LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
Data File : BM035404.D
Acq On : 03 Jun 2022 20:37
Operator : CG/JU
Sample : N3159-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PT-1-060122

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-BM060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM035404.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.851	801	810	820	rBV	645783	1074605	1.70%	0.141%
2	10.651	1275	1286	1289	rBV	805636	1421833	2.25%	0.186%
3	10.704	1289	1295	1308	rVB	4755122	8217567	13.01%	1.075%
4	12.316	1559	1569	1577	rBV	1568801	2464600	3.90%	0.323%
5	12.533	1596	1606	1617	rVB	847556	1385300	2.19%	0.181%
6	13.322	1734	1740	1751	rBV	539101	887469	1.41%	0.116%
7	13.545	1775	1778	1788	rVB	488827	719155	1.14%	0.094%
8	13.816	1816	1824	1829	rBV	395910	760719	1.20%	0.100%
9	14.492	1929	1939	1944	rBV2	1260692	2177090	3.45%	0.285%
10	14.563	1944	1951	1957	rVV	9443260	14614924	23.14%	1.913%
11	14.798	1983	1991	1997	rBV	642303	996146	1.58%	0.130%
12	14.892	2000	2007	2016	rBV	3871491	5667601	8.97%	0.742%
13	15.545	2110	2118	2128	rBV2	7803918	11462349	18.15%	1.500%
14	15.663	2135	2138	2141	rVV	759590	1095796	1.73%	0.143%
15	15.698	2141	2144	2149	rVV	1260825	1862350	2.95%	0.244%
16	15.786	2155	2159	2163	rVV	831932	1245744	1.97%	0.163%
17	15.833	2163	2167	2175	rVB	929024	1332626	2.11%	0.174%
18	15.980	2187	2192	2200	rBV2	1196489	2226574	3.53%	0.291%
19	16.333	2245	2252	2260	rBV	1279520	1855865	2.94%	0.243%
20	16.545	2282	2288	2292	rVV2	824692	1531445	2.42%	0.200%
21	16.992	2355	2364	2369	rBV2	1048313	1942800	3.08%	0.254%
22	17.057	2369	2375	2386	rVB	2527009	3757267	5.95%	0.492%
23	17.245	2401	2407	2409	rBV	1294041	2106937	3.34%	0.276%
24	17.304	2409	2417	2421	rVV	21344891	45356956	71.81%	5.936%
25	17.380	2421	2430	2435	rVV	12364323	19544223	30.94%	2.558%
26	17.433	2435	2439	2445	rVB	1567575	2277701	3.61%	0.298%
27	17.651	2464	2476	2488	rBV	6408499	10768819	17.05%	1.409%
28	17.757	2489	2494	2501	rVV4	803285	1394219	2.21%	0.182%
29	17.821	2501	2505	2512	rVV4	484756	972513	1.54%	0.127%
30	17.892	2512	2517	2524	rVV3	553776	1056753	1.67%	0.138%
31	17.963	2524	2529	2538	rVB2	300137	663478	1.05%	0.087%
32	18.115	2546	2555	2559	rBV	3142563	4790542	7.58%	0.627%
33	18.168	2559	2564	2571	rVB	4780654	6690659	10.59%	0.876%
34	18.251	2571	2578	2583	rBV	2026873	3123221	4.94%	0.409%
35	18.321	2583	2590	2593	rVV2	7580189	12923288	20.46%	1.691%
36	18.351	2593	2595	2601	rVB	1968601	2311738	3.66%	0.303%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
Data File : BM035404.D
Acq On : 03 Jun 2022 20:37
Operator : CG/JU
Sample : N3159-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PT-1-060122

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-BM060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.421	2601	2607	2611	rBV2	529165	883922	1.40%	0.116%
38	18.468	2611	2615	2619	rVB2	602290	792583	1.25%	0.104%
39	18.615	2636	2640	2645	rVB	2840643	3818921	6.05%	0.500%
40	18.862	2678	2682	2687	rVV3	724724	1026405	1.63%	0.134%
41	18.915	2687	2691	2694	rVV	546641	677333	1.07%	0.089%
42	19.033	2706	2711	2718	rBV2	976848	2075704	3.29%	0.272%
43	19.104	2719	2723	2726	rBV3	591087	735362	1.16%	0.096%
44	19.204	2732	2740	2744	rVB3	361191	850783	1.35%	0.111%
45	19.321	2751	2760	2765	rBV2	23591954	52461106	83.06%	6.866%
46	19.404	2770	2774	2778	rVB	988645	1189802	1.88%	0.156%
47	19.545	2792	2798	2803	rVV2	1442723	2520734	3.99%	0.330%
48	19.686	2809	2822	2827	rBV4	22667608	63160039	100.00%	8.266%
49	19.733	2827	2830	2842	rVB2	1958821	3331344	5.27%	0.436%
50	19.845	2843	2849	2856	rBV2	2876676	4923571	7.80%	0.644%
51	19.909	2856	2860	2864	rVB	3032281	3994898	6.33%	0.523%
52	19.998	2867	2875	2879	rBV3	2114645	5551203	8.79%	0.726%
53	20.045	2879	2883	2887	rBV	1826032	2145747	3.40%	0.281%
54	20.121	2890	2896	2898	rBV4	2122737	3474720	5.50%	0.455%
55	20.162	2899	2903	2908	rVB	9292667	13177783	20.86%	1.725%
56	20.209	2908	2911	2914	rBV2	555083	697907	1.10%	0.091%
57	20.262	2915	2920	2924	rBV	10673627	15122450	23.94%	1.979%
58	20.321	2924	2930	2933	rVV2	3209003	5922888	9.38%	0.775%
59	20.356	2933	2936	2940	rVV	3469129	4169720	6.60%	0.546%
60	20.398	2940	2943	2949	rVV4	913967	1528230	2.42%	0.200%
61	20.456	2949	2953	2957	rVV	1370992	1877419	2.97%	0.246%
62	20.504	2957	2961	2965	rVB	1838141	2269322	3.59%	0.297%
63	20.680	2987	2991	2995	rBV	2786672	3560034	5.64%	0.466%
64	20.751	3001	3003	3005	rVV	811283	935409	1.48%	0.122%
65	20.786	3005	3009	3013	rVB3	1538440	2512593	3.98%	0.329%
66	20.868	3019	3023	3028	rBV2	1625017	2832694	4.48%	0.371%
67	20.915	3028	3031	3036	rVB4	751255	1292993	2.05%	0.169%
68	21.074	3054	3058	3061	rBV	3996483	5205015	8.24%	0.681%
69	21.109	3061	3064	3068	rVV	4005565	4734138	7.50%	0.620%
70	21.156	3068	3072	3076	rVV2	3873716	5976924	9.46%	0.782%
71	21.309	3092	3098	3105	rBV	1441103	3017758	4.78%	0.395%
72	21.427	3107	3118	3121	rBV2	21474698	44498213	70.45%	5.823%
73	21.480	3122	3127	3135	rVB	19244453	32019801	50.70%	4.190%
74	21.551	3136	3139	3141	rBV2	654100	772867	1.22%	0.101%
75	21.592	3141	3146	3152	rVV	8716601	11653456	18.45%	1.525%
76	21.698	3161	3164	3168	rVB	2877940	3616973	5.73%	0.473%

LSC Area Percent Report

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Acq On : 03 Jun 2022 20:37
Operator : CG/JU
Sample : N3159-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PT-1-060122

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

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Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	21.750	3168	3173	3178	rVB2	4777292	7387208	11.70%	0.967%
78	21.939	3201	3205	3209	rBV2	2172851	3151815	4.99%	0.412%
79	21.998	3209	3215	3219	rVV	3949353	6797615	10.76%	0.890%
80	22.050	3221	3224	3230	rVB	2003327	2580036	4.08%	0.338%
81	22.121	3232	3236	3239	rBV2	1152320	1660084	2.63%	0.217%
82	22.162	3239	3243	3247	rVV2	3156964	4627641	7.33%	0.606%
83	22.209	3247	3251	3254	rVV	2839448	5045626	7.99%	0.660%
84	22.245	3254	3257	3262	rVB2	4810603	6657864	10.54%	0.871%
85	22.303	3262	3267	3272	rBV2	2482915	3743451	5.93%	0.490%
86	22.521	3300	3304	3307	rBV3	1065521	1780268	2.82%	0.233%
87	22.821	3350	3355	3359	rBV	1518970	2678413	4.24%	0.351%
88	23.103	3392	3403	3407	rBV	15963533	46507813	73.63%	6.086%
89	23.268	3425	3431	3437	rVB	5176365	8783741	13.91%	1.150%
90	23.409	3450	3455	3463	rBV2	1128788	3580073	5.67%	0.469%
91	23.603	3480	3488	3497	rVB	10359407	25233562	39.95%	3.302%
92	23.721	3498	3508	3515	rBV	15767696	35835223	56.74%	4.690%
93	23.862	3526	3532	3539	rVB	6457205	13992376	22.15%	1.831%
94	24.397	3618	3623	3634	rVB2	1663954	4360423	6.90%	0.571%
95	24.739	3676	3681	3694	rVB2	1811198	4345753	6.88%	0.569%
96	26.285	3932	3944	3952	rVB2	8533798	29763740	47.12%	3.895%
97	26.544	3983	3988	3995	rVB	1799705	4363331	6.91%	0.571%
98	27.050	4061	4074	4088	rVB	6420037	25380888	40.19%	3.322%
99	27.432	4131	4139	4157	rVB2	3142565	12174583	19.28%	1.593%

