LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
Data File : BF131438.D
Acq On : 28 Nov 2022 19:54
Operator : CG\JU
Sample : N5752-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-11S

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-BF112122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131438.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.257	21	29	36	rVB	817288	1049521	25.49%	2.401%
2	2.369	44	48	60	rVB	53749	71416	1.73%	0.163%
3	2.646	79	95	101	rBV	2376989	4117403	100.00%	9.418%
4	5.175	520	525	532	rVB	461258	538490	13.08%	1.232%
5	5.563	586	591	594	rBV	2131563	2126716	51.65%	4.865%
6	6.569	757	762	765	rBV	2301502	2346876	57.00%	5.368%
7	6.951	823	827	830	rBV	907491	689145	16.74%	1.576%
8	7.516	918	923	926	rBV	1492938	1350012	32.79%	3.088%
9	8.239	1043	1046	1049	rBV	679435	572833	13.91%	1.310%
10	8.263	1049	1050	1053	rVB	92866	44492	1.08%	0.102%
11	8.957	1164	1168	1171	rBV	57330	44445	1.08%	0.102%
12	9.057	1181	1185	1188	rVB	52204	42120	1.02%	0.096%
13	9.322	1225	1230	1233	rBV	2352056	1838967	44.66%	4.206%
14	9.392	1239	1242	1245	rBV	66320	50391	1.22%	0.115%
15	9.592	1271	1276	1279	rBV2	39137	46611	1.13%	0.107%
16	9.657	1283	1287	1290	rBV	63487	65203	1.58%	0.149%
17	9.863	1319	1322	1325	rBV	148472	123774	3.01%	0.283%
18	9.928	1329	1333	1336	rVB	84624	65293	1.59%	0.149%
19	10.004	1343	1346	1349	rVV	694926	577418	14.02%	1.321%
20	10.039	1349	1352	1355	rVB	124557	98722	2.40%	0.226%
21	10.210	1375	1381	1384	rVV2	129283	130230	3.16%	0.298%
22	10.245	1384	1387	1391	rVV2	52188	45244	1.10%	0.103%
23	10.322	1396	1400	1402	rBV	40709	43180	1.05%	0.099%
24	10.427	1411	1418	1421	rBV2	138930	147173	3.57%	0.337%
25	10.557	1436	1440	1444	rVB2	147521	147295	3.58%	0.337%
26	10.645	1452	1455	1458	rBV2	56377	61248	1.49%	0.140%
27	10.710	1461	1466	1473	rVB4	64078	88969	2.16%	0.204%
28	10.798	1477	1481	1484	rVB	1128756	937654	22.77%	2.145%
29	10.904	1496	1499	1505	rBV	162408	227906	5.54%	0.521%
30	11.104	1527	1533	1536	rBV4	69213	114249	2.77%	0.261%
31	11.233	1551	1555	1557	rBV3	64283	70972	1.72%	0.162%
32	11.257	1557	1559	1563	rVB3	48757	45025	1.09%	0.103%
33	11.304	1564	1567	1570	rVB	106270	88352	2.15%	0.202%
34	11.357	1570	1576	1579	rBV2	183071	188016	4.57%	0.430%
35	11.398	1579	1583	1587	rVV2	102005	117370	2.85%	0.268%
36	11.504	1597	1601	1603	rBV	786127	722072	17.54%	1.652%

