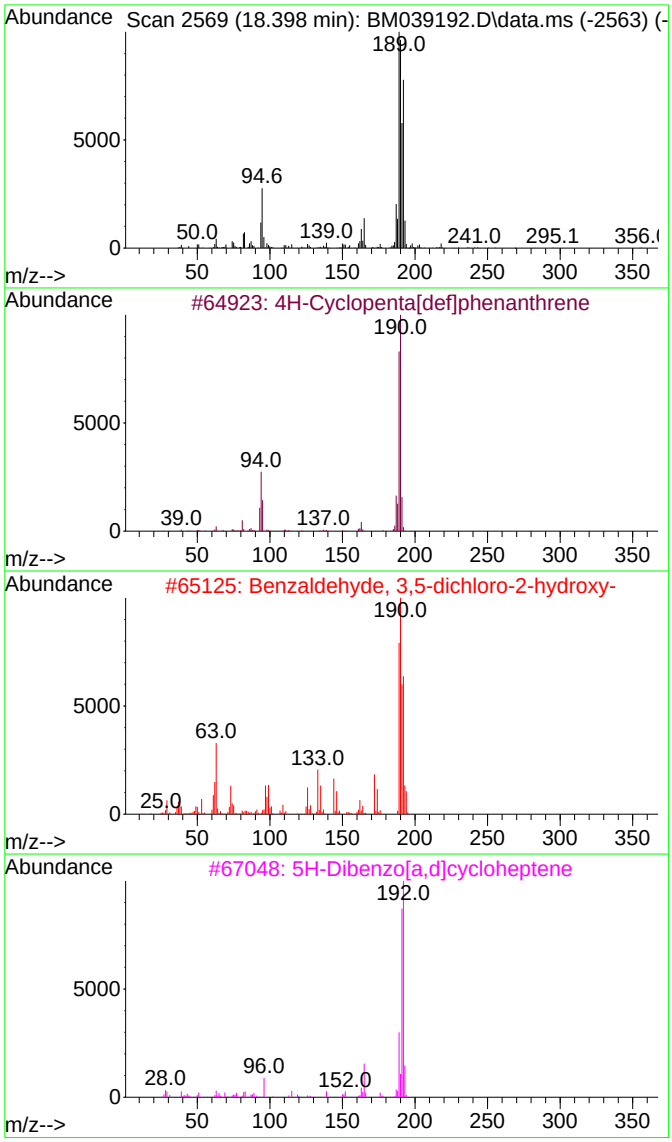
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

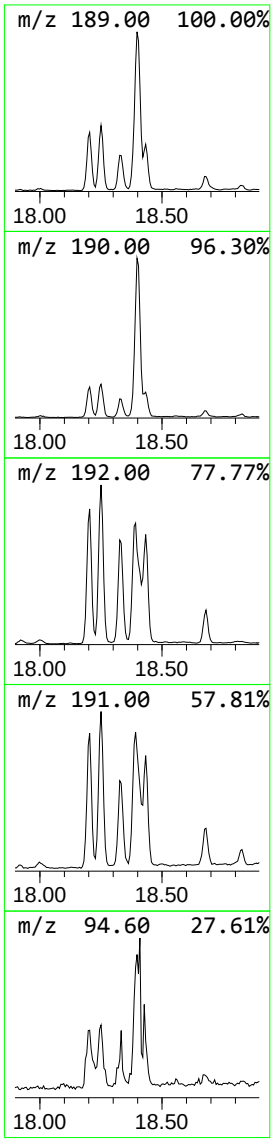
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.398	7.53 ng	980095	Phenanthrene-d10	17.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032823\
Data File : BM039192.D
Acq On : 28 Mar 2023 22:49
Operator : CG/JU
Sample : 02108-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VNJ-235

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

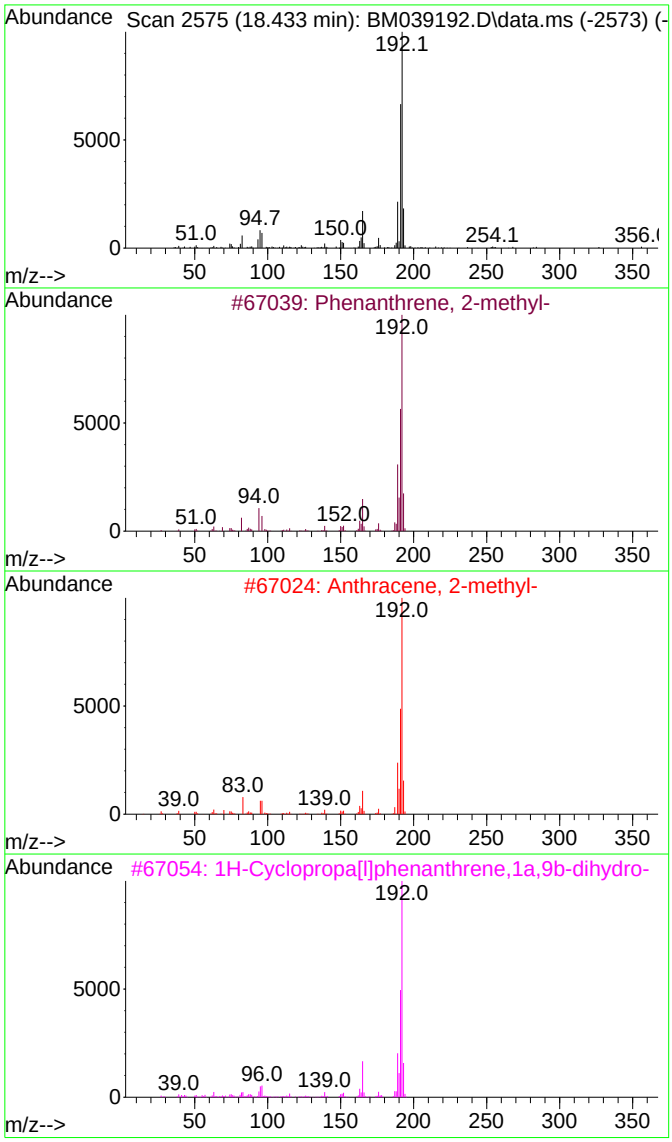
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