Sum of corrected areas: 764121163

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
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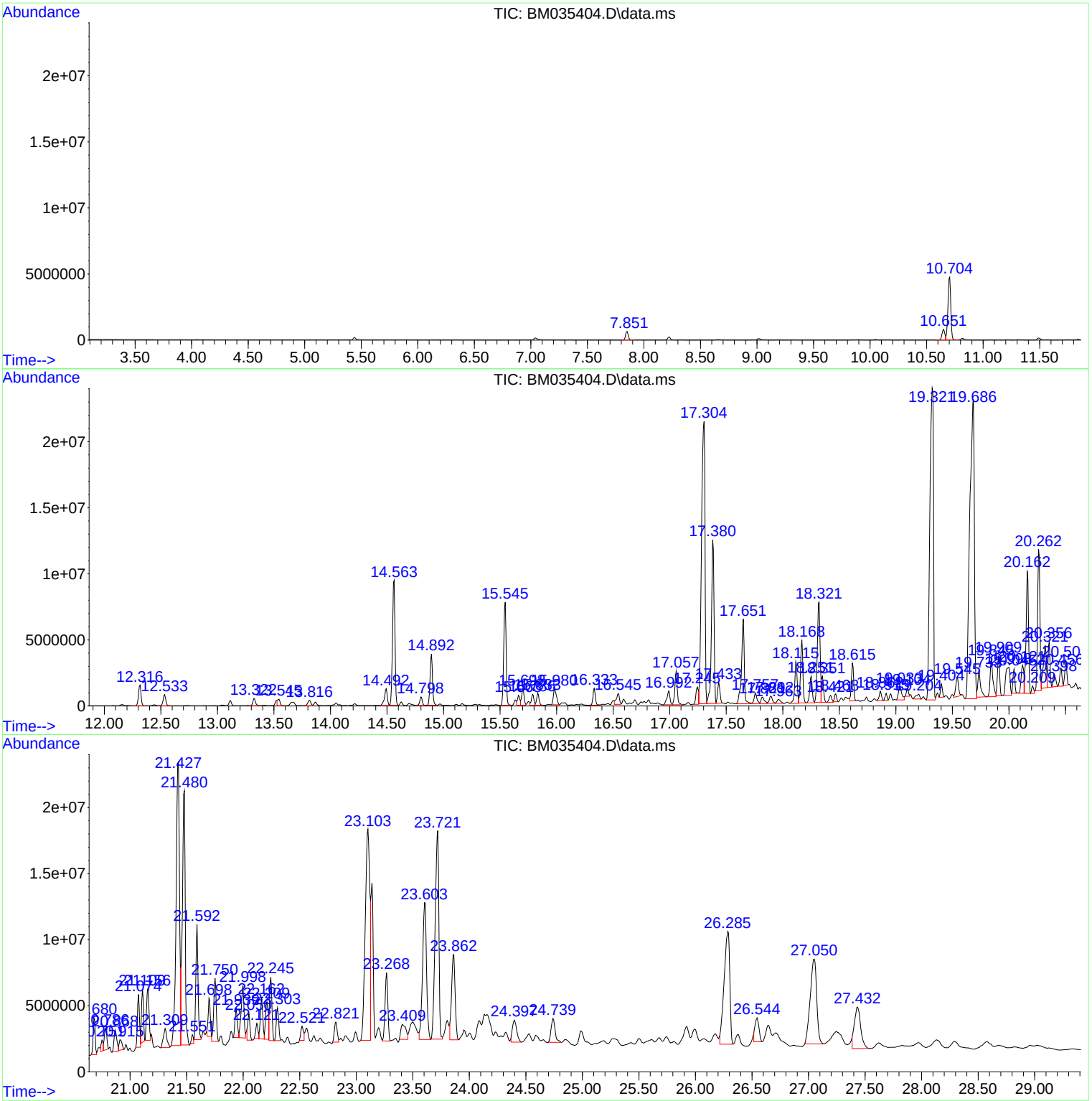
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PT-1-060122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.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\BM060322\
Data File : BM035404.D
Acq On : 03 Jun 2022 20:37
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Sample : N3159-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PT-1-060122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

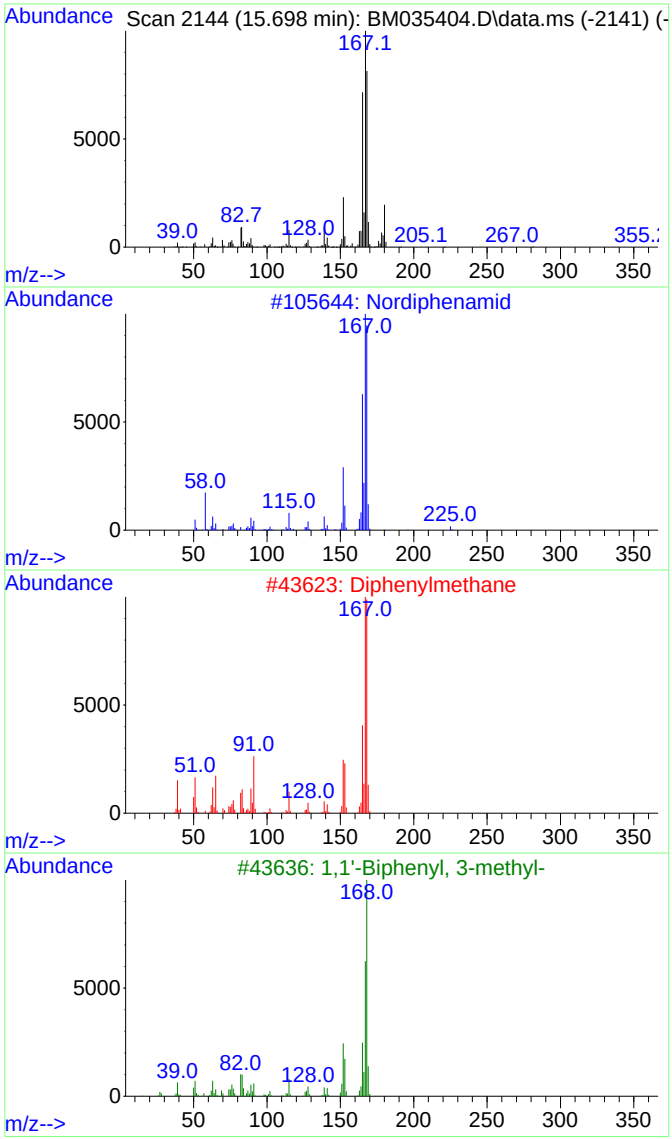
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

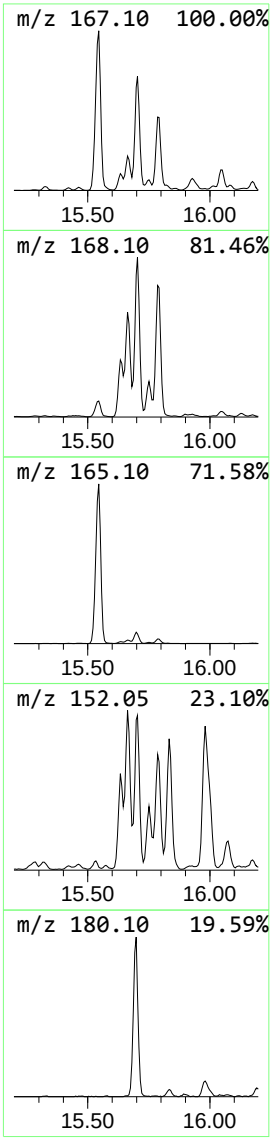
****

Peak Number 1 Nordiphenamid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.698	17.11 ng	1862350	Acenaphthene-d10	14.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	86
2	Diphenylmethane	168	C13H12	000101-81-5	70
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	55
4	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	53
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
Data File : BM035404.D
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ALS Vial : 19 Sample Multiplier: 1

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BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

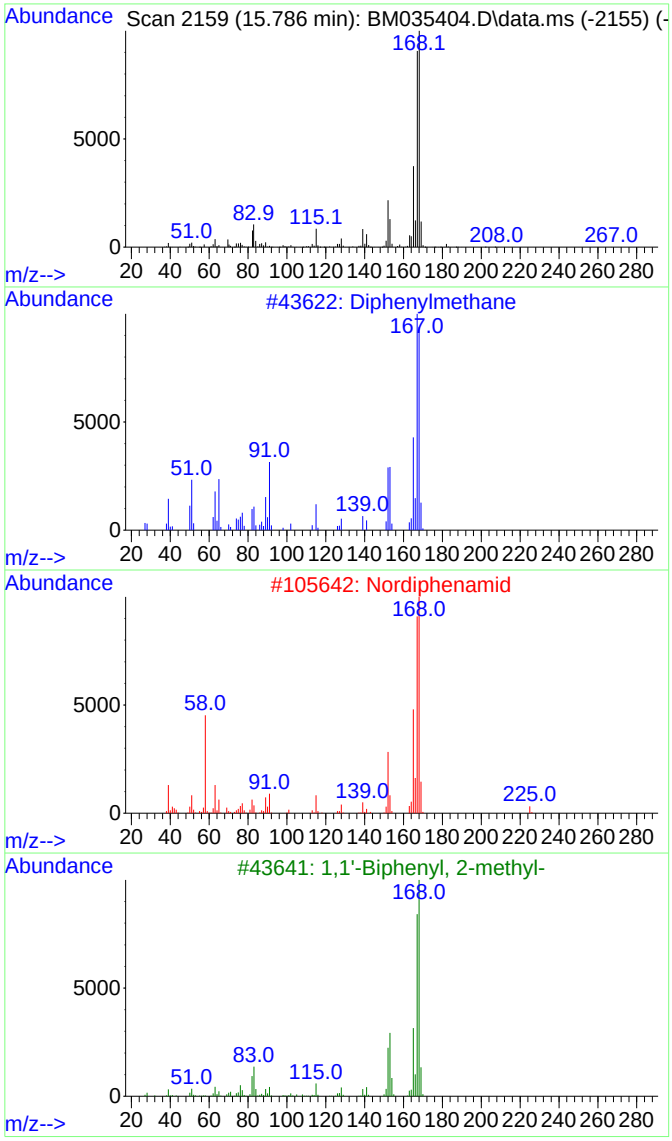
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

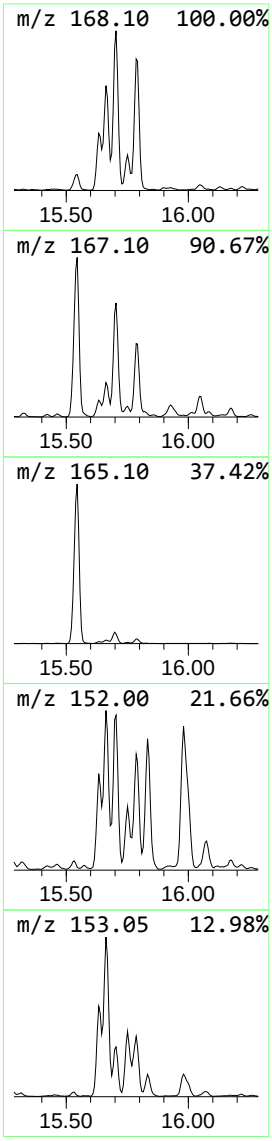
****

Peak Number 2 Diphenylmethane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.786	11.44 ng	1245740	Acenaphthene-d10	14.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	91
2	Nordiphenamid	225	C15H15NO	000954-21-2	90
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	87
4	1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	83
5	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
Data File : BM035404.D
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

