LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
Data File : BF133676.D
Acq On : 09 Jun 2023 15:15
Operator : CG\JU
Sample : 03051-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-251580

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_F\Methods\8270-BF060923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133676.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	3	9	16	rVB	365389	452599	18.04%	1.853%
2	5.063	500	506	516	rVB	38866	50392	2.01%	0.206%
3	5.457	567	573	576	rBV	2176540	2152831	85.81%	8.812%
4	6.463	738	744	747	rBV	1941128	2242821	89.39%	9.181%
5	6.834	804	807	810	rBV	690354	519902	20.72%	2.128%
6	7.398	898	903	906	rBV	1478198	1440365	57.41%	5.896%
7	8.116	1021	1025	1028	rBV	784822	672011	26.79%	2.751%
8	9.198	1204	1209	1212	rBV	2999541	2508893	100.00%	10.270%
9	9.733	1297	1300	1304	rBV	64651	50364	2.01%	0.206%
10	9.875	1319	1324	1327	rBV	892196	716005	28.54%	2.931%
11	9.904	1327	1329	1333	rVB	71431	53214	2.12%	0.218%
12	10.075	1354	1358	1362	rBV2	41397	39654	1.58%	0.162%
13	10.422	1414	1417	1422	rBV	61571	54557	2.17%	0.223%
14	10.586	1441	1445	1449	rBV2	159807	154760	6.17%	0.633%
15	10.663	1454	1458	1462	rBV	1620555	1578217	62.90%	6.460%
16	10.786	1474	1479	1486	rVB4	38435	51806	2.06%	0.212%
17	10.974	1505	1511	1513	rBV3	21544	31001	1.24%	0.127%
18	11.163	1540	1543	1549	rBV	113513	111633	4.45%	0.457%
19	11.257	1556	1559	1564	rVB	37746	36882	1.47%	0.151%
20	11.363	1573	1577	1579	rBV	846538	704812	28.09%	2.885%
21	11.386	1579	1581	1585	rVV	530060	407089	16.23%	1.666%
22	11.439	1587	1590	1593	rVB	78452	62480	2.49%	0.256%
23	11.592	1611	1616	1618	rBV2	52046	53075	2.12%	0.217%
24	11.863	1657	1662	1664	rBV	111177	111490	4.44%	0.456%
25	11.892	1664	1667	1672	rVB	319714	274283	10.93%	1.123%
26	11.974	1678	1681	1684	rBV2	140530	153202	6.11%	0.627%
27	11.998	1684	1685	1690	rVB	79658	54325	2.17%	0.222%
28	12.163	1710	1713	1715	rBV	64879	57244	2.28%	0.234%
29	12.186	1715	1717	1720	rVB	86110	69004	2.75%	0.282%
30	12.345	1741	1744	1746	rBV	40098	38134	1.52%	0.156%
31	12.416	1753	1756	1759	rBV2	101686	101949	4.06%	0.417%
32	12.451	1759	1762	1764	rVV2	58608	65839	2.62%	0.270%
33	12.498	1768	1770	1775	rVV	79686	83245	3.32%	0.341%
34	12.580	1780	1784	1787	rVV	942022	761934	30.37%	3.119%
35	12.674	1797	1800	1802	rBV	53867	44771	1.78%	0.183%
36	12.810	1817	1823	1826	rBV	751800	777489	30.99%	3.183%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
Data File : BF133676.D
Acq On : 09 Jun 2023 15:15
Operator : CG\JU
Sample : 03051-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-251580

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_F\Methods\8270-BF060923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.857	1828	1831	1835	rVB3	44509	63965	2.55%	0.262%
38	12.927	1839	1843	1844	rBV2	46343	49111	1.96%	0.201%
39	12.957	1844	1848	1851	rVV	2422682	2100736	83.73%	8.599%
40	13.021	1854	1859	1863	rBV3	77937	121640	4.85%	0.498%
41	13.110	1871	1874	1875	rBV2	55099	49946	1.99%	0.204%
42	13.133	1876	1878	1882	rVB	98820	100557	4.01%	0.412%
43	13.186	1882	1887	1888	rBV2	38416	48576	1.94%	0.199%
44	13.204	1888	1890	1892	rVB	72195	50692	2.02%	0.208%
45	13.239	1892	1896	1899	rBV2	98223	103671	4.13%	0.424%
46	13.333	1909	1912	1915	rBV	78530	62604	2.50%	0.256%
47	13.363	1915	1917	1921	rVB	55437	48808	1.95%	0.200%
48	13.527	1940	1945	1953	rBV7	47658	107395	4.28%	0.440%
49	13.645	1962	1965	1969	rVB	80963	90732	3.62%	0.371%
50	13.757	1978	1984	1987	rBV3	78756	123876	4.94%	0.507%
51	13.786	1987	1989	1991	rVV	62584	51553	2.05%	0.211%
52	13.810	1991	1993	1998	rVV2	51718	68989	2.75%	0.282%
53	13.851	1998	2000	2003	rVB2	81316	70424	2.81%	0.288%
54	13.892	2003	2007	2011	rBV3	32190	58134	2.32%	0.238%
55	14.010	2019	2027	2029	rBV3	600794	941875	37.54%	3.855%
56	14.033	2029	2031	2037	rVB	367018	325450	12.97%	1.332%
57	14.392	2088	2092	2095	rVB	69845	85415	3.40%	0.350%
58	14.427	2095	2098	2102	rVB2	61670	65052	2.59%	0.266%
59	14.480	2102	2107	2111	rBV5	62469	97300	3.88%	0.398%
60	14.515	2111	2113	2115	rBV2	49630	50489	2.01%	0.207%
61	14.539	2115	2117	2121	rVB4	31951	35559	1.42%	0.146%
62	14.786	2156	2159	2162	rBV5	31591	36302	1.45%	0.149%
63	14.874	2170	2174	2175	rBV2	31295	41916	1.67%	0.172%
64	14.957	2186	2188	2191	rVB	37247	30441	1.21%	0.125%
65	15.045	2198	2203	2206	rBV	392300	559473	22.30%	2.290%
66	15.121	2213	2216	2219	rBV	54849	56038	2.23%	0.229%
67	15.157	2219	2222	2225	rVB	65912	68425	2.73%	0.280%
68	15.351	2250	2255	2261	rVB	260293	330201	13.16%	1.352%
69	15.410	2261	2265	2271	rVB	271086	334229	13.32%	1.368%
70	15.474	2271	2276	2279	rBV	353527	434038	17.30%	1.777%
71	15.504	2279	2281	2287	rVB2	101427	131814	5.25%	0.540%
72	15.827	2334	2336	2344	rVB4	27168	40379	1.61%	0.165%
73	15.945	2352	2356	2362	rVB2	60518	86270	3.44%	0.353%
74	16.751	2489	2493	2494	rBV2	23080	30585	1.22%	0.125%
75	16.933	2518	2524	2533	rVB2	131029	262229	10.45%	1.073%
76	17.374	2593	2599	2610	rVB	106153	213448	8.51%	0.874%

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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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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_F\Methods\8270-BF060923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	17.609	2634	2639	2645	rBV2	26416	63145	2.52%	0.258%