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-11S

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-BF112122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.533	1603	1606	1609	rVV	1860523	1700754	41.31%	3.890%
38	11.580	1609	1614	1616	rVB	492437	428546	10.41%	0.980%
39	11.610	1616	1619	1621	rBV2	99608	101812	2.47%	0.233%
40	11.733	1637	1640	1646	rVB	169662	165872	4.03%	0.379%
41	11.786	1646	1649	1654	rVB2	167569	170648	4.14%	0.390%
42	11.833	1655	1657	1659	rBV	60174	50739	1.23%	0.116%
43	12.004	1683	1686	1688	rBV	365564	372228	9.04%	0.851%
44	12.033	1688	1691	1696	rVV	537468	603943	14.67%	1.381%
45	12.080	1696	1699	1702	rVV	209100	192805	4.68%	0.441%
46	12.121	1702	1706	1708	rVV2	452933	517698	12.57%	1.184%
47	12.145	1708	1710	1713	rVB2	349289	286149	6.95%	0.655%
48	12.198	1716	1719	1724	rBV2	178695	177260	4.31%	0.405%
49	12.251	1724	1728	1730	rBV4	108120	146641	3.56%	0.335%
50	12.304	1735	1737	1739	rVV	322421	285395	6.93%	0.653%
51	12.327	1739	1741	1744	rVV2	190445	192672	4.68%	0.441%
52	12.363	1744	1747	1754	rVV	1544412	1463068	35.53%	3.347%
53	12.416	1754	1756	1757	rVV2	66458	64504	1.57%	0.148%
54	12.451	1760	1762	1765	rVV	180423	216750	5.26%	0.496%
55	12.486	1765	1768	1770	rVV	143216	168017	4.08%	0.384%
56	12.510	1770	1772	1774	rVV	136671	128644	3.12%	0.294%
57	12.557	1777	1780	1783	rVV	259454	349475	8.49%	0.799%
58	12.592	1783	1786	1789	rVV3	291584	410119	9.96%	0.938%
59	12.645	1792	1795	1801	rVB3	131784	154099	3.74%	0.352%
60	12.733	1805	1810	1813	rVV	1870686	1842770	44.76%	4.215%
61	12.768	1813	1816	1818	rVV2	62262	67113	1.63%	0.154%
62	12.821	1822	1825	1827	rVB	113629	98032	2.38%	0.224%
63	12.963	1842	1849	1854	rBV2	1903803	2081082	50.54%	4.760%
64	13.004	1854	1856	1861	rVB2	113560	130323	3.17%	0.298%
65	13.074	1865	1868	1869	rBV	123105	108409	2.63%	0.248%
66	13.098	1869	1872	1879	rVB	1587732	1475716	35.84%	3.376%
67	13.174	1880	1885	1889	rBV2	157484	279034	6.78%	0.638%
68	13.257	1897	1899	1901	rBV3	90638	99346	2.41%	0.227%
69	13.286	1901	1904	1907	rVB2	303054	282983	6.87%	0.647%
70	13.321	1908	1910	1912	rBV2	62912	60262	1.46%	0.138%
71	13.351	1913	1915	1918	rVB	182016	146260	3.55%	0.335%
72	13.392	1918	1922	1925	rBV2	195327	214396	5.21%	0.490%
73	13.445	1929	1931	1934	rBV2	57921	65223	1.58%	0.149%
74	13.486	1935	1938	1940	rVB	111644	99118	2.41%	0.227%
75	13.516	1940	1943	1946	rBV	121646	114614	2.78%	0.262%
76	13.668	1967	1969	1971	rBV2	59629	60070	1.46%	0.137%

LSC Area Percent Report

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Acq On : 28 Nov 2022 19:54
Operator : CG\JU
Sample : N5752-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-11S

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-BF112122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.792	1988	1990	1995	rVB	148227	160784	3.90%	0.368%
78	13.910	2006	2010	2013	rBV3	149280	184282	4.48%	0.422%
79	13.939	2013	2015	2017	rVV	180193	141777	3.44%	0.324%
80	13.963	2017	2019	2023	rVV2	132054	177953	4.32%	0.407%
81	14.004	2023	2026	2034	rVB3	257717	325985	7.92%	0.746%
82	14.157	2048	2052	2056	rBV3	1217253	1614354	39.21%	3.693%
83	14.192	2056	2058	2063	rVB	1013689	866896	21.05%	1.983%
84	14.268	2069	2071	2073	rVB2	131148	105088	2.55%	0.240%
85	14.310	2075	2078	2082	rBV3	81707	124140	3.02%	0.284%
86	14.551	2116	2119	2122	rVB	233943	207386	5.04%	0.474%
87	14.586	2123	2125	2128	rVB	139300	109777	2.67%	0.251%
88	14.627	2130	2132	2134	rBV	85931	83934	2.04%	0.192%
89	14.680	2139	2141	2143	rVV	134596	121065	2.94%	0.277%
90	14.704	2143	2145	2148	rVB3	112148	94604	2.30%	0.216%
91	14.957	2186	2188	2191	rBV2	85427	83475	2.03%	0.191%
92	15.251	2233	2238	2241	rBV	746089	1260856	30.62%	2.884%
93	15.362	2254	2257	2260	rVB	172925	176507	4.29%	0.404%
94	15.574	2289	2293	2299	rVB	457947	609861	14.81%	1.395%
95	15.645	2300	2305	2310	rVB	674640	897224	21.79%	2.052%
96	15.704	2311	2315	2318	rVV	290101	423690	10.29%	0.969%
97	15.739	2318	2321	2328	rVB2	241767	358403	8.70%	0.820%
98	17.280	2577	2583	2591	rVB2	252745	530625	12.89%	1.214%
99	17.756	2657	2664	2678	rVB	184761	451510	10.97%	1.033%

