LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071322\
Data File : BM035797.D
Acq On : 13 Jul 2022 16:57
Operator : CG/JU
Sample : N3645-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NB-08-070822

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-BM071322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM035797.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.457	397	403	417	rVB	1555278	2265726	12.11%	1.096%
2	7.063	667	676	684	rBV	1493373	2282019	12.20%	1.104%
3	7.904	810	819	826	rBV	1562833	2407299	12.87%	1.165%
4	9.063	1010	1016	1025	rVB	843915	1379549	7.37%	0.667%
5	10.710	1288	1296	1301	rBV	1929892	3221636	17.22%	1.559%
6	10.757	1301	1304	1312	rVB	365996	603661	3.23%	0.292%
7	12.368	1572	1578	1586	rVB	583461	886296	4.74%	0.429%
8	12.586	1605	1615	1626	rVB	684580	1085158	5.80%	0.525%
9	13.168	1708	1714	1721	rVB	2026222	2799514	14.97%	1.354%
10	13.380	1744	1750	1756	rBV	161365	239355	1.28%	0.116%
11	13.574	1778	1783	1794	rVB	106915	259742	1.39%	0.126%
12	13.721	1799	1808	1814	rBV2	266903	670343	3.58%	0.324%
13	13.863	1825	1832	1837	rBV	577437	986286	5.27%	0.477%
14	13.915	1837	1841	1847	rVV	352835	503971	2.69%	0.244%
15	14.098	1866	1872	1875	rBV	276444	407132	2.18%	0.197%
16	14.262	1894	1900	1912	rBV	789778	1269889	6.79%	0.614%
17	14.539	1938	1947	1952	rBV	2482620	3760466	20.10%	1.819%
18	14.598	1952	1957	1965	rVV	2061597	2979574	15.93%	1.441%
19	14.751	1977	1983	1991	rVB4	100870	232597	1.24%	0.113%
20	14.845	1991	1999	2004	rBV3	90308	216828	1.16%	0.105%
21	14.933	2008	2014	2022	rVV	1102282	1734526	9.27%	0.839%
22	15.009	2023	2027	2032	rVB	241274	319607	1.71%	0.155%
23	15.151	2045	2051	2056	rBV3	203615	416618	2.23%	0.202%
24	15.204	2056	2060	2064	rVB	149305	194521	1.04%	0.094%
25	15.404	2090	2094	2101	rVB3	155850	233149	1.25%	0.113%
26	15.580	2119	2124	2136	rVB	2235866	3221021	17.22%	1.558%
27	15.704	2142	2145	2148	rVV	245297	377941	2.02%	0.183%
28	15.739	2149	2151	2156	rVB3	231074	291840	1.56%	0.141%
29	15.792	2156	2160	2164	rBV3	122010	191620	1.02%	0.093%
30	15.874	2169	2174	2184	rVB	334014	569280	3.04%	0.275%
31	16.015	2192	2198	2206	rVB2	1530023	2372172	12.68%	1.148%
32	16.256	2234	2239	2246	rBV2	238874	370335	1.98%	0.179%
33	16.580	2287	2294	2299	rBV3	447936	900832	4.82%	0.436%
34	16.633	2299	2303	2306	rBV	270773	379343	2.03%	0.184%
35	16.733	2315	2320	2325	rVB	274729	411326	2.20%	0.199%
36	16.851	2337	2340	2344	rVB3	152430	201881	1.08%	0.098%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071322\
Data File : BM035797.D
Acq On : 13 Jul 2022 16:57
Operator : CG/JU
Sample : N3645-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NB-08-070822

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-BM071322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.933	2350	2354	2361	rVB3	181656	333153	1.78%	0.161%
38	17.009	2363	2367	2372	rBV2	130669	254556	1.36%	0.123%
39	17.092	2377	2381	2390	rVB	917876	1366683	7.31%	0.661%
40	17.274	2407	2412	2416	rBV	2578616	3988494	21.32%	1.930%
41	17.321	2416	2420	2426	rVV	12250991	16013074	85.60%	7.747%
42	17.409	2426	2435	2440	rVB	2976233	4190472	22.40%	2.027%
43	17.468	2440	2445	2451	rBV2	350341	613879	3.28%	0.297%
44	17.680	2476	2481	2486	rBV	1009341	1339277	7.16%	0.648%
45	17.798	2498	2501	2505	rBV	209683	300189	1.60%	0.145%
46	17.856	2507	2511	2520	rVB	510396	732995	3.92%	0.355%
47	18.003	2531	2536	2543	rVB	364689	665555	3.56%	0.322%
48	18.156	2556	2562	2564	rBV	1682690	2466700	13.19%	1.193%
49	18.198	2564	2569	2577	rVV2	2343859	4531278	24.22%	2.192%
50	18.280	2579	2583	2588	rVV	739521	1049444	5.61%	0.508%
51	18.345	2588	2594	2598	rVV2	2835863	5053523	27.01%	2.445%
52	18.386	2598	2601	2606	rVB	1165206	1536635	8.21%	0.743%
53	18.450	2608	2612	2616	rVV	386644	614320	3.28%	0.297%
54	18.492	2616	2619	2624	rVV2	473791	758675	4.06%	0.367%
55	18.545	2625	2628	2633	rVB2	301970	456502	2.44%	0.221%
56	18.656	2642	2647	2650	rBV	904088	1273127	6.81%	0.616%
57	18.686	2650	2652	2664	rVB2	577511	1083558	5.79%	0.524%
58	18.903	2679	2689	2693	rBV3	1420296	4389279	23.46%	2.123%
59	19.068	2712	2717	2721	rBV	1349465	2066092	11.04%	1.000%
60	19.133	2721	2728	2731	rVV4	739281	1588221	8.49%	0.768%
61	19.162	2731	2733	2736	rVB	426803	412379	2.20%	0.200%
62	19.209	2737	2741	2748	rBV2	438400	1130122	6.04%	0.547%
63	19.333	2756	2762	2768	rBV	13060432	17597639	94.07%	8.513%
64	19.403	2770	2774	2776	rVV	304130	423070	2.26%	0.205%
65	19.433	2776	2779	2781	rVV2	303367	401694	2.15%	0.194%
66	19.462	2781	2784	2791	rVB3	1578009	2489506	13.31%	1.204%
67	19.574	2799	2803	2806	rBV	634047	814190	4.35%	0.394%
68	19.697	2814	2824	2832	rBV	11764199	18706461	100.00%	9.050%
69	19.768	2832	2836	2842	rVB2	566170	1013656	5.42%	0.490%
70	19.868	2850	2853	2855	rBV2	442521	586530	3.14%	0.284%
71	19.903	2855	2859	2862	rVV	2593151	3235131	17.29%	1.565%
72	19.933	2862	2864	2869	rVB2	542029	661444	3.54%	0.320%
73	20.015	2874	2878	2884	rBV4	766062	1671619	8.94%	0.809%
74	20.156	2899	2902	2903	rBV2	379120	464702	2.48%	0.225%
75	20.186	2904	2907	2912	rVB	2314286	3108832	16.62%	1.504%
76	20.291	2921	2925	2929	rVB	1909309	2319774	12.40%	1.122%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071322\
Data File : BM035797.D
Acq On : 13 Jul 2022 16:57
Operator : CG/JU
Sample : N3645-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NB-08-070822

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-BM071322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	20.344	2931	2934	2938	rVB	1108698	1438480	7.69%	0.696%
78	20.480	2948	2957	2962	rBV2	2534208	6224356	33.27%	3.011%
79	20.533	2963	2966	2970	rVB	840670	1026972	5.49%	0.497%
80	21.103	3060	3063	3066	rVB	862602	928574	4.96%	0.449%
81	21.139	3066	3069	3072	rBV	787782	901765	4.82%	0.436%
82	21.180	3073	3076	3080	rVV2	603169	860449	4.60%	0.416%
83	21.444	3116	3121	3125	rBV3	6496881	12351785	66.03%	5.976%
84	21.491	3126	3129	3137	rVB2	6513347	9297546	49.70%	4.498%
85	21.615	3147	3150	3154	rBV	771143	1064805	5.69%	0.515%
86	23.121	3401	3406	3418	rVB	2603934	8226327	43.98%	3.980%
87	23.638	3490	3494	3502	rVB	1676664	3236487	17.30%	1.566%
88	23.738	3506	3511	3523	rBV	2635499	5419814	28.97%	2.622%
89	23.844	3525	3529	3535	rVB2	1886020	3382674	18.08%	1.636%

Sum of corrected areas: 206705517

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071322\
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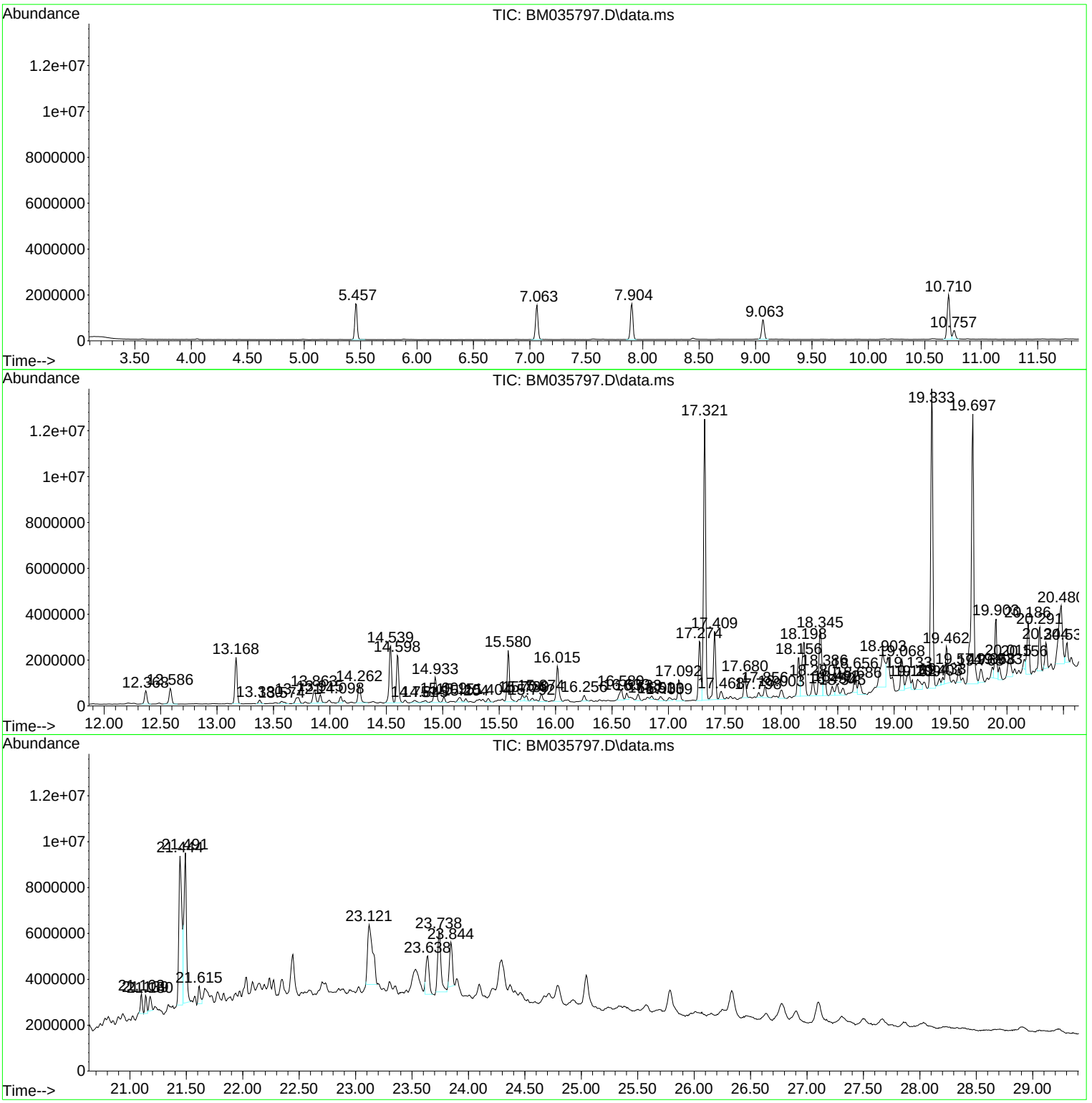
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NB-08-070822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.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\BM071322\
Data File : BM035797.D
Acq On : 13 Jul 2022 16:57
Operator : CG/JU
Sample : N3645-01 5X
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Instrument :
BNA_M
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