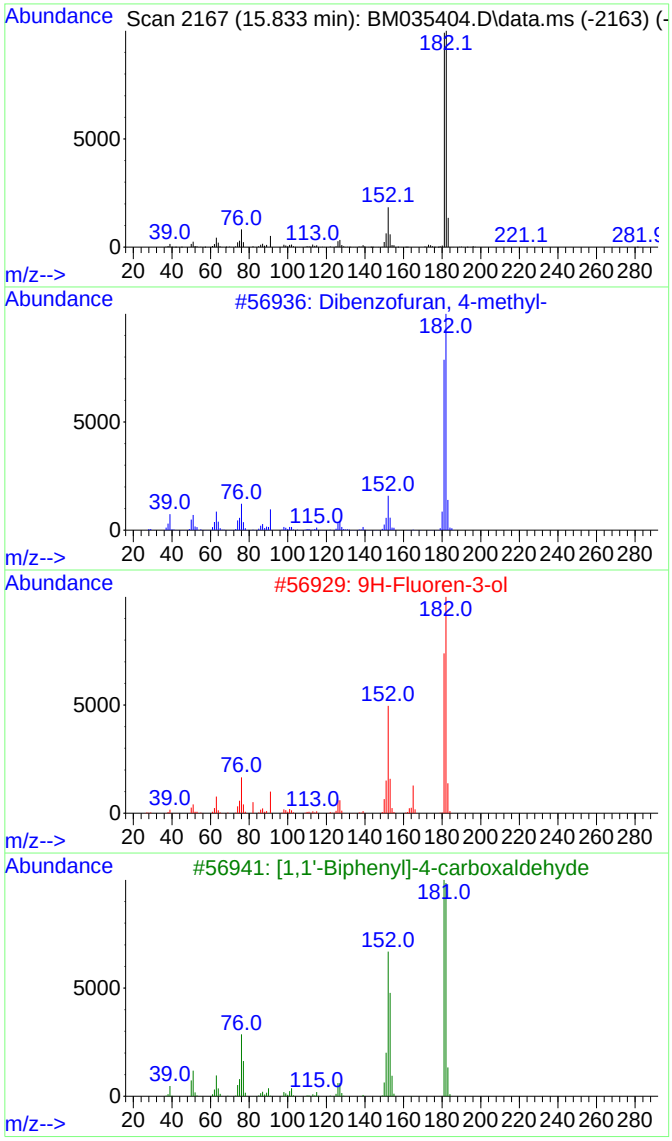
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

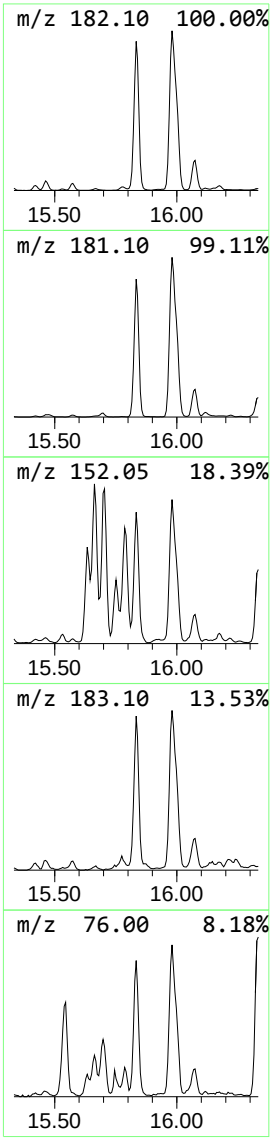
****

Peak Number 3 Dibenzofuran, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.833	12.24 ng	1332630	Acenaphthene-d10	14.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	90
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
Data File : BM035404.D
Acq On : 03 Jun 2022 20:37
Operator : CG/JU
Sample : N3159-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PT-1-060122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

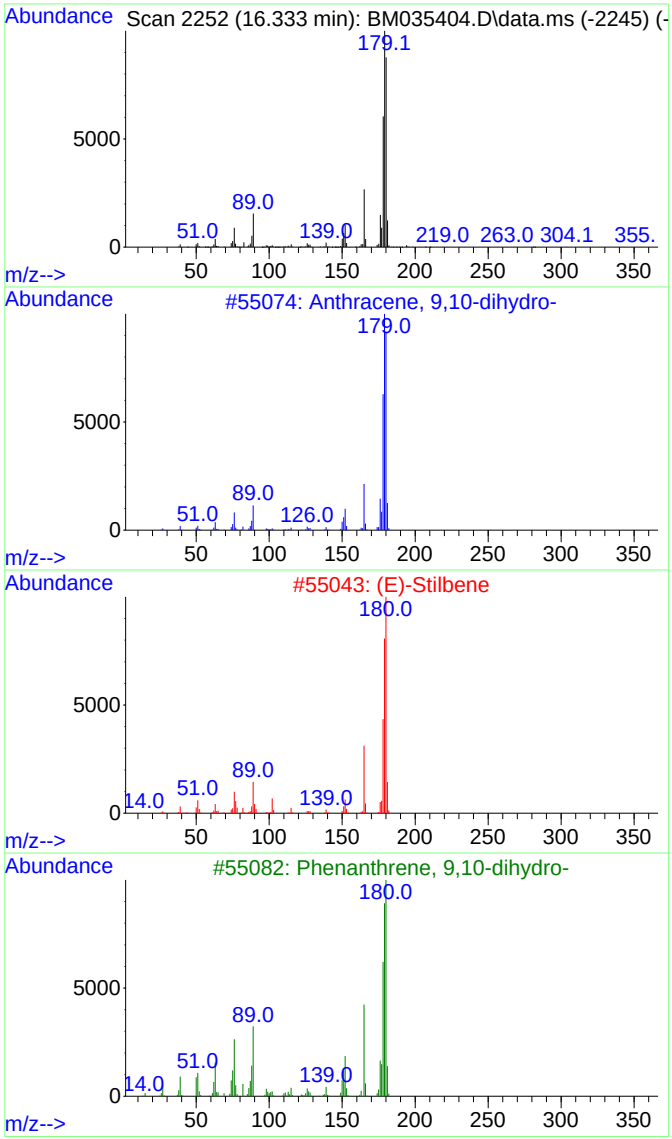
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

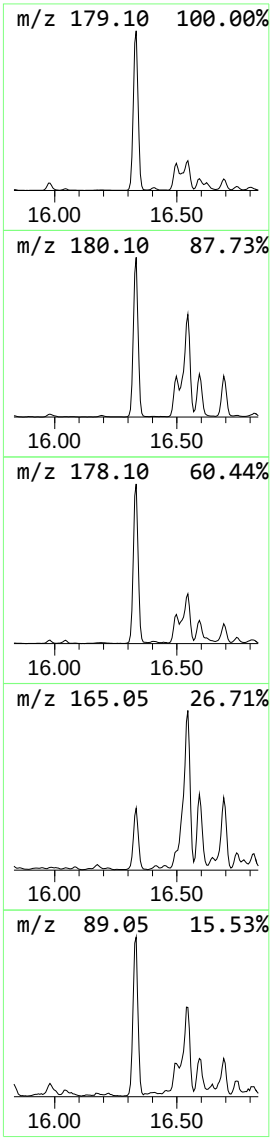
****

Peak Number 4 Anthracene, 9,10-dihydro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.333	17.62 ng	1855870	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	96
2	(E)-Stilbene	180	C14H12	000103-30-0	93
3	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	93
4	Stilbene	180	C14H12	000588-59-0	64
5	cis-Stilbene	180	C14H12	000645-49-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
Data File : BM035404.D
Acq On : 03 Jun 2022 20:37
Operator : CG/JU
Sample : N3159-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PT-1-060122

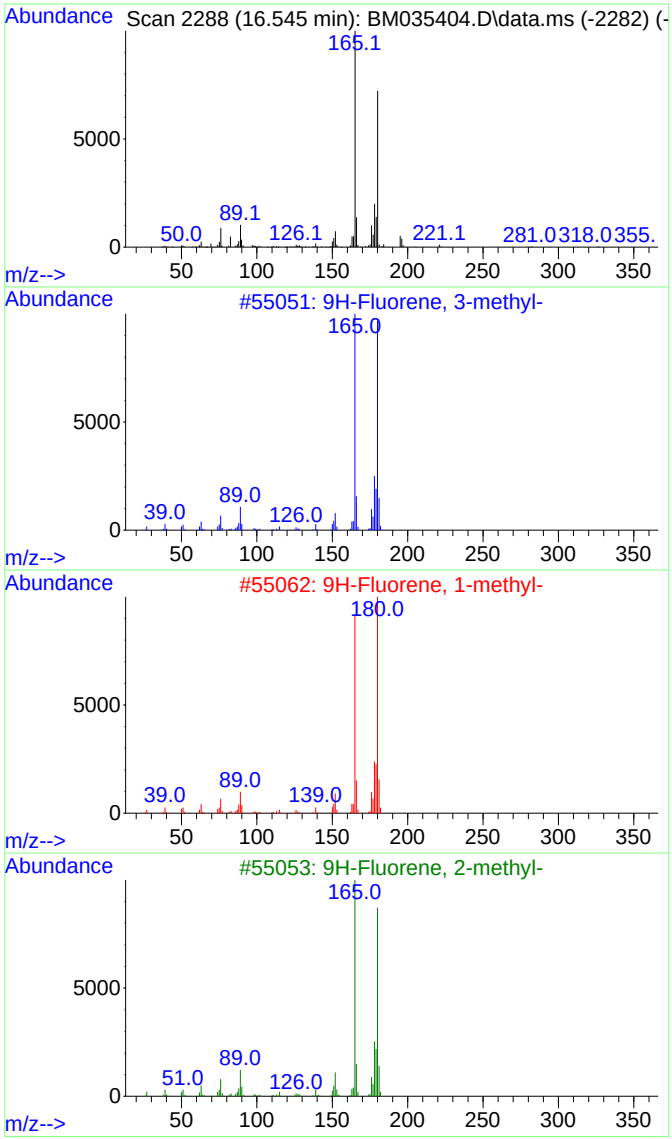
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

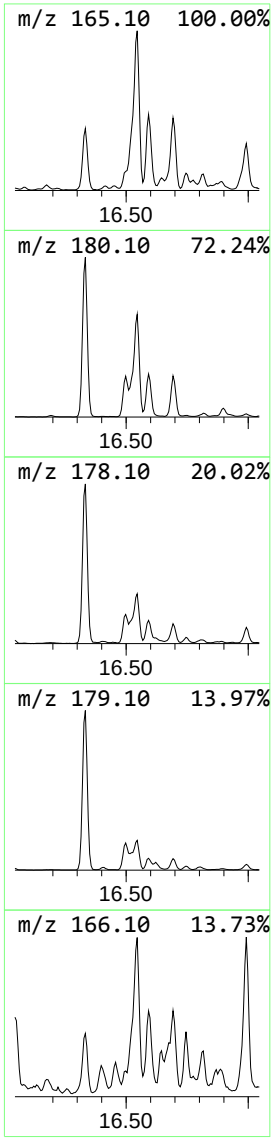
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 9H-Fluorene, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.545	14.54 ng	1531450	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	90
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	87
4	5-Chloro-3-ethyl-1H-pyrrolo[2,3-...	180	C9H9ClN2	1000486-89-2	59
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	55