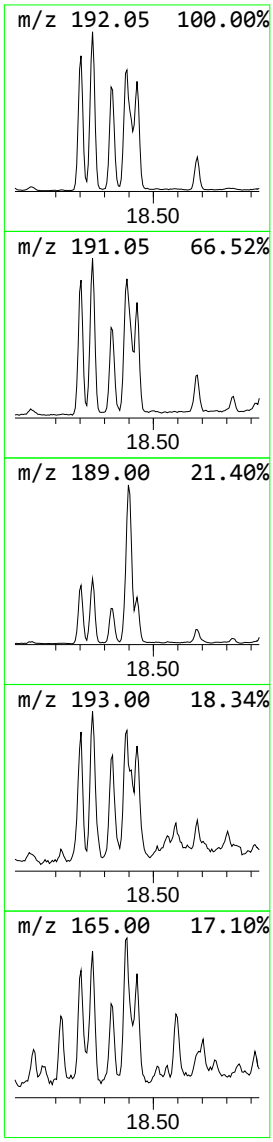
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.433	2.46 ng	320753	Phenanthrene-d10	17.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
5	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	83





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Acq On : 28 Mar 2023 22:49
Operator : CG/JU
Sample : 02108-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

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

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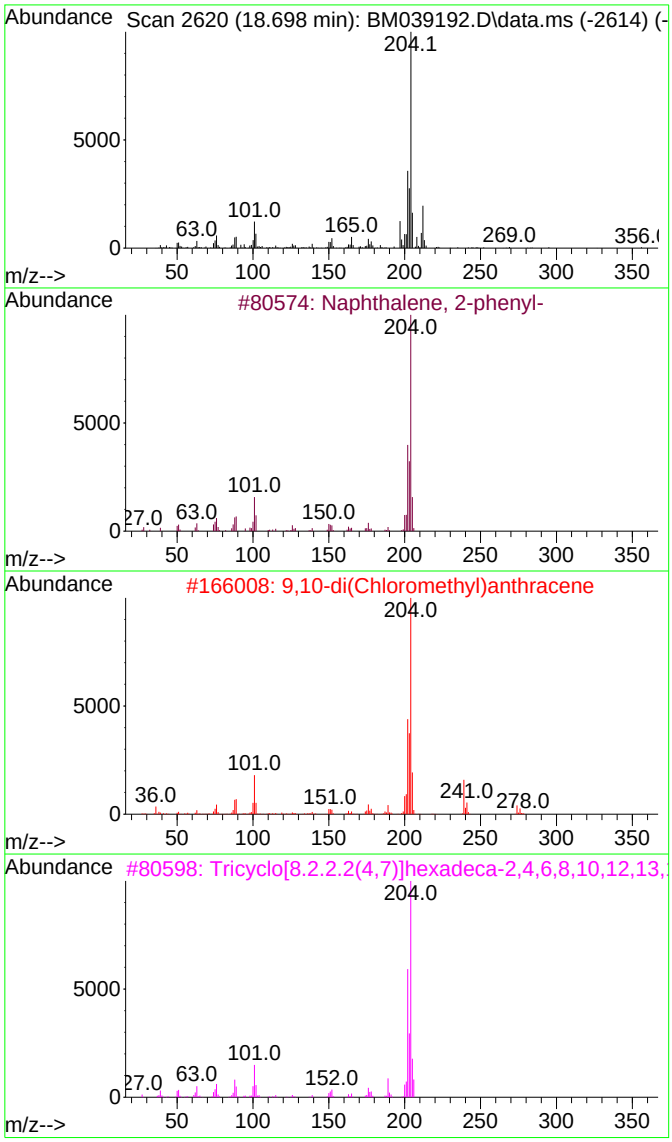
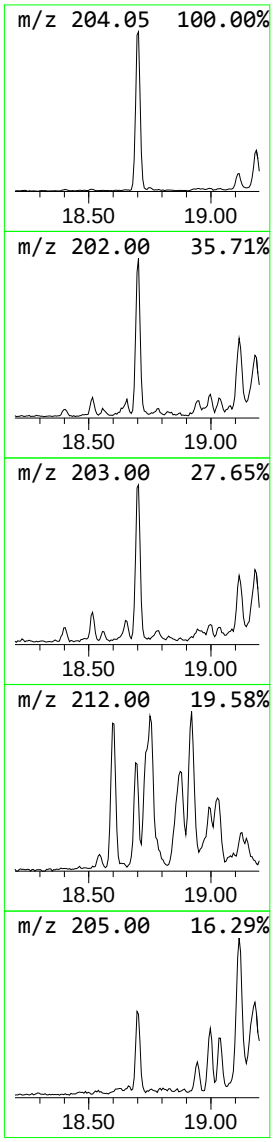
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.698	2.80 ng	364177	Phenanthrene-d10	17.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	68
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
4	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	64
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	50





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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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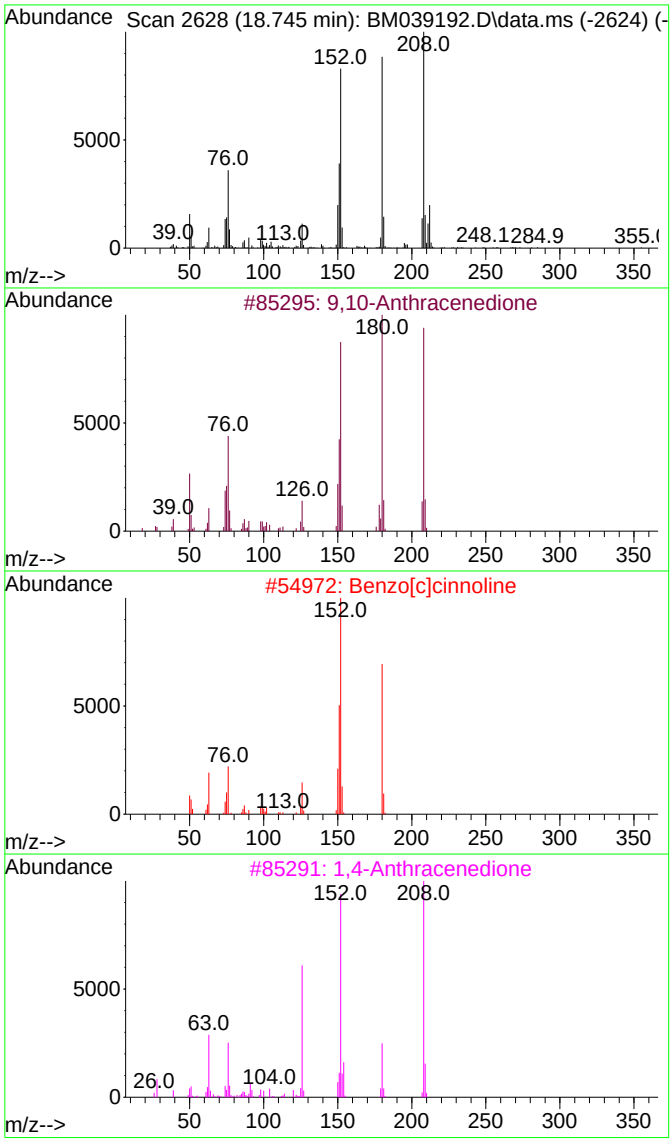
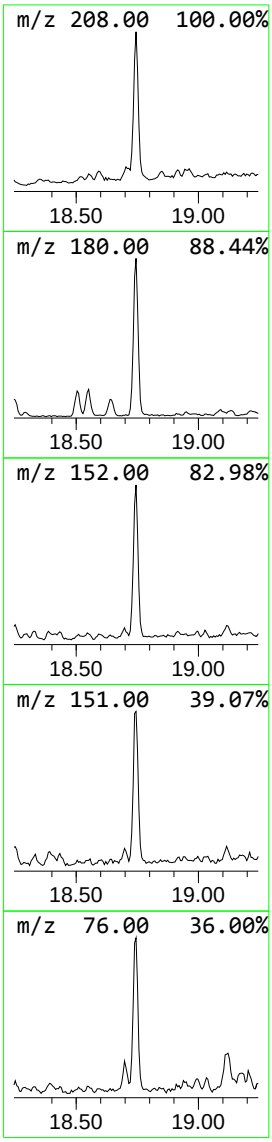
Peak Number 10 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.745	3.60 ng	468468	Phenanthrene-d10	17.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
3	1,4-Anthracenedione	208	C14H8O2	000635-12-1	53
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	53
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	46





