LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
Data File : BF138046.D
Acq On : 28 May 2024 14:39
Operator : CG\JU
Sample : P2615-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR251686

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-BF051424.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138046.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.404	46	54	60	rBV	415122	550562	13.41%	1.212%
2	5.663	603	608	611	rBV	2965303	2953152	71.94%	6.502%
3	6.651	771	776	779	rBV	2812742	3140382	76.50%	6.914%
4	7.034	837	841	844	rBV	1121065	854749	20.82%	1.882%
5	7.598	931	937	940	rBV	2183256	2003335	48.80%	4.411%
6	7.834	972	977	986	rVB	83045	67020	1.63%	0.148%
7	8.204	1037	1040	1051	rBV	69113	107838	2.63%	0.237%
8	8.316	1055	1059	1062	rBV	1405093	1115826	27.18%	2.457%
9	8.622	1108	1111	1126	rVB	42804	74548	1.82%	0.164%
10	9.392	1238	1242	1245	rBV	4515478	4104951	100.00%	9.038%
11	9.939	1332	1335	1340	rVB2	54068	47211	1.15%	0.104%
12	10.080	1355	1359	1362	rBV	1493097	1118806	27.26%	2.463%
13	10.110	1362	1364	1368	rVV	196661	159616	3.89%	0.351%
14	10.163	1368	1373	1380	rVB4	73323	111015	2.70%	0.244%
15	10.286	1391	1394	1397	rVB	92114	88622	2.16%	0.195%
16	10.627	1449	1452	1458	rBV	207562	185288	4.51%	0.408%
17	10.786	1477	1479	1483	rVB	51786	44571	1.09%	0.098%
18	10.875	1489	1494	1497	rBV	2279760	2078913	50.64%	4.577%
19	10.975	1507	1511	1520	rVB7	35952	85080	2.07%	0.187%
20	11.180	1539	1546	1548	rBV2	58848	87941	2.14%	0.194%
21	11.374	1576	1579	1583	rVB	90734	83665	2.04%	0.184%
22	11.469	1593	1595	1601	rVB	103414	94651	2.31%	0.208%
23	11.574	1609	1613	1615	rBV	1030329	901660	21.97%	1.985%
24	11.604	1615	1618	1621	rVV	2001713	1748766	42.60%	3.850%
25	11.651	1623	1626	1629	rVV	465680	383414	9.34%	0.844%
26	11.680	1629	1631	1637	rVB	46309	61240	1.49%	0.135%
27	11.804	1647	1652	1657	rBV2	211158	220669	5.38%	0.486%
28	11.904	1666	1669	1674	rVB2	54119	56321	1.37%	0.124%
29	12.080	1695	1699	1702	rBV2	571021	655875	15.98%	1.444%
30	12.104	1702	1703	1708	rVV	349730	274054	6.68%	0.603%
31	12.157	1708	1712	1714	rVV	98971	102769	2.50%	0.226%
32	12.192	1714	1718	1720	rVV2	369348	402666	9.81%	0.887%
33	12.216	1720	1722	1726	rVB	170614	139491	3.40%	0.307%
34	12.374	1746	1749	1751	rBV	164028	137993	3.36%	0.304%
35	12.398	1751	1753	1756	rVB2	138767	124305	3.03%	0.274%
36	12.521	1769	1774	1777	rBV2	70998	74696	1.82%	0.164%

LSC Area Percent Report

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Sample : P2615-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR251686

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.627	1789	1792	1796	rBV2	135491	188557	4.59%	0.415%
38	12.716	1804	1807	1812	rBV	121977	146119	3.56%	0.322%
39	12.798	1817	1821	1824	rVV	2602647	2196576	53.51%	4.836%
40	12.869	1829	1833	1839	rBV3	265962	342409	8.34%	0.754%
41	12.951	1844	1847	1849	rVV	108109	111585	2.72%	0.246%
42	13.033	1853	1861	1865	rVV	2019724	2318634	56.48%	5.105%
43	13.074	1865	1868	1872	rVB2	122352	119893	2.92%	0.264%
44	13.163	1877	1883	1886	rBV	3165510	3020379	73.58%	6.650%
45	13.239	1892	1896	1900	rBV2	137194	238342	5.81%	0.525%
46	13.333	1908	1912	1913	rBV3	111925	153094	3.73%	0.337%
47	13.351	1913	1915	1918	rVB	249899	230564	5.62%	0.508%
48	13.421	1924	1927	1929	rVB	166970	133264	3.25%	0.293%
49	13.457	1929	1933	1936	rBV2	195329	216721	5.28%	0.477%
50	13.486	1936	1938	1941	rVB2	59010	45086	1.10%	0.099%
51	13.551	1947	1949	1952	rBV	114838	104905	2.56%	0.231%
52	13.586	1952	1955	1960	rVV	139153	148909	3.63%	0.328%
53	13.863	1999	2002	2006	rVB	222362	199808	4.87%	0.440%
54	13.980	2017	2022	2024	rBV2	206359	282447	6.88%	0.622%
55	14.004	2024	2026	2029	rVV	166081	153043	3.73%	0.337%
56	14.068	2034	2037	2046	rVB2	478128	751746	18.31%	1.655%
57	14.186	2055	2057	2059	rBV	90688	99358	2.42%	0.219%
58	14.221	2059	2063	2067	rVV3	1454901	2156595	52.54%	4.748%
59	14.257	2067	2069	2076	rVB	1270753	1031437	25.13%	2.271%
60	14.339	2080	2083	2085	rBV	141127	134221	3.27%	0.296%
61	14.363	2085	2087	2090	rBV3	54515	56204	1.37%	0.124%
62	14.451	2099	2102	2106	rBV2	88313	115513	2.81%	0.254%
63	14.615	2128	2130	2133	rVB	216324	161190	3.93%	0.355%
64	14.651	2134	2136	2138	rVV	104878	85869	2.09%	0.189%
65	14.674	2138	2140	2142	rVV	106572	93423	2.28%	0.206%
66	14.710	2142	2146	2150	rVV3	374587	687691	16.75%	1.514%
67	14.768	2154	2156	2161	rVB3	196770	204063	4.97%	0.449%
68	15.327	2246	2251	2254	rBV	735193	1225177	29.85%	2.697%
69	15.445	2267	2271	2284	rVB2	223147	476736	11.61%	1.050%
70	15.662	2304	2308	2315	rVB	411758	561003	13.67%	1.235%
71	15.727	2315	2319	2325	rVV	612107	765007	18.64%	1.684%
72	15.798	2326	2331	2334	rVV	543702	726364	17.69%	1.599%
73	15.833	2334	2337	2344	rVB	202479	288401	7.03%	0.635%
74	16.274	2409	2412	2418	rVB	120250	179793	4.38%	0.396%
75	17.421	2602	2607	2615	rVB2	220005	450043	10.96%	0.991%
76	17.915	2686	2691	2705	rVB	158891	378212	9.21%	0.833%

LSC Area Percent Report

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Operator : CG\JU
Sample : P2615-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR251686

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-BF051424.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

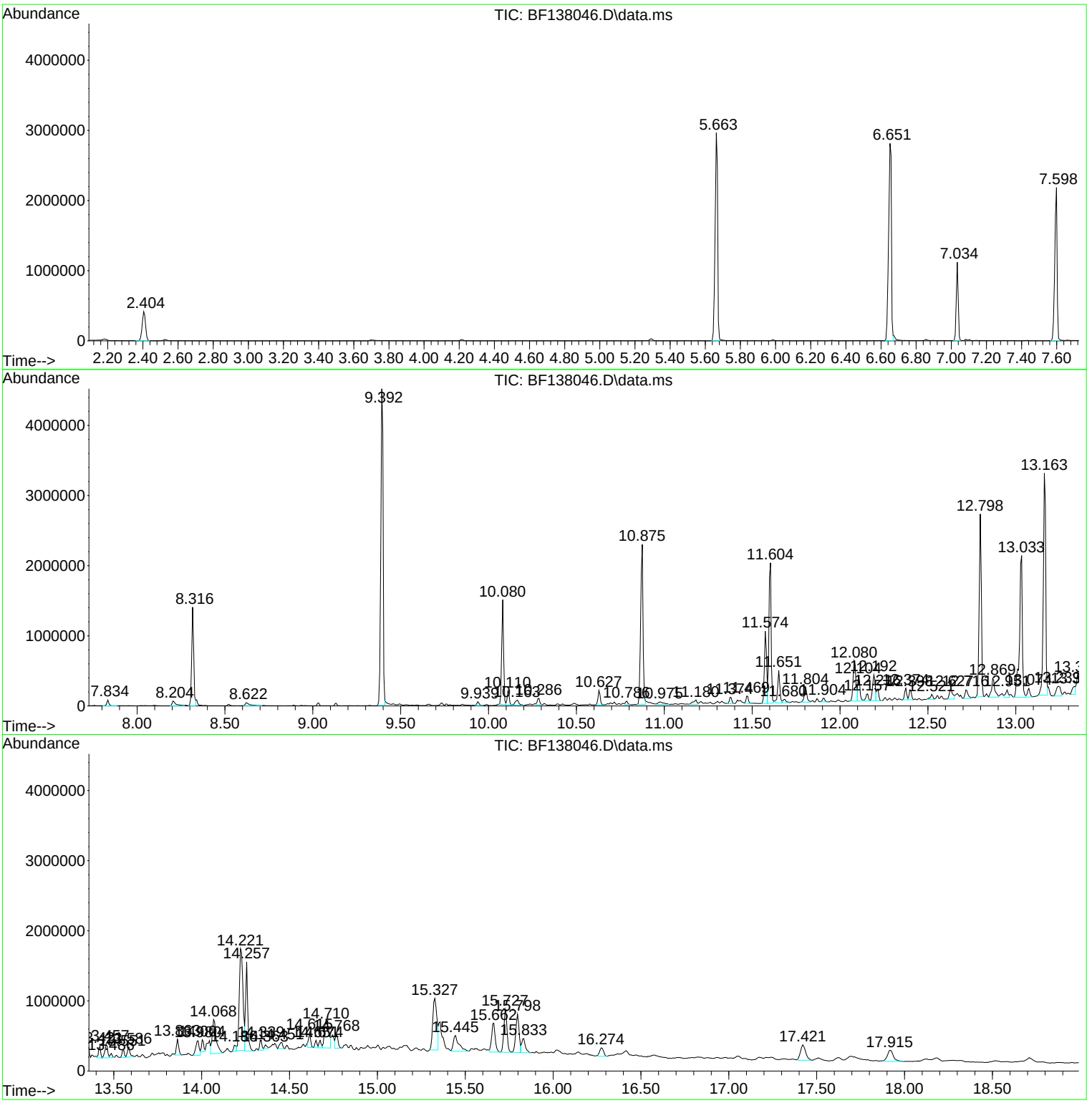
Sum of corrected areas: 45420042

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
Data File : BF138046.D
Acq On : 28 May 2024 14:39
Operator : CG\JU
Sample : P2615-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR251686