Sum of corrected areas: 24429754

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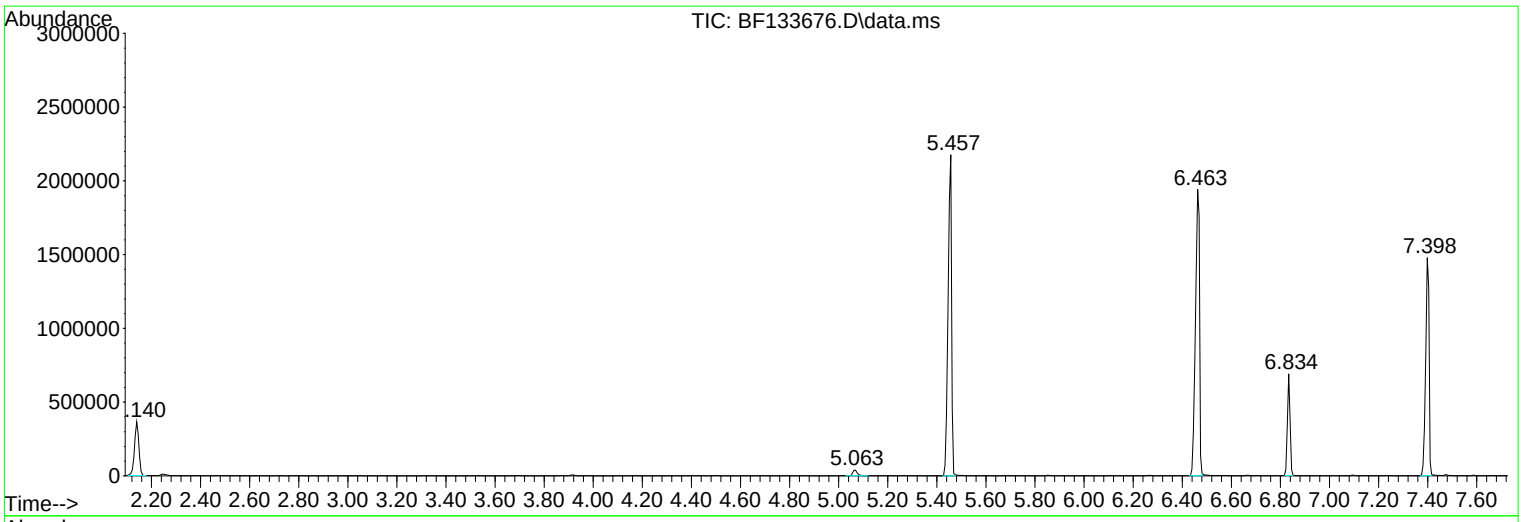
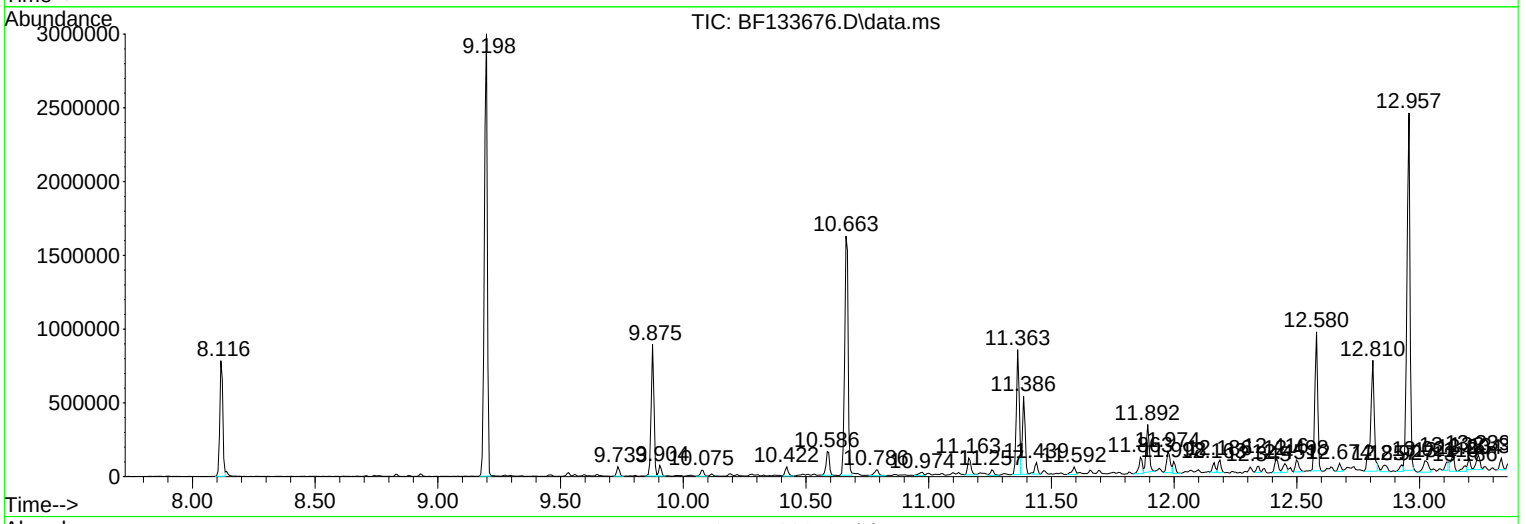
Sample : 03051-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

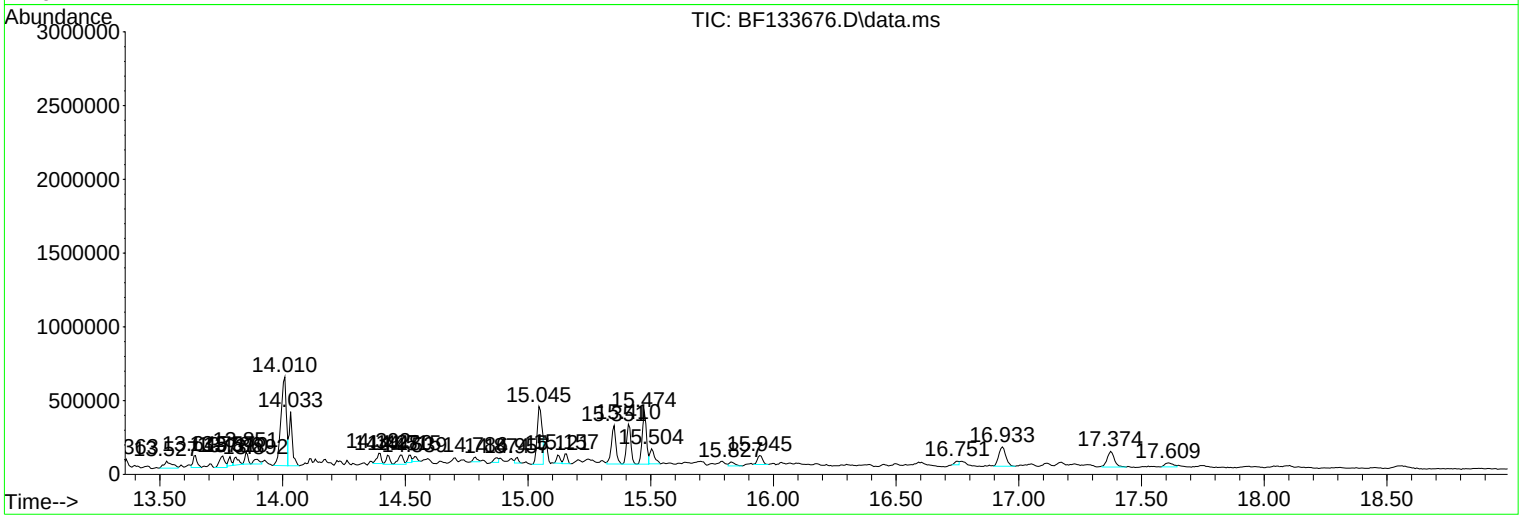
Instrument :
BNA_F
ClientSampleId :
RBR-251580

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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_F\Data\BF060923\
Data File : BF133676.D
Acq On : 09 Jun 2023 15:15
Operator : CG\JU
Sample : 03051-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-251580

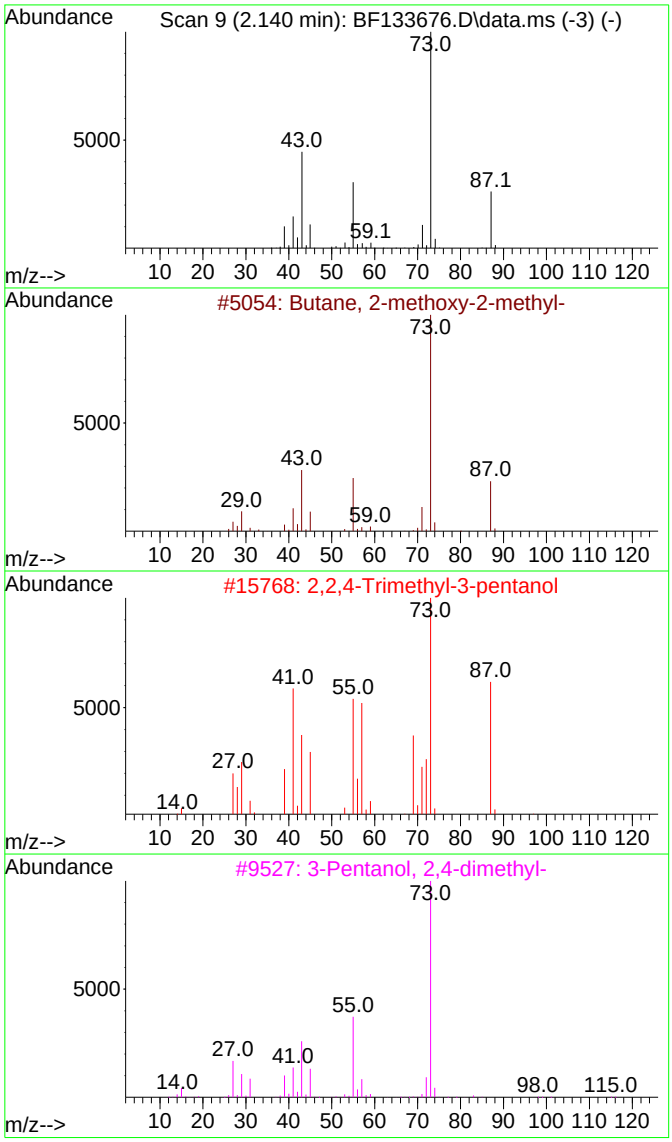
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

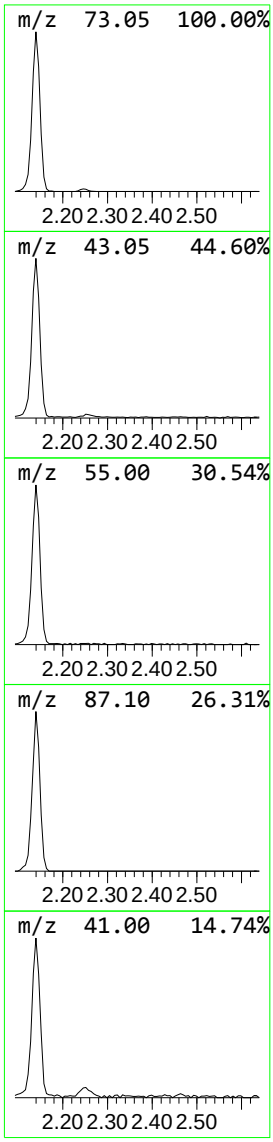
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.140	17.41 ng	452599	1,4-Dichlorobenzene-d4	6.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
Data File : BF133676.D
Acq On : 09 Jun 2023 15:15
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