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TIC Library : C:\Database\NIST20.L
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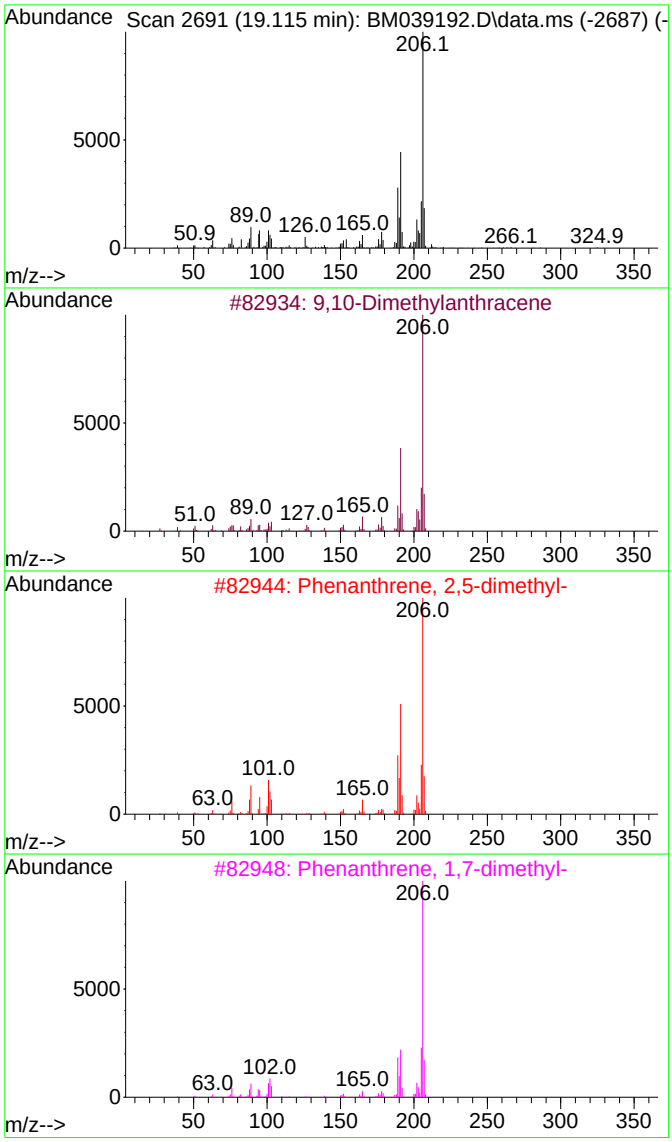
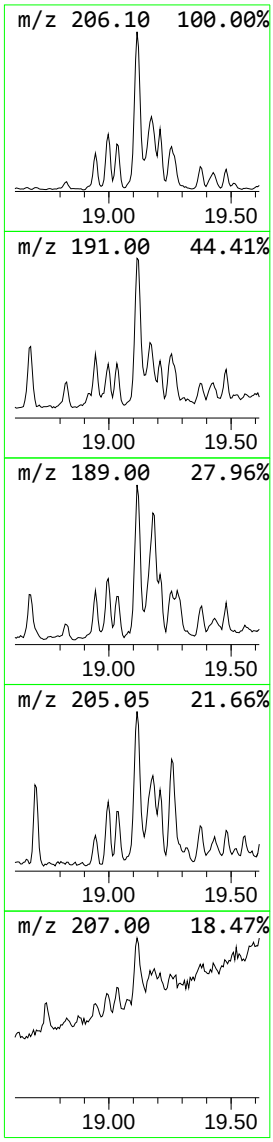
Peak Number 11 9,10-Dimethylanthracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.115	4.96 ng	646078	Phenanthrene-d10	17.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	93





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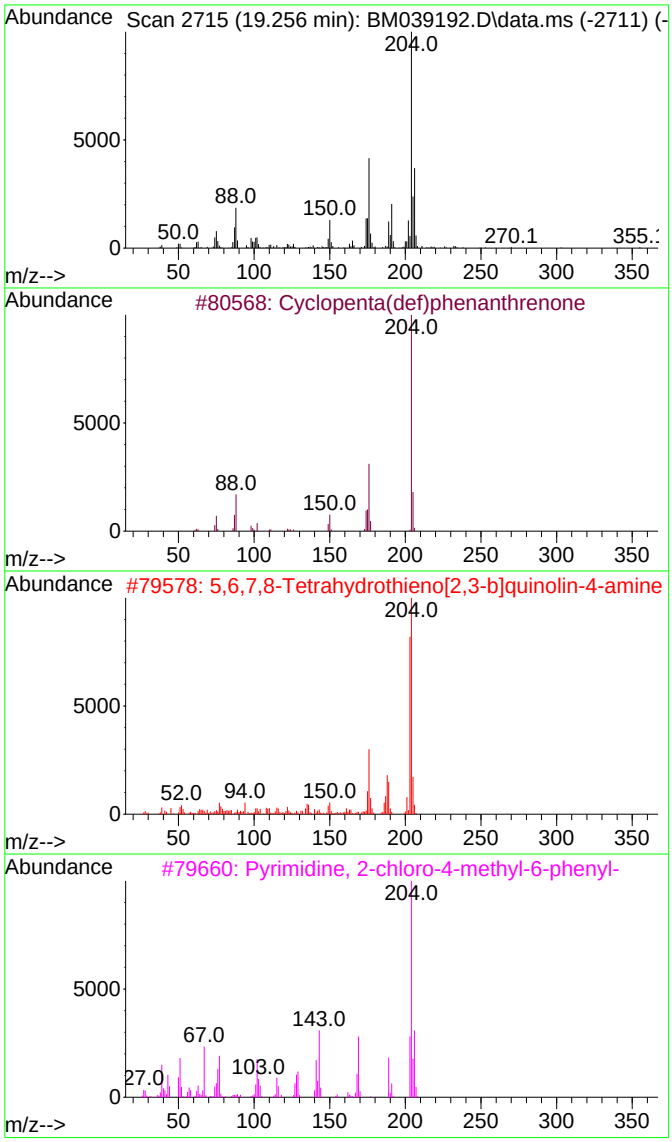
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