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.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\BF052824\
Data File : BF138046.D
Acq On : 28 May 2024 14:39
Operator : CG\JU
Sample : P2615-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

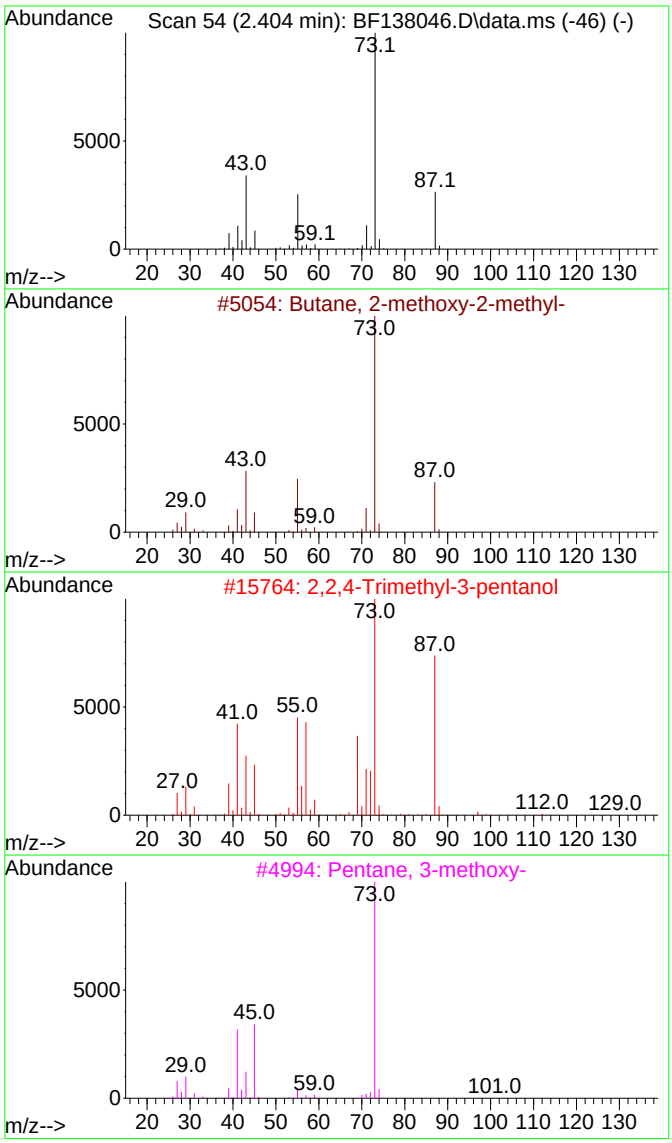
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

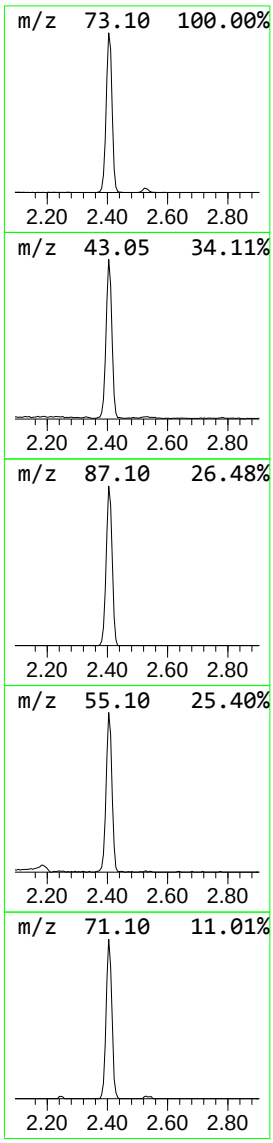
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.404	12.88 ng	550562	1,4-Dichlorobenzene-d4	7.034

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
Data File : BF138046.D
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Operator : CG\JU
Sample : P2615-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

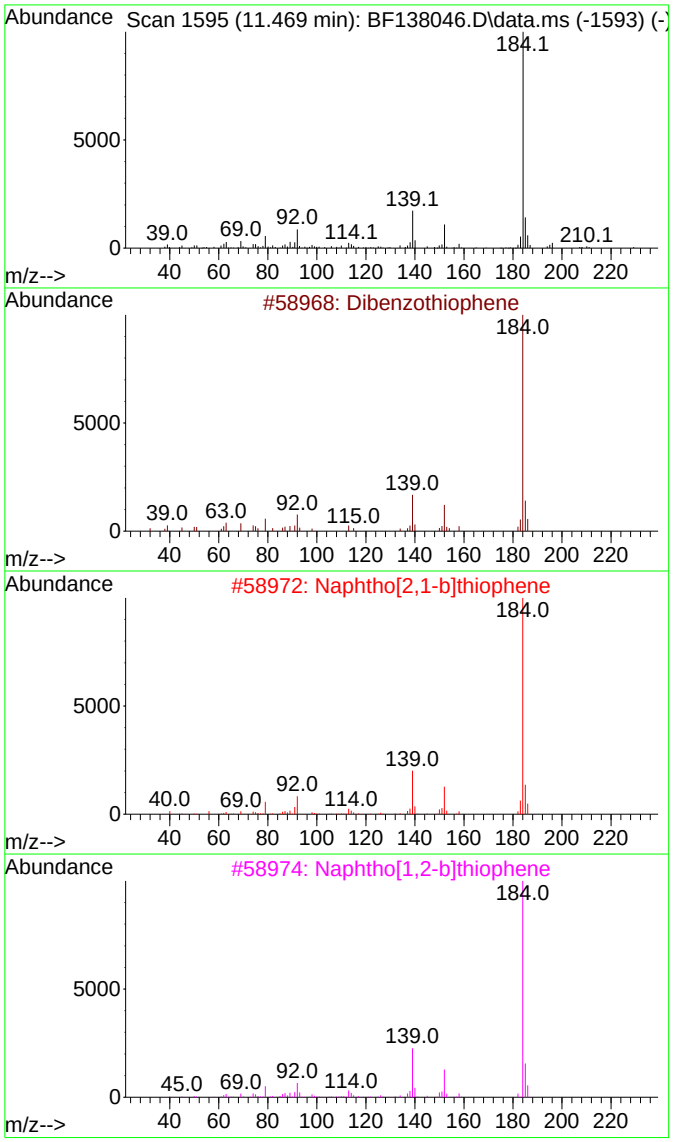
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

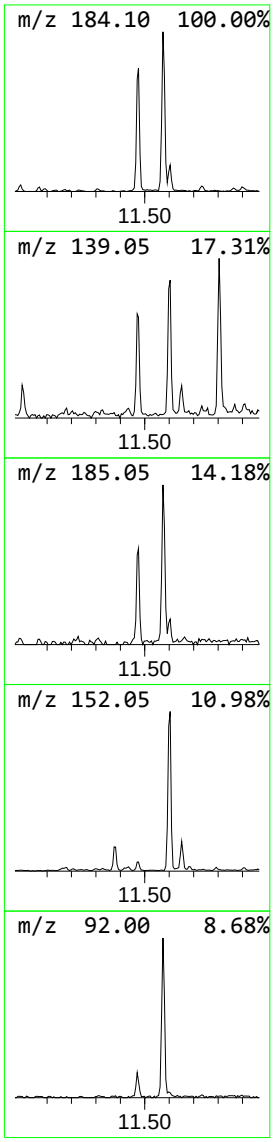
****

Peak Number 2 Dibenzothiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.469	2.10 ng	94651	Phenanthrene-d10	11.575

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	94
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
Data File : BF138046.D
Acq On : 28 May 2024 14:39
Operator : CG\JU
Sample : P2615-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR251686

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

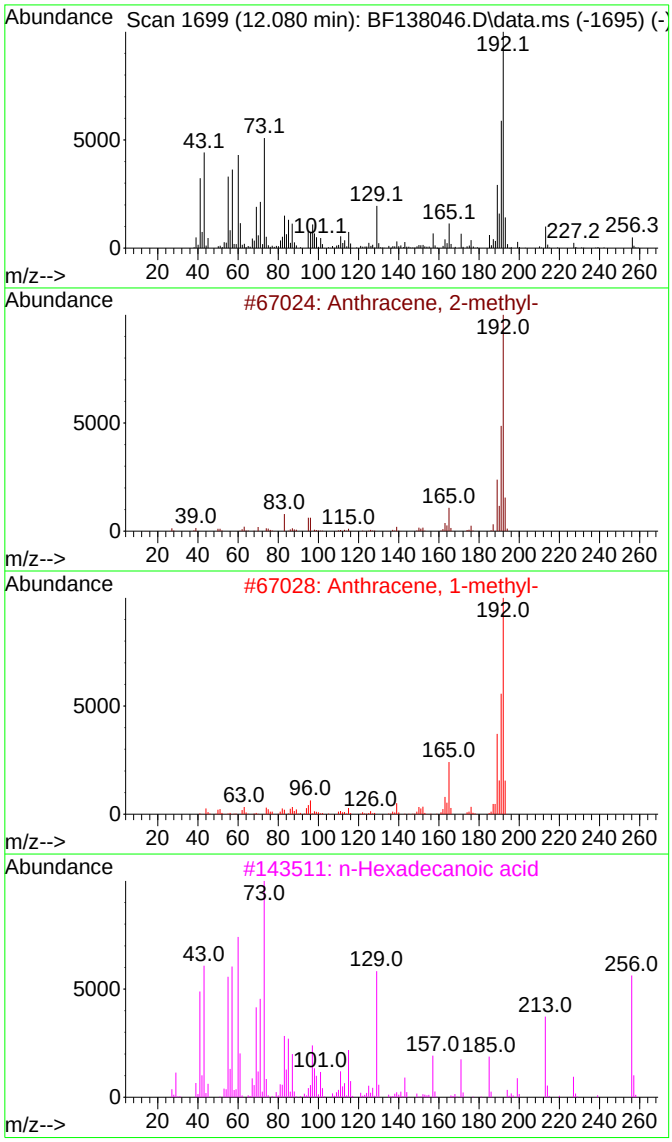
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

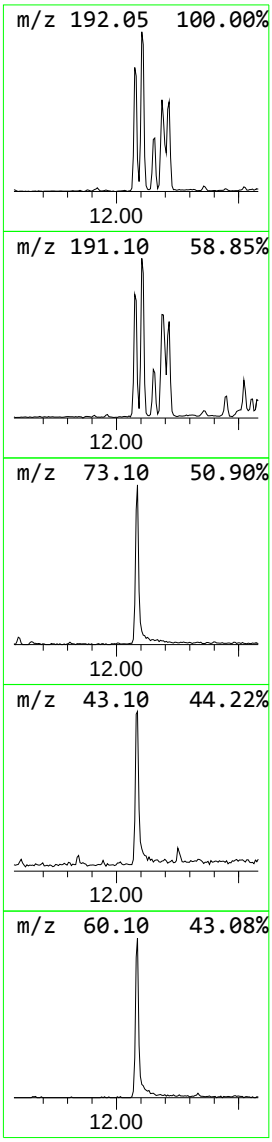
****

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.080	14.55 ng	655875	Phenanthrene-d10	11.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