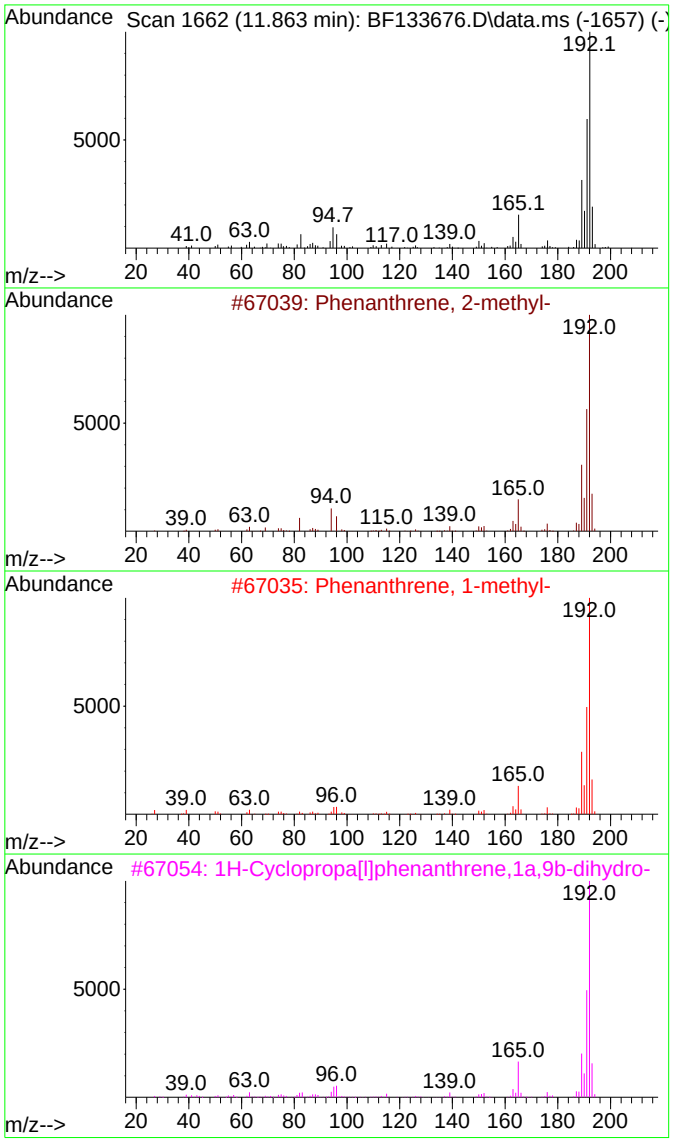
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

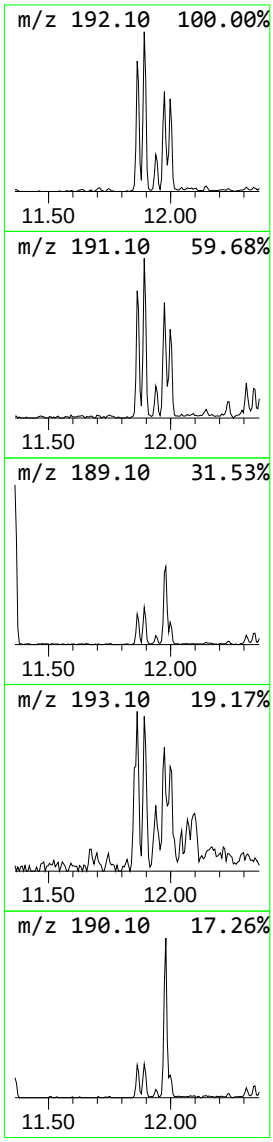
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	3.16 ng	111490	Phenanthrene-d10	11.363

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93





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ALS Vial : 4 Sample Multiplier: 1

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BNA_F
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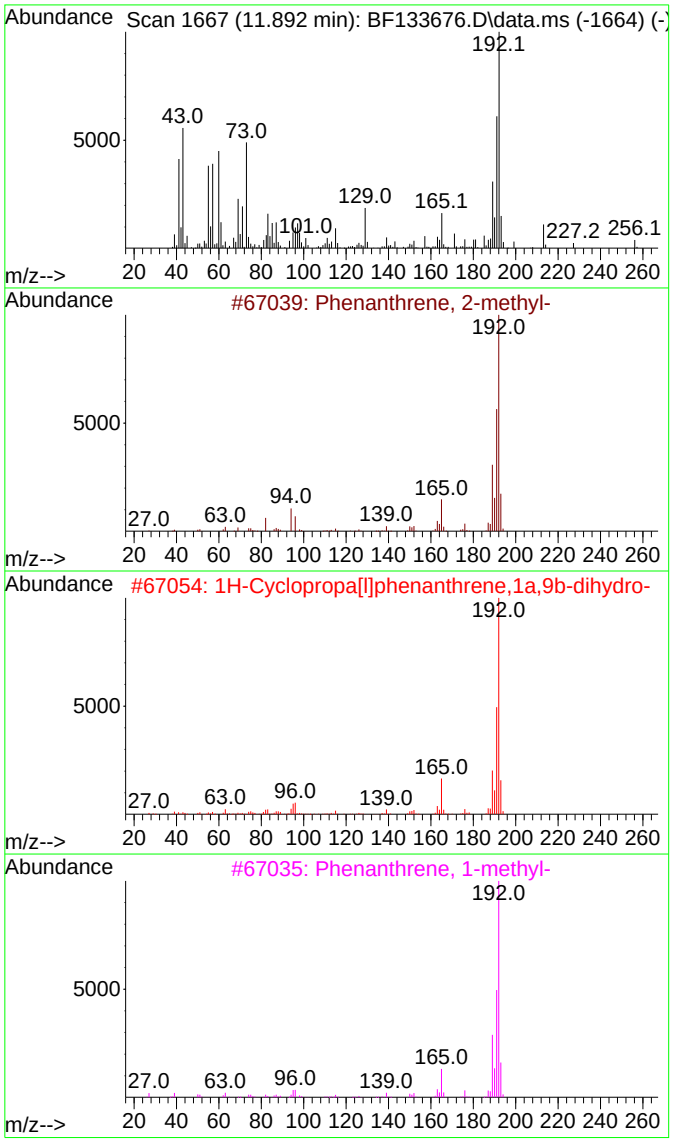
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

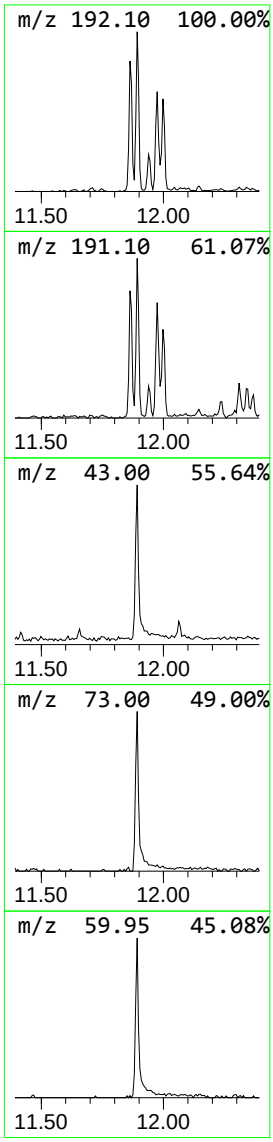
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	7.78 ng	274283	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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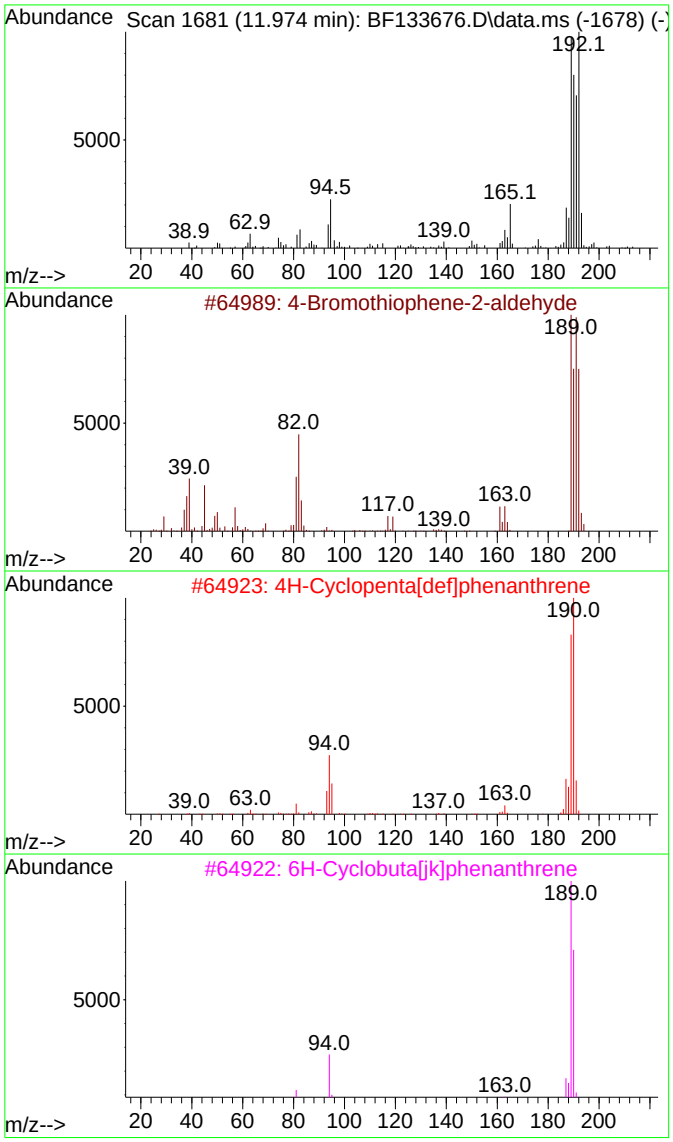
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