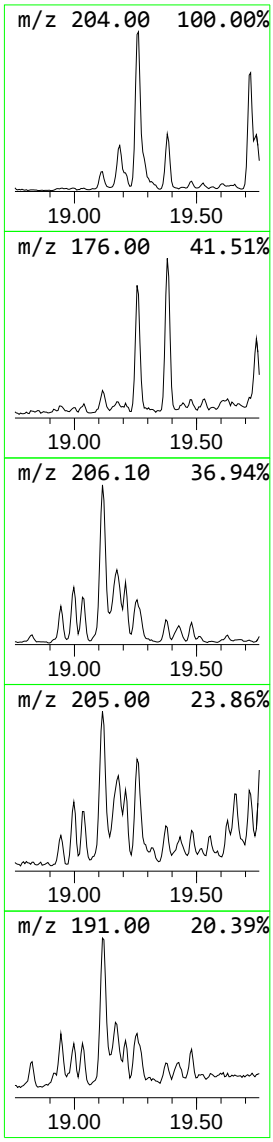
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.256	3.31 ng	430808	Phenanthrene-d10	17.321

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	47
3	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	43
4	Acetamide, 2-(3,4-dihydro-1-isoq...	332	C17H14F2N2OS	1000270-76-1	43
5	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	43





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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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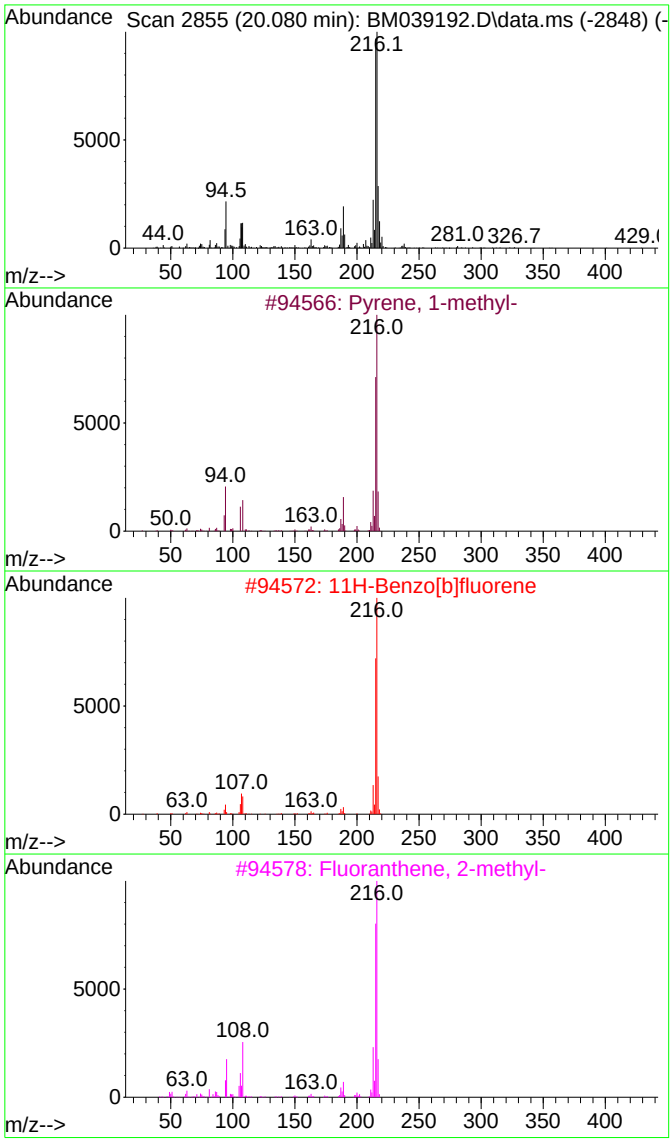
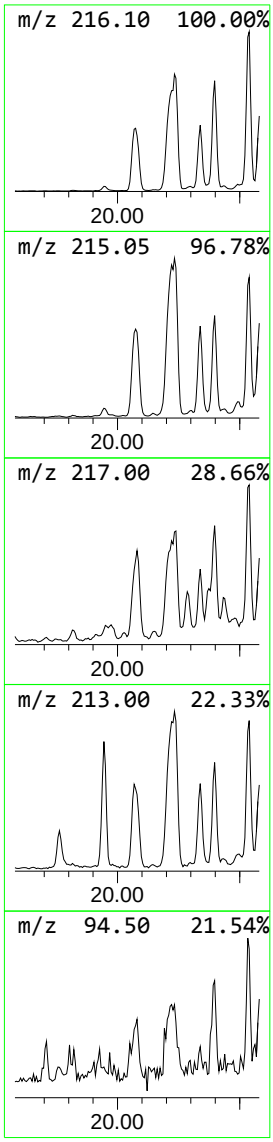
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.080	2.37 ng	973507	Chrysene-d12	21.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	58
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	58
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	52