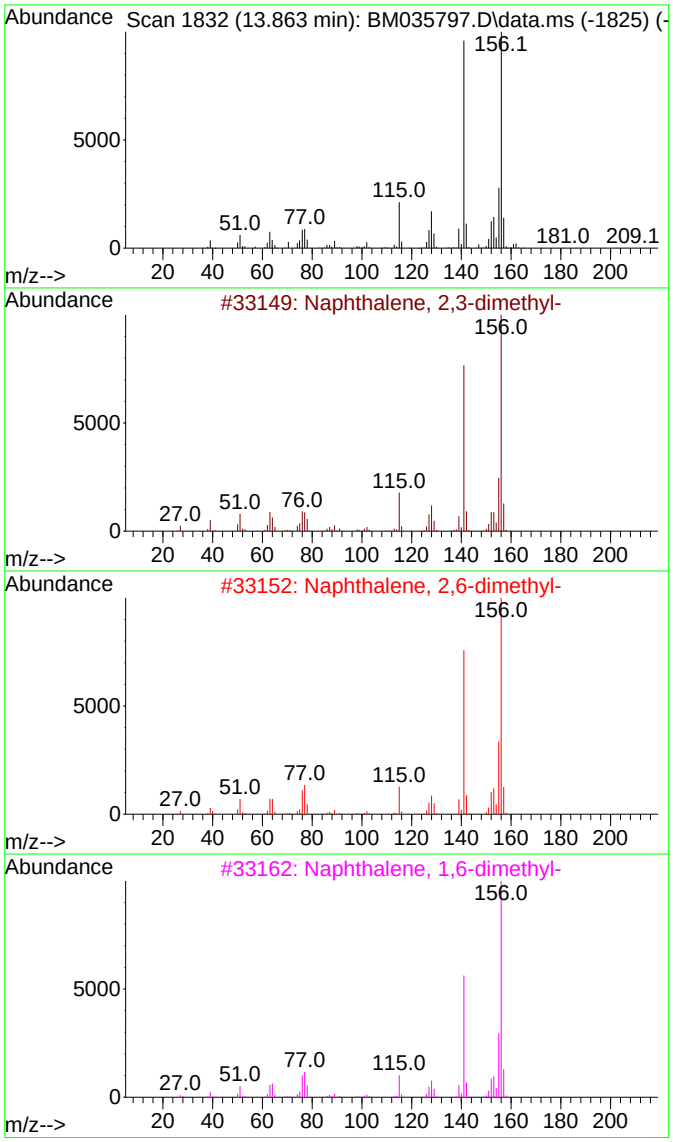
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

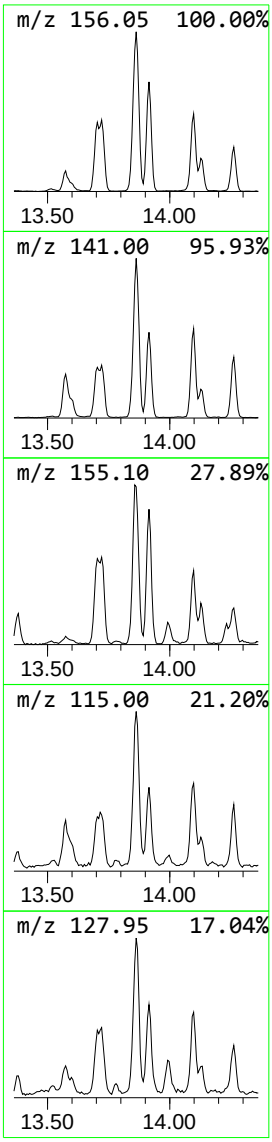
****

Peak Number 1 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.863	5.25 ng	986286	Acenaphthene-d10	14.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071322\
Data File : BM035797.D
Acq On : 13 Jul 2022 16:57
Operator : CG/JU
Sample : N3645-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NB-08-070822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

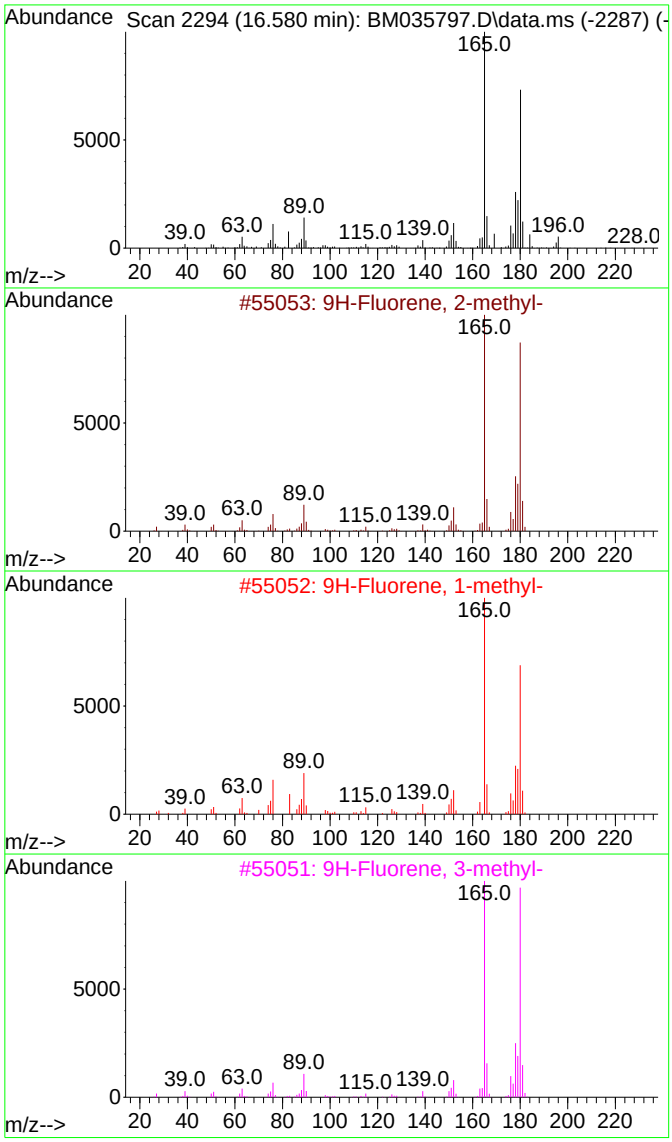
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

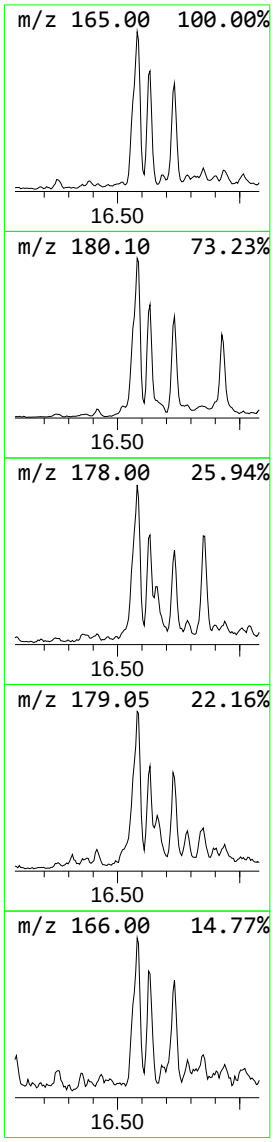
****

Peak Number 2 9H-Fluorene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.580	4.52 ng	900832	Phenanthrene-d10	17.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	93
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071322\
Data File : BM035797.D
Acq On : 13 Jul 2022 16:57
Operator : CG/JU
Sample : N3645-01 5X
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NB-08-070822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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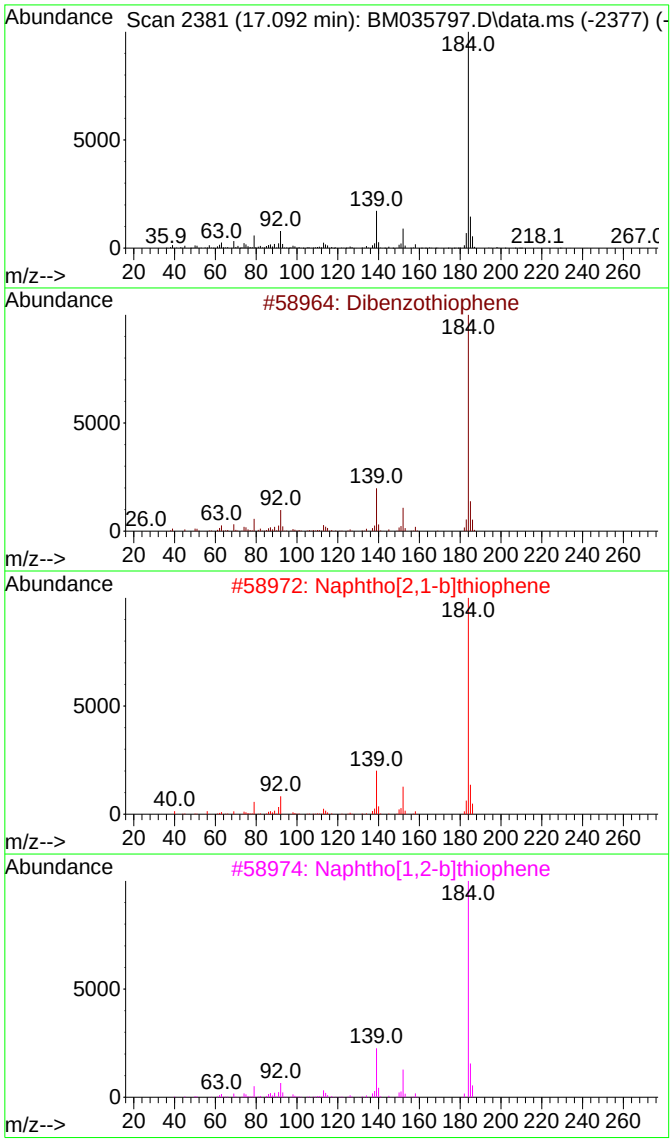
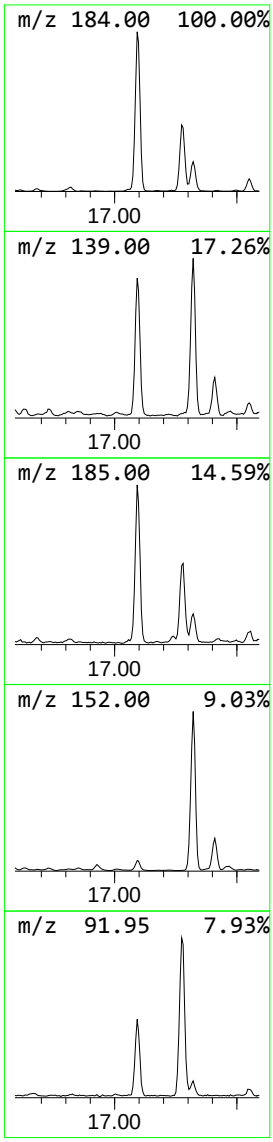
Peak Number 3 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.092	6.85 ng	1366680	Phenanthrene-d10	17.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071322\
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