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Misc :
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

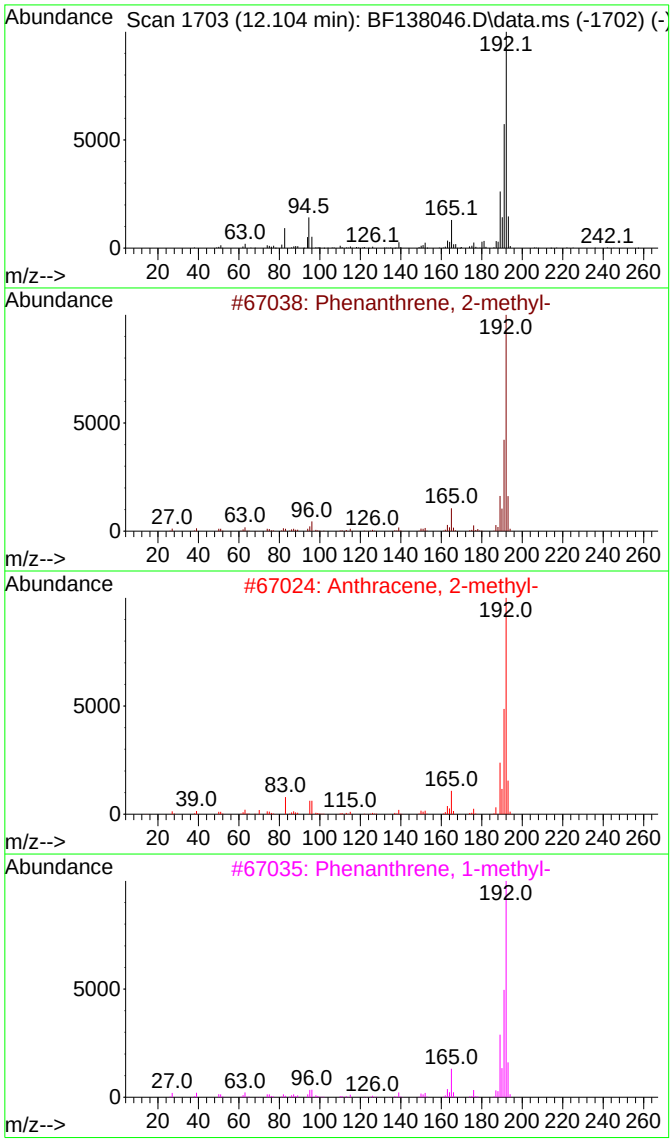
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

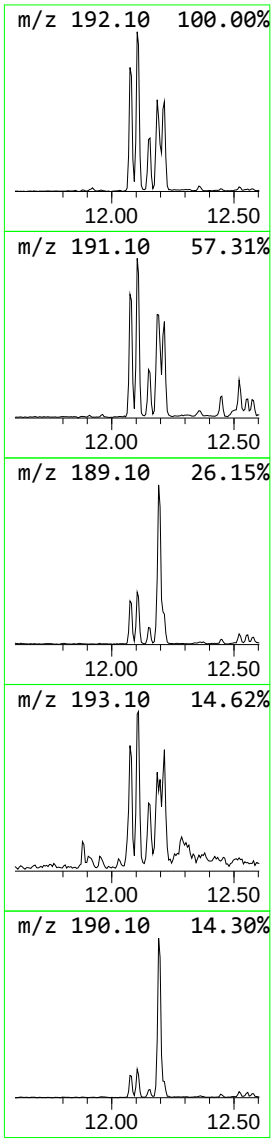
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	6.08 ng	274054	Phenanthrene-d10	11.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

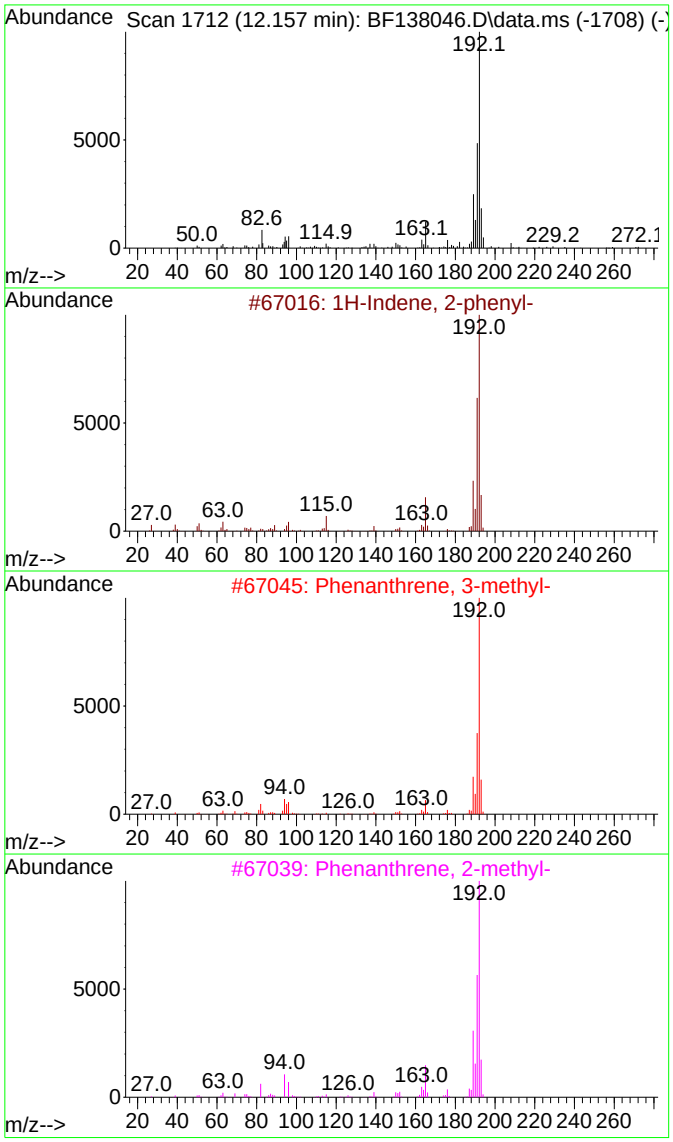
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

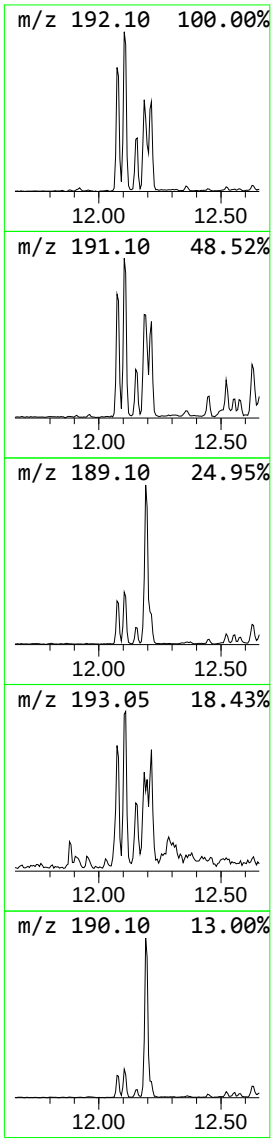
****

Peak Number 5 1H-Indene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.157	2.28 ng	102769	Phenanthrene-d10	11.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
Data File : BF138046.D
Acq On : 28 May 2024 14:39
Operator : CG\JU
Sample : P2615-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR251686

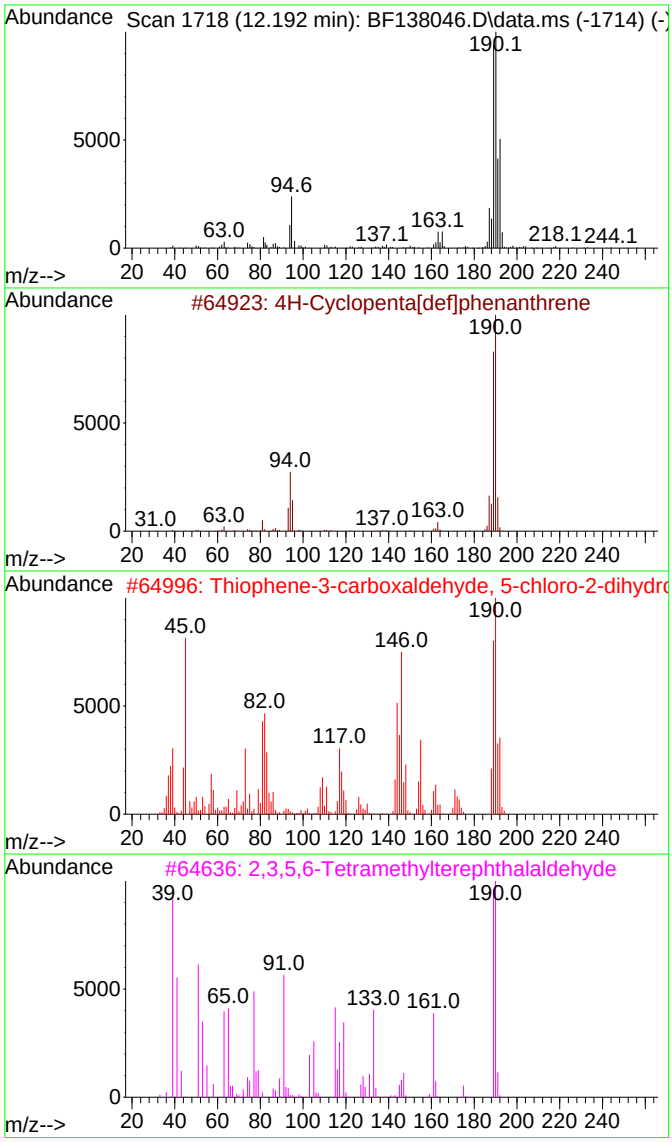
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

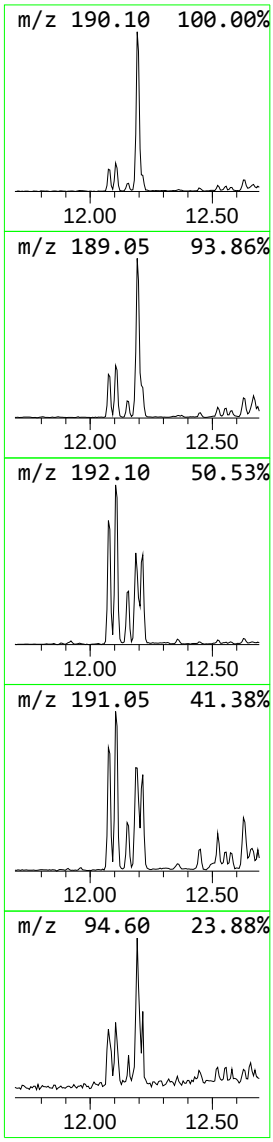
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.192	8.93 ng	402666	Phenanthrene-d10	11.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	43
5	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	42