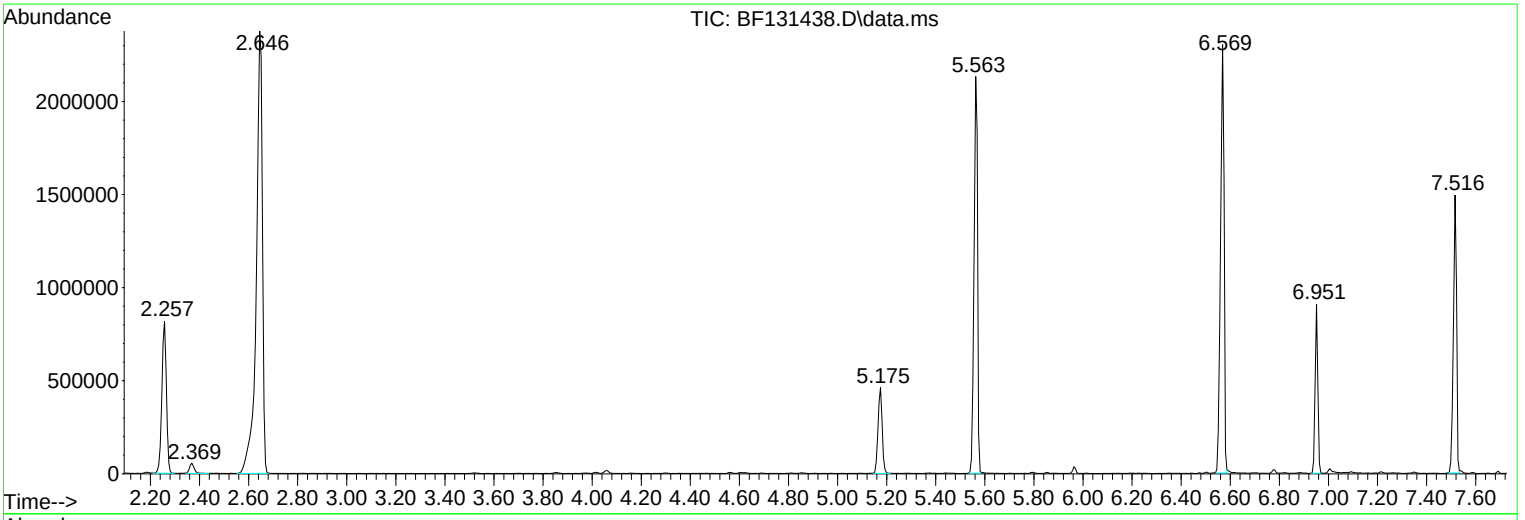
Sum of corrected areas: 43717568

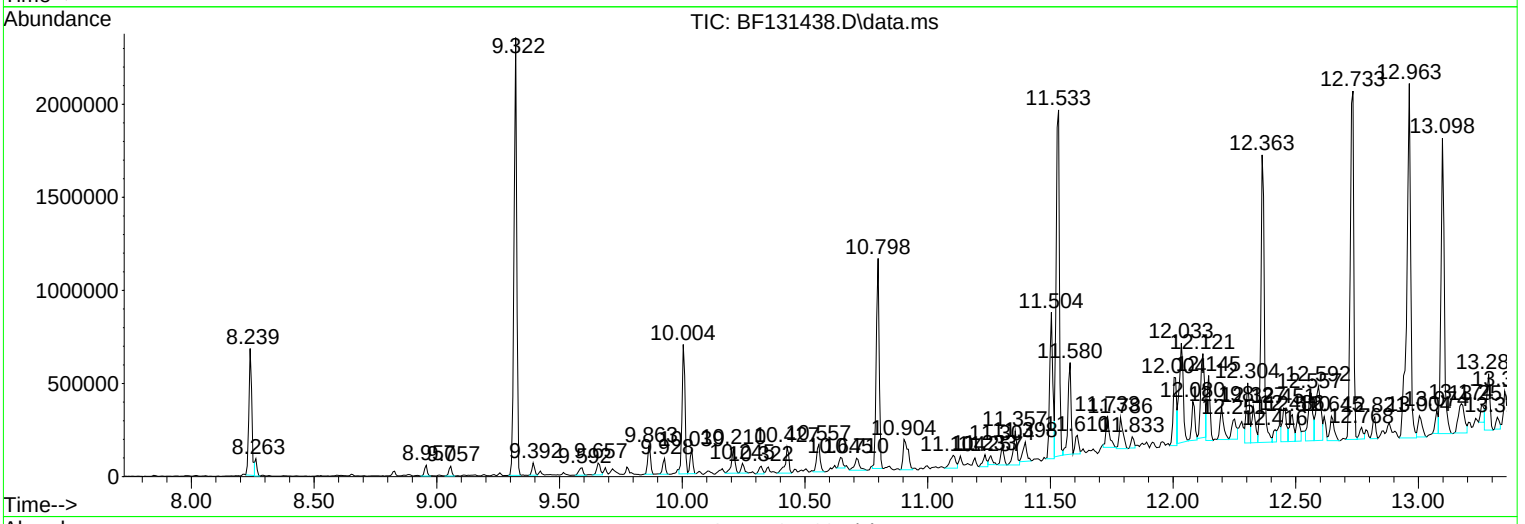
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
Data File : BF131438.D
Acq On : 28 Nov 2022 19:54
Operator : CG\JU
Sample : N5752-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