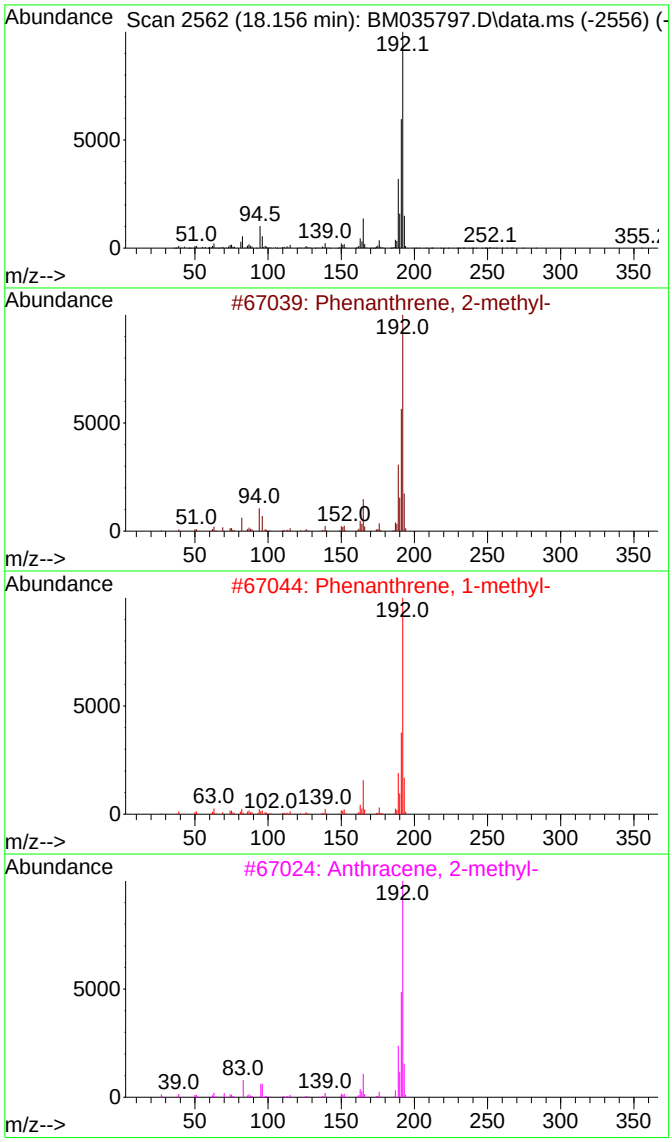
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

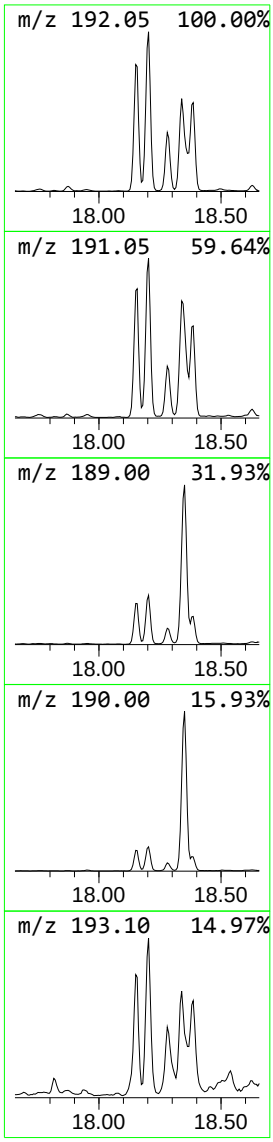
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.156	12.37 ng	2466700	Phenanthrene-d10	17.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071322\
Data File : BM035797.D
Acq On : 13 Jul 2022 16:57
Operator : CG/JU
Sample : N3645-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NB-08-070822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

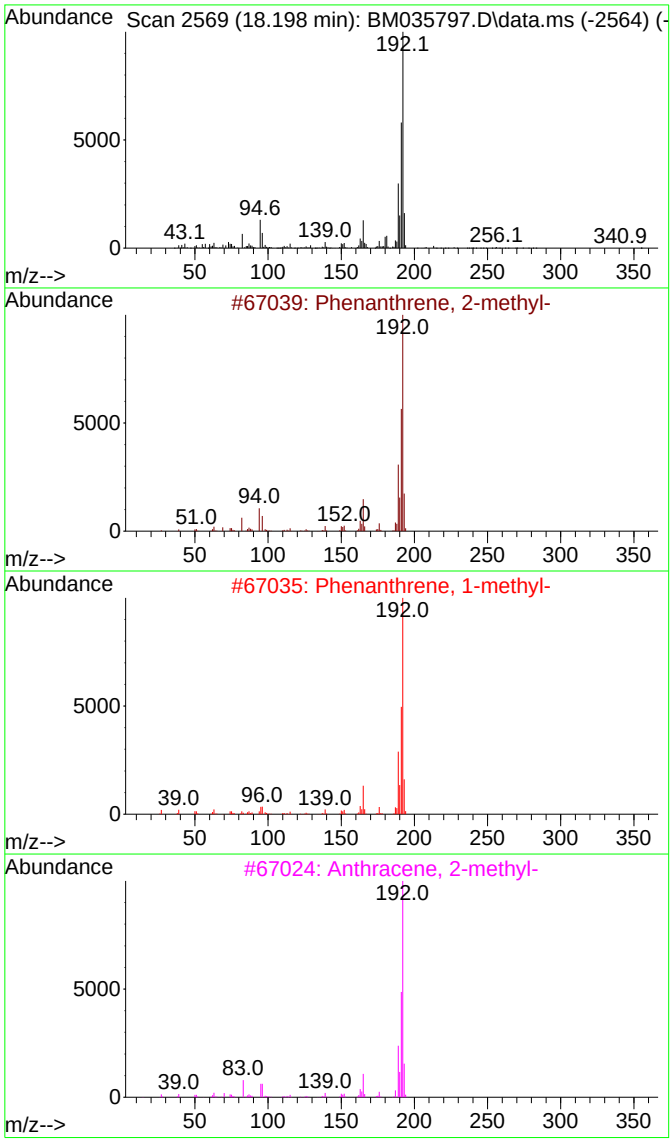
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

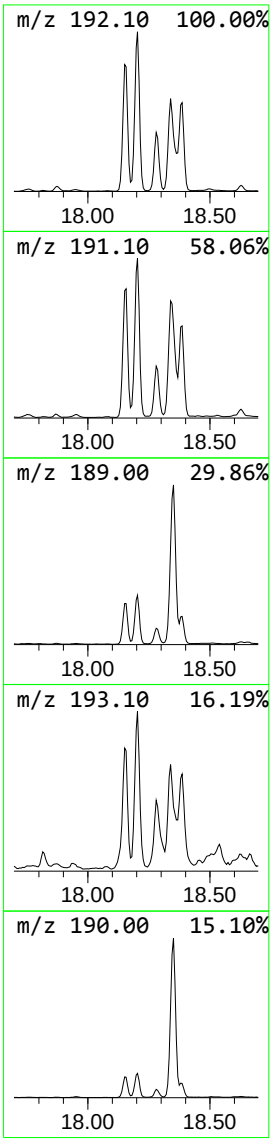
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.198	22.72 ng	4531280	Phenanthrene-d10	17.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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Data File : BM035797.D
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Sample : N3645-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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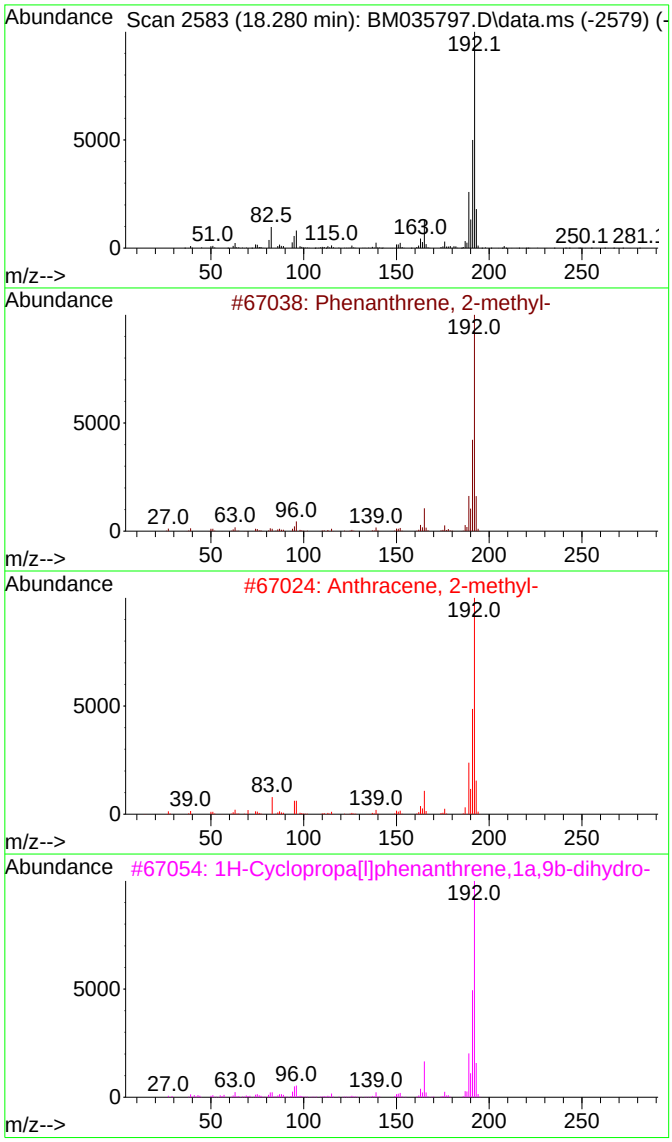
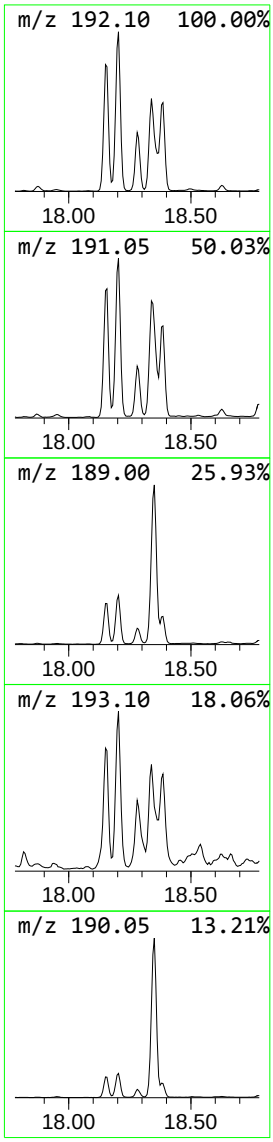
Peak Number 6 Anthracene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.280	5.26 ng	1049440	Phenanthrene-d10	17.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Operator : CG/JU
Sample : N3645-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NB-08-070822