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Data File : BF138046.D
Acq On : 28 May 2024 14:39
Operator : CG\JU
Sample : P2615-01
Misc :
ALS Vial : 10 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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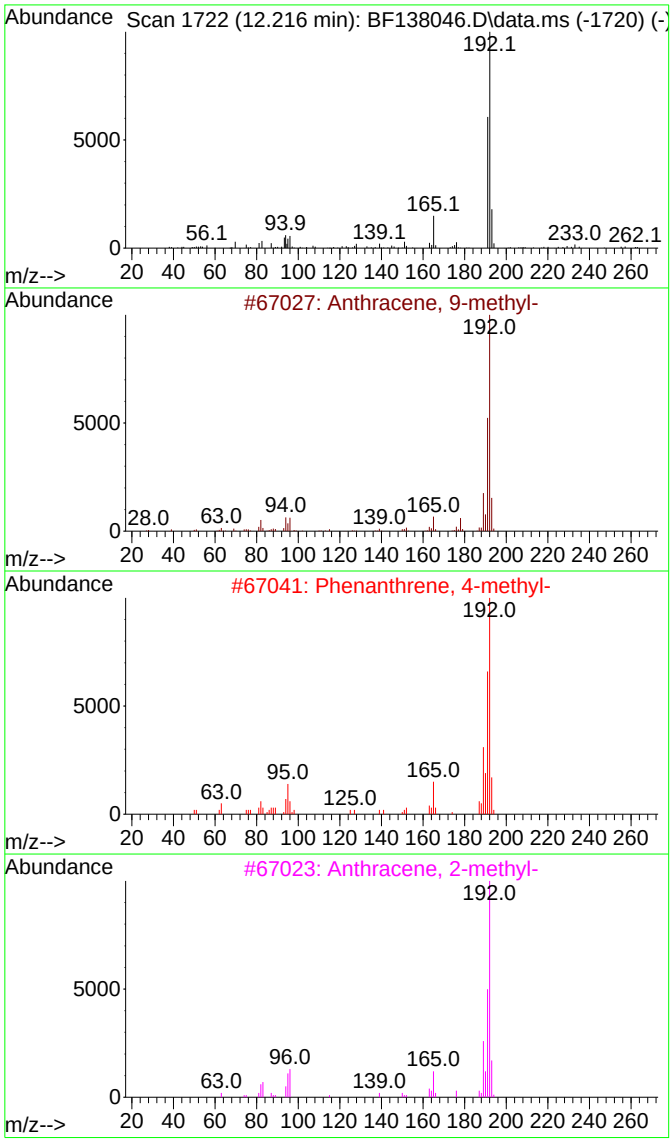
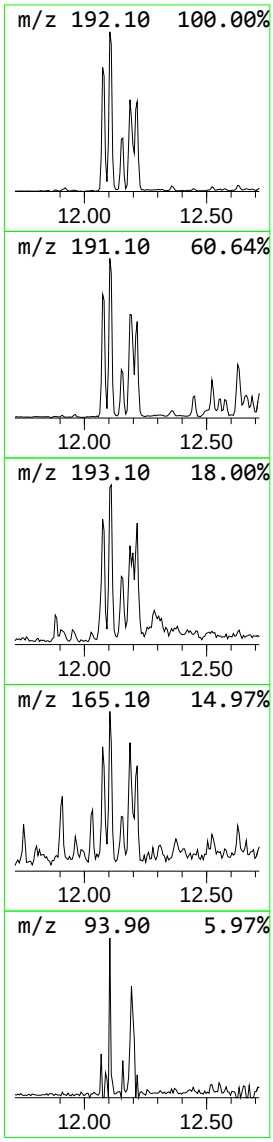
Peak Number 7 Anthracene, 9-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.216	3.09 ng	139491	Phenanthrene-d10	11.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	86
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	86





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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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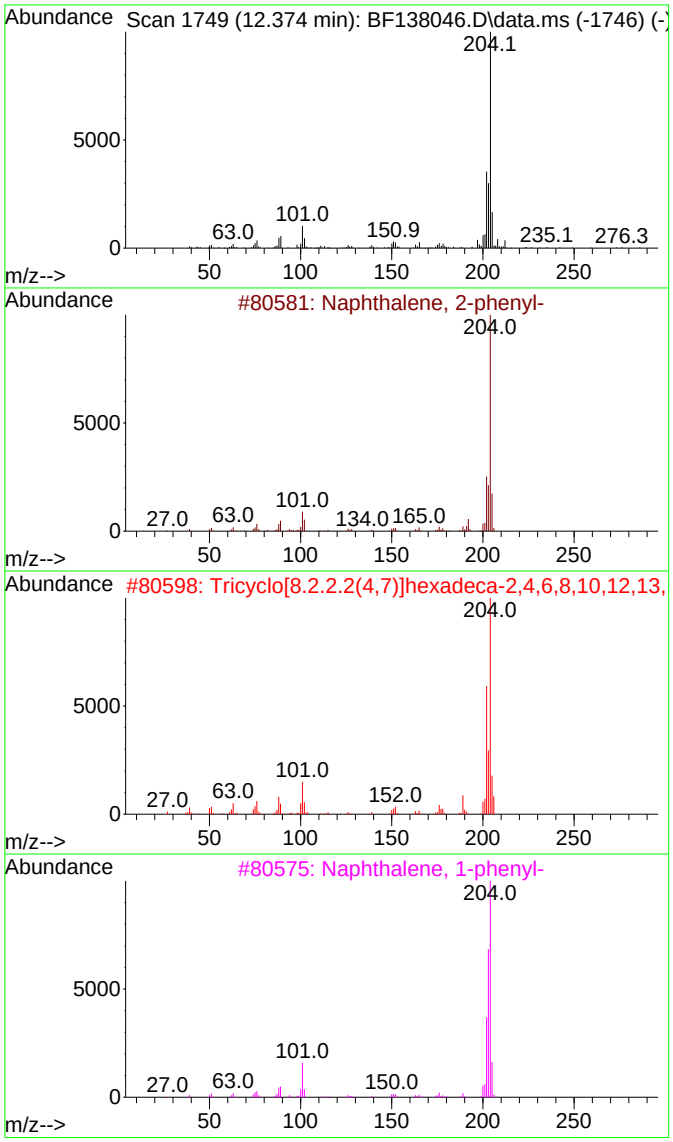
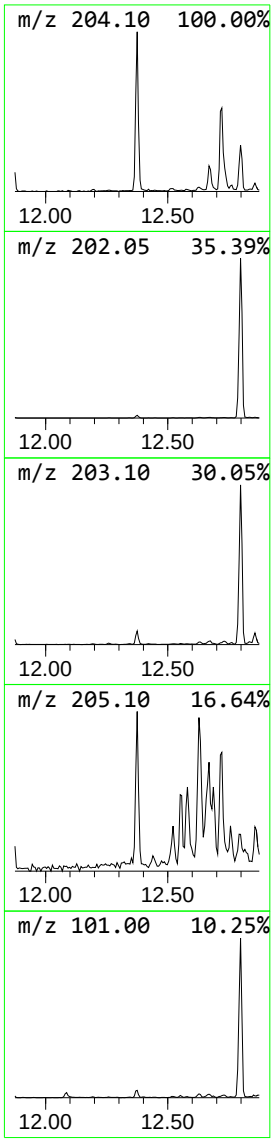
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.374	3.06 ng	137993	Phenanthrene-d10	11.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	53





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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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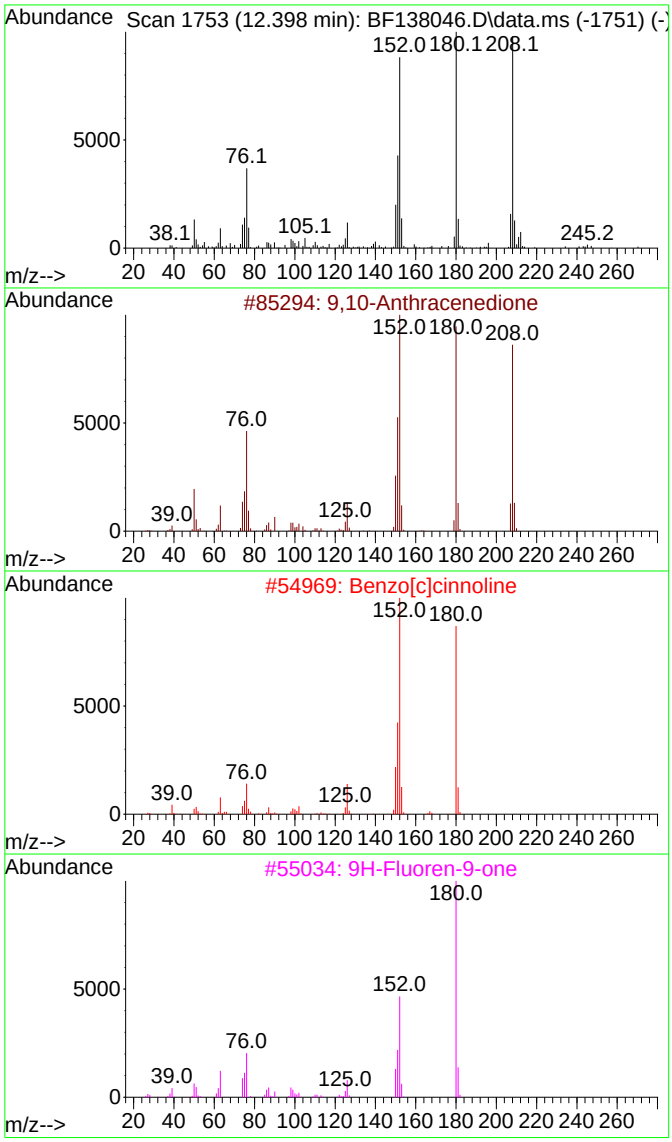
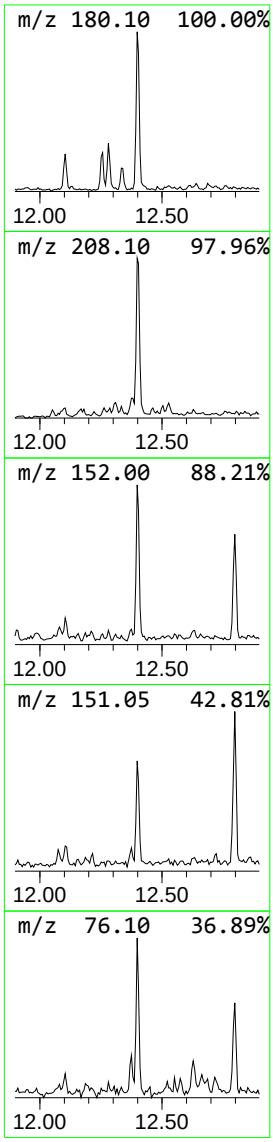
Peak Number 9 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.398	2.76 ng	124305	Phenanthrene-d10	11.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	62
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	60
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	55