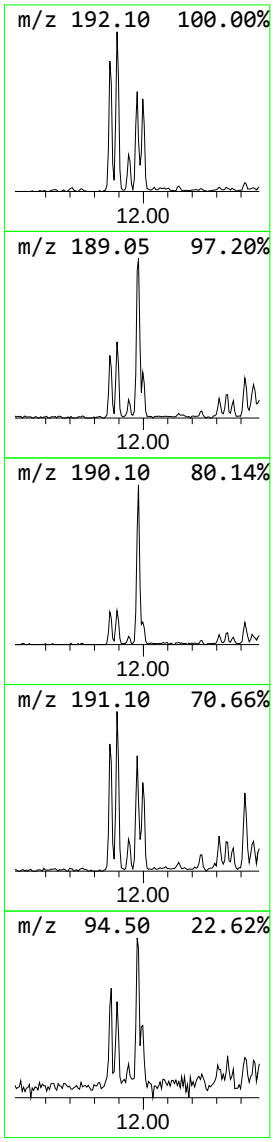
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 4-Bromothiophene-2-aldehyde Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.974	4.35 ng	153202	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	58
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
Data File : BF133676.D
Acq On : 09 Jun 2023 15:15
Operator : CG\JU
Sample : 03051-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-251580

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

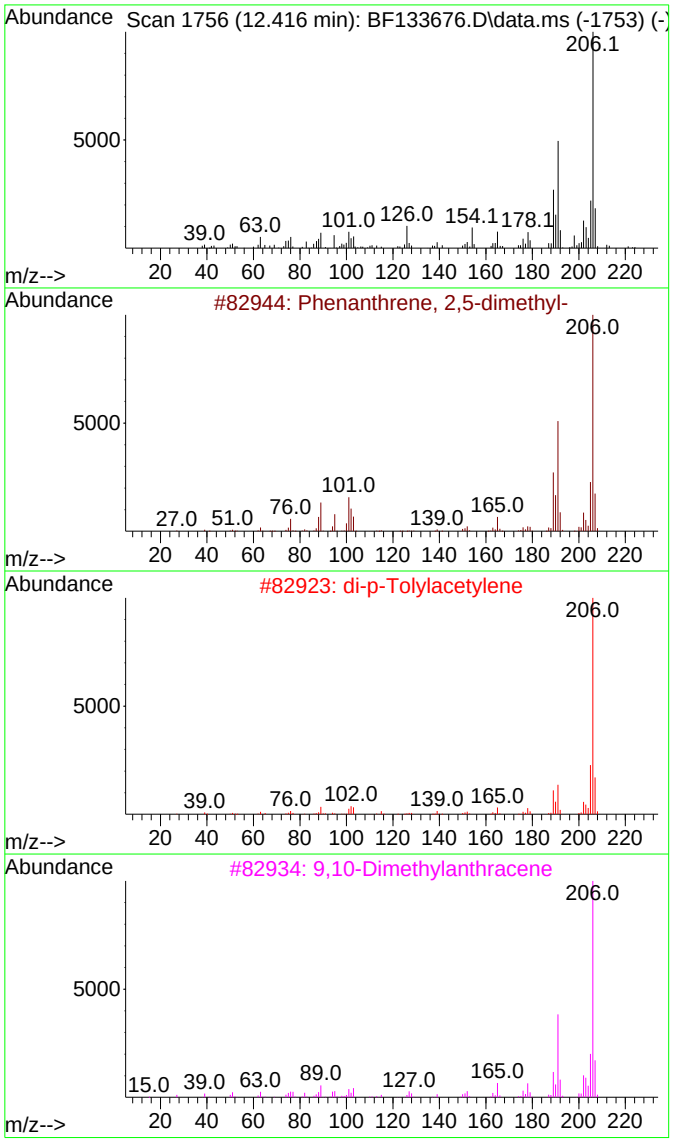
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

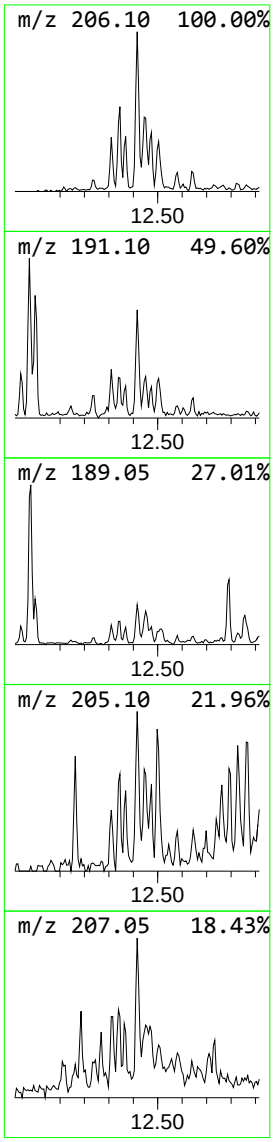
****

Peak Number 5 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	2.89 ng	101949	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
Data File : BF133676.D
Acq On : 09 Jun 2023 15:15
Operator : CG\JU
Sample : 03051-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

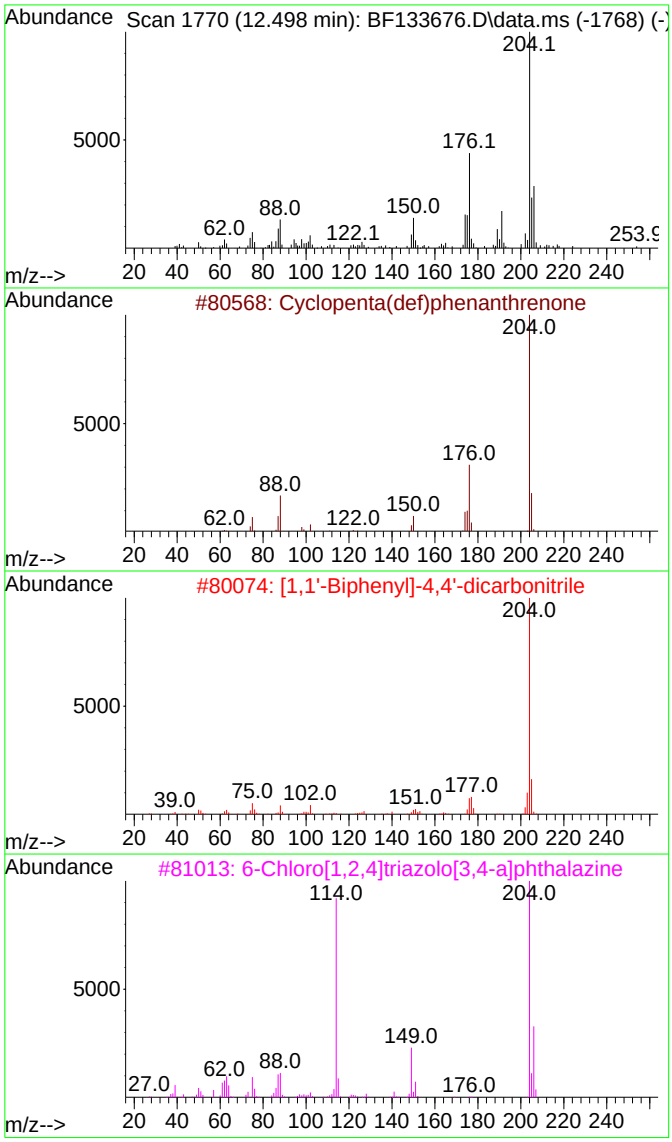
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

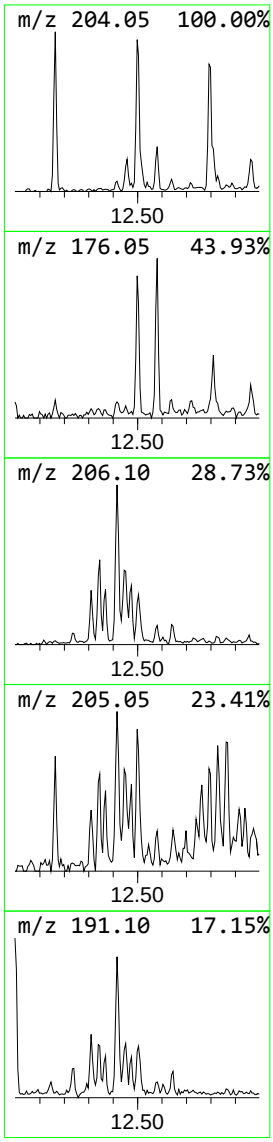
****

Peak Number 6 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.498	2.36 ng	83245	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	81
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43
3	6-Chloro[1,2,4]triazolo[3,4-a]ph...	204	C9H5ClN4	052494-53-8	43
4	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	42
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	38





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Acq On : 09 Jun 2023 15:15
Operator : CG\JU
Sample : 03051-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RBR-251580