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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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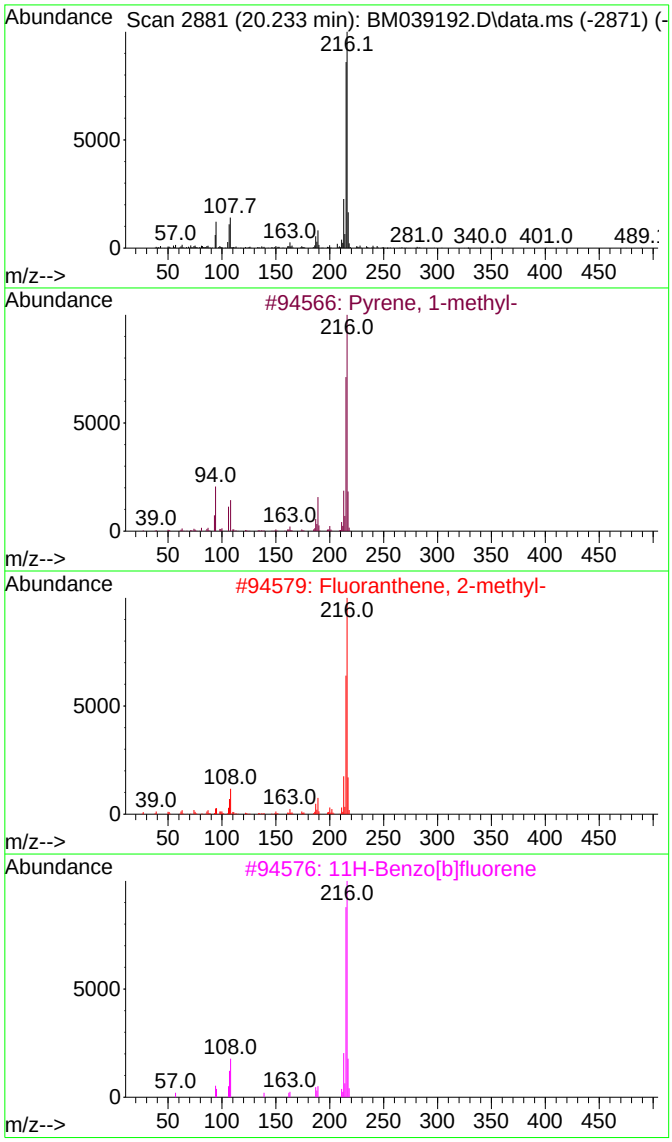
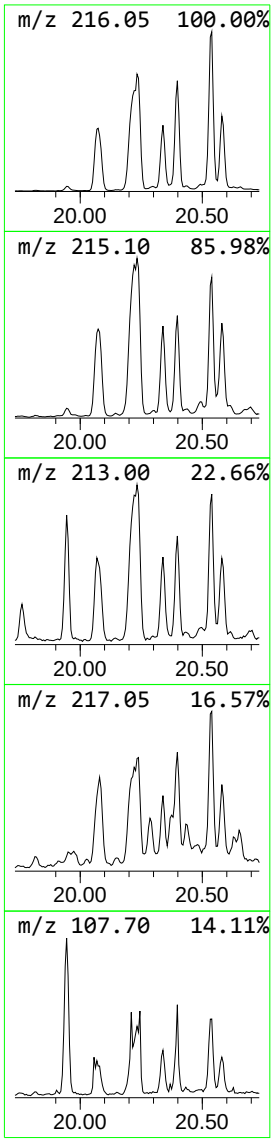
Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.233	4.58 ng	1880250	Chrysene-d12	21.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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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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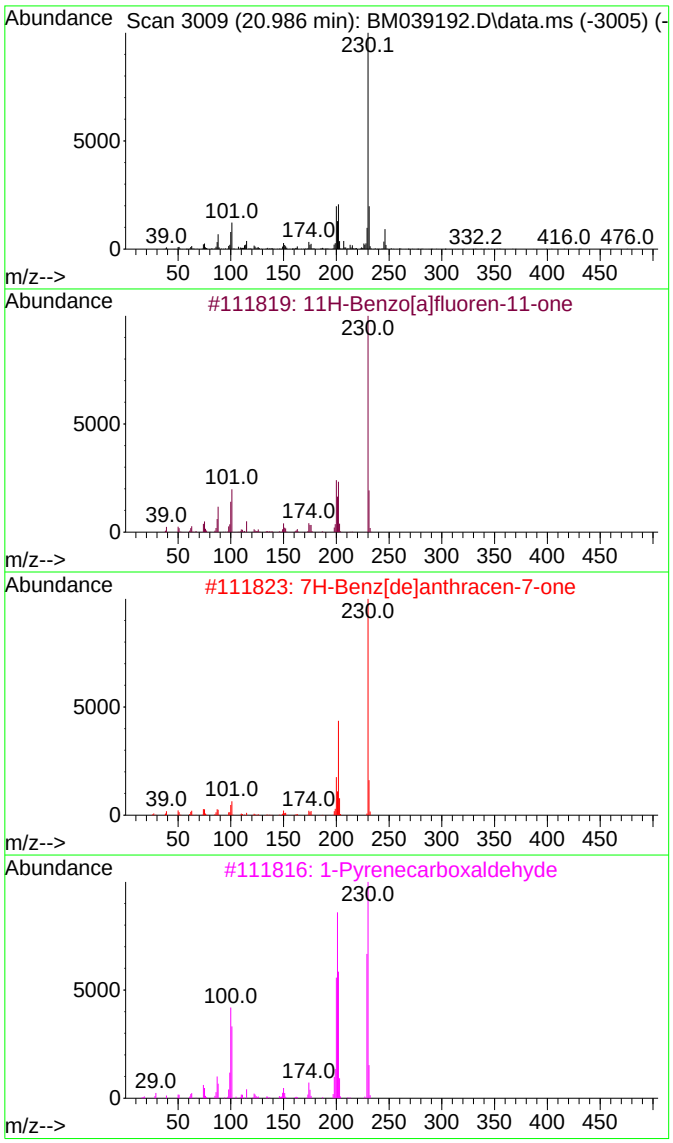
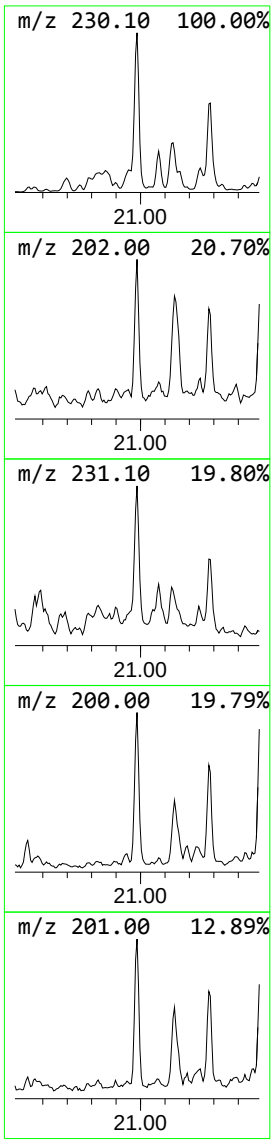
Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.986	2.29 ng	939552	Chrysene-d12	21.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	64
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	62
5	(E)-.alpha.,.alpha.'-Dicyanostil...	230	C16H10N2	002450-55-7	58