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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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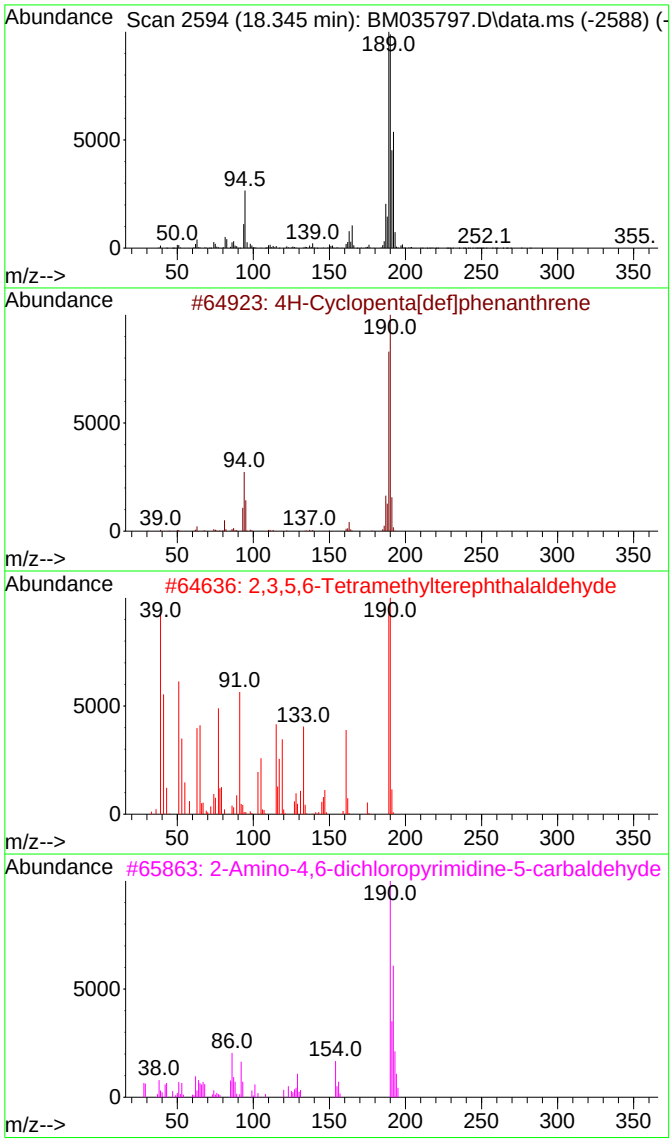
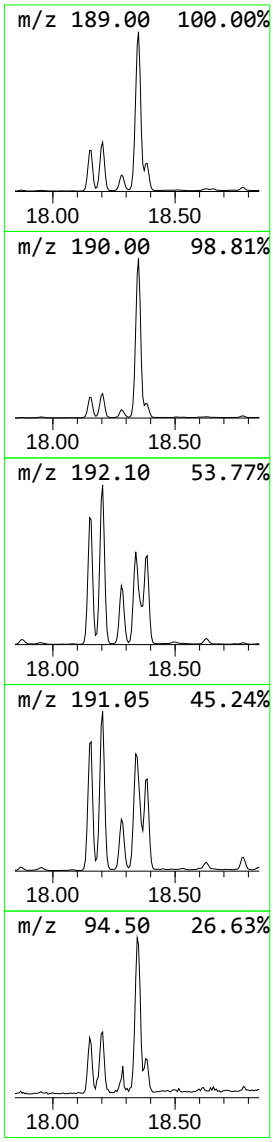
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.345	25.34 ng	5053520	Phenanthrene-d10	17.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	38
3	2-Amino-4,6-dichloropyrimidine-5...	191	C5H3Cl2N3O	005604-46-6	38
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	18





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Sample : N3645-01 5X
Misc :
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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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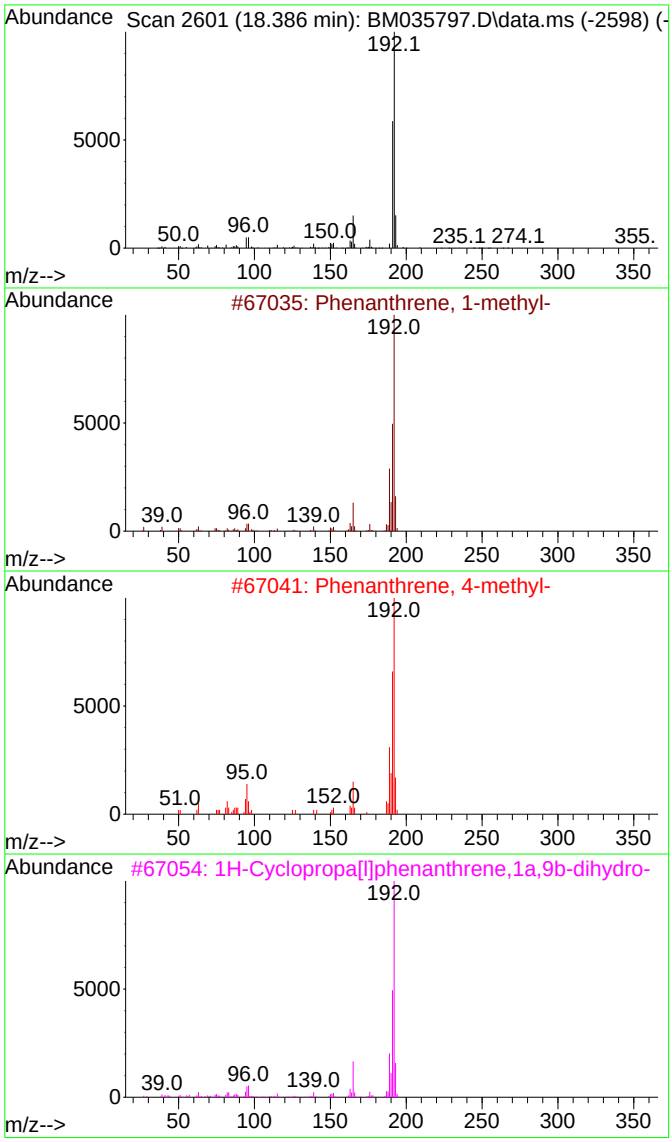
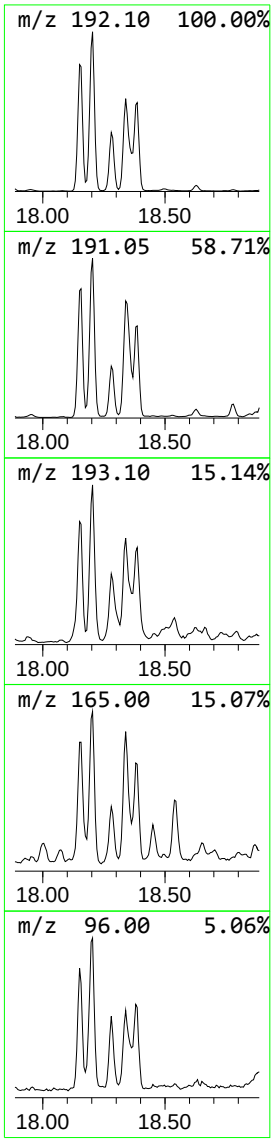
Peak Number 8 Phenanthrene, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.386	7.71 ng	1536640	Phenanthrene-d10	17.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94





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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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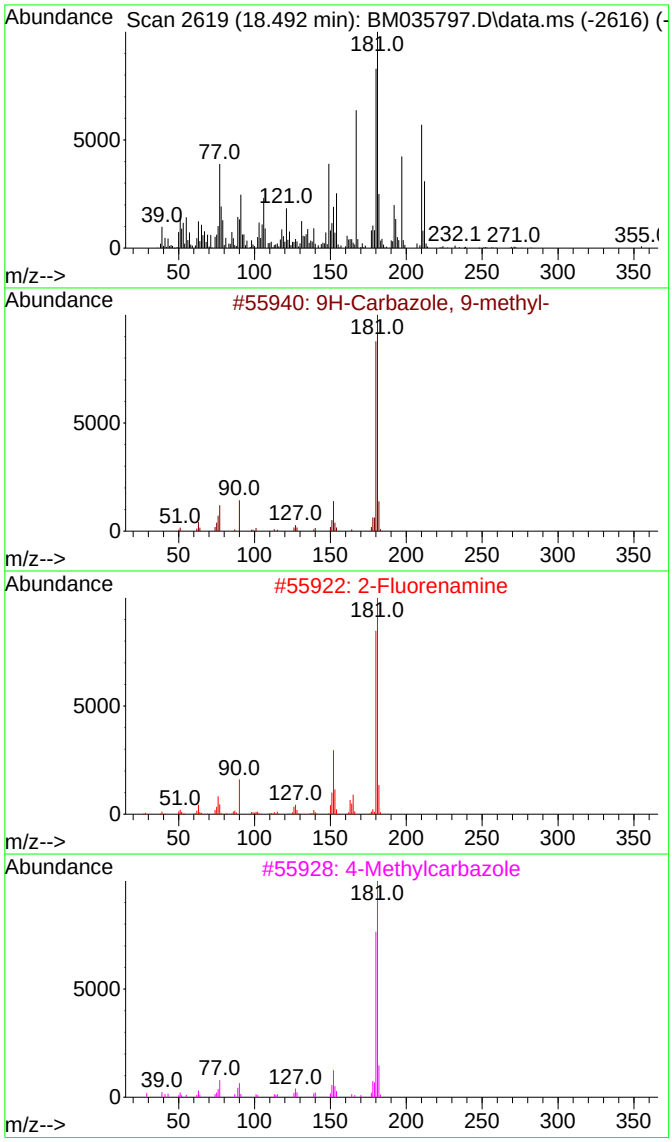
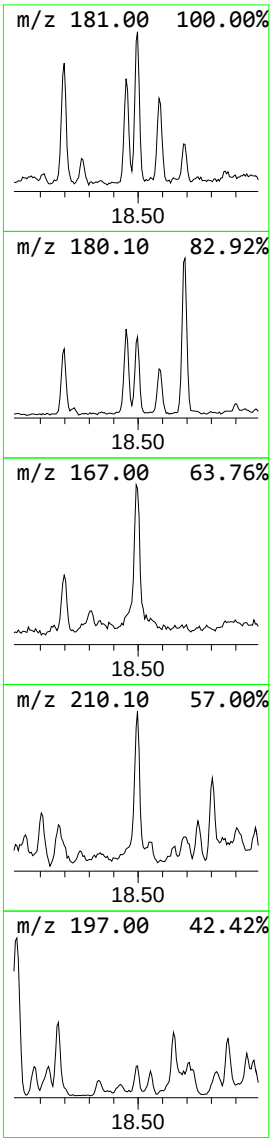
Peak Number 9 unknown18.492 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.492	3.80 ng	758675	Phenanthrene-d10	17.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	42
2	2-Fluorenamine	181	C13H11N	000153-78-6	42
3	4-Methylcarbazole	181	C13H11N	003770-48-7	42
4	1,3-benzenedimethanol, 5-(dimeth...	181	C10H15NO2	1000404-85-8	42
5	3-Methylcarbazole	181	C13H11N	004630-20-0	42