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

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

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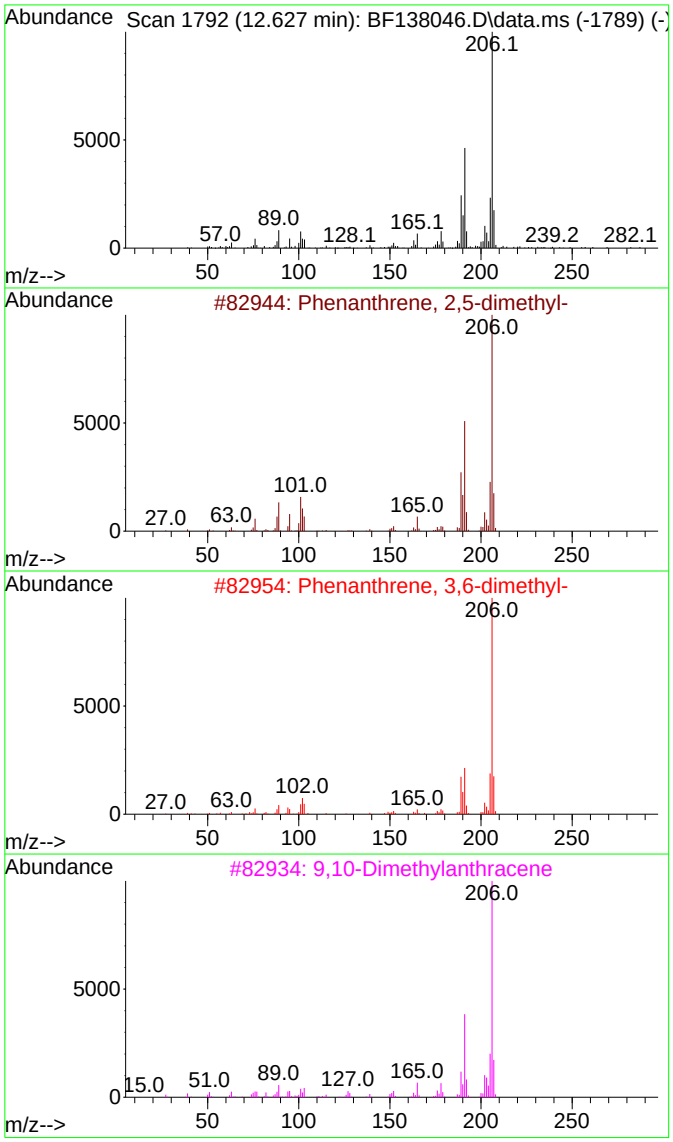
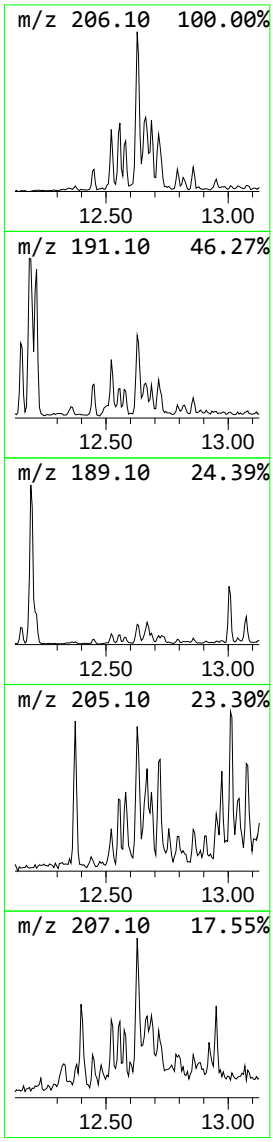
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.627	4.18 ng	188557	Phenanthrene-d10	11.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	86





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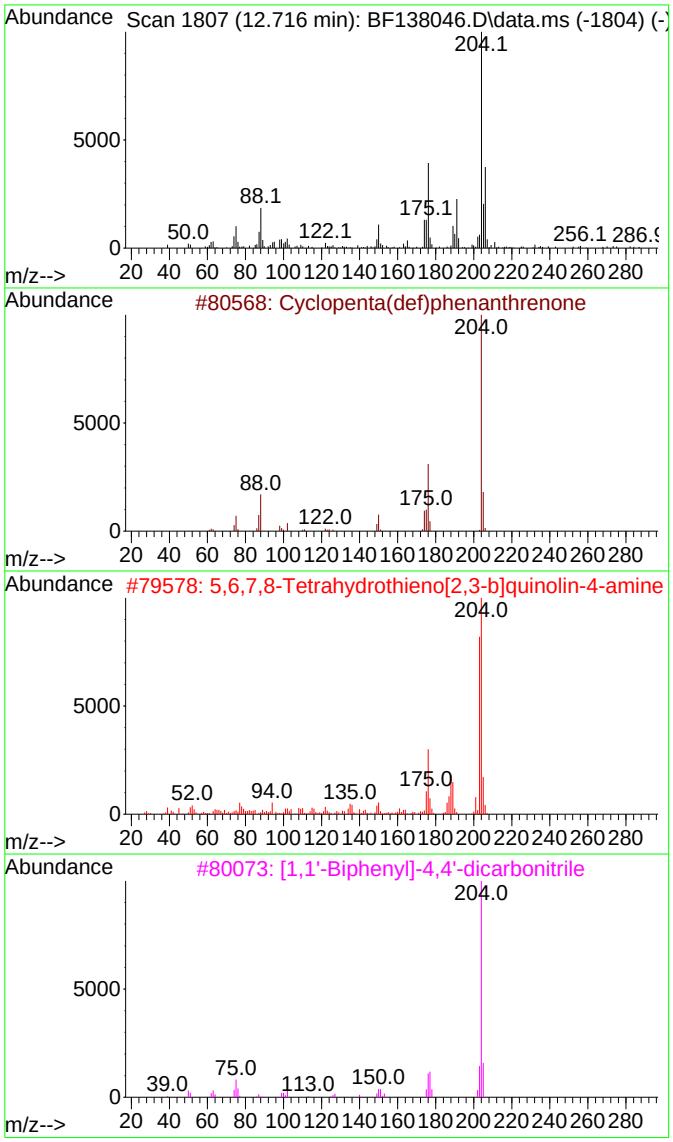
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

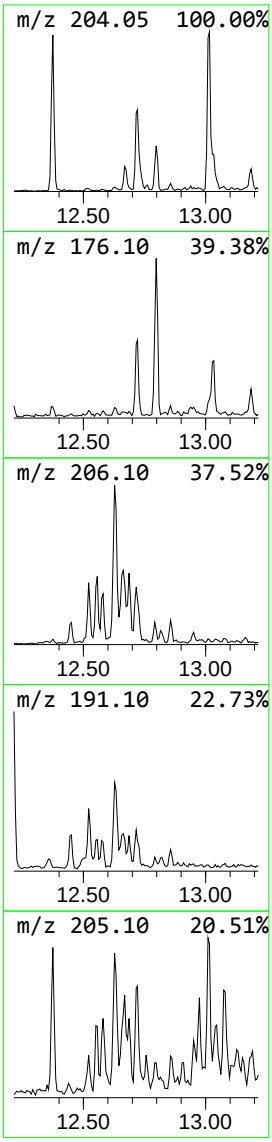
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.716	3.24 ng	146119	Phenanthrene-d10	11.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	53
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
4	Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	43
5	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	43





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TIC Library : C:\Database\NIST20.L
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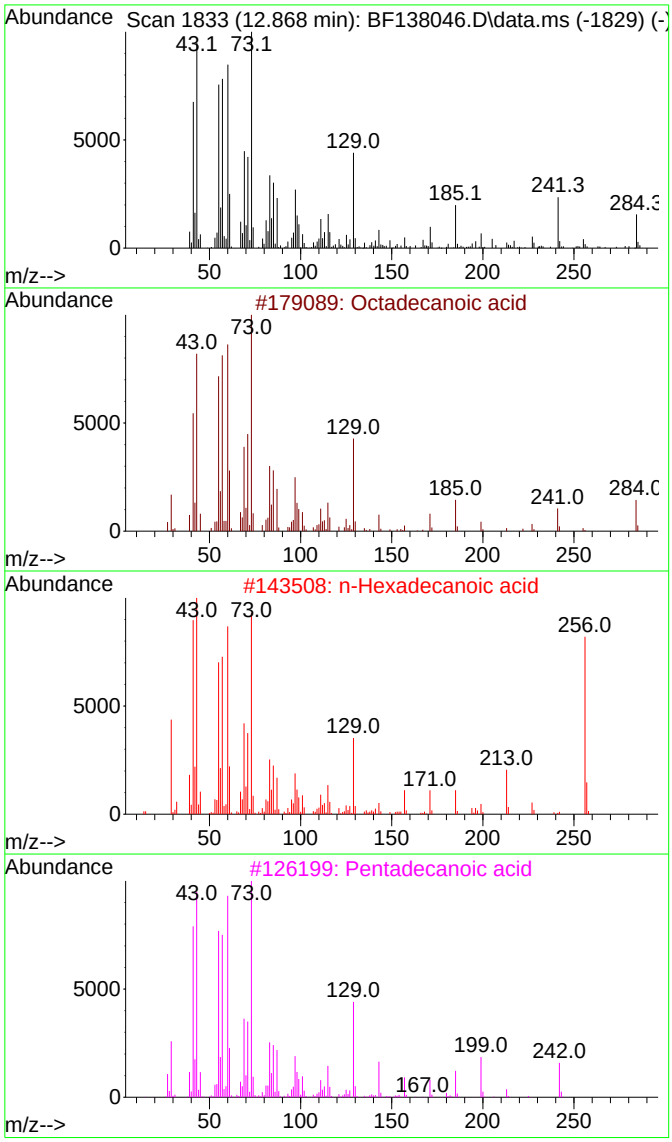
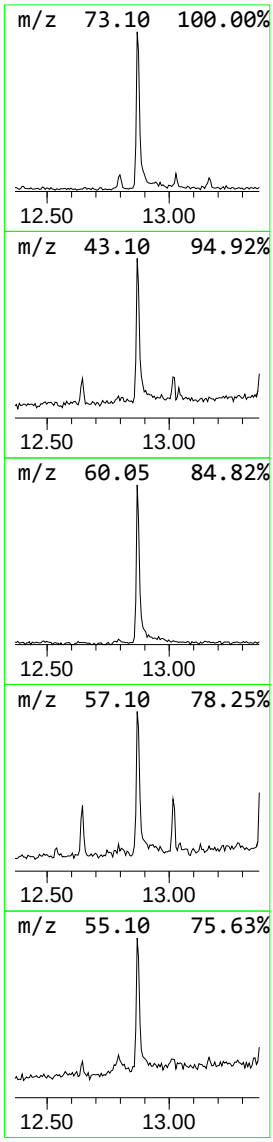
Peak Number 12 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.868	7.60 ng	342409	Phenanthrene-d10	11.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	90