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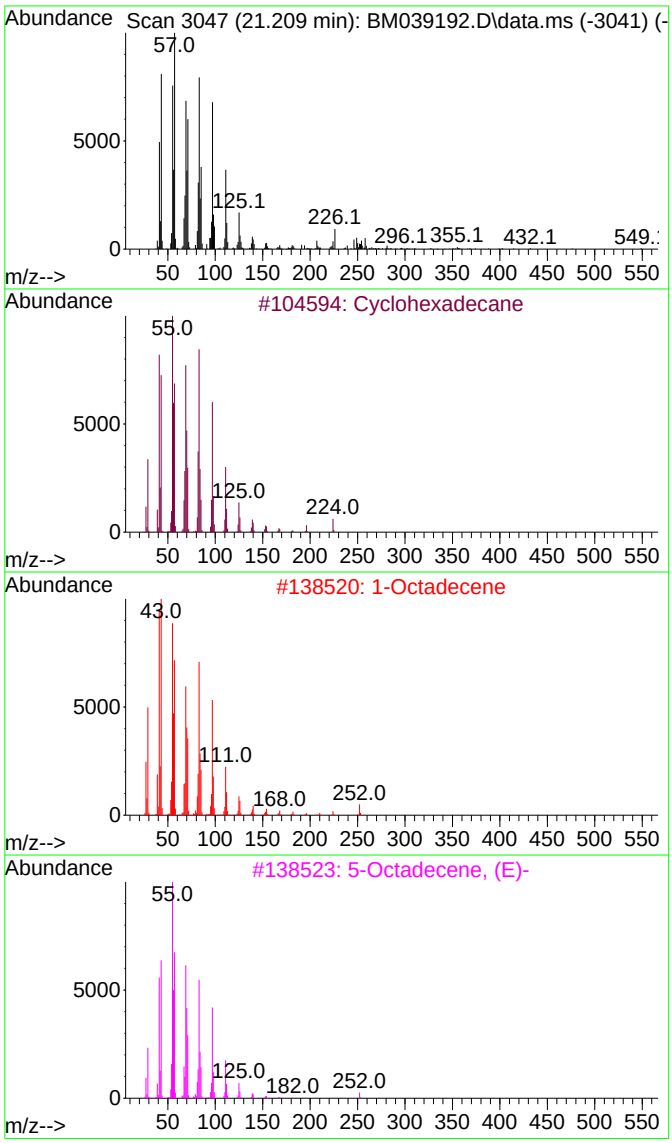
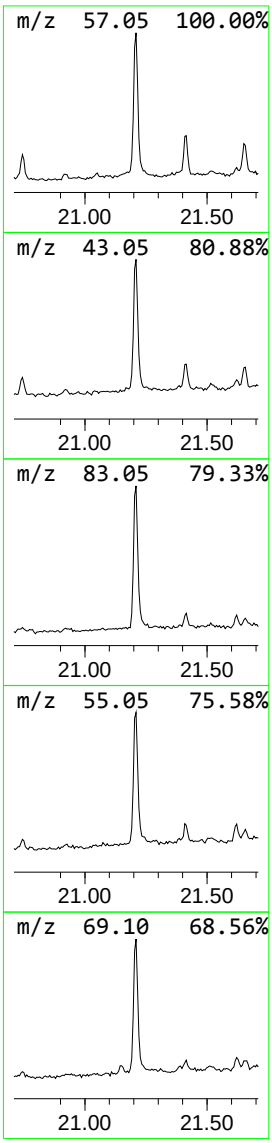
Peak Number 16 Cyclohexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.209	3.01 ng	1234590	Chrysene-d12	21.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	1-Octadecene	252	C18H36	000112-88-9	95
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
5	Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	93





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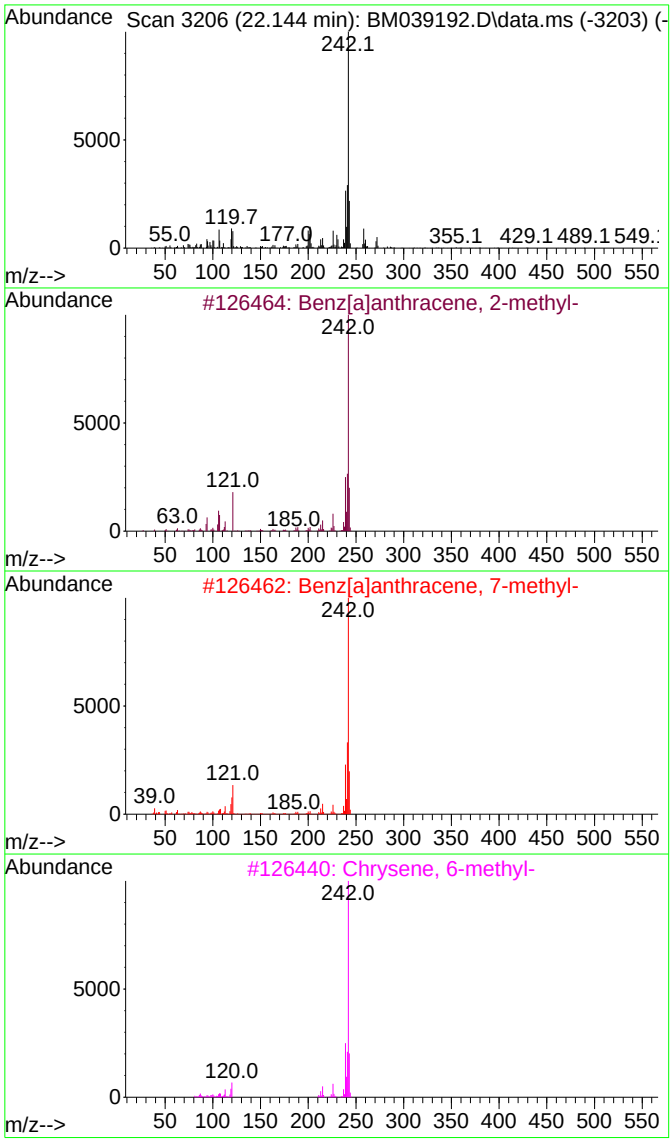
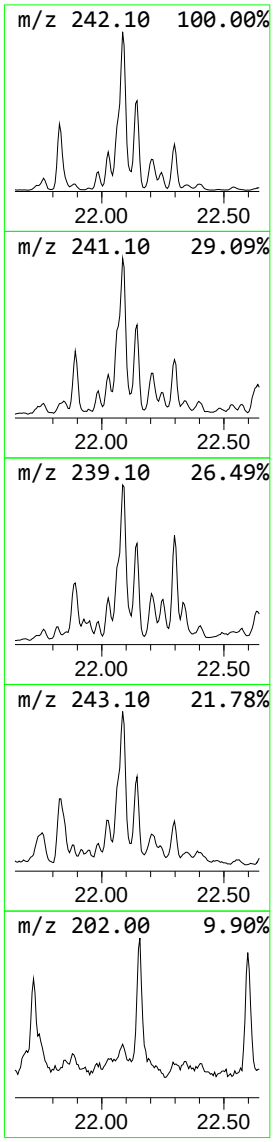
Peak Number 17 Benz[a]anthracene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.144	2.32 ng	950380	Chrysene-d12	21.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	94
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
3	Chrysene, 6-methyl-	242	C19H14	001705-85-7	89
4	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	89
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	89