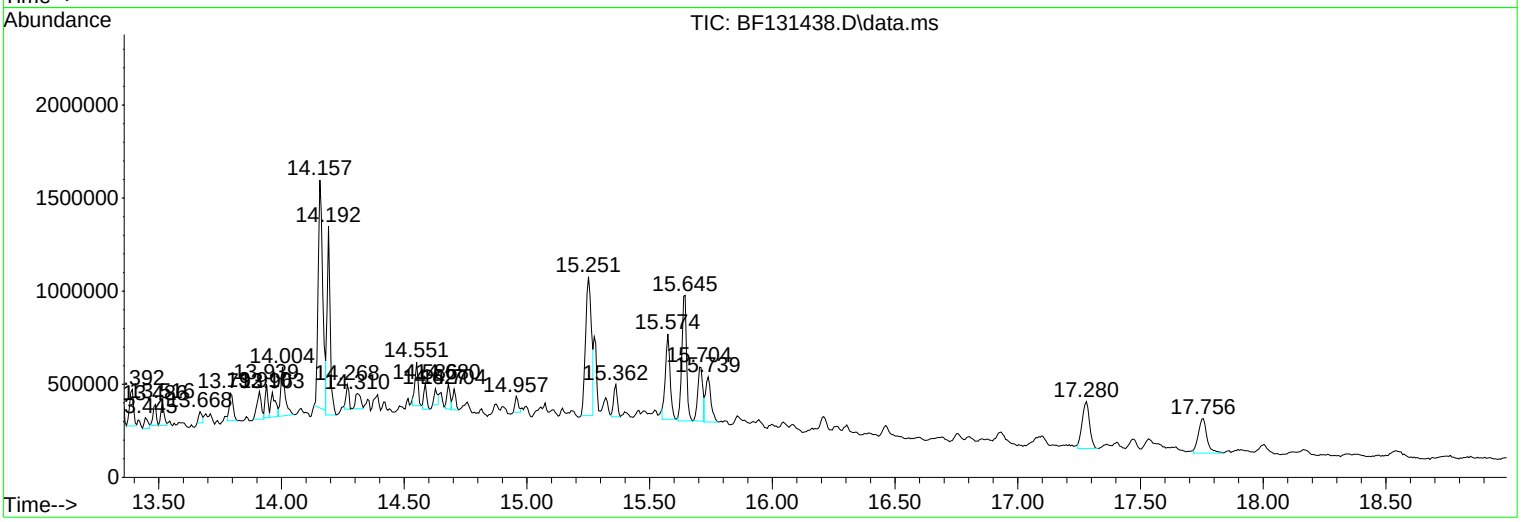
Instrument :
BNA_F
ClientSampleId :
B-11S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