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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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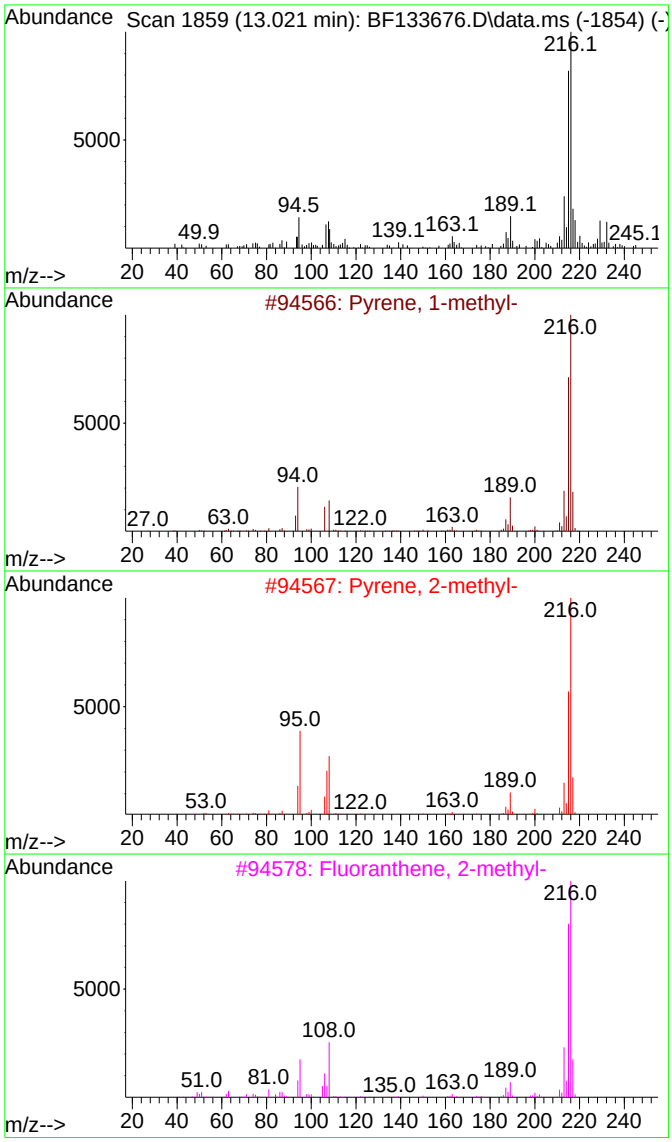
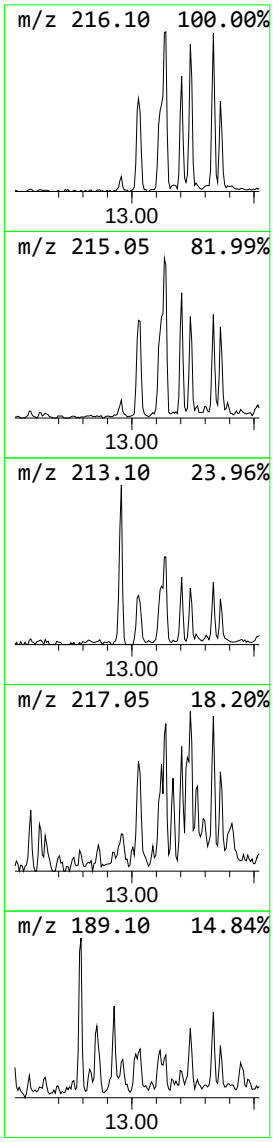
Peak Number 7 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.021	2.58 ng	121640	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70





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Sample : 03051-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RBR-251580

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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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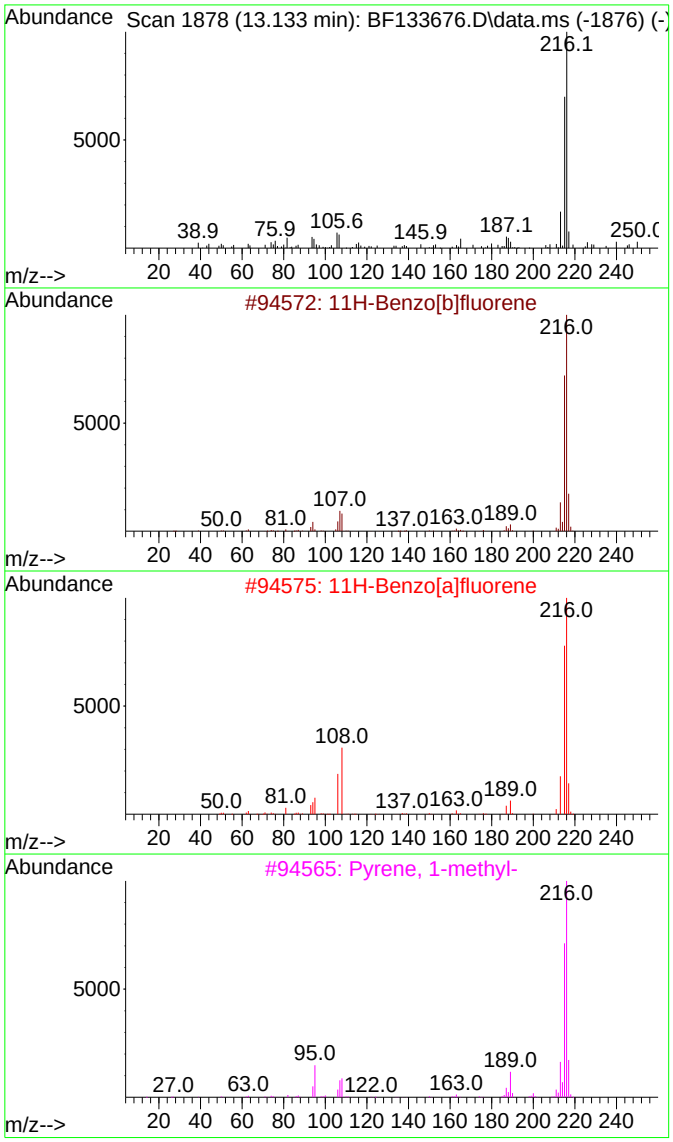
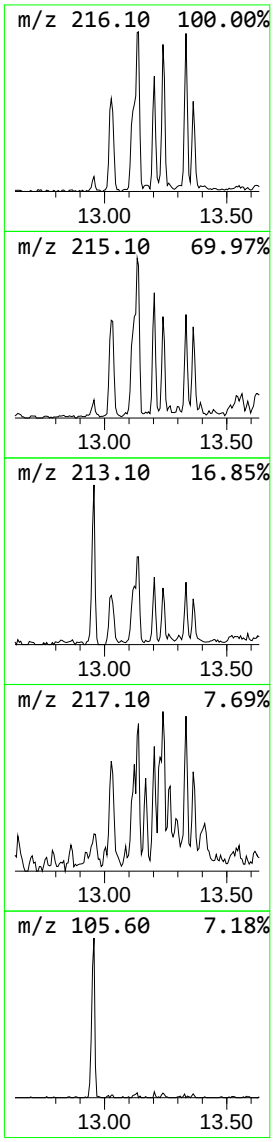
Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.133	2.14 ng	100557	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
4	3-Trifluoromethylcinnamic acid	216	C10H7F3O2	000779-89-5	56
5	trans-p-(Trifluoromethyl)cinnami...	216	C10H7F3O2	016642-92-5	56





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Misc :
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Instrument :
BNA_F
ClientSampleId :
RBR-251580

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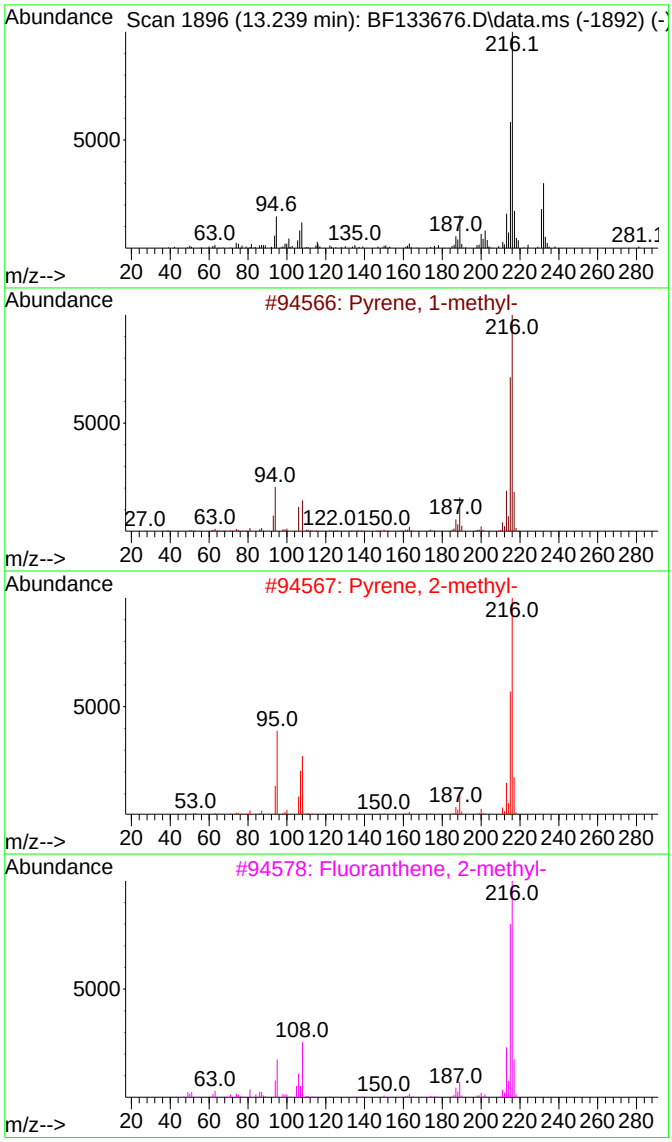
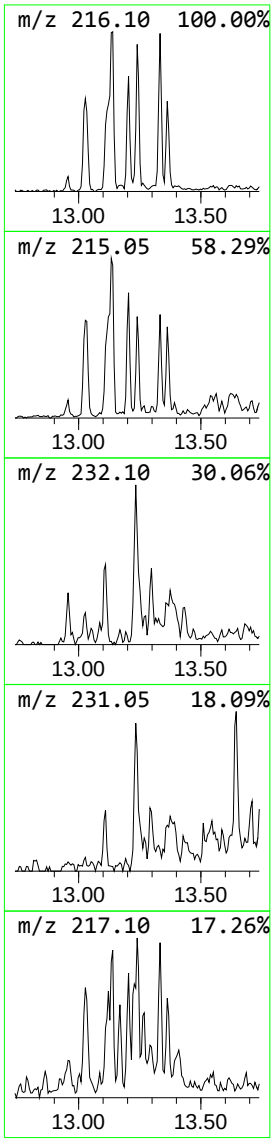
Peak Number 9 Pyrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.239	2.20 ng	103671	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70