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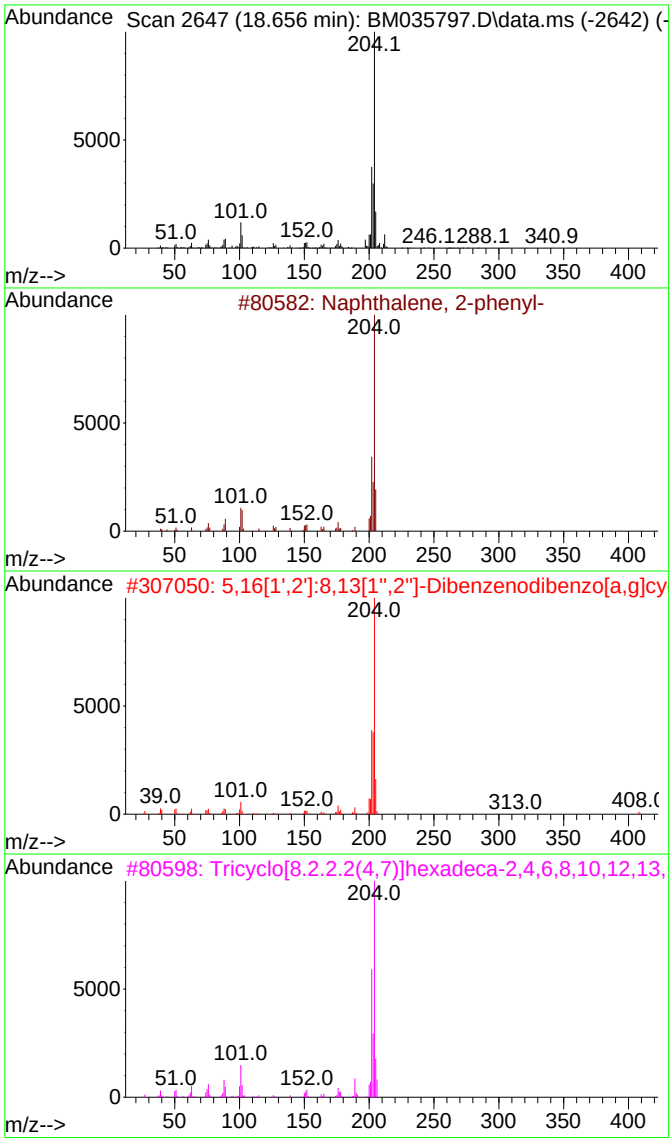
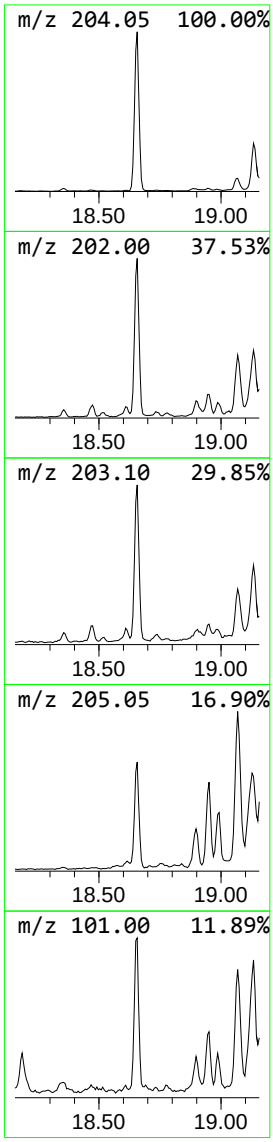
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.656	6.38 ng	1273130	Phenanthrene-d10	17.274

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	86
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	52
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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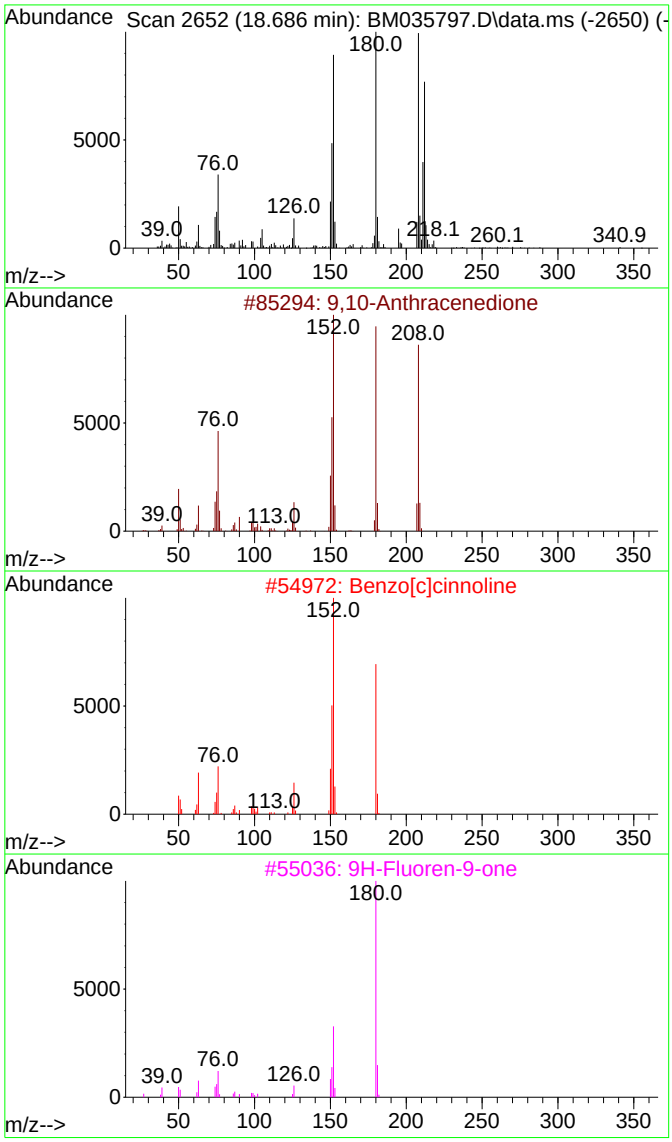
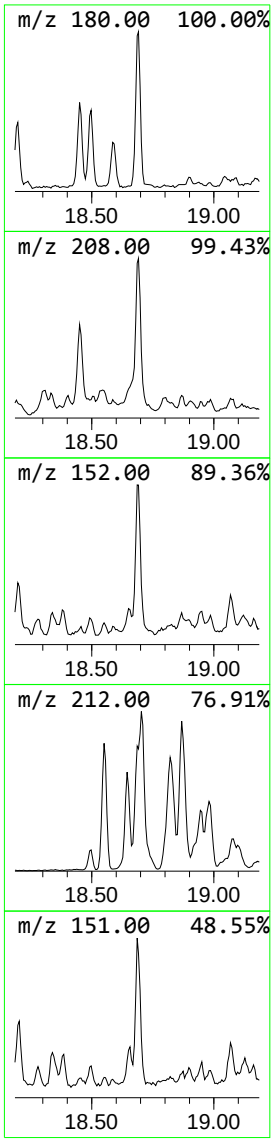
Peak Number 11 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.686	5.43 ng	1083560	Phenanthrene-d10	17.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	87
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	86
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	46
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	42





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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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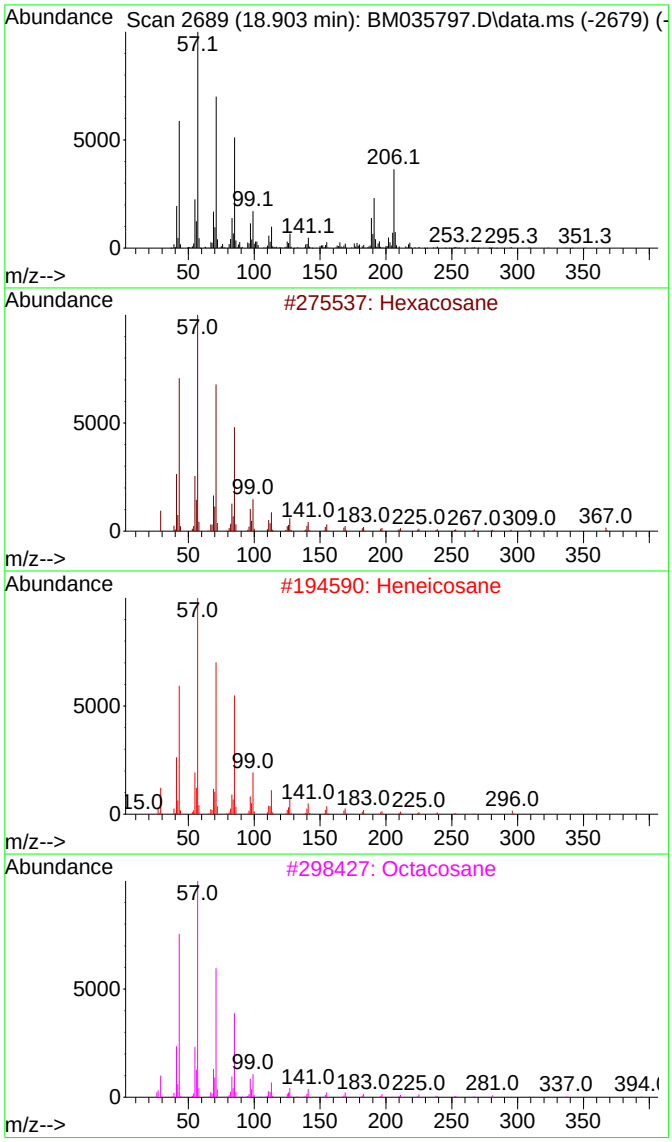
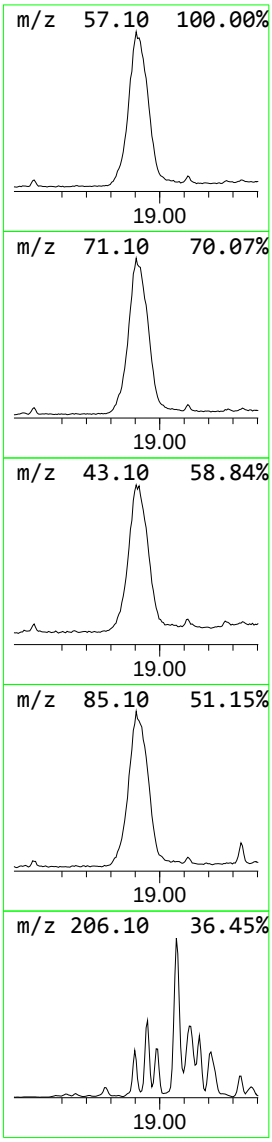
Peak Number 12 Hexacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.903	22.01 ng	4389280	Phenanthrene-d10	17.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	70
2	Heneicosane	296	C21H44	000629-94-7	70
3	Octacosane	394	C28H58	000630-02-4	62
4	Tetratetracontane	619	C44H90	007098-22-8	62
5	Tetracosane	338	C24H50	000646-31-1	62