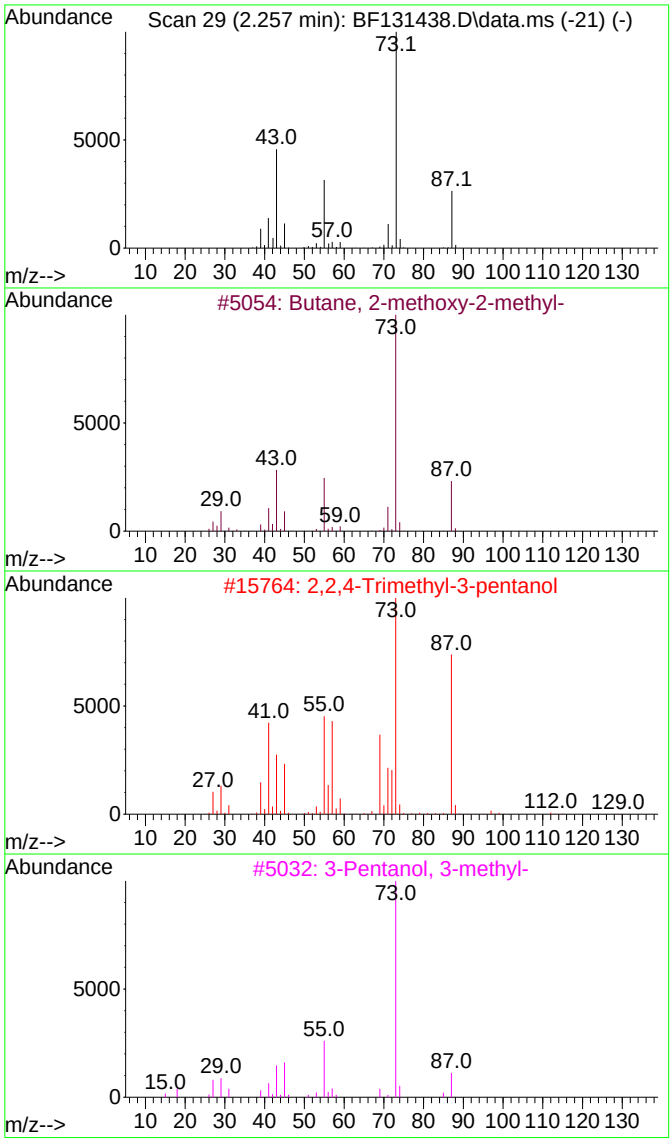
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

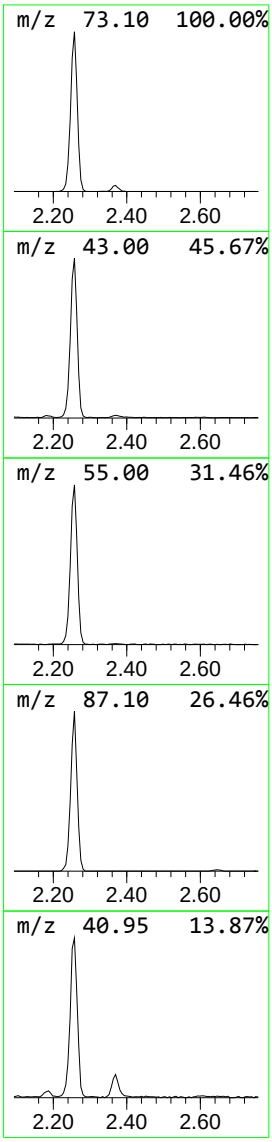
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.257	30.46 ng	1049520	1,4-Dichlorobenzene-d4	6.951

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	39
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	37
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

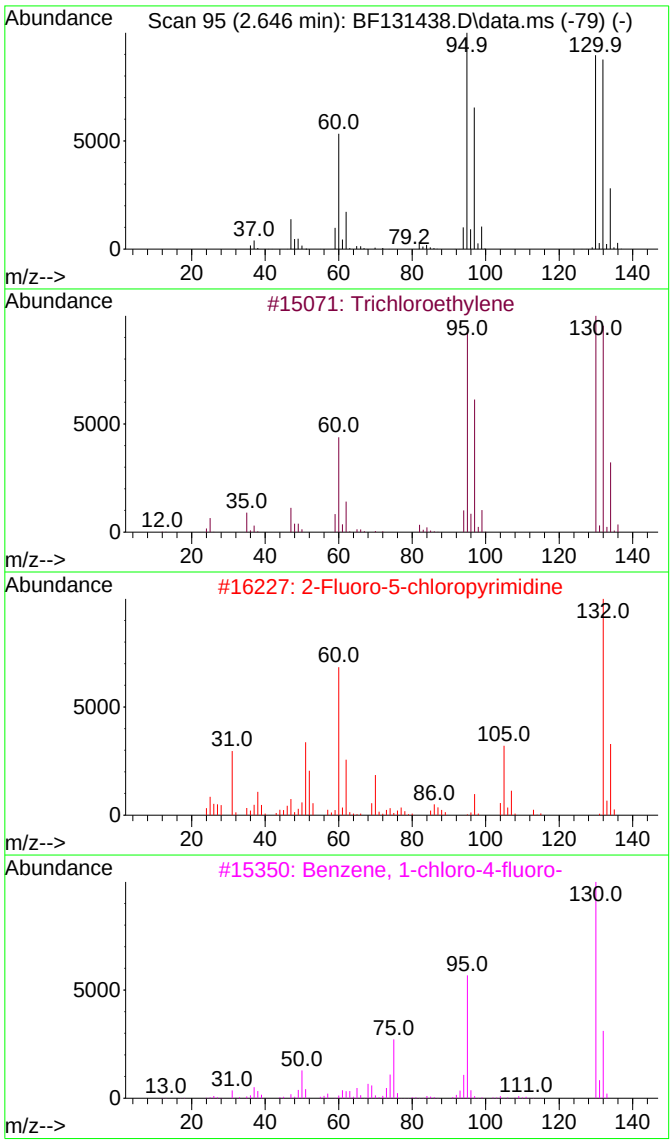
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