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ALS Vial : 10 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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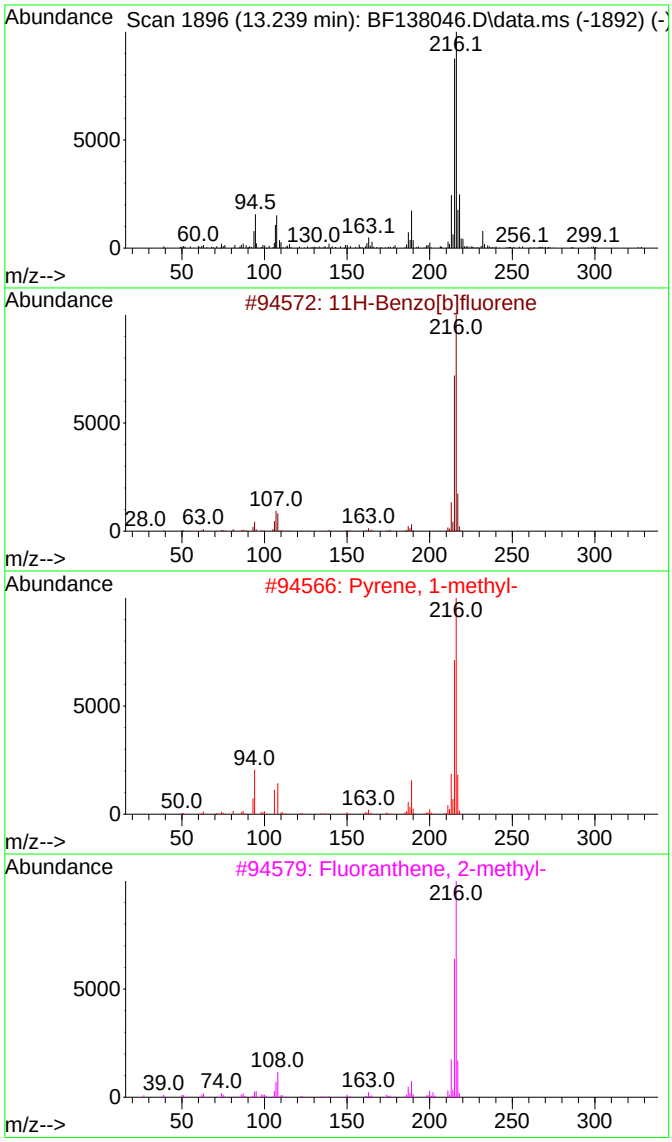
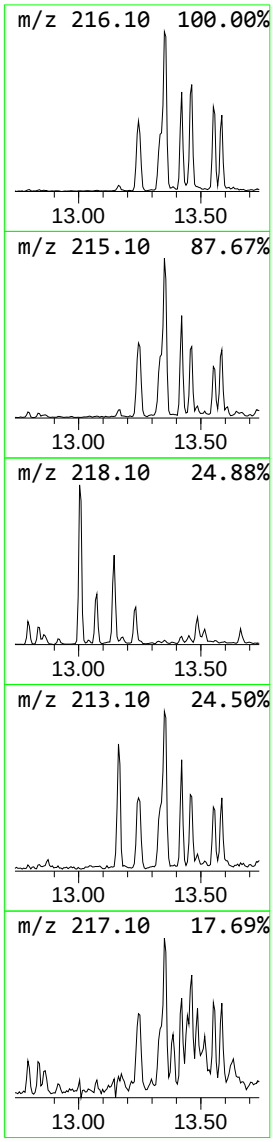
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.239	2.21 ng	238342	Chrysene-d12	14.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68





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Misc :
ALS Vial : 10 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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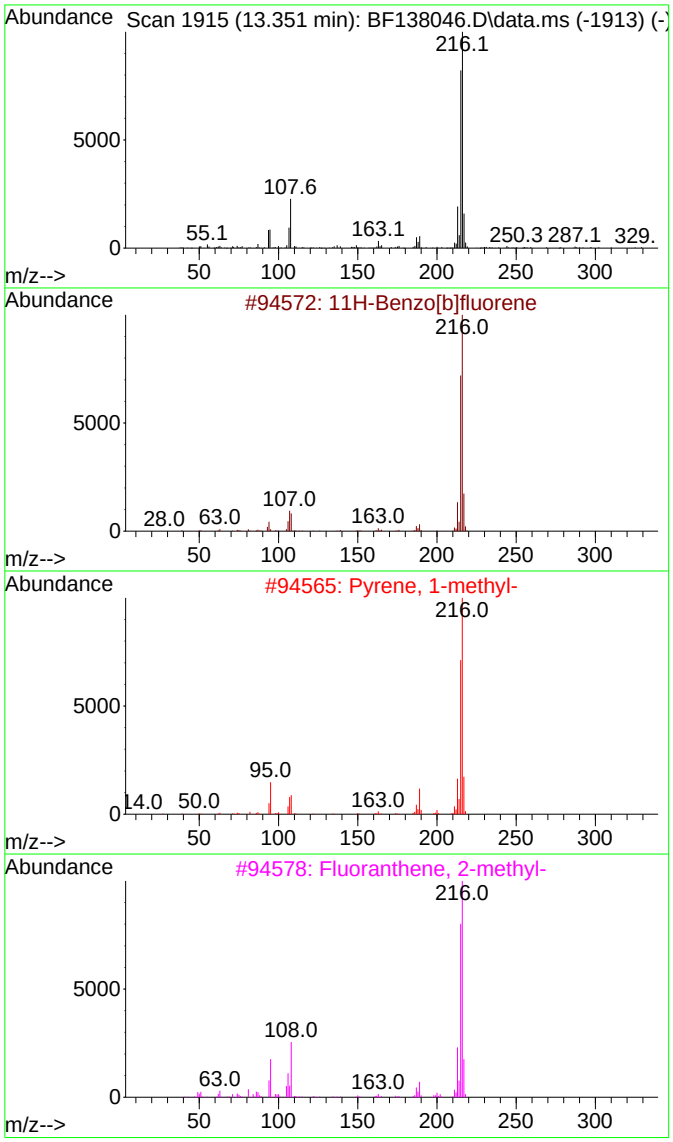
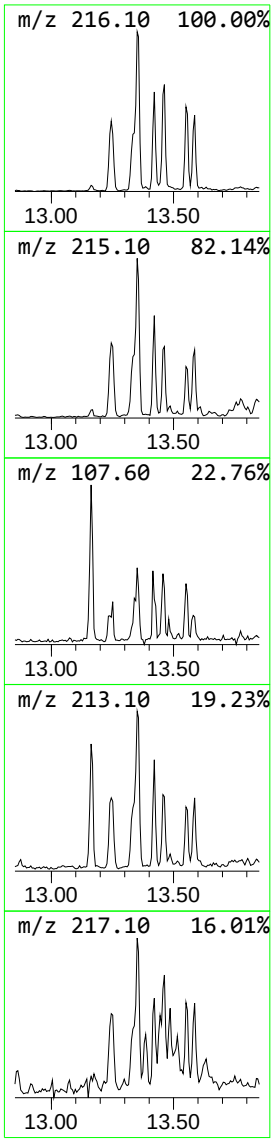
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.351	2.14 ng	230564	Chrysene-d12	14.233

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	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	6,6'-Dimethoxy-2,2'-bipyridile	216	C12H12N2O2	039858-88-3	53





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ClientSampleId :
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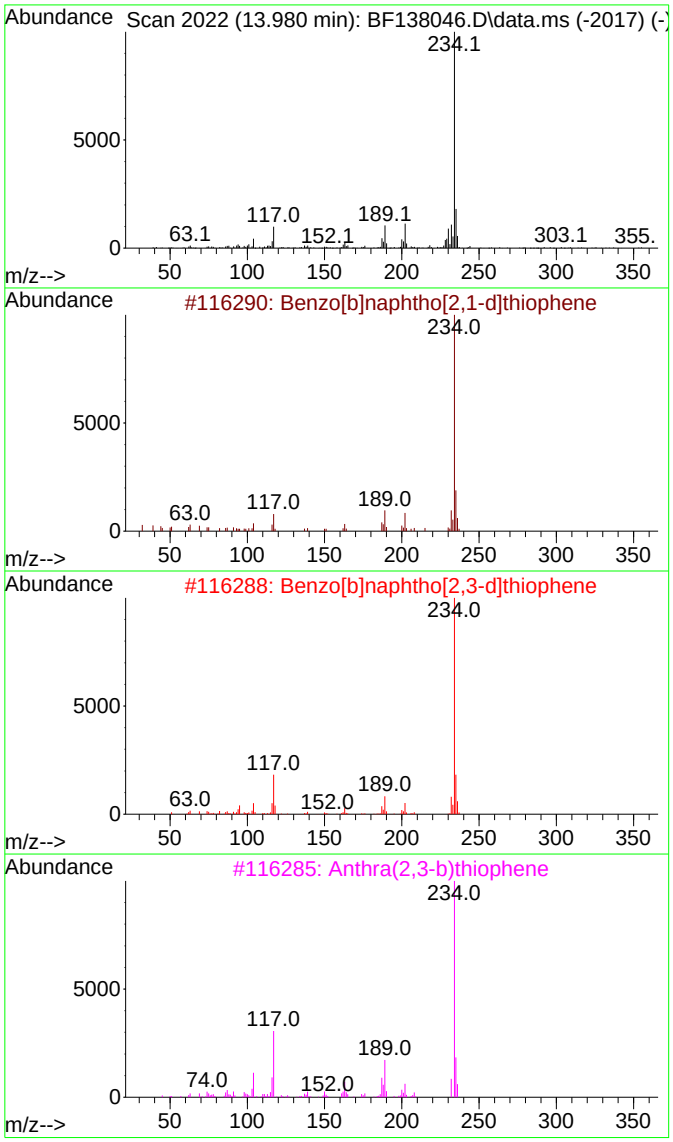
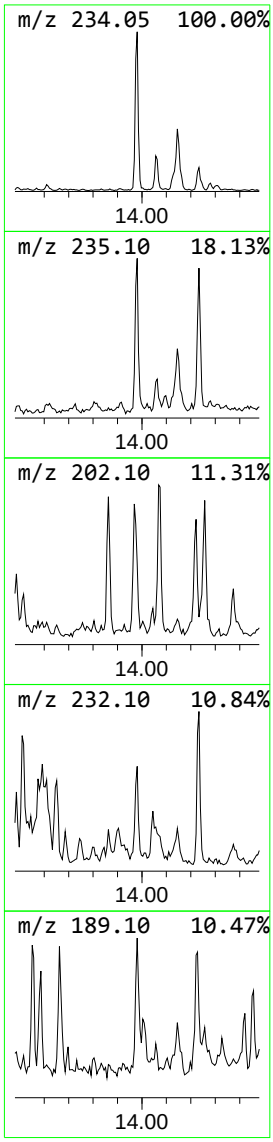
Peak Number 15 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.980	2.62 ng	282447	Chrysene-d12	14.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
3	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	90
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	74
5	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	59