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

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

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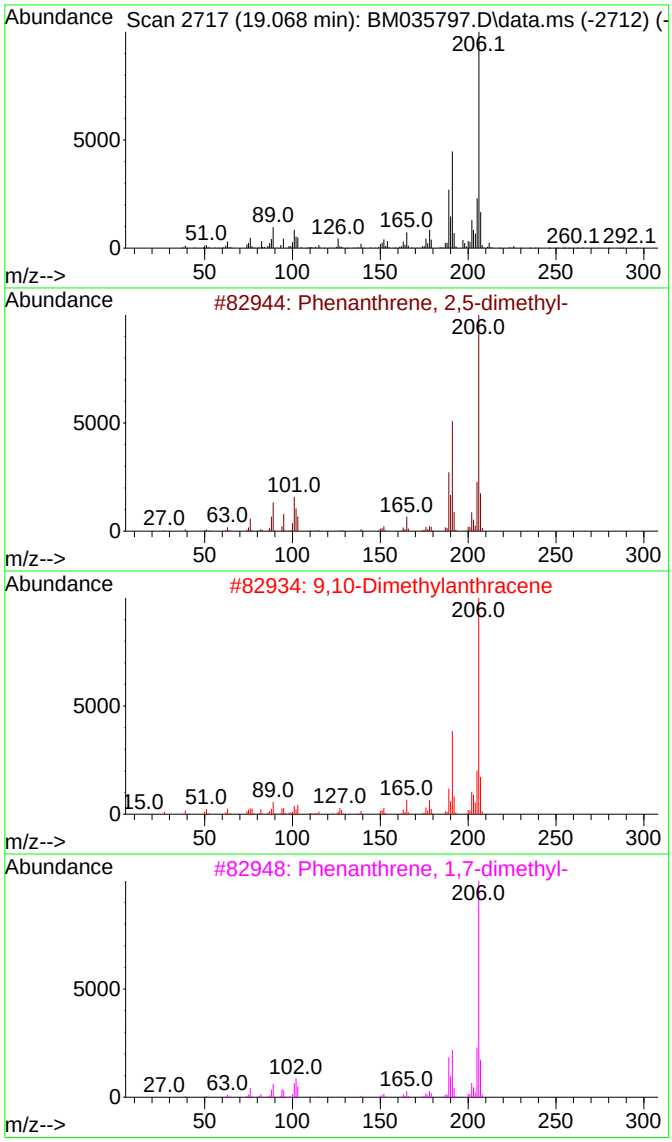
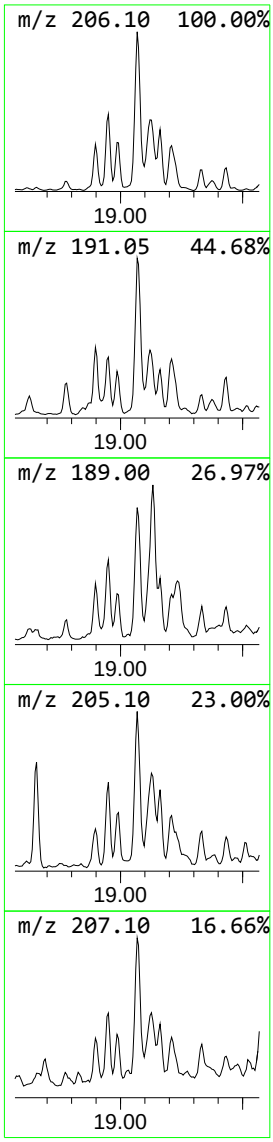
Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.068	10.36 ng	2066090	Phenanthrene-d10	17.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91





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Misc :
ALS Vial : 12 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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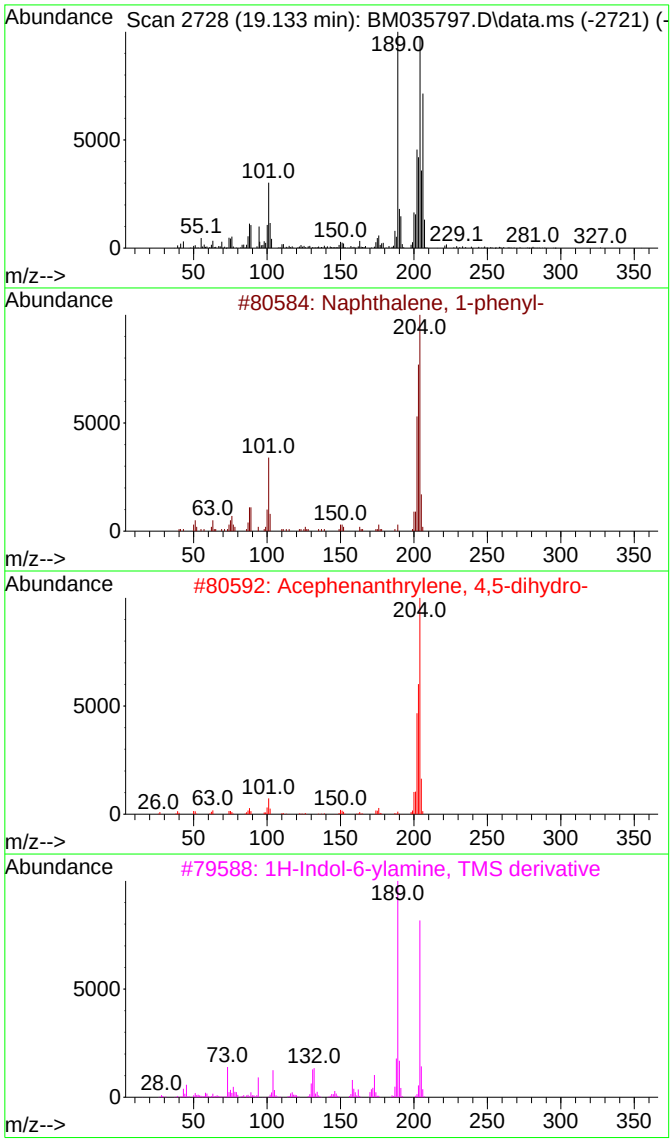
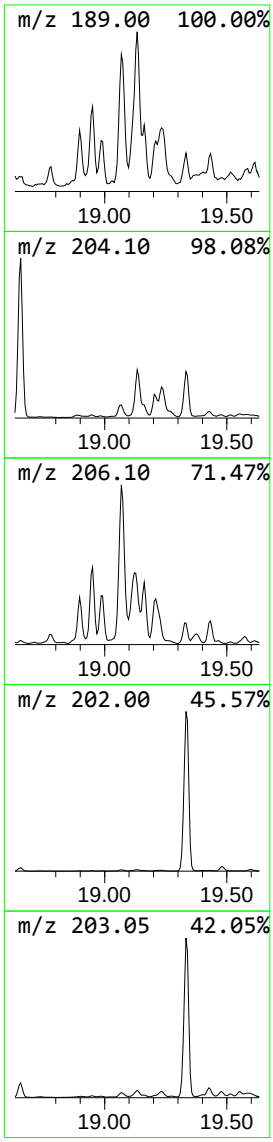
Peak Number 14 unknown19.133 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.133	7.96 ng	1588220	Phenanthrene-d10	17.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	47
2	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	46
3	1H-Indol-6-ylamine, TMS derivative	204	C11H16N2Si	1000484-86-1	43
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	43
5	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	42





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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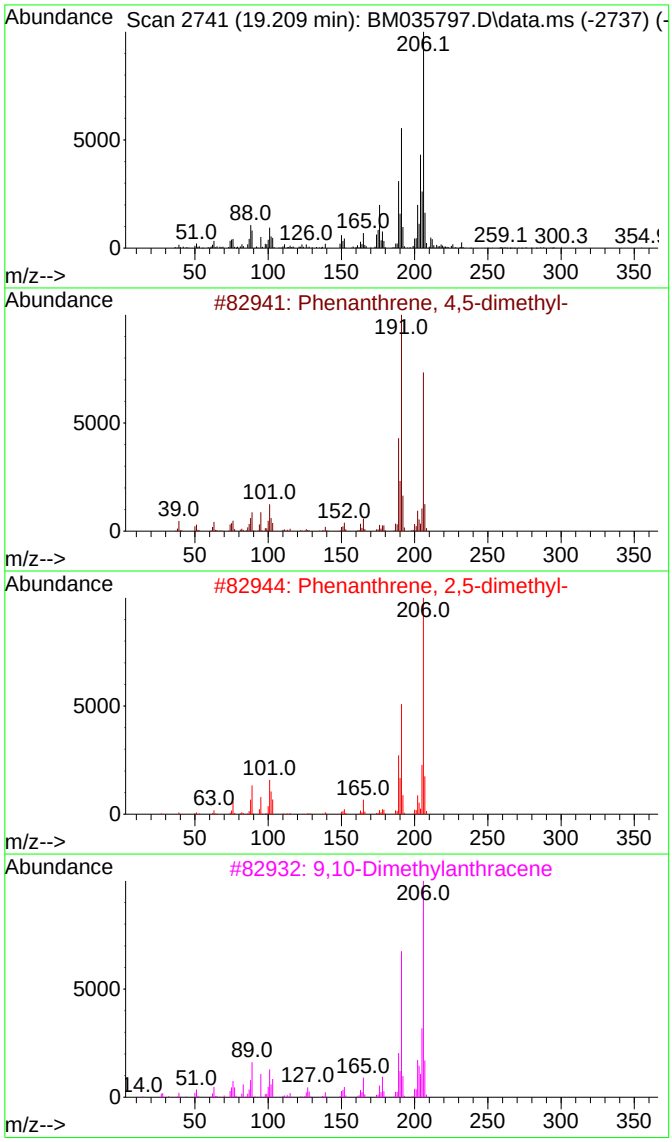
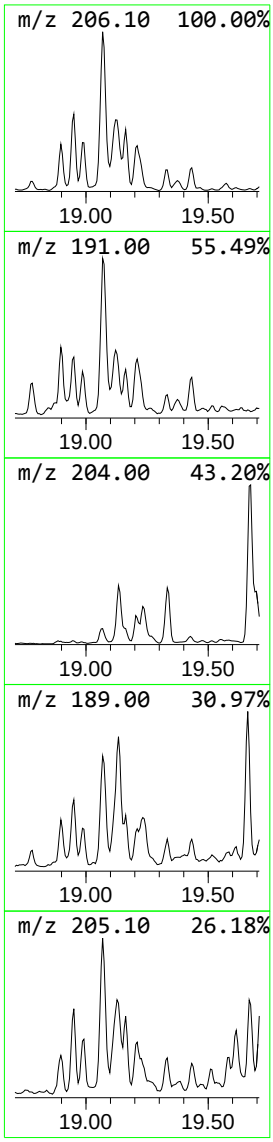
Peak Number 15 Phenanthrene, 4,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.209	5.67 ng	1130120	Phenanthrene-d10	17.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	83
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	83
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	78