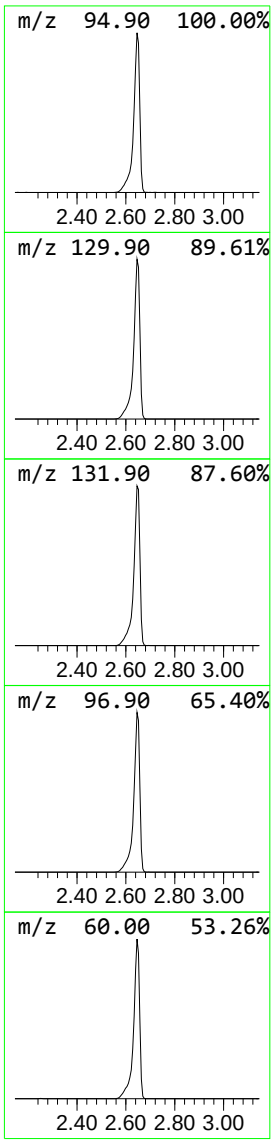
****

Peak Number 2 Trichloroethylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.646	119.49 ng	4117400	1,4-Dichlorobenzene-d4	6.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroethylene	130	C2HCl3	000079-01-6	98
2	2-Fluoro-5-chloropyrimidine	132	C4H2ClFN2	062802-37-3	35
3	Benzene, 1-chloro-4-fluoro-	130	C6H4ClF	000352-33-0	22
4	1H-1,2,4-Triazol-3-amine, 5-(met...	130	C3H6N4S	045534-08-5	10
5	Ethyne, chloro-	60	C2HCl	000593-63-5	10





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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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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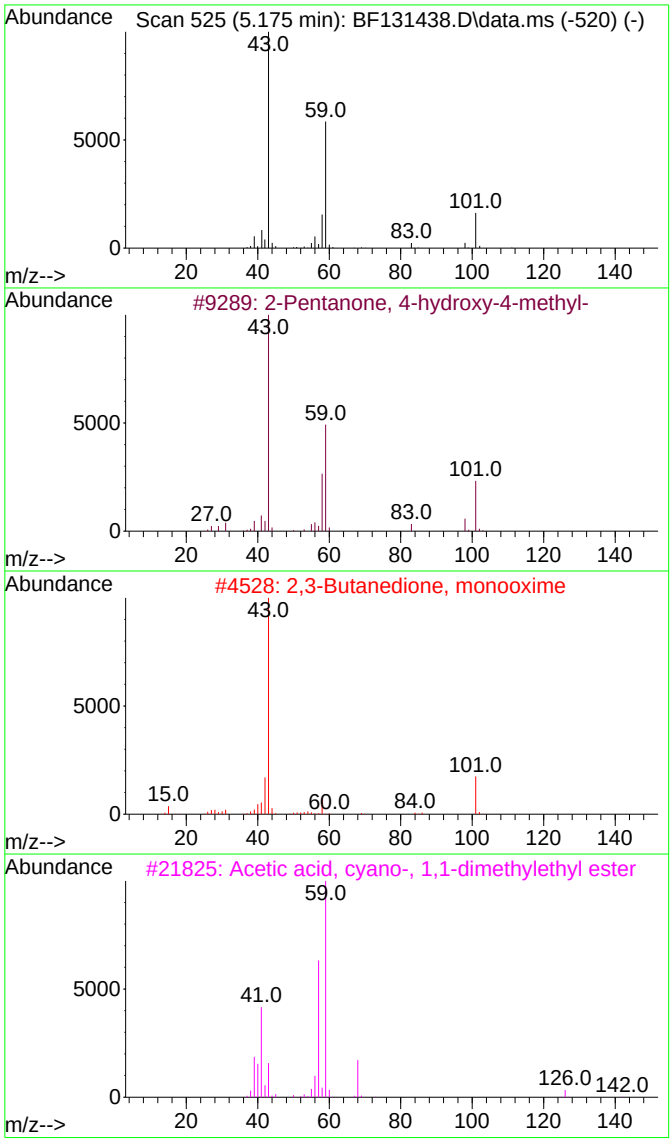
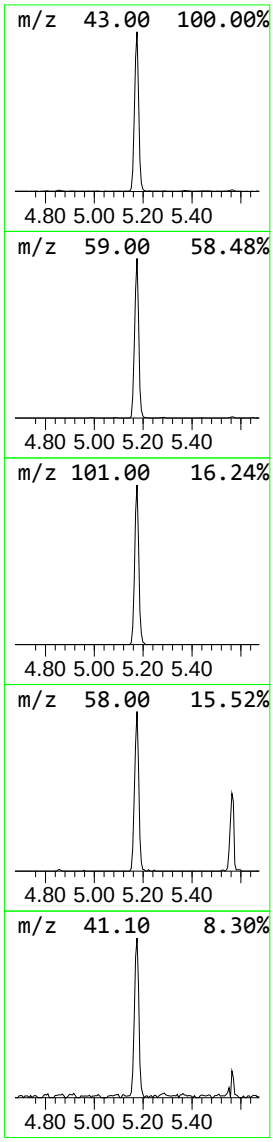
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.175	15.63 ng	538490	1,4-Dichlorobenzene-d4	6.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	Ethanol, pentamethyl-	116	C7H16O	000594-83-2	9