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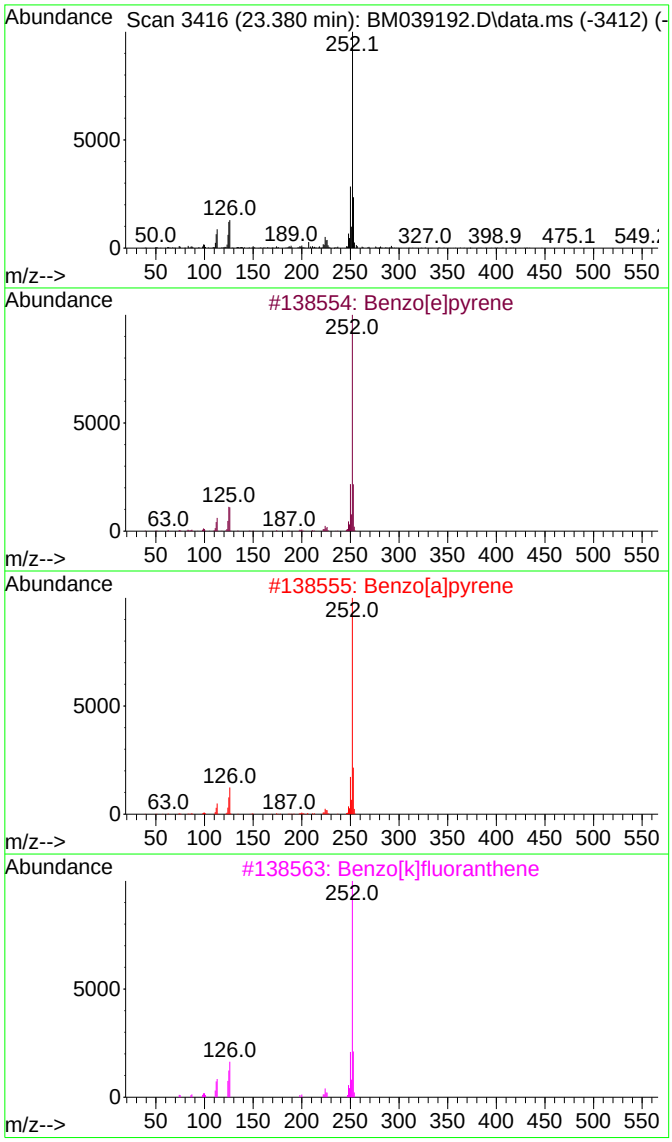
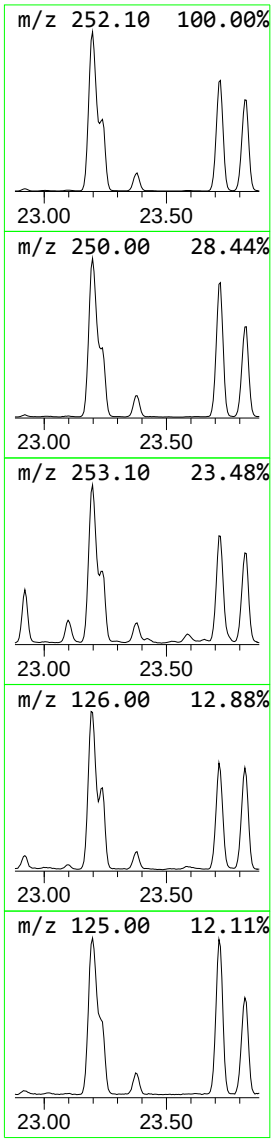
Peak Number 18 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.380	7.44 ng	929870	Perylene-d12	23.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
5	Perylene	252	C20H12	000198-55-0	89





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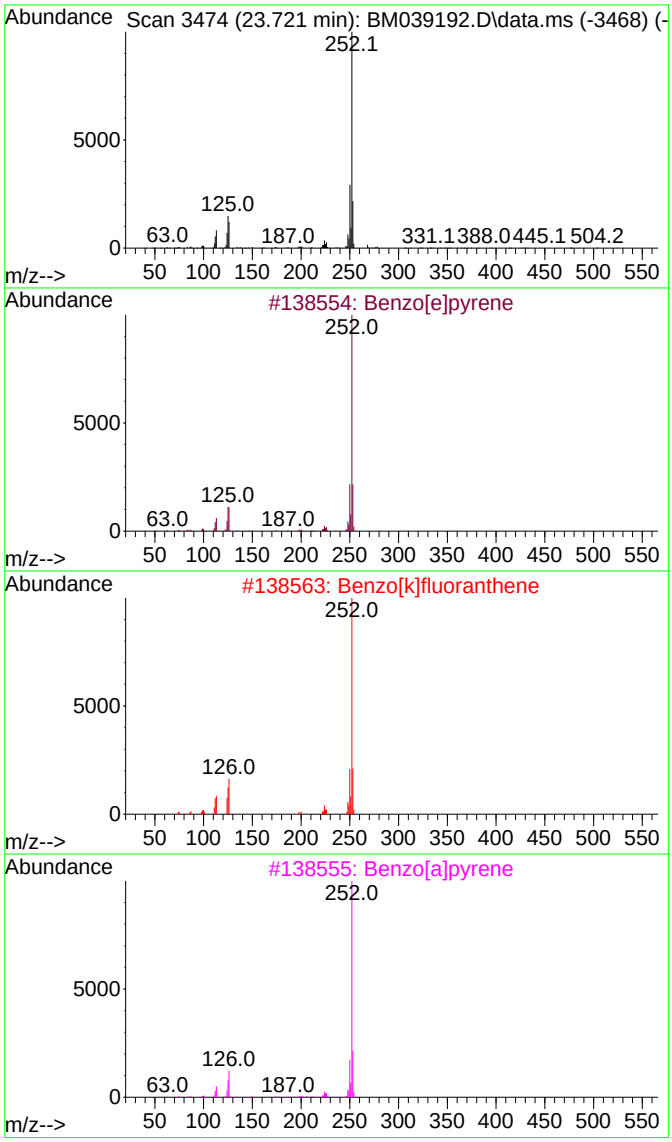
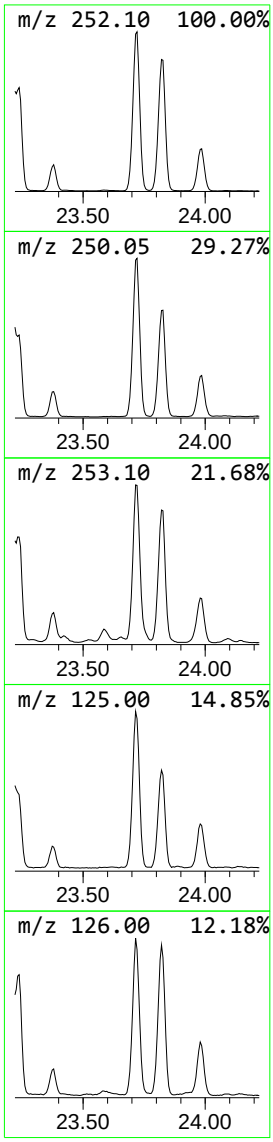
Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.721	55.20 ng	6902350	Perylene-d12	23.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