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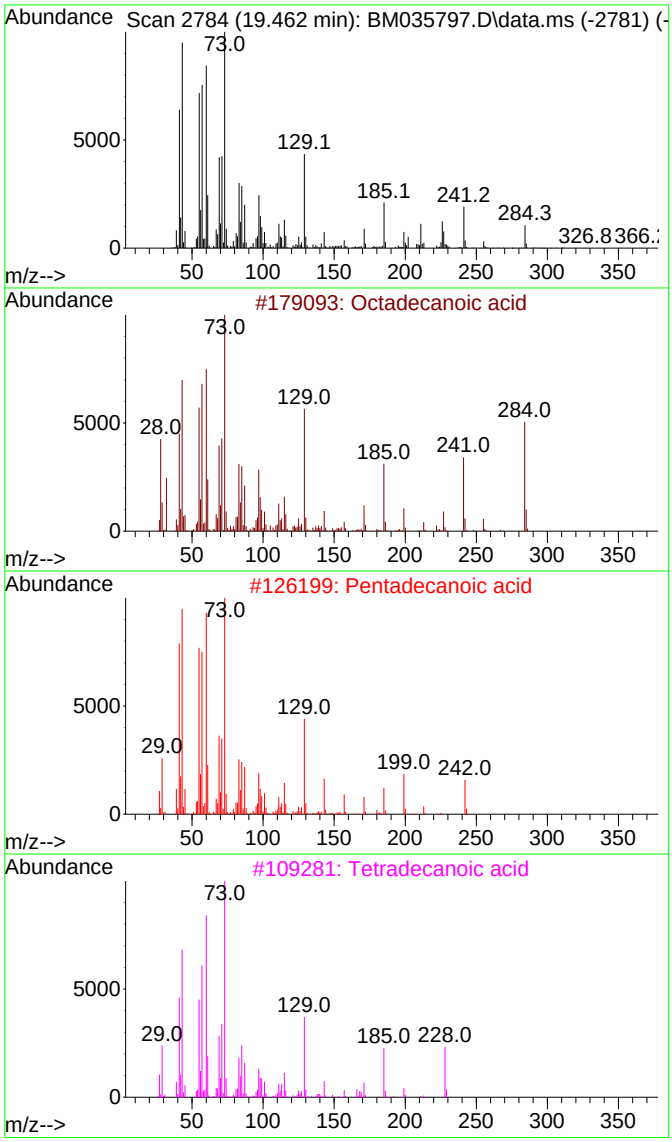
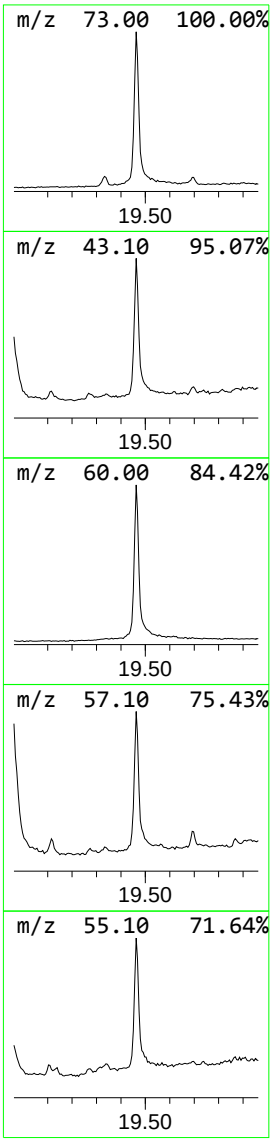
Peak Number 16 Octadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.462	4.03 ng	2489510	Chrysene-d12	21.456

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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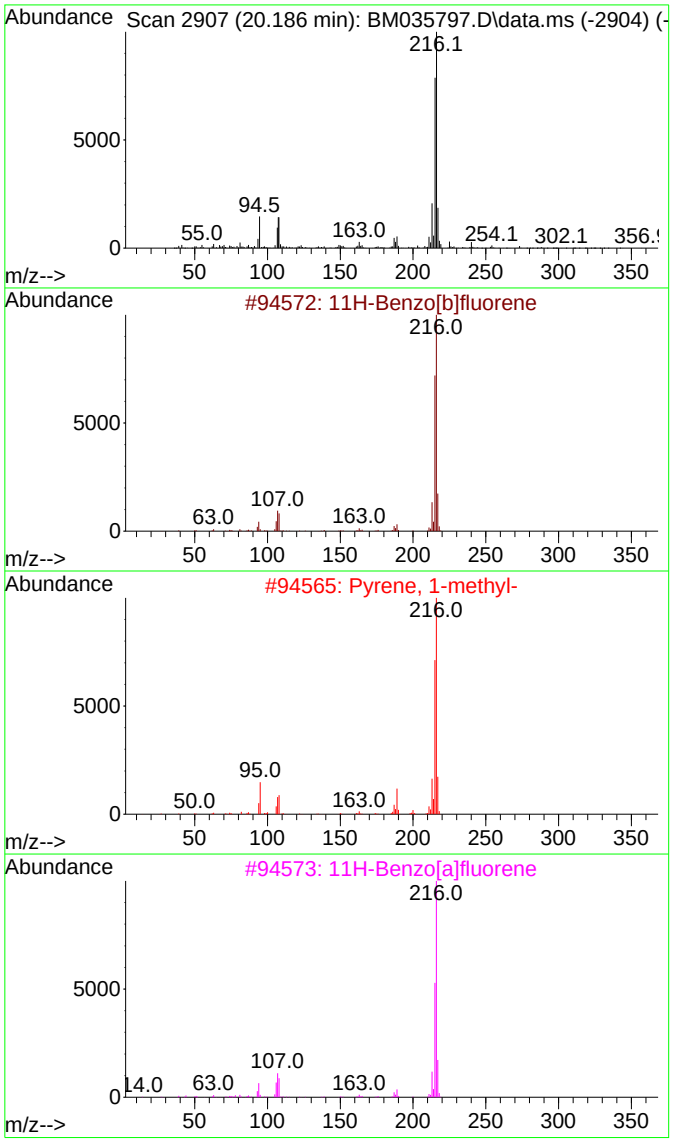
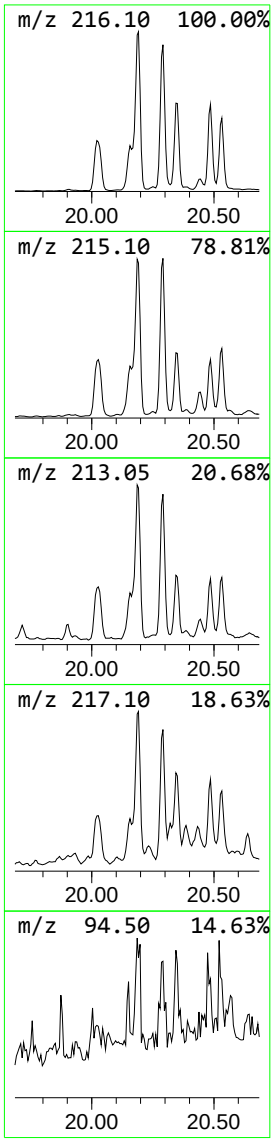
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.186	5.03 ng	3108830	Chrysene-d12	21.456

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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Data File : BM035797.D
Acq On : 13 Jul 2022 16:57
Operator : CG/JU
Sample : N3645-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NB-08-070822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.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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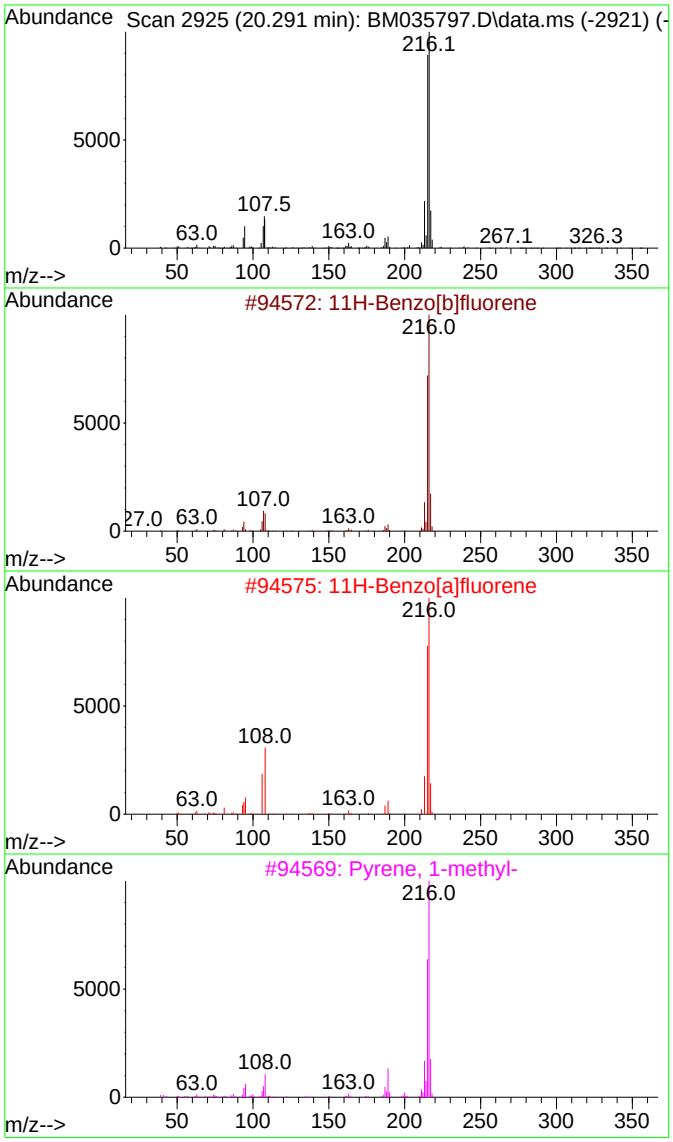
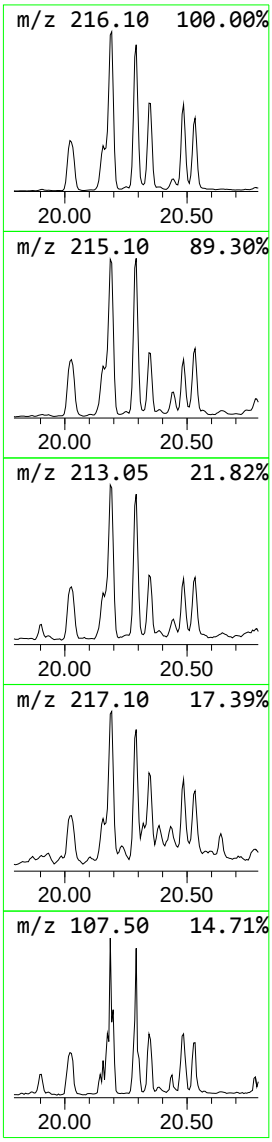
Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.291	3.76 ng	2319770	Chrysene-d12	21.456