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Sample : N3159-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PT-1-060122

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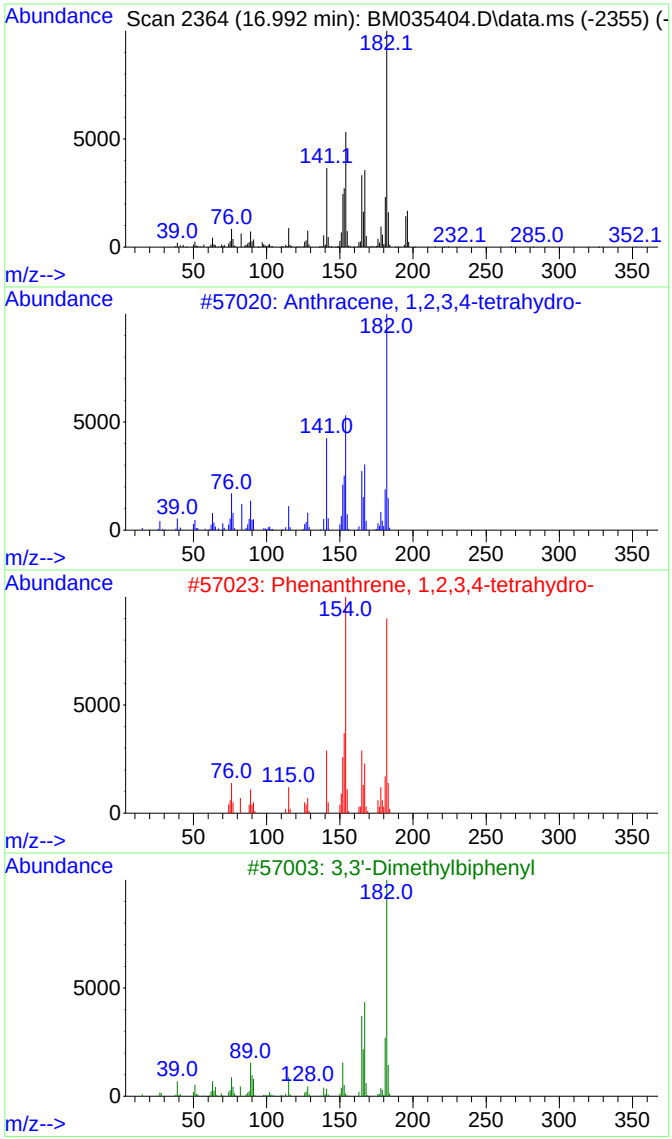
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

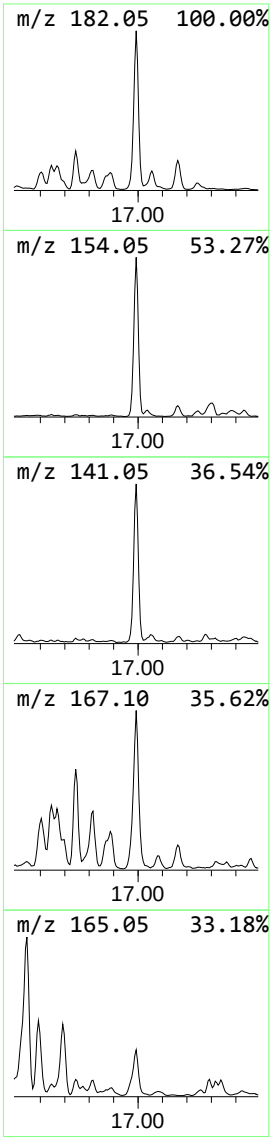
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.992	18.44 ng	1942800	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	98
2	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	70
3	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	60
4	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	55
5	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	55





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Sample : N3159-01 10X
Misc :
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Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

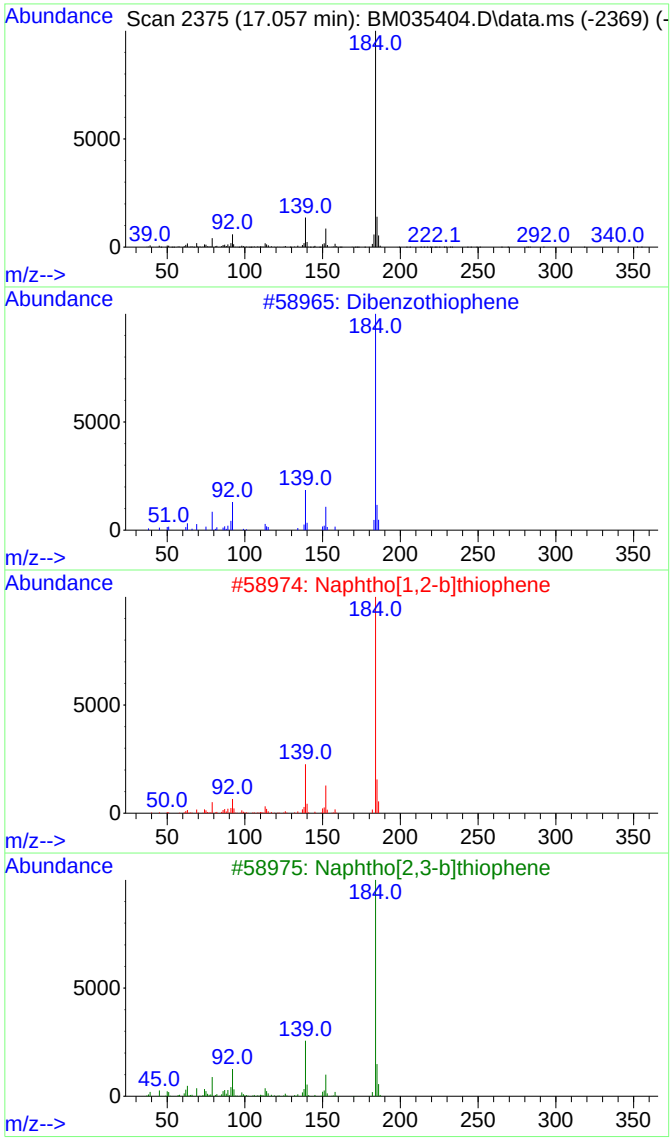
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

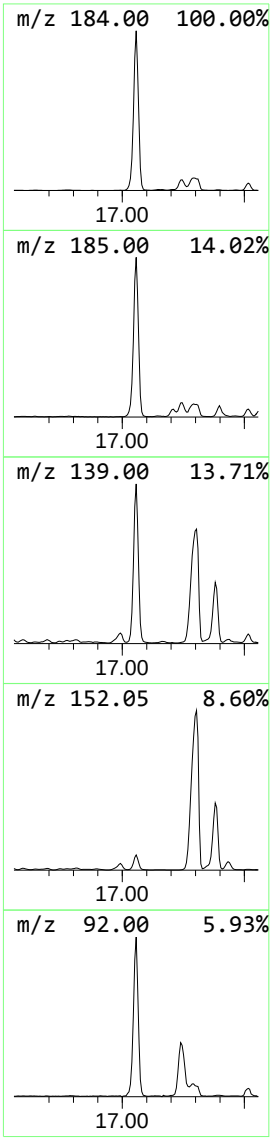
****

Peak Number 7 Dibenzothiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.057	35.67 ng	3757270	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87





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Misc :
ALS Vial : 19 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
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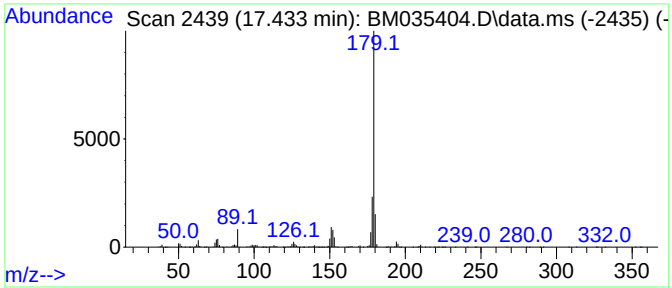
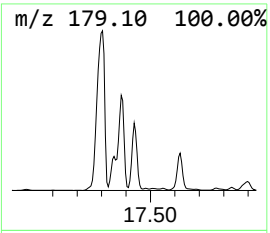
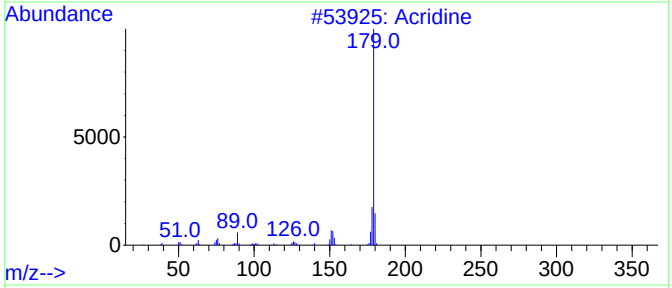
Peak Number 8 Acridine Concentration Rank 9

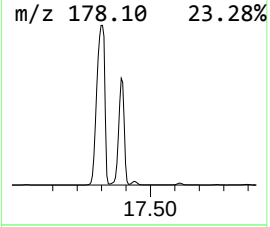
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.433	21.62 ng	2277700	Phenanthrene-d10	17.245

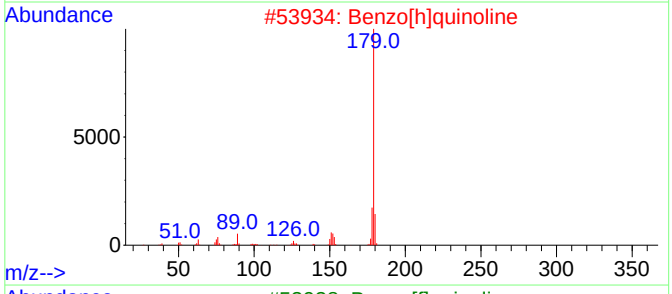
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	97
2	Benzo[h]quinoline	179	C13H9N	000230-27-3	95
3	Benzo[f]quinoline	179	C13H9N	000085-02-9	94
4	Benzo[h]isoquinoline	179	C13H9N	000229-71-0	94
5	Phenanthridine	179	C13H9N	000229-87-8	93