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VNJ-235

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

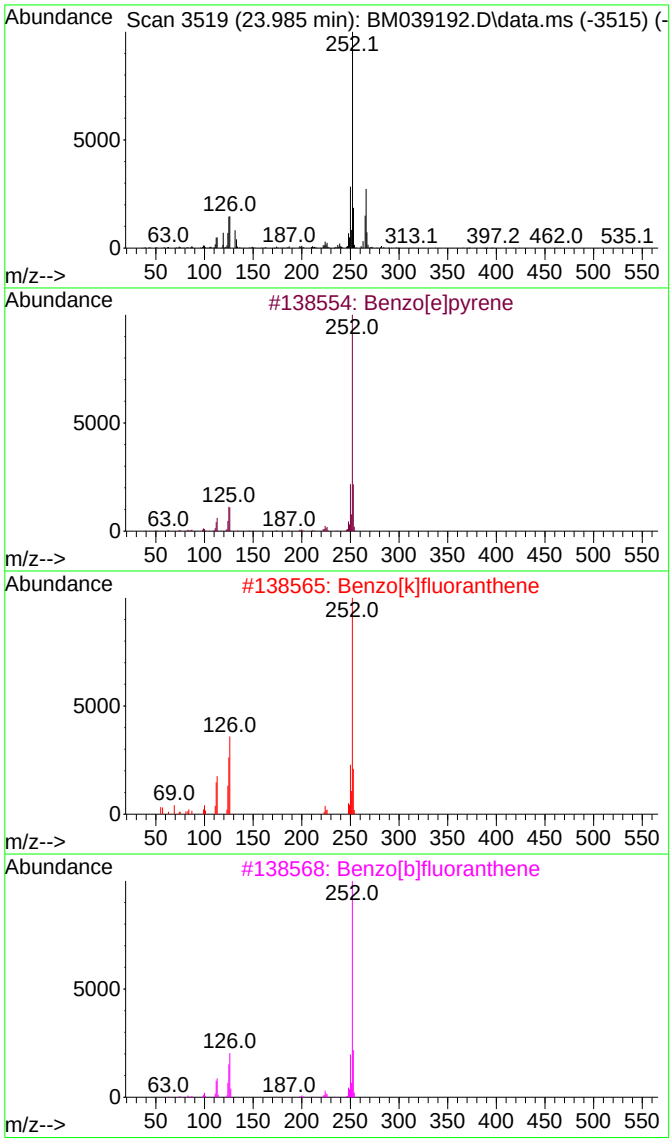
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

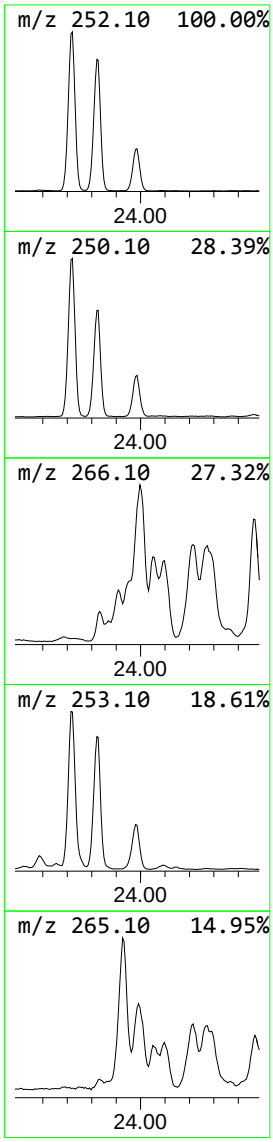
****

Peak Number 20 unknown23.985 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.985	21.48 ng	2685330	Perylene-d12	23.927

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	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	92
4	Benzo[a]pyrene	252	C20H12	000050-32-8	83
5	Perylene	252	C20H12	000198-55-0	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032823\
Data File : BM039192.D
Acq On : 28 Mar 2023 22:49
Operator : CG/JU
Sample : 02108-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VNJ-235

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.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-...	5.028	29.2	ng	2457480	1	7.934	1681240	20.0
Benzophenone	15.933	14.6	ng	1784070	3	14.580	2443980	20.0
5H-Indeno[1,2-b...	17.727	2.6	ng	344373	4	17.321	2603110	20.0
n-Hexadecanoic ...	18.221	15.2	ng	1980570	4	17.321	2603110	20.0
Anthracene, 2-m...	18.327	2.5	ng	319717	4	17.321	2603110	20.0
4H-Cyclopenta[d...	18.398	7.5	ng	980095	4	17.321	2603110	20.0
Phenanthrene, 2...	18.433	2.5	ng	320753	4	17.321	2603110	20.0
Naphthalene, 2-...	18.698	2.8	ng	364177	4	17.321	2603110	20.0
9,10-Anthracene...	18.745	3.6	ng	468468	4	17.321	2603110	20.0
9,10-Dimethylan...	19.115	5.0	ng	646078	4	17.321	2603110	20.0
Cyclopenta(def)...	19.256	3.3	ng	430808	4	17.321	2603110	20.0
Pyrene, 1-methyl-	20.080	2.4	ng	973507	5	21.509	8205440	20.0
Fluoranthene, 2...	20.233	4.6	ng	1880250	5	21.509	8205440	20.0
11H-Benzo[a]flu...	20.986	2.3	ng	939552	5	21.509	8205440	20.0
Cyclohexadecane	21.209	3.0	ng	1234590	5	21.509	8205440	20.0
Benz[a]anthrace...	22.144	2.3	ng	950380	5	21.509	8205440	20.0
Benzo[e]pyrene	23.380	7.4	ng	929870	6	23.927	2500740	20.0
Perylene	23.721	55.2	ng	6902350	6	23.927	2500740	20.0
unknown23.985	23.985	21.5	ng	2685330	6	23.927	2500740	20.0