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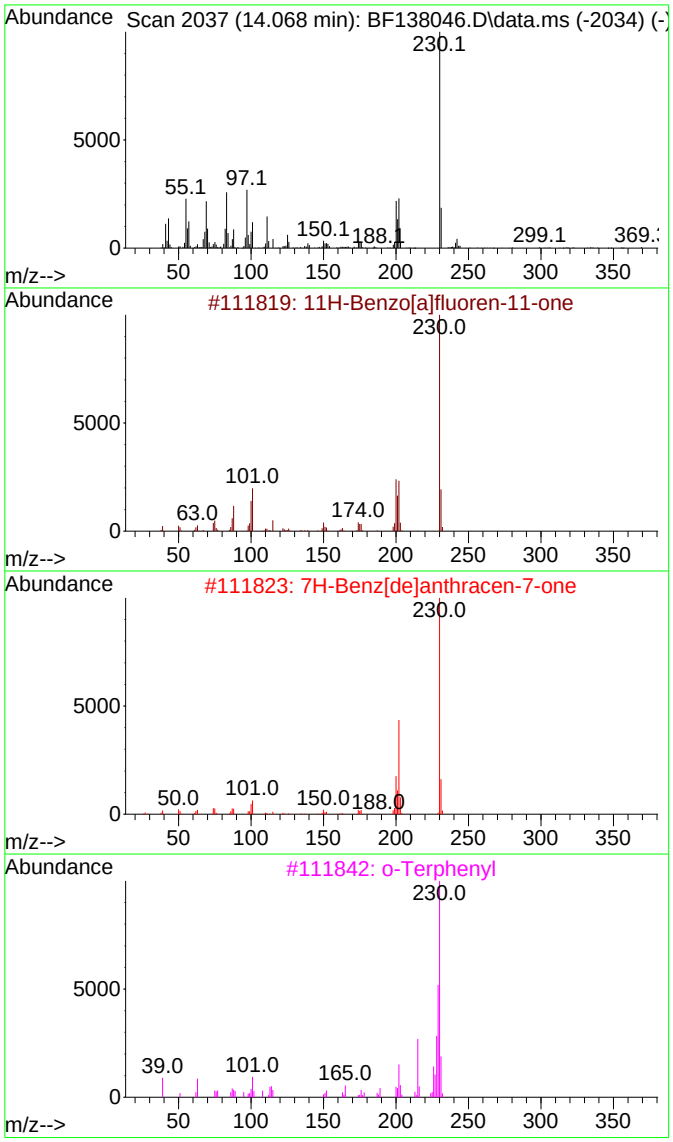
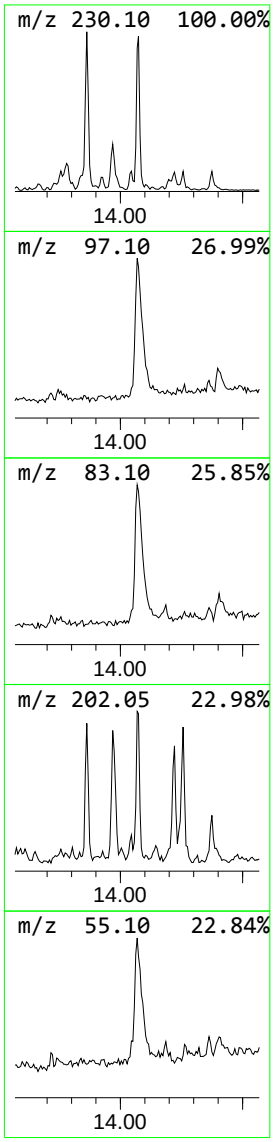
Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.068	6.97 ng	751746	Chrysene-d12	14.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	89
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
3	o-Terphenyl	230	C18H14	000084-15-1	43
4	6,6-Diphenylfulvene	230	C18H14	002175-90-8	40
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	40





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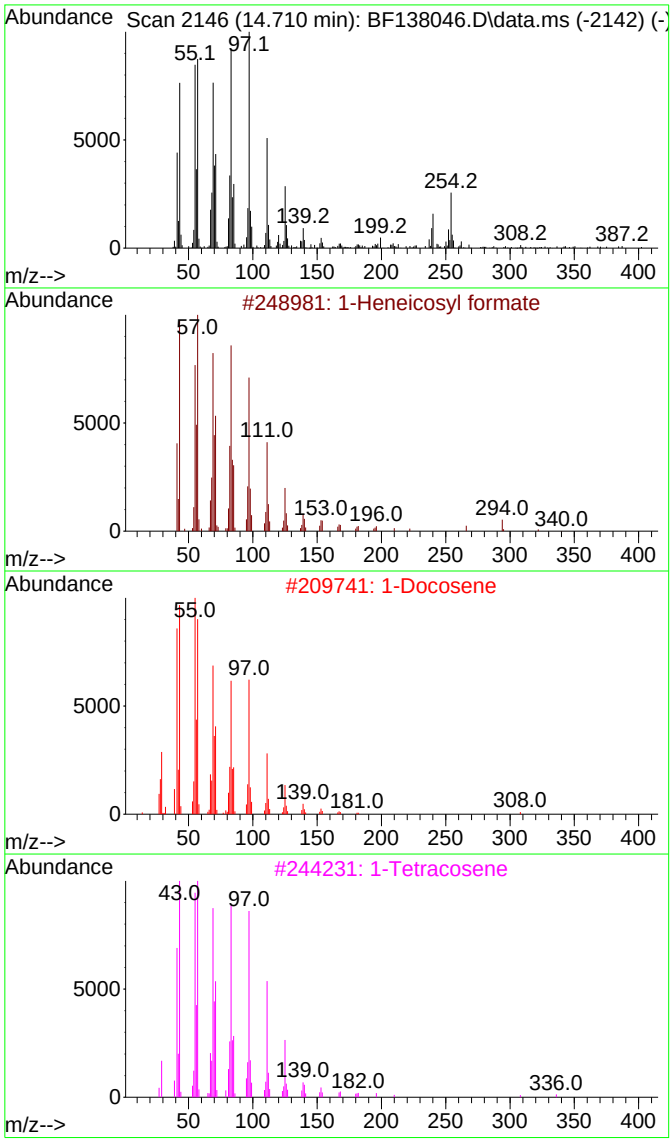
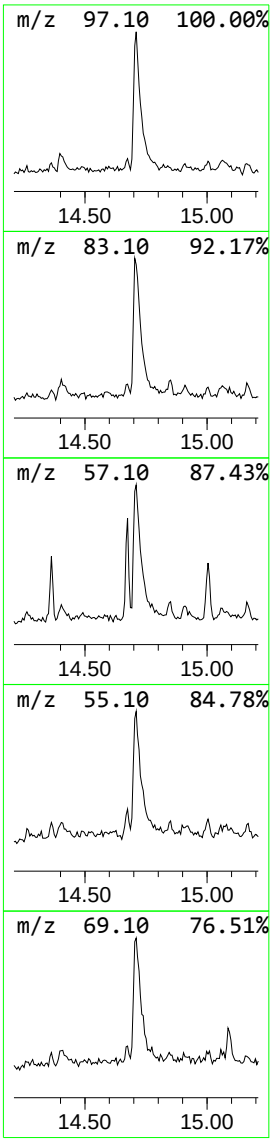
Peak Number 17 1-Heneicosyl formate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.710	6.38 ng	687691	Chrysene-d12	14.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	98
2	1-Docosene	308	C22H44	001599-67-3	96
3	1-Tetracosene	336	C24H48	010192-32-2	95
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Behenic alcohol	326	C22H46O	000661-19-8	93





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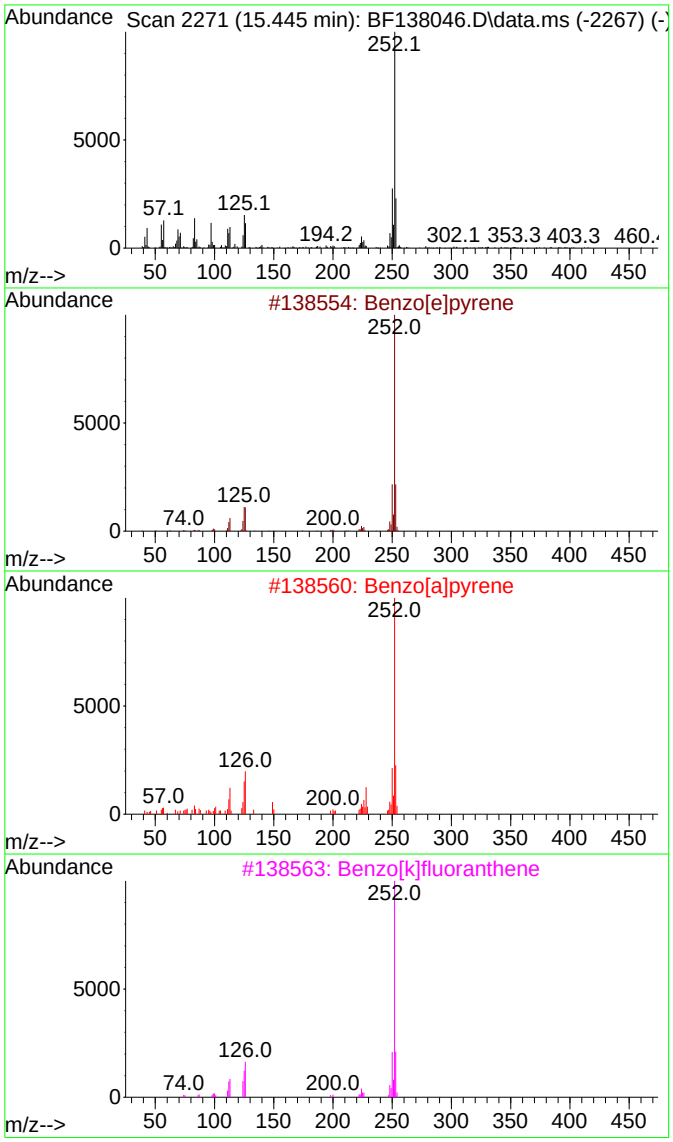
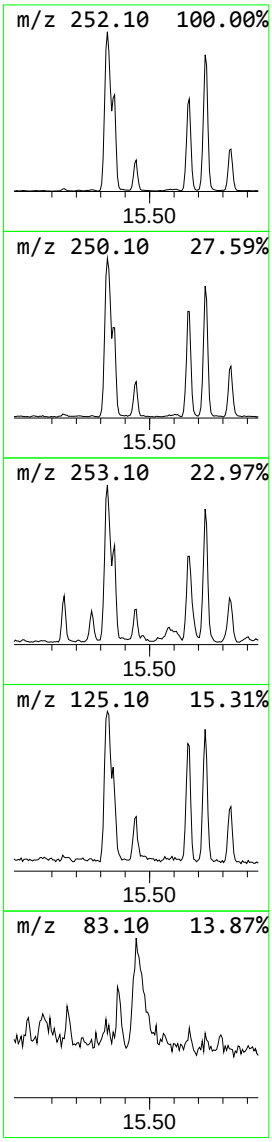
Peak Number 18 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.445	13.13 ng	476736	Perylene-d12	15.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[a]pyrene	252	C20H12	000050-32-8	91
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Perylene	252	C20H12	000198-55-0	89