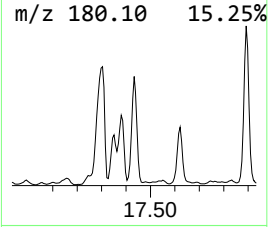


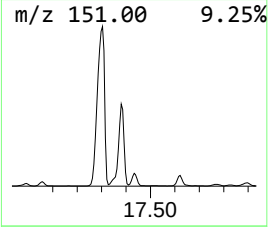


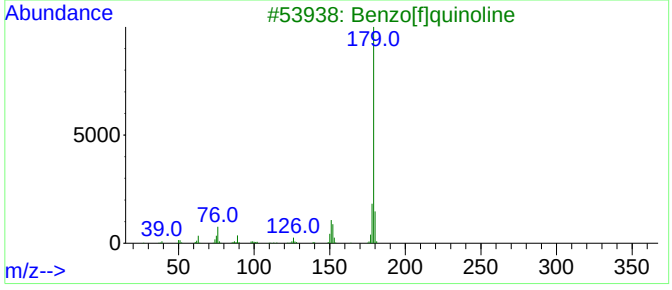


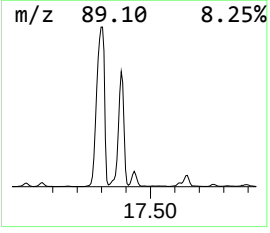












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Acq On : 03 Jun 2022 20:37
Operator : CG/JU
Sample : N3159-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PT-1-060122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

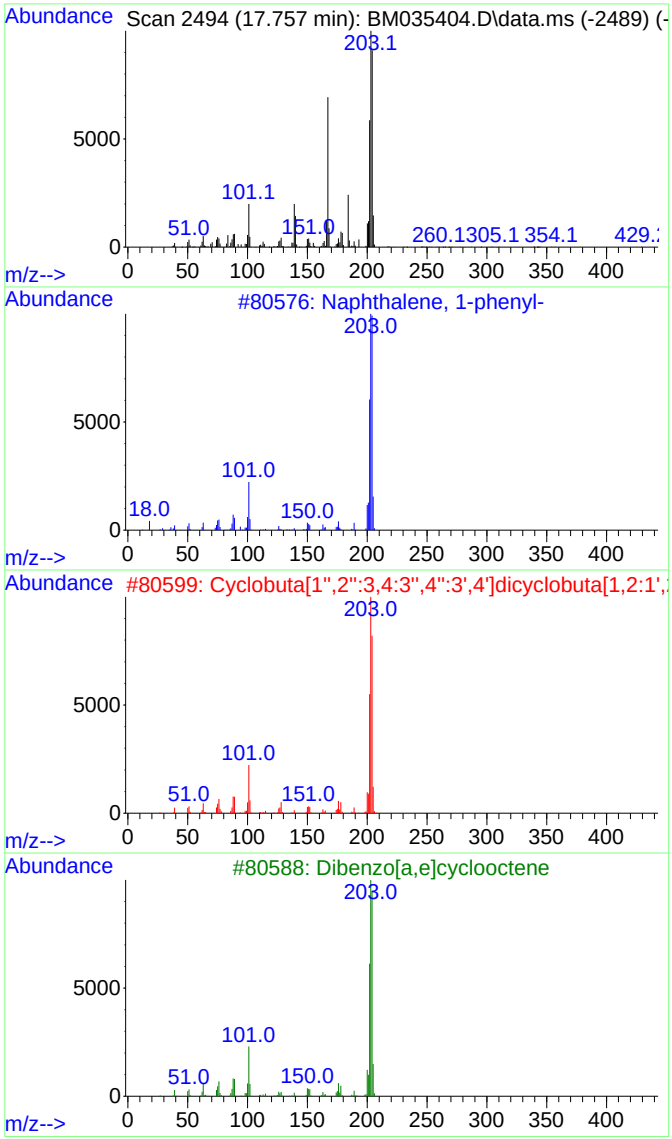
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

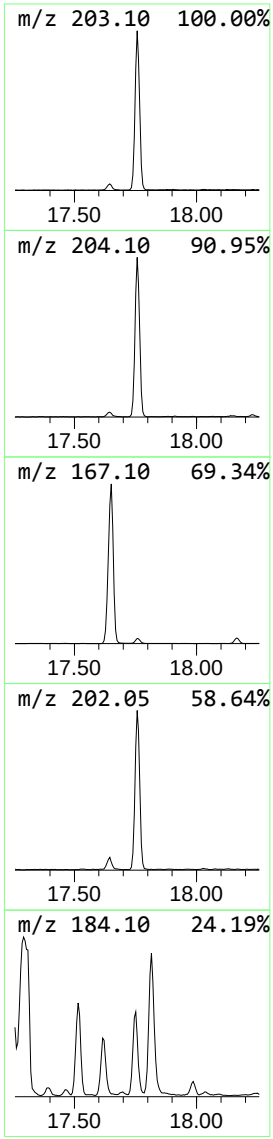
****

Peak Number 9 Naphthalene, 1-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.757	13.23 ng	1394220	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	95
2	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	78
3	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	78
4	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	78
5	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	60





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ALS Vial : 19 Sample Multiplier: 1

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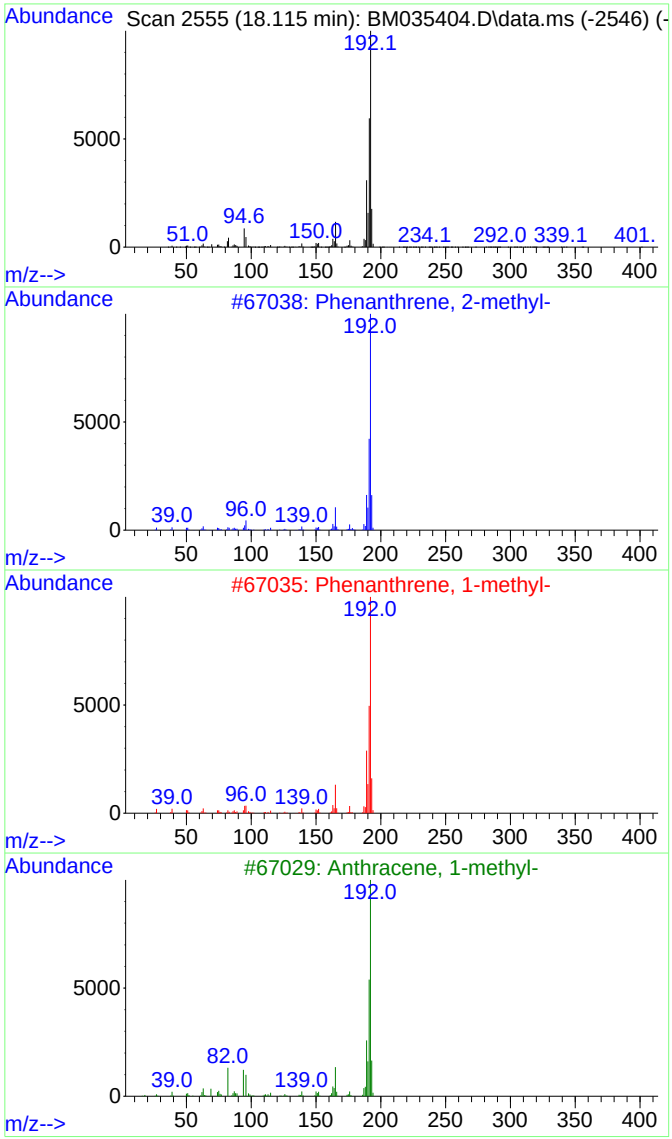
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

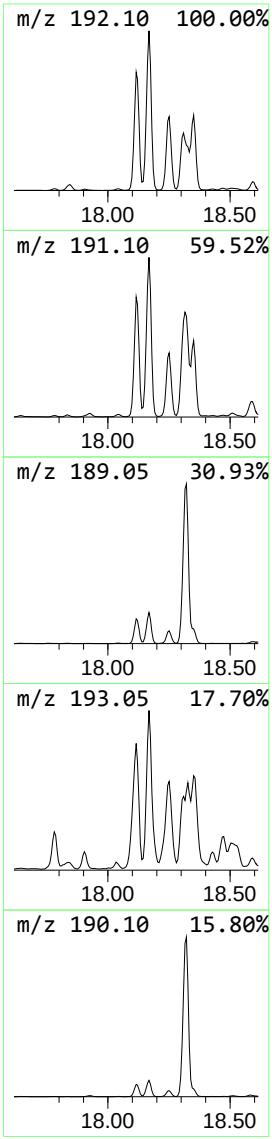
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.115	45.47 ng	4790540	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

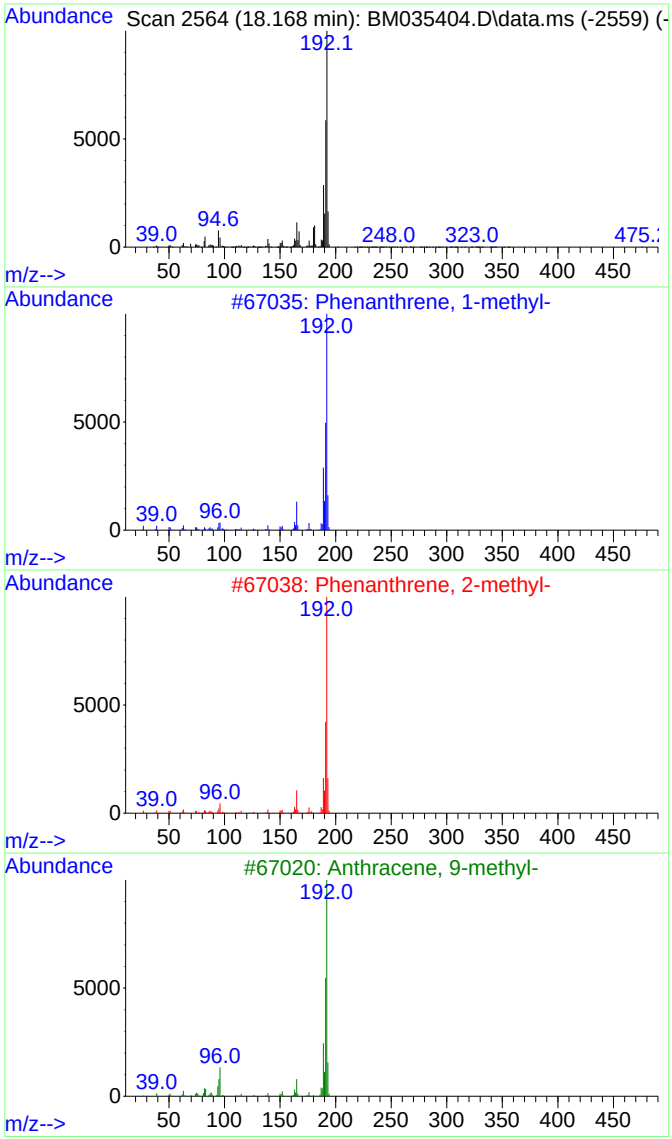
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