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Misc :
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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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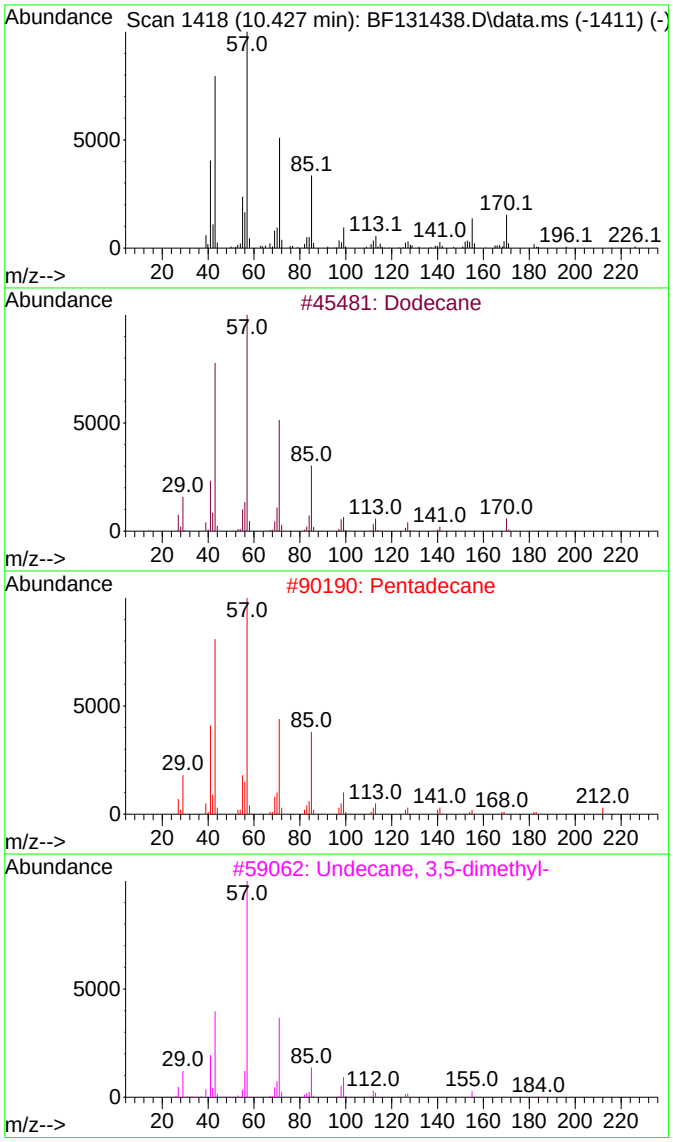
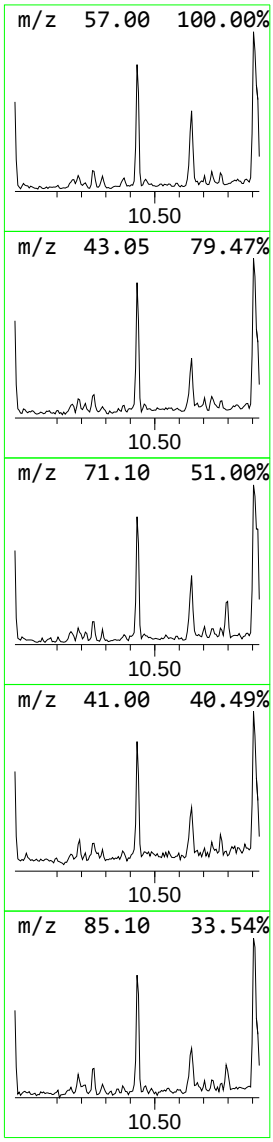
Peak Number 4 Dodecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.428	5.10 ng	147173	Acenaphthene-d10	10.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	87
2	Pentadecane	212	C15H32	000629-62-9	72
3	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	70
4	Hexadecane	226	C16H34	000544-76-3	68
5	Heptadecane	240	C17H36	000629-78-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
Data File : BF131438.D
Acq On : 28 Nov 2022 19:54
Operator : CG\JU