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Data File : BF138046.D
Acq On : 28 May 2024 14:39
Operator : CG\JU
Sample : P2615-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR251686

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.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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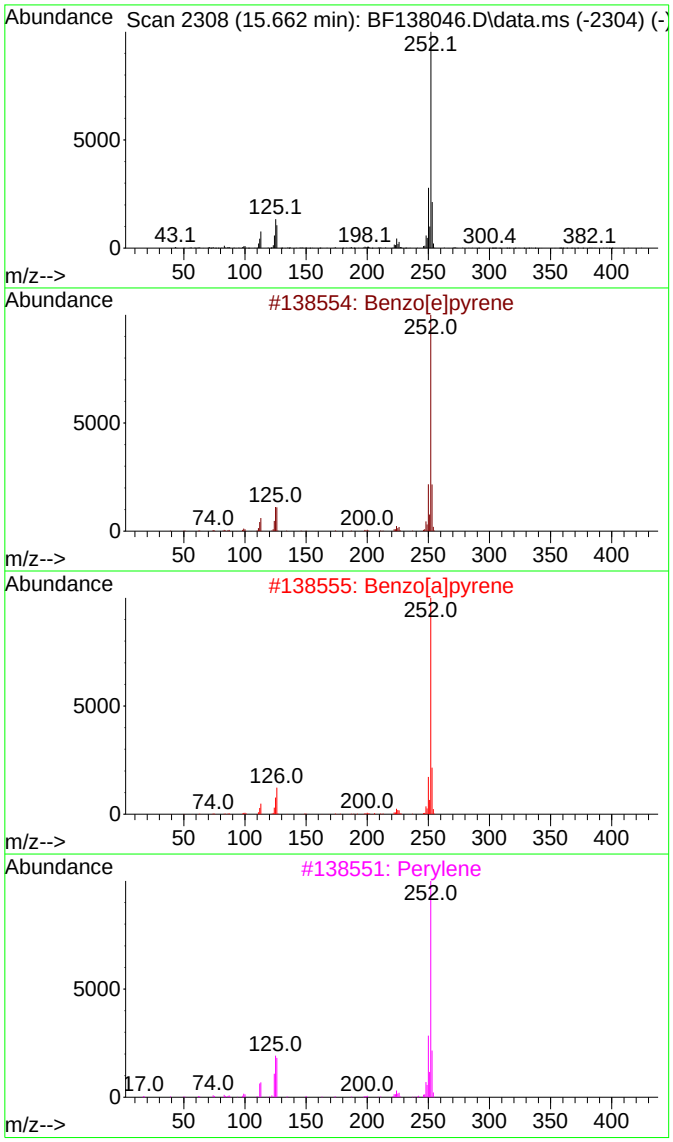
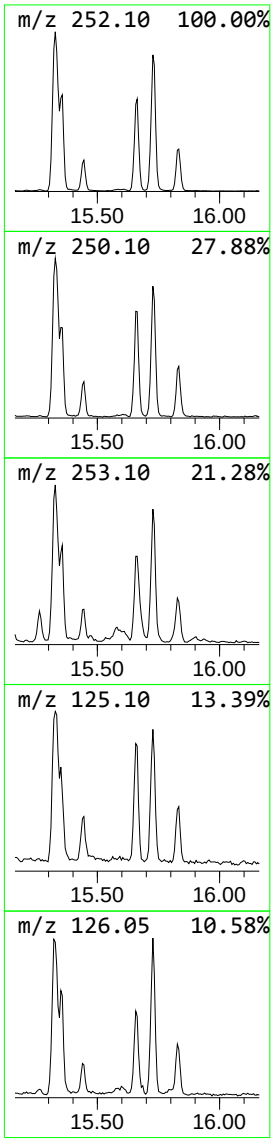
Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.662	15.45 ng	561003	Perylene-d12	15.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
Data File : BF138046.D
Acq On : 28 May 2024 14:39
Operator : CG\JU
Sample : P2615-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR251686

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.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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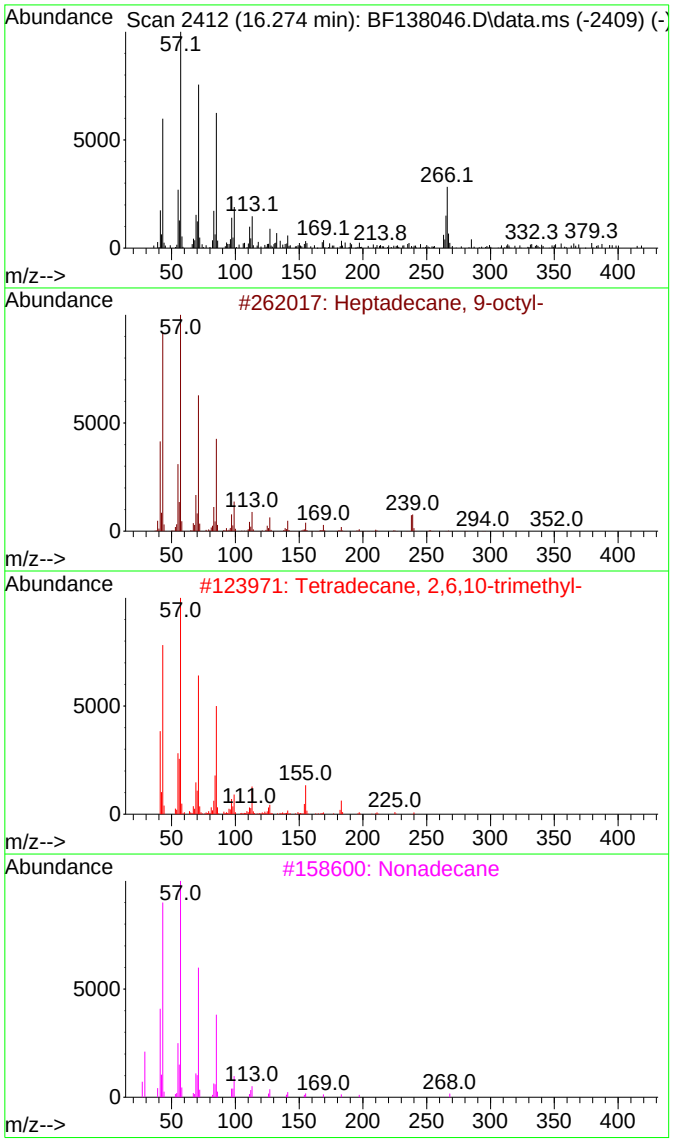
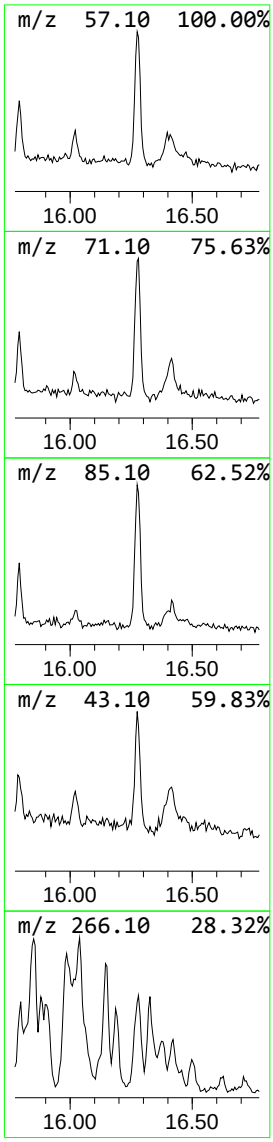
Peak Number 20 Heptadecane, 9-octyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.274	4.95 ng	179793	Perylene-d12	15.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	89
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	86
3	Nonadecane	268	C19H40	000629-92-5	70
4	Heneicosane	296	C21H44	000629-94-7	68
5	Hexacosane	366	C26H54	000630-01-3	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
Data File : BF138046.D
Acq On : 28 May 2024 14:39
Operator : CG\JU
Sample : P2615-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR251686

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.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...	2.404	12.9	ng	550562	1	7.034	854749	20.0
Dibenzothiophene	11.469	2.1	ng	94651	4	11.575	901660	20.0
Anthracene, 2-m...	12.080	14.6	ng	655875	4	11.575	901660	20.0
Phenanthrene, 2...	12.104	6.1	ng	274054	4	11.575	901660	20.0
1H-Indene, 2-ph...	12.157	2.3	ng	102769	4	11.575	901660	20.0
4H-Cyclopenta[d...	12.192	8.9	ng	402666	4	11.575	901660	20.0
Anthracene, 9-m...	12.216	3.1	ng	139491	4	11.575	901660	20.0
Naphthalene, 2-...	12.374	3.1	ng	137993	4	11.575	901660	20.0
9,10-Anthracene...	12.398	2.8	ng	124305	4	11.575	901660	20.0
Phenanthrene, 2...	12.627	4.2	ng	188557	4	11.575	901660	20.0
Cyclopenta(def)...	12.716	3.2	ng	146119	4	11.575	901660	20.0
Octadecanoic acid	12.868	7.6	ng	342409	4	11.575	901660	20.0
11H-Benzo[b]flu...	13.239	2.2	ng	238342	5	14.233	2156600	20.0
Pyrene, 1-methyl-	13.351	2.1	ng	230564	5	14.233	2156600	20.0
Benzo[b]naphtho...	13.980	2.6	ng	282447	5	14.233	2156600	20.0
11H-Benzo[a]flu...	14.068	7.0	ng	751746	5	14.233	2156600	20.0
1-Heneicosyl fo...	14.710	6.4	ng	687691	5	14.233	2156600	20.0
Benzo[e]pyrene	15.445	13.1	ng	476736	6	15.798	726364	20.0
Perylene	15.662	15.4	ng	561003	6	15.798	726364	20.0
Heptadecane, 9-...	16.274	5.0	ng	179793	6	15.798	726364	20.0