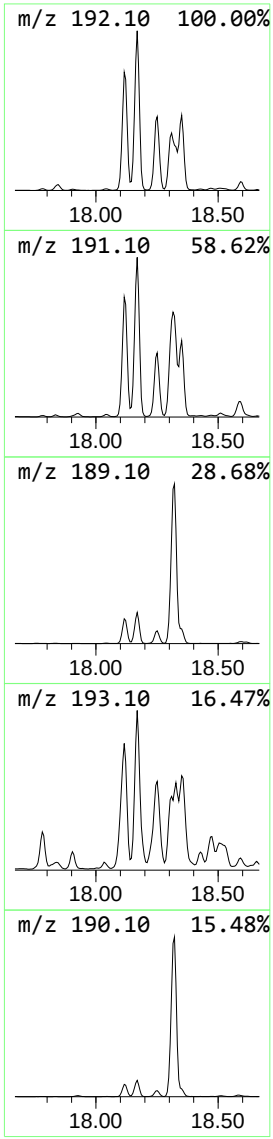
****

Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.168	63.51 ng	6690660	Phenanthrene-d10	17.245

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	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92





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Misc :
ALS Vial : 19 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
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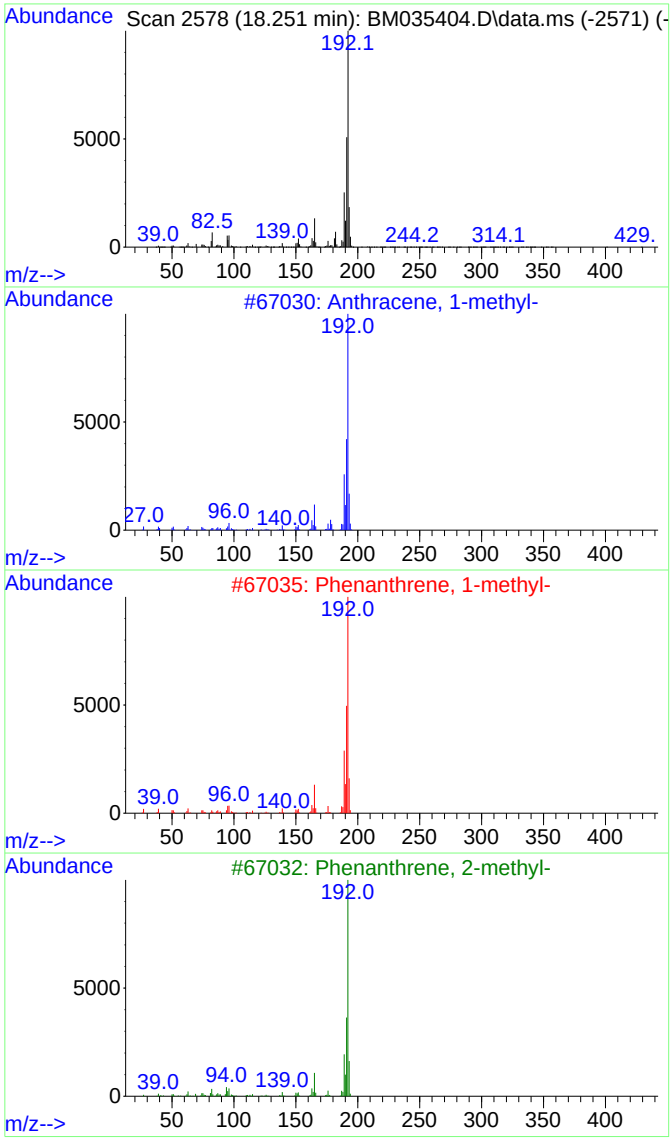
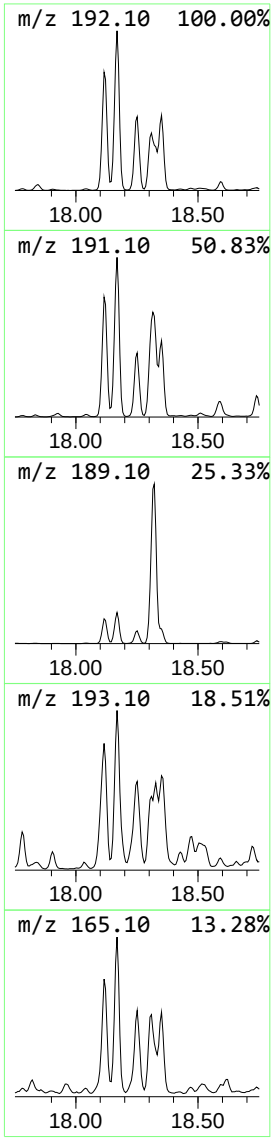
****

Peak Number 12 Anthracene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.251	29.65 ng	3123220	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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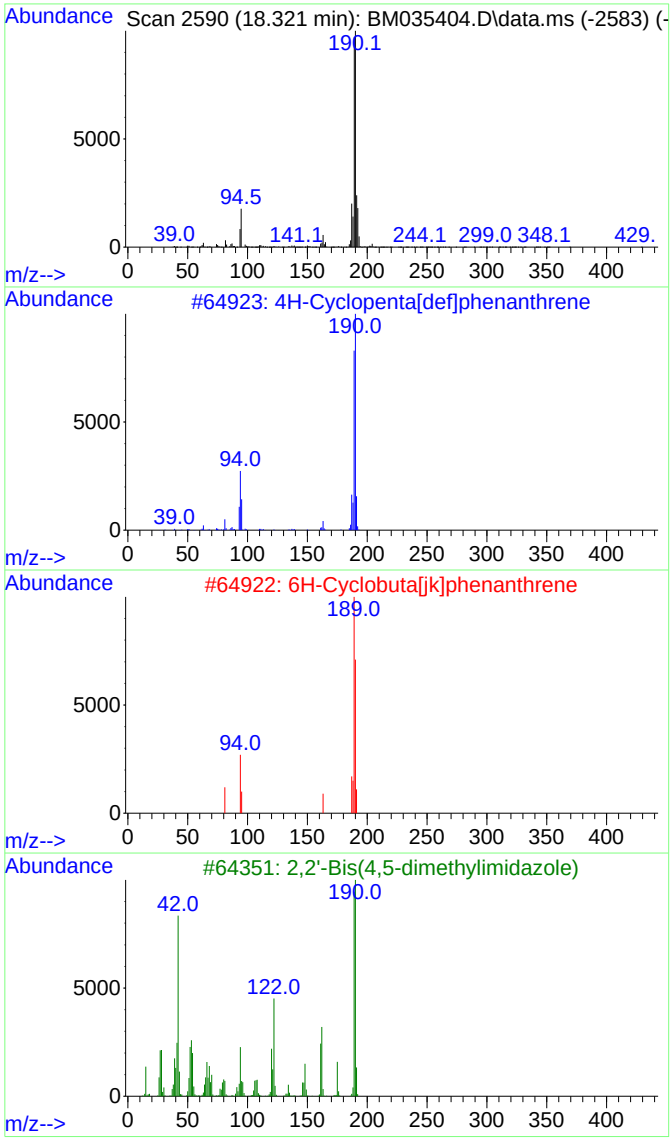
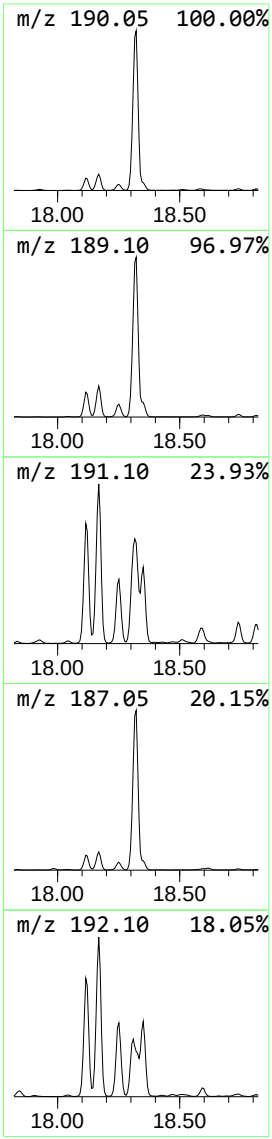
****
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.321	122.67 ng	12923300	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40
5	Methyl diselenide	190	C2H6Se2	007101-31-7	27





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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
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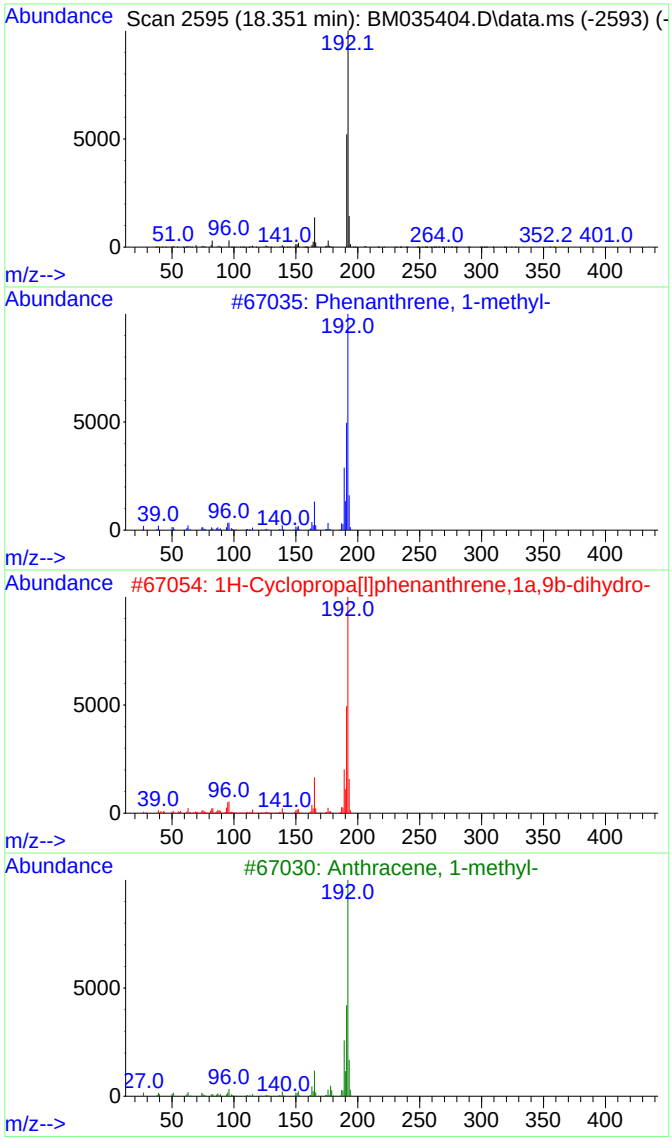
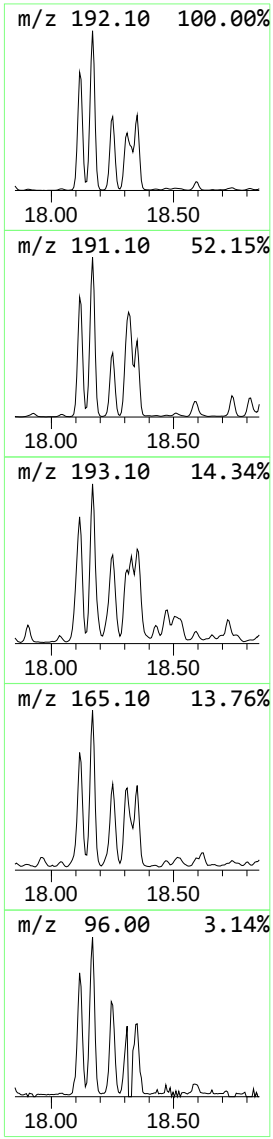
****
Peak Number 14 1H-Cyclopropa[l]phenanthren... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.351	21.94 ng	2311740	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91