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Acq On : 09 Jun 2023 15:15
Operator : CG\JU
Sample : 03051-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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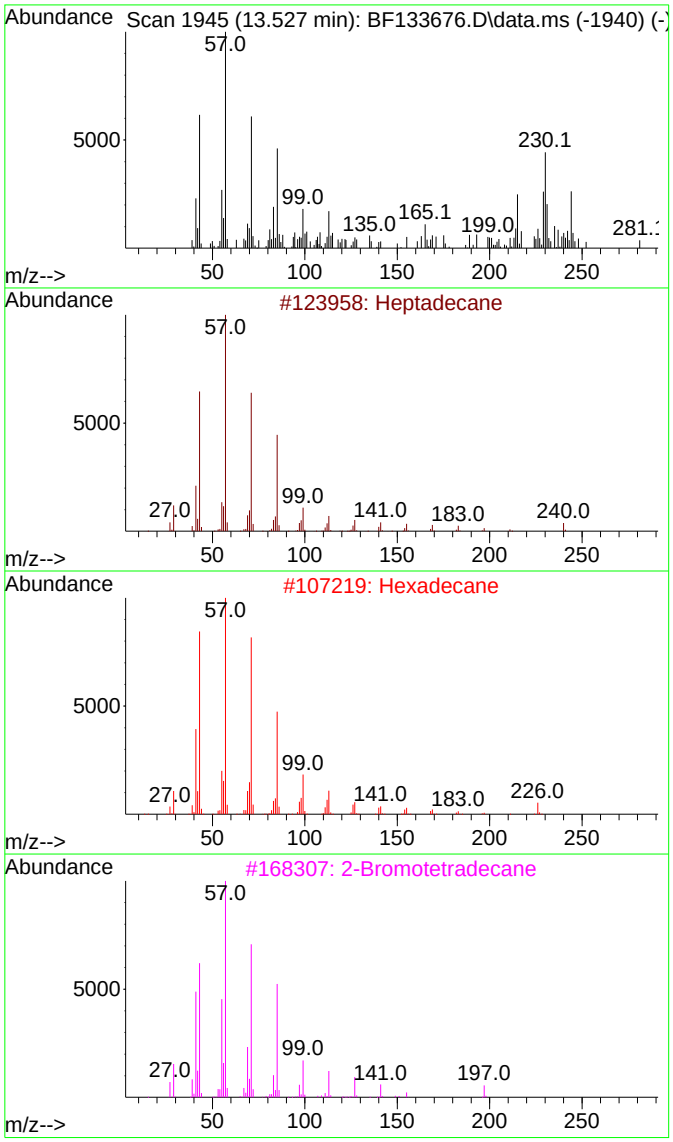
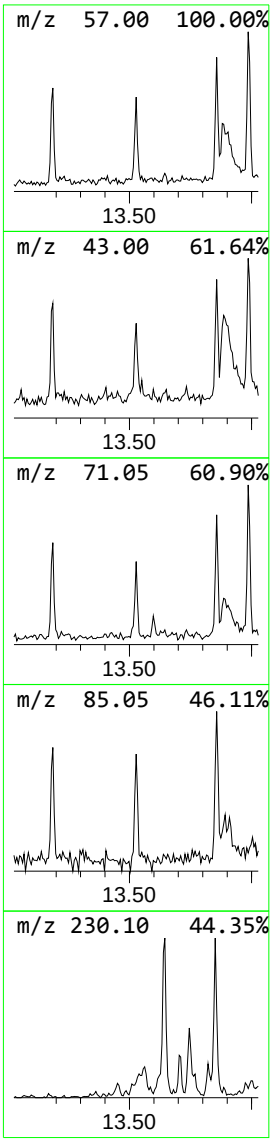
Peak Number 10 Heptadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.527	2.28 ng	107395	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	51
2	Hexadecane	226	C16H34	000544-76-3	40
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	25
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	25
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	25





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Sample : 03051-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-251580

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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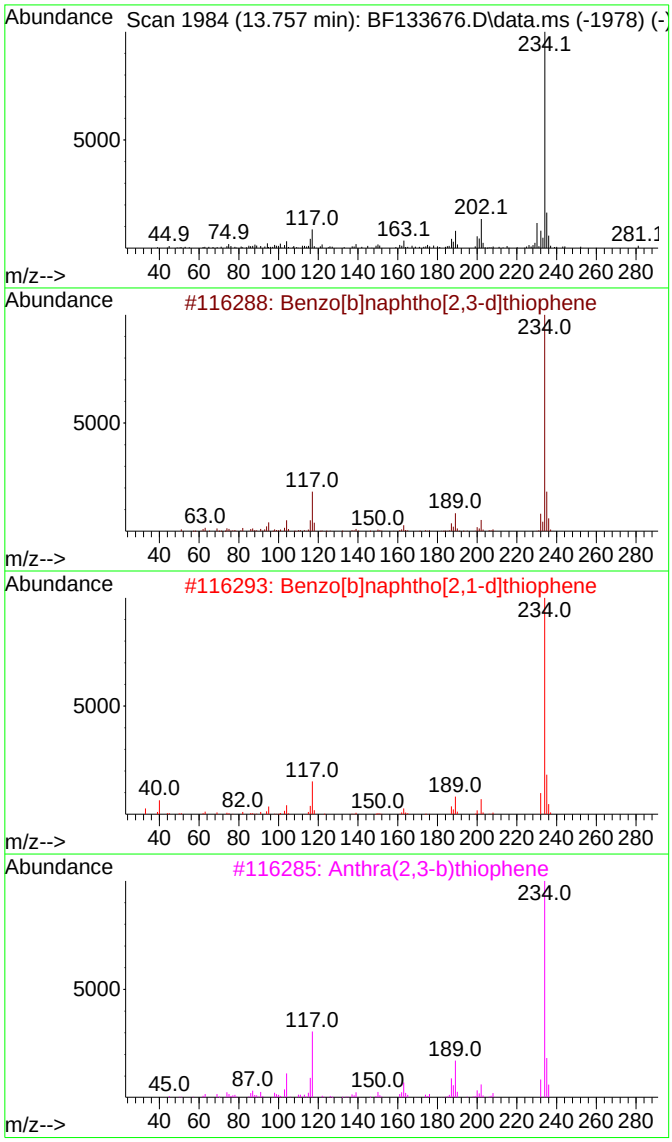
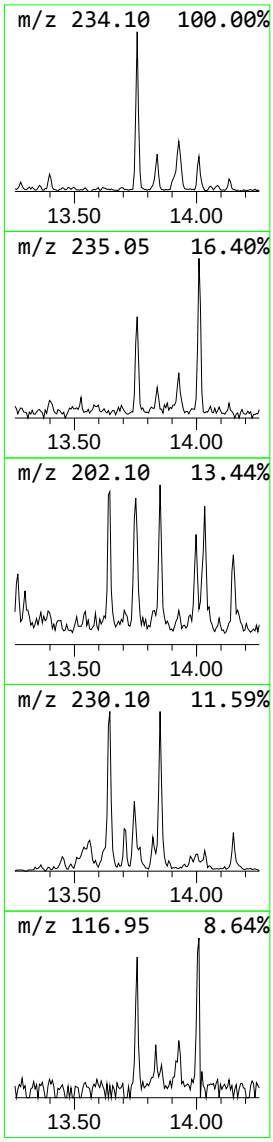
Peak Number 11 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.757	2.63 ng	123876	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	89
3	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	89
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	81
5	4-Thiazoline, 4-(benzo[b]1,4-dio...	234	C11H10N2O2S	105362-06-9	53