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071322\
Data File : BM035797.D
Acq On : 13 Jul 2022 16:57
Operator : CG/JU
Sample : N3645-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NB-08-070822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.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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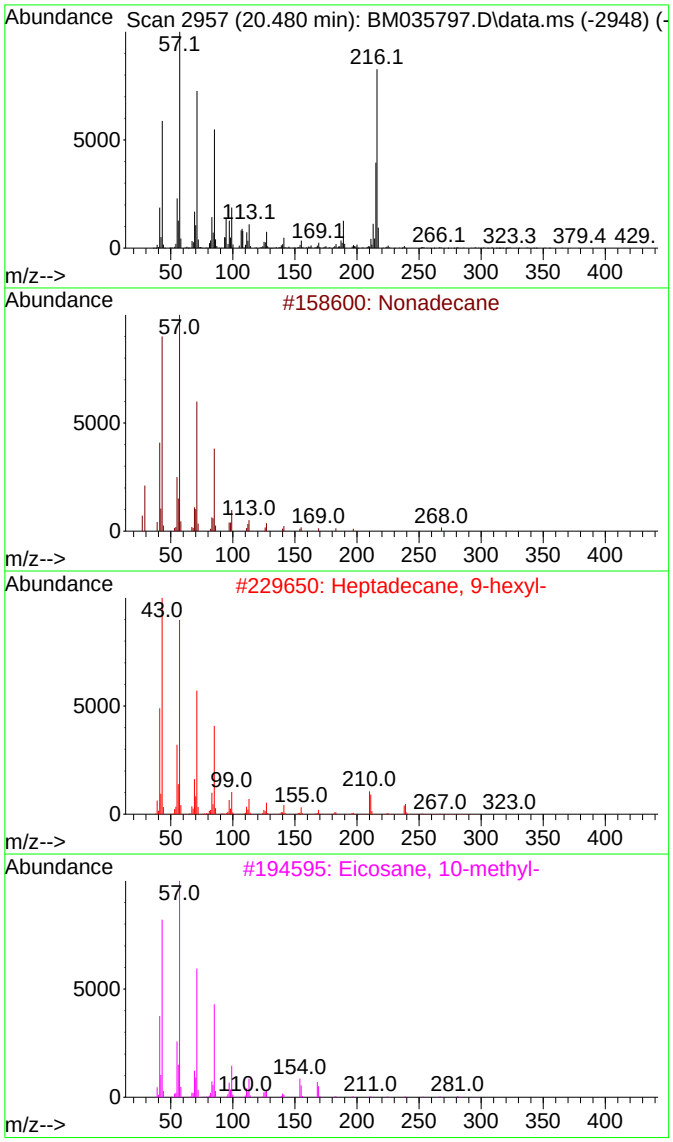
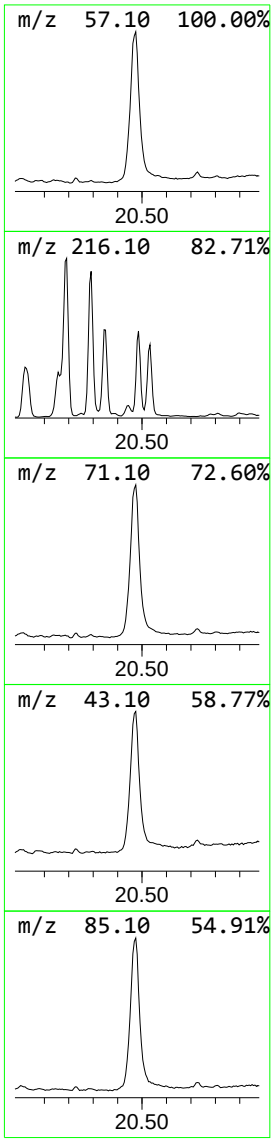
Peak Number 19 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.480	10.08 ng	6224360	Chrysene-d12	21.456

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	83
2	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	55
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	55
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	55
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071322\
Data File : BM035797.D
Acq On : 13 Jul 2022 16:57
Operator : CG/JU
Sample : N3645-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NB-08-070822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.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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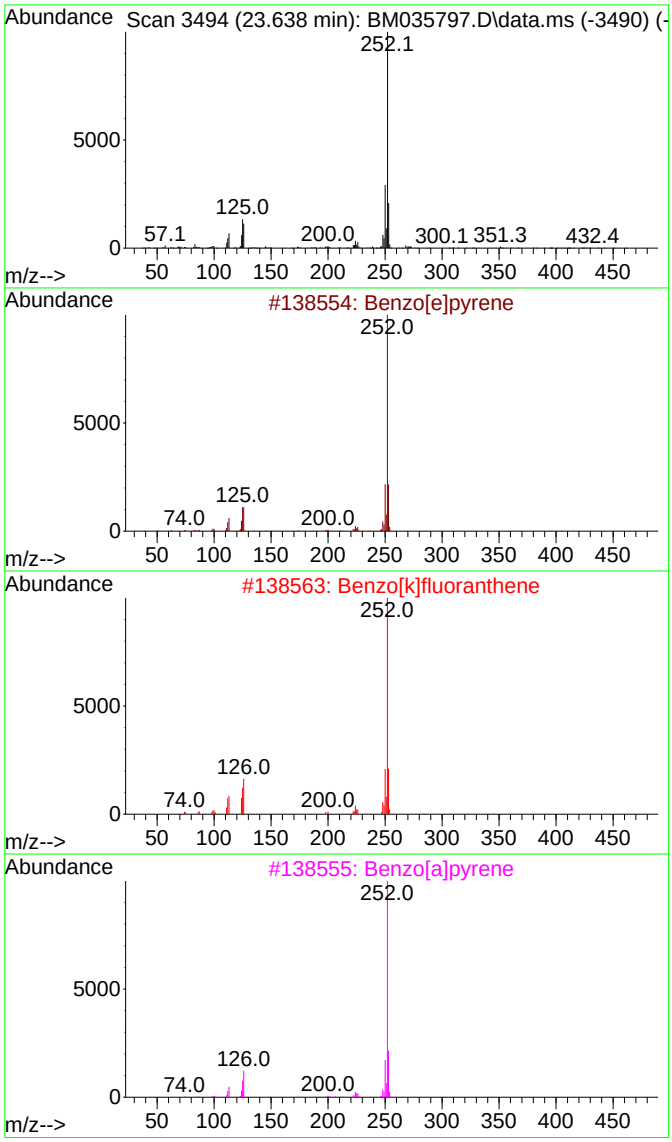
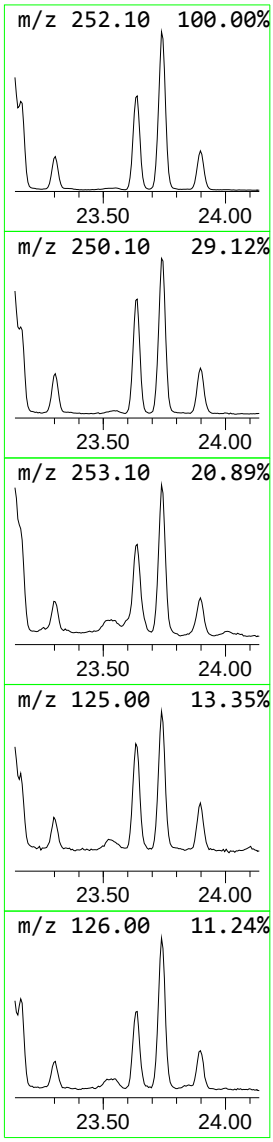
Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.638	19.14 ng	3236490	Perylene-d12	23.844

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071322\
Data File : BM035797.D
Acq On : 13 Jul 2022 16:57
Operator : CG/JU
Sample : N3645-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NB-08-070822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphthalene, 2,...	13.863	5.3	ng	986286	3	14.539	3760470	20.0
9H-Fluorene, 2-...	16.580	4.5	ng	900832	4	17.274	3988490	20.0
Dibenzothiophene	17.092	6.8	ng	1366680	4	17.274	3988490	20.0
Phenanthrene, 2...	18.156	12.4	ng	2466700	4	17.274	3988490	20.0
Phenanthrene, 1...	18.198	22.7	ng	4531280	4	17.274	3988490	20.0
Anthracene, 2-m...	18.280	5.3	ng	1049440	4	17.274	3988490	20.0
4H-Cyclopenta[d...	18.345	25.3	ng	5053520	4	17.274	3988490	20.0
Phenanthrene, 4...	18.386	7.7	ng	1536640	4	17.274	3988490	20.0
unknown18.492	18.492	3.8	ng	758675	4	17.274	3988490	20.0
Naphthalene, 2-...	18.656	6.4	ng	1273130	4	17.274	3988490	20.0
9,10-Anthracene...	18.686	5.4	ng	1083560	4	17.274	3988490	20.0
Hexacosane	18.903	22.0	ng	4389280	4	17.274	3988490	20.0
Phenanthrene, 2...	19.068	10.4	ng	2066090	4	17.274	3988490	20.0
unknown19.133	19.133	8.0	ng	1588220	4	17.274	3988490	20.0
Phenanthrene, 4...	19.209	5.7	ng	1130120	4	17.274	3988490	20.0
Octadecanoic acid	19.462	4.0	ng	2489510	5	21.456	12351800	20.0
11H-Benzo[b]flu...	20.186	5.0	ng	3108830	5	21.456	12351800	20.0
11H-Benzo[a]flu...	20.291	3.8	ng	2319770	5	21.456	12351800	20.0
Nonadecane	20.480	10.1	ng	6224360	5	21.456	12351800	20.0
Benzo[e]pyrene	23.638	19.1	ng	3236490	6	23.844	3382670	20.0