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Misc :
ALS Vial : 19 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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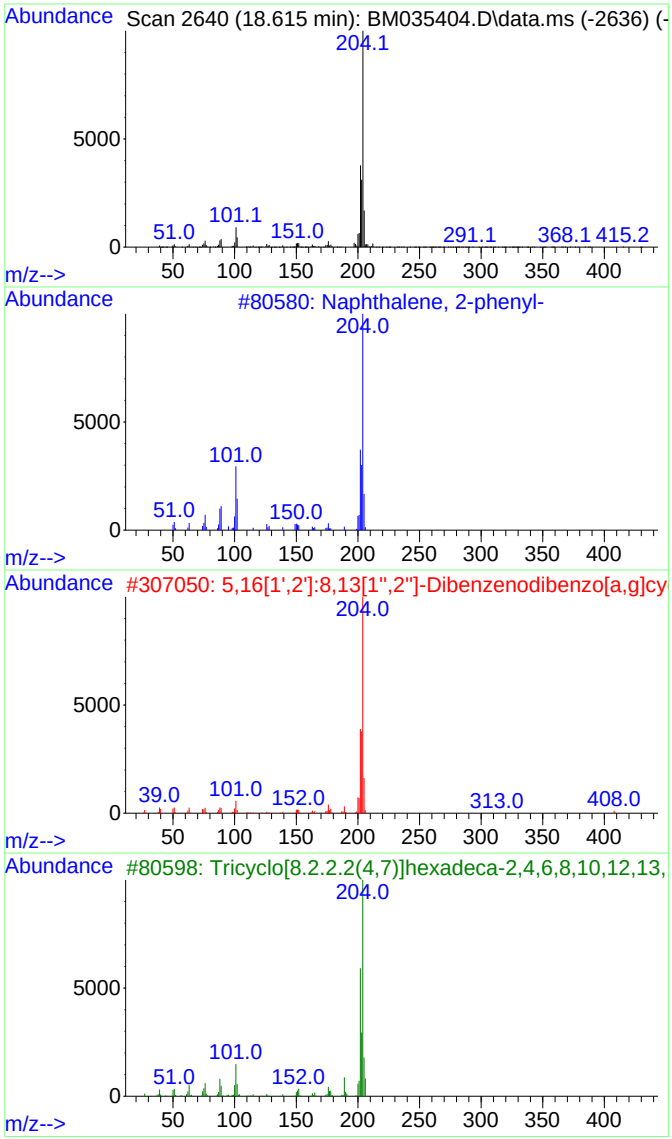
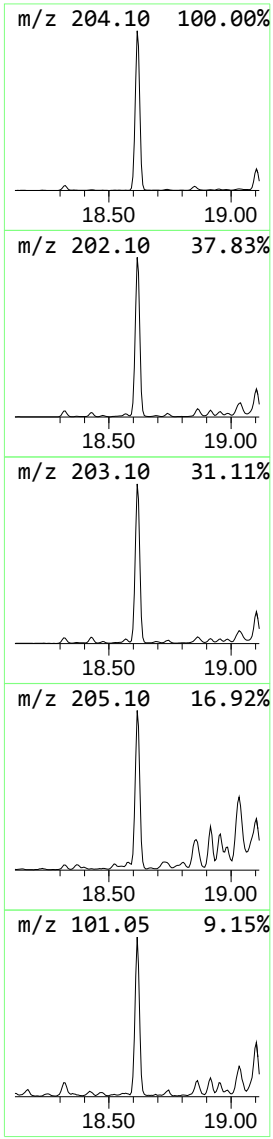
Peak Number 15 Naphthalene, 2-phenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.615	36.25 ng	3818920	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
Data File : BM035404.D
Acq On : 03 Jun 2022 20:37
Operator : CG/JU
Sample : N3159-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PT-1-060122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.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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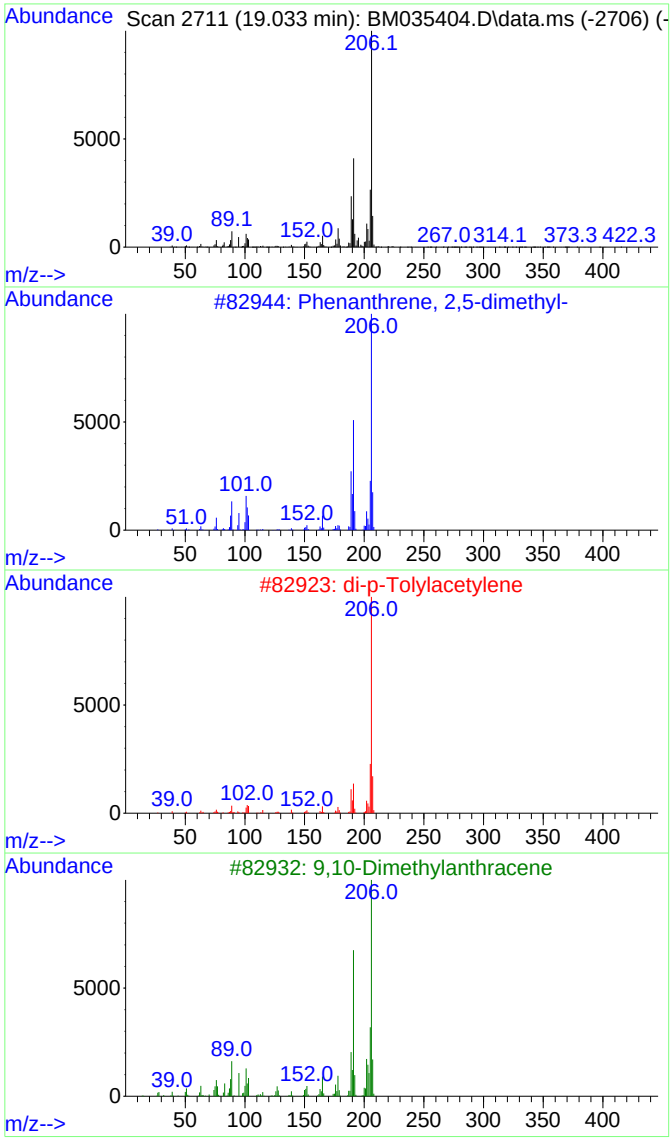
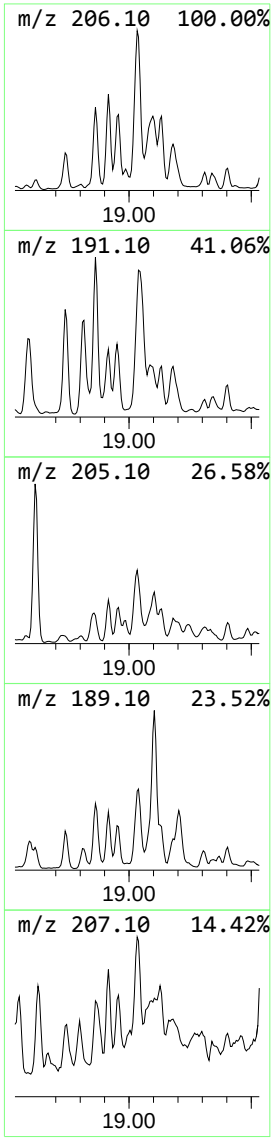
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.033	19.70 ng	2075700	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





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

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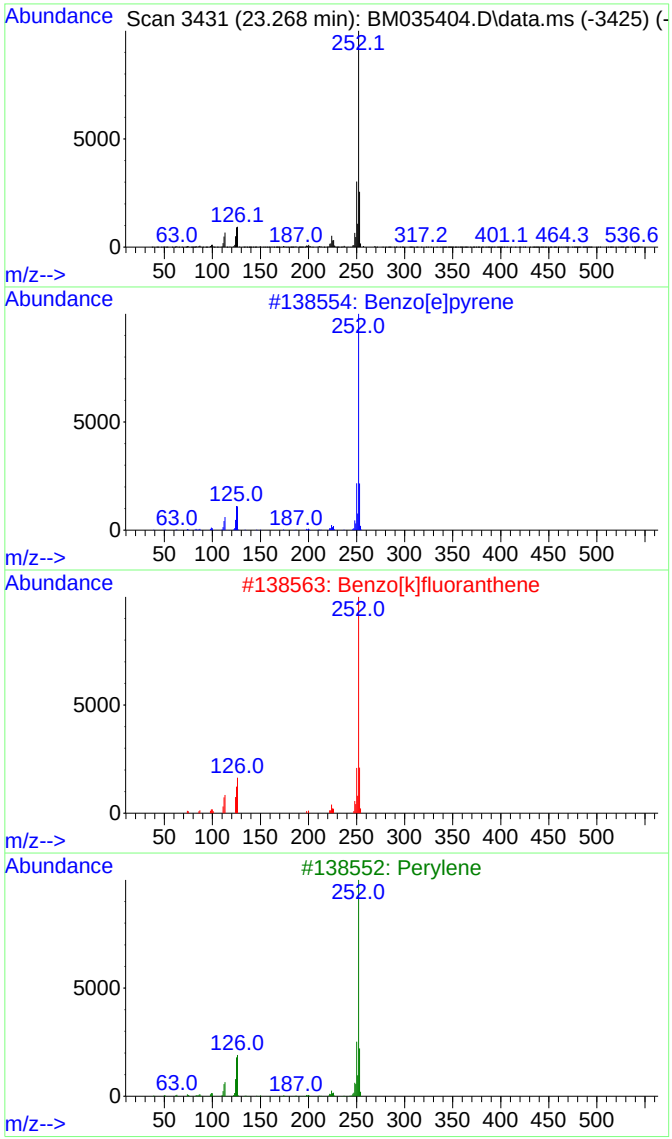
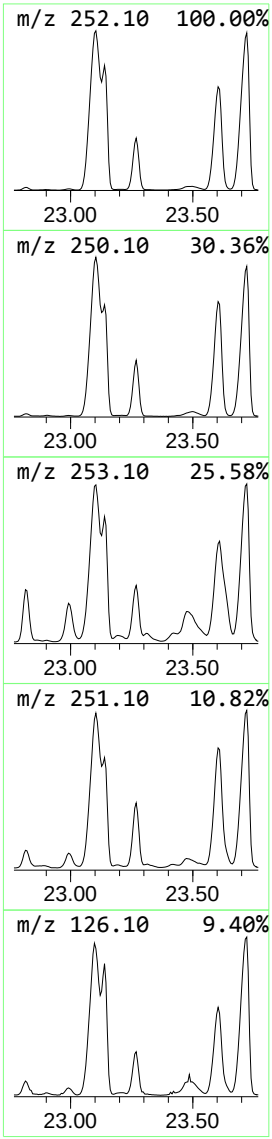
Peak Number 17 Benzo[e]pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.268	12.56 ng	8783740	Perylene-d12	23.803