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Acq On : 09 Jun 2023 15:15
Operator : CG\JU
Sample : 03051-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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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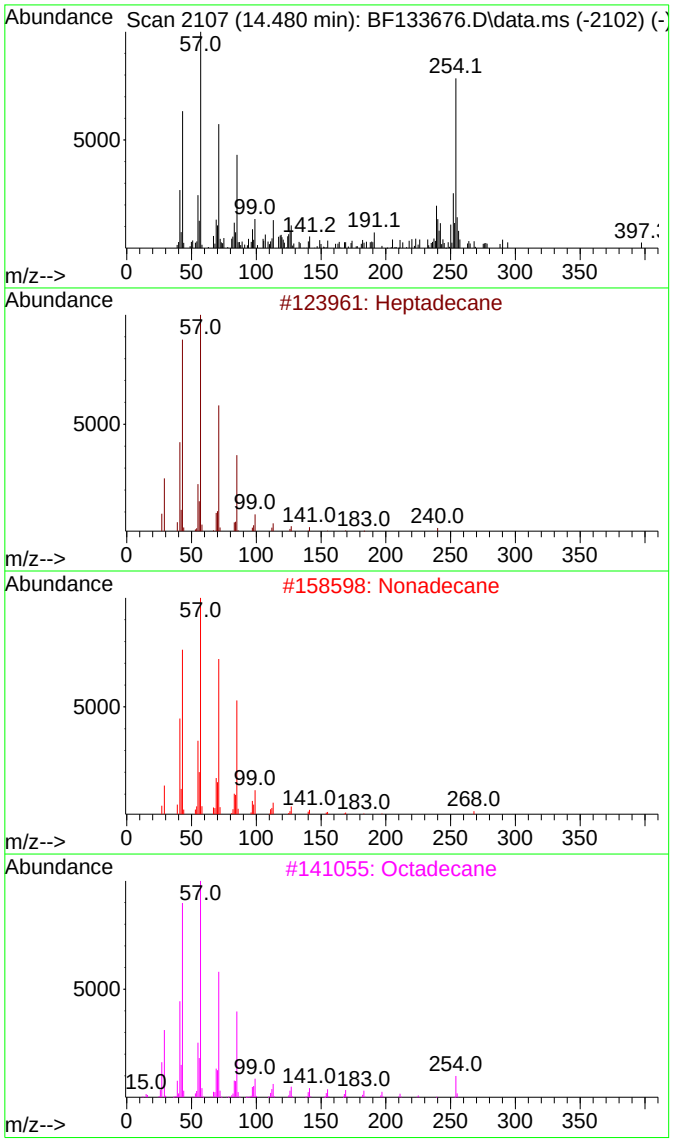
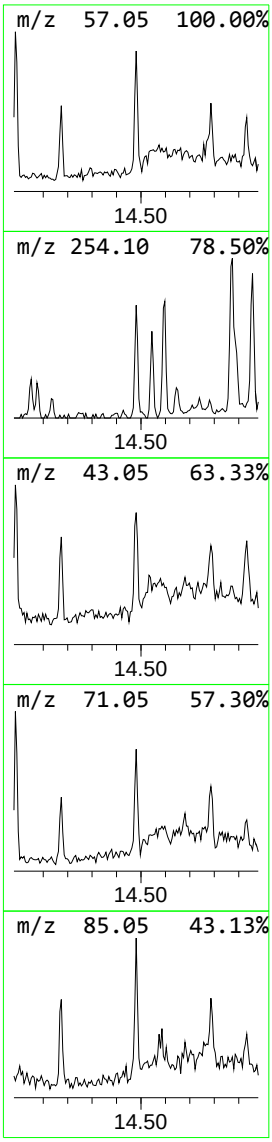
Peak Number 12 Nonadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.480	2.07 ng	97300	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	72
2	Nonadecane	268	C19H40	000629-92-5	68
3	Octadecane	254	C18H38	000593-45-3	64
4	Hexadecane	226	C16H34	000544-76-3	62
5	Benzo(e)pyrene, 9,10-dihydro-	254	C20H14	066788-01-0	46





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Acq On : 09 Jun 2023 15:15
Operator : CG\JU
Sample : 03051-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RBR-251580

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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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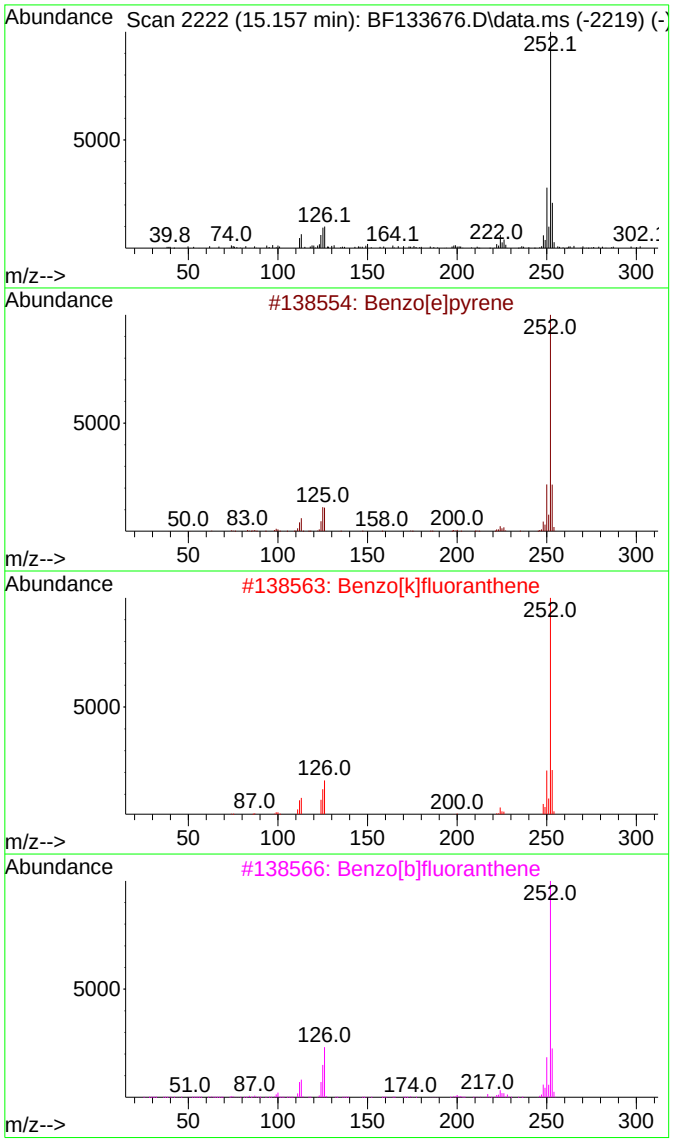
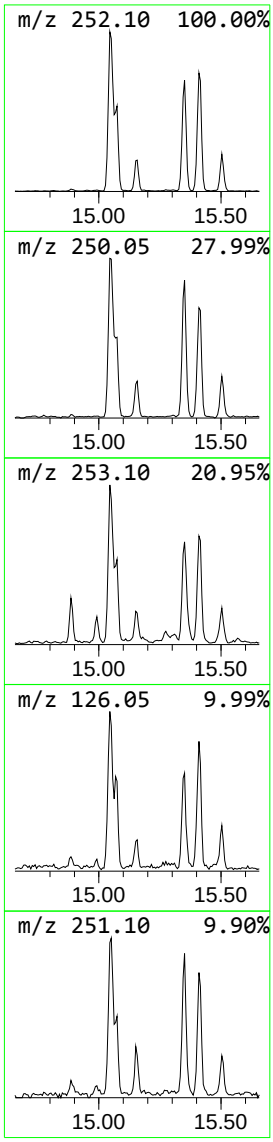
Peak Number 13 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.157	3.15 ng	68425	Perylene-d12	15.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81





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Sample : 03051-02
Misc :
ALS Vial : 4 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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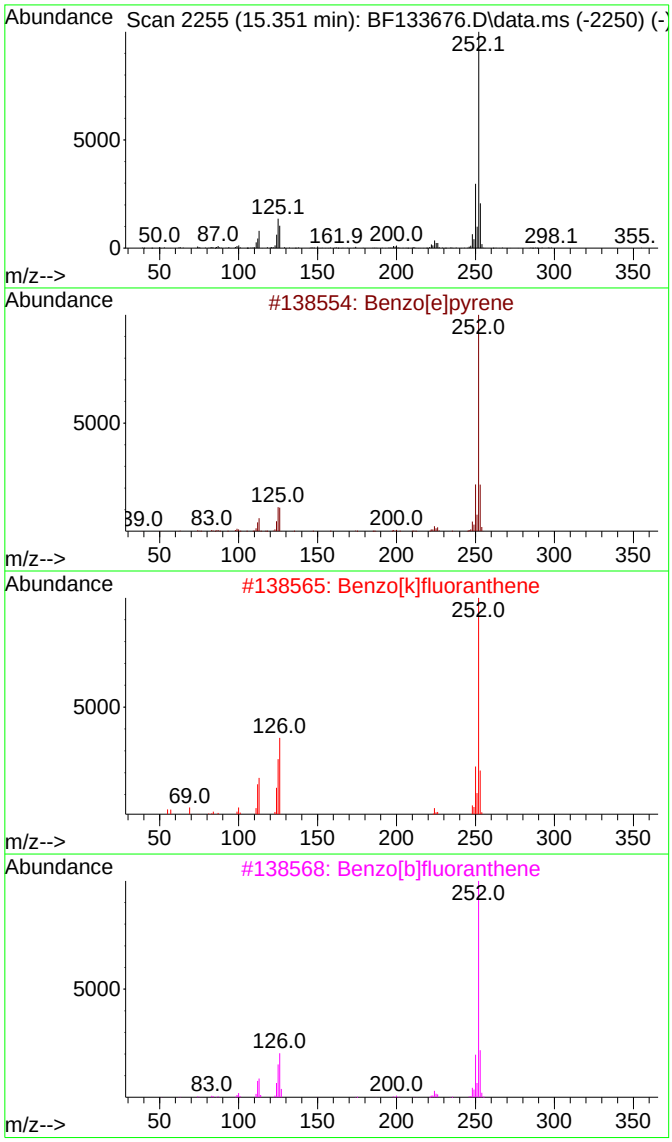
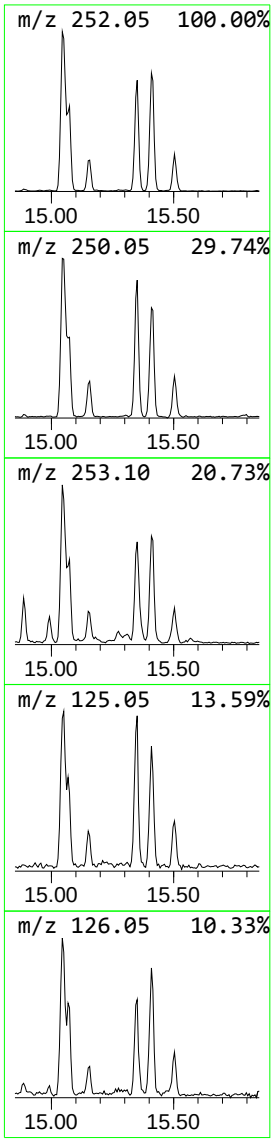
Peak Number 14 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.351	15.22 ng	330201	Perylene-d12	15.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	90