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	Perylene	252	C20H12	000198-55-0	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





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Data File : BM035404.D
Acq On : 03 Jun 2022 20:37
Operator : CG/JU
Sample : N3159-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PT-1-060122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.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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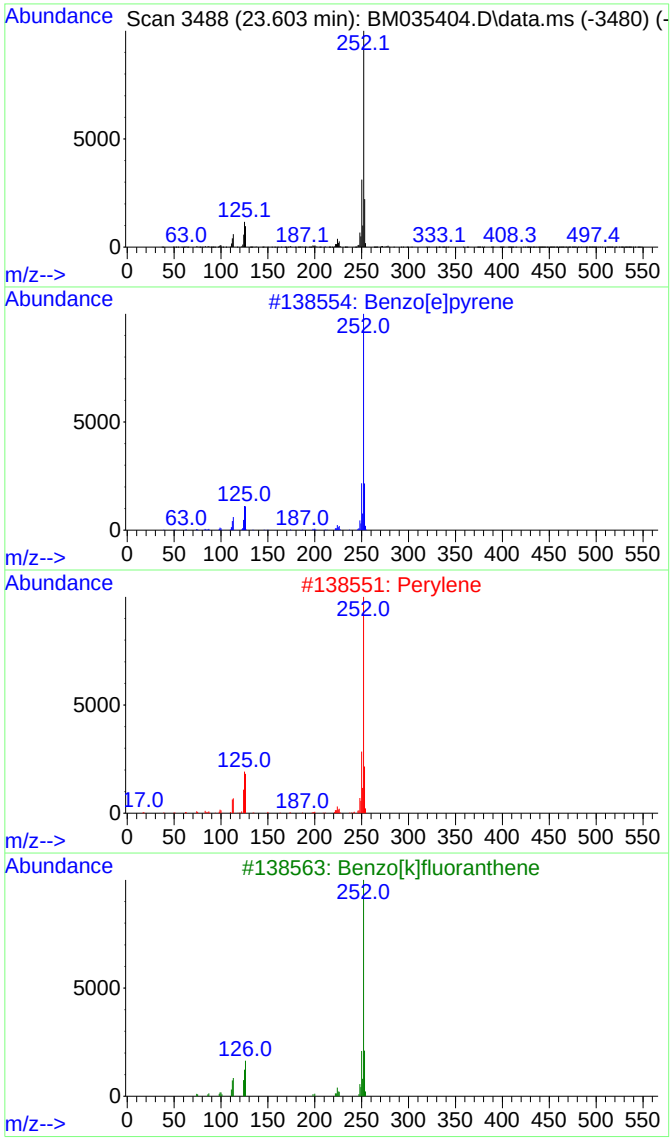
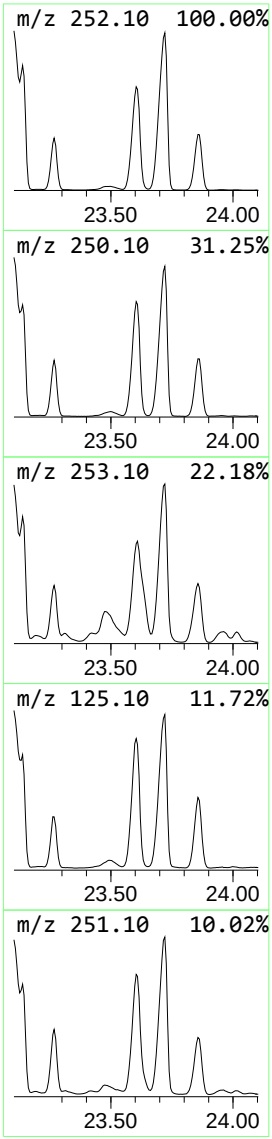
Peak Number 18 Perylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.603	36.07 ng	25233600	Perylene-d12	23.803

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





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Acq On : 03 Jun 2022 20:37
Operator : CG/JU
Sample : N3159-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PT-1-060122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.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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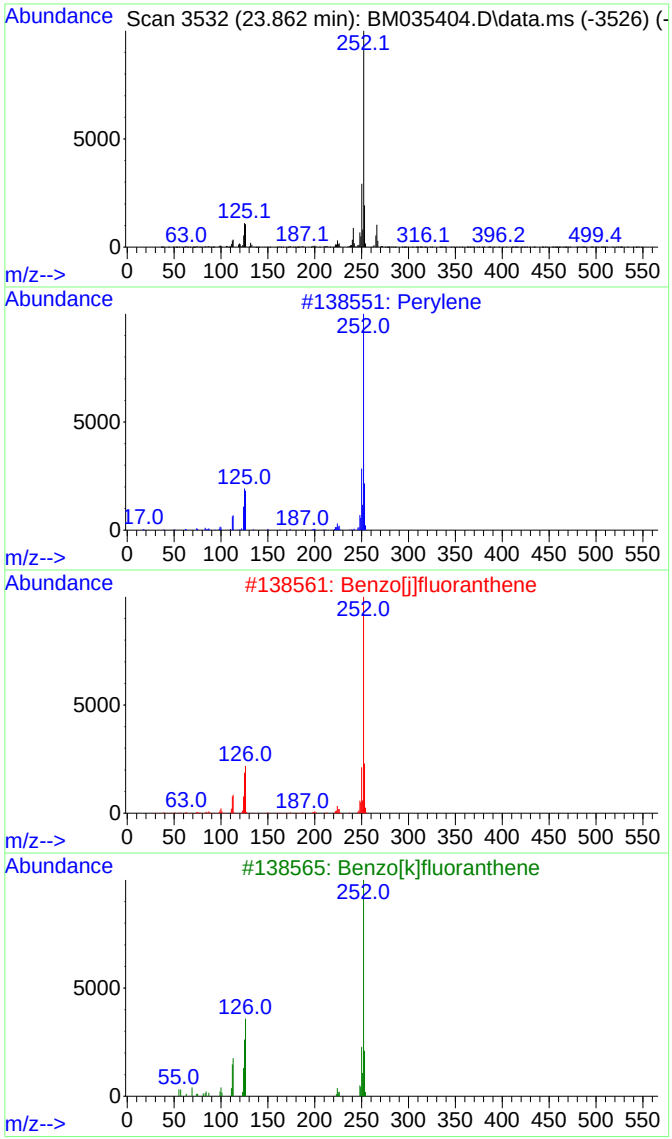
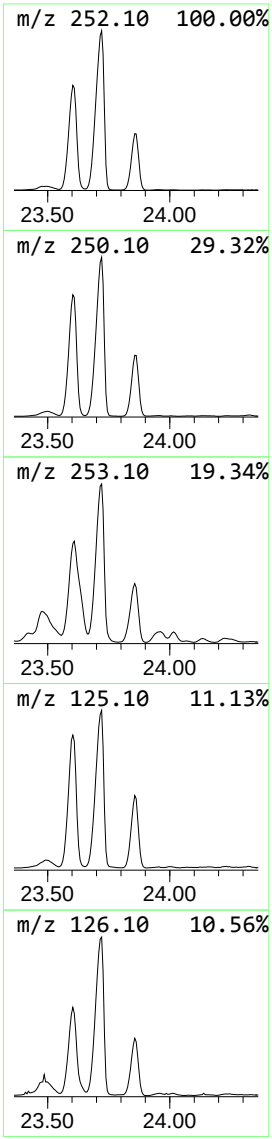
Peak Number 19 Benzo[j]fluoranthene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.862	20.00 ng	13992400	Perylene-d12	23.803

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	96
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4	Benzo[e]pyrene	252	C20H12	000192-97-2	89
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
Data File : BM035404.D
Acq On : 03 Jun 2022 20:37
Operator : CG/JU
Sample : N3159-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PT-1-060122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.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
Nordiphenamid	15.698	17.1	ng	1862350	3	14.492	2177090	20.0
Diphenylmethane	15.786	11.4	ng	1245740	3	14.492	2177090	20.0
Dibenzofuran, 4...	15.833	12.2	ng	1332630	3	14.492	2177090	20.0
Anthracene, 9,1...	16.333	17.6	ng	1855870	4	17.245	2106940	20.0
9H-Fluorene, 3-...	16.545	14.5	ng	1531450	4	17.245	2106940	20.0
Anthracene, 1,2...	16.992	18.4	ng	1942800	4	17.245	2106940	20.0
Dibenzothiophene	17.057	35.7	ng	3757270	4	17.245	2106940	20.0
Acridine	17.433	21.6	ng	2277700	4	17.245	2106940	20.0
Naphthalene, 1-...	17.757	13.2	ng	1394220	4	17.245	2106940	20.0
Phenanthrene, 2...	18.115	45.5	ng	4790540	4	17.245	2106940	20.0
Phenanthrene, 1...	18.168	63.5	ng	6690660	4	17.245	2106940	20.0
Anthracene, 1-m...	18.251	29.6	ng	3123220	4	17.245	2106940	20.0
4H-Cyclopenta[d...	18.321	122.7	ng	12923300	4	17.245	2106940	20.0
1H-Cyclopropa[l...	18.351	21.9	ng	2311740	4	17.245	2106940	20.0
Naphthalene, 2-...	18.615	36.3	ng	3818920	4	17.245	2106940	20.0
Phenanthrene, 2...	19.033	19.7	ng	2075700	4	17.245	2106940	20.0
Benzo[e]pyrene	23.268	12.6	ng	8783740	6	23.803	13992400	20.0
Perylene	23.603	36.1	ng	25233600	6	23.803	13992400	20.0
Benzo[j]fluoran...	23.862	20.0	ng	13992400	6	23.803	13992400	20.0