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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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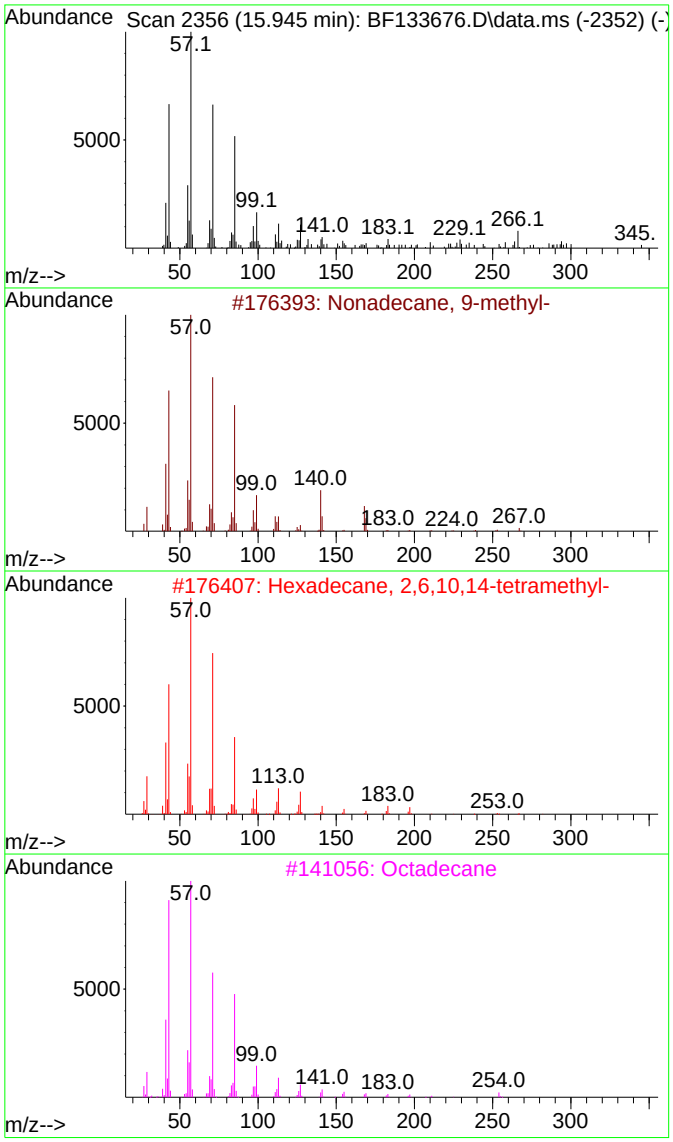
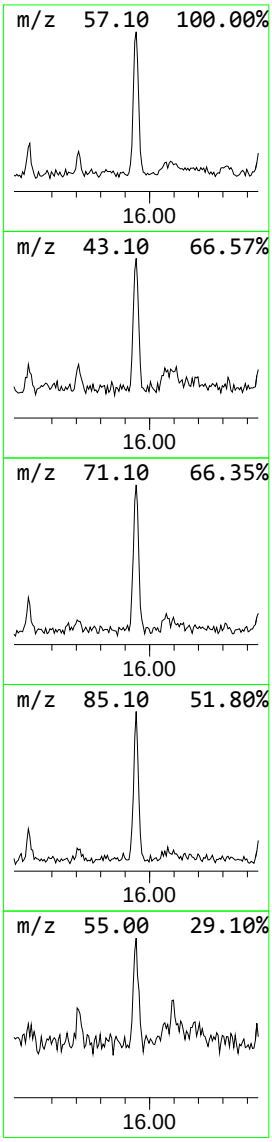
Peak Number 15 Nonadecane, 9-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.945	3.98 ng	86270	Perylene-d12	15.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3	Octadecane	254	C18H38	000593-45-3	87
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	83
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	80





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ALS Vial : 4 Sample Multiplier: 1

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

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

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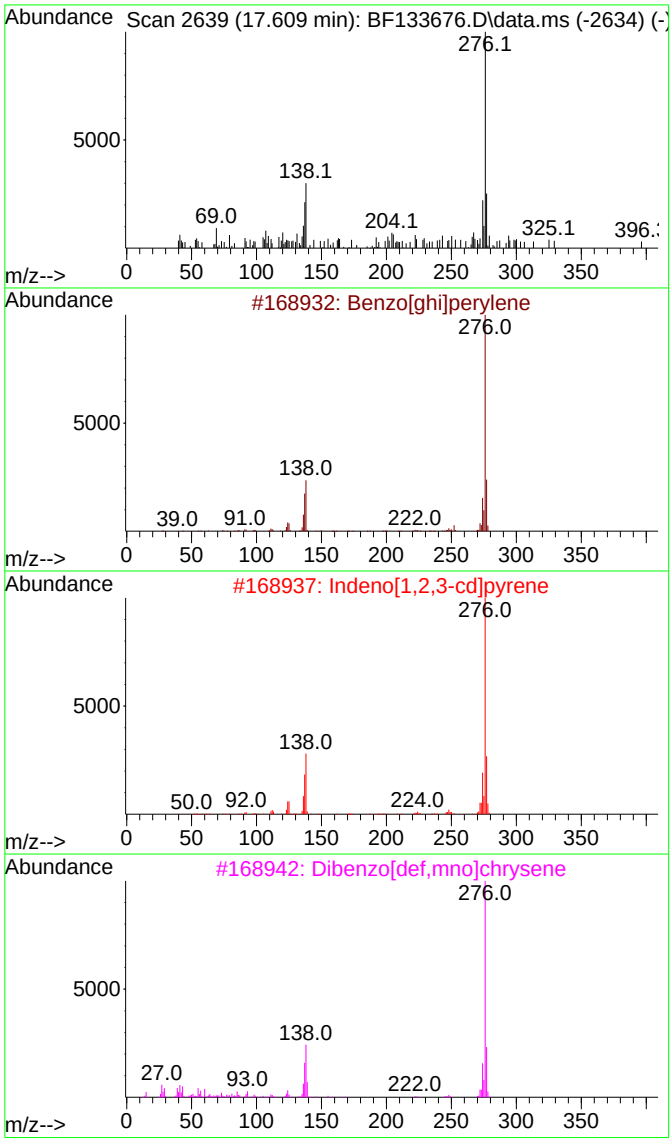
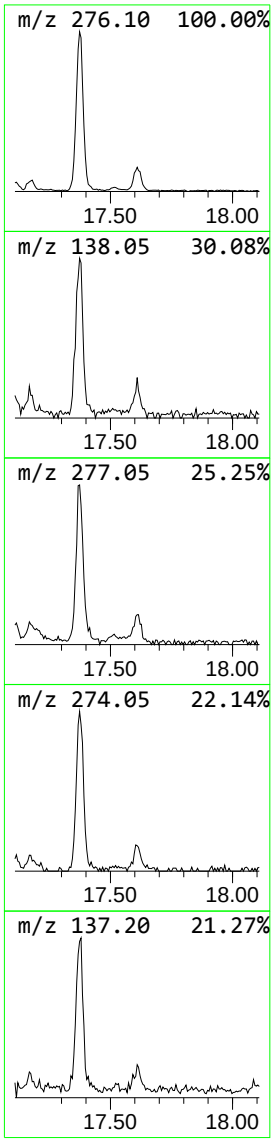
Peak Number 16 Dibenzo[def,mno]chrysene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.609	2.91 ng	63145	Perylene-d12	15.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	76
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	76
3	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	76
4	2-(p-Tolyl)oxazolo[4,5-c]quinoli...	276	C17H12N2O2	148563-22-8	38
5	2-Dodecyl-p-cresol	276	C19H32O	025912-91-8	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
Data File : BF133676.D
Acq On : 09 Jun 2023 15:15
Operator : CG\JU
Sample : 03051-02
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ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
RBR-251580

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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
Butane, 2-metho...	2.140	17.4	ng	452599	1	6.834	519902	20.0
Phenanthrene, 2...	11.863	3.2	ng	111490	4	11.363	704812	20.0
1H-Cyclopropa[l...	11.892	7.8	ng	274283	4	11.363	704812	20.0
4-Bromothiophen...	11.974	4.3	ng	153202	4	11.363	704812	20.0
Phenanthrene, 2...	12.416	2.9	ng	101949	4	11.363	704812	20.0
Cyclopenta(def)...	12.498	2.4	ng	83245	4	11.363	704812	20.0
Pyrene, 1-methyl-	13.021	2.6	ng	121640	5	14.010	941875	20.0
11H-Benzo[b]flu...	13.133	2.1	ng	100557	5	14.010	941875	20.0
Pyrene, 2-methyl-	13.239	2.2	ng	103671	5	14.010	941875	20.0
Heptadecane	13.527	2.3	ng	107395	5	14.010	941875	20.0
Benzo[b]naphtho...	13.757	2.6	ng	123876	5	14.010	941875	20.0
Nonadecane	14.480	2.1	ng	97300	5	14.010	941875	20.0
Benzo[e]pyrene	15.157	3.1	ng	68425	6	15.474	434038	20.0
Perylene	15.351	15.2	ng	330201	6	15.474	434038	20.0
Nonadecane, 9-m...	15.945	4.0	ng	86270	6	15.474	434038	20.0
Dibenzo[def,mno...	17.609	2.9	ng	63145	6	15.474	434038	20.0