Sample : N5752-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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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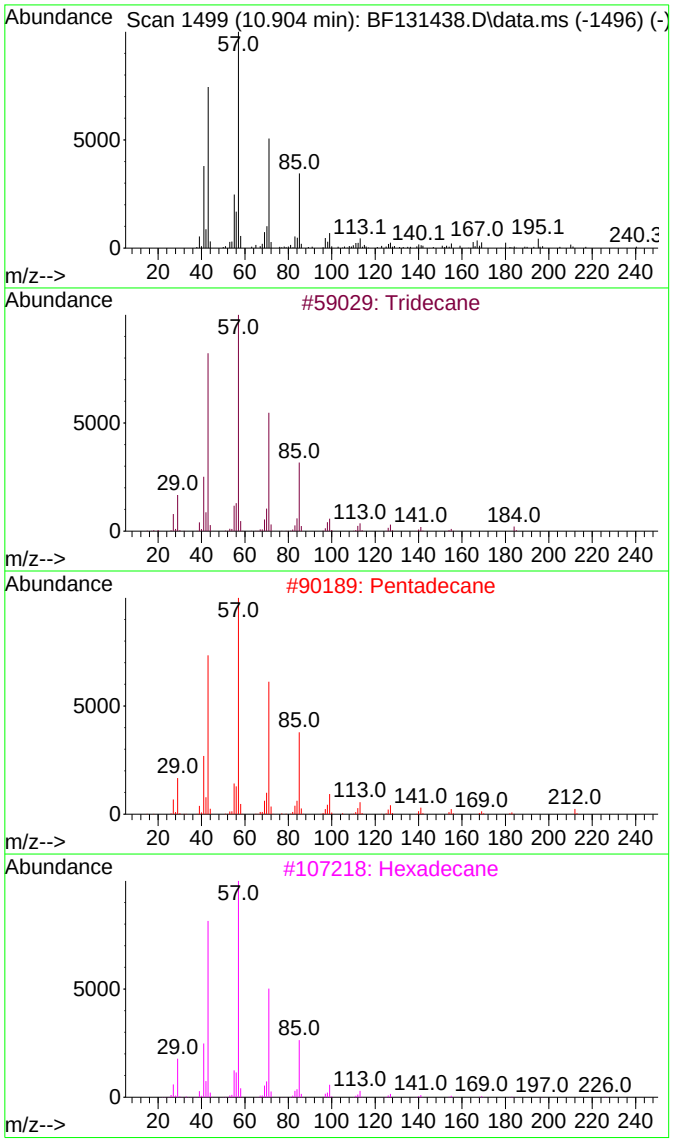
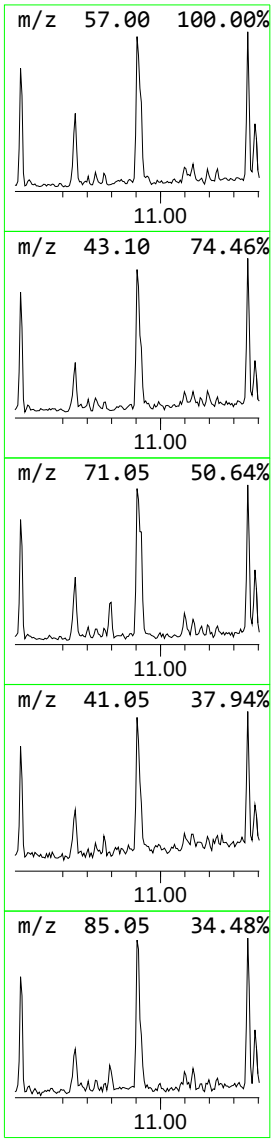
Peak Number 5 Tridecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.904	6.31 ng	227906	Phenanthrene-d10	11.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Pentadecane	212	C15H32	000629-62-9	80
3	Hexadecane	226	C16H34	000544-76-3	80
4	Heptacosane	380	C27H56	000593-49-7	80
5	Heptadecane	240	C17H36	000629-78-7	80





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Misc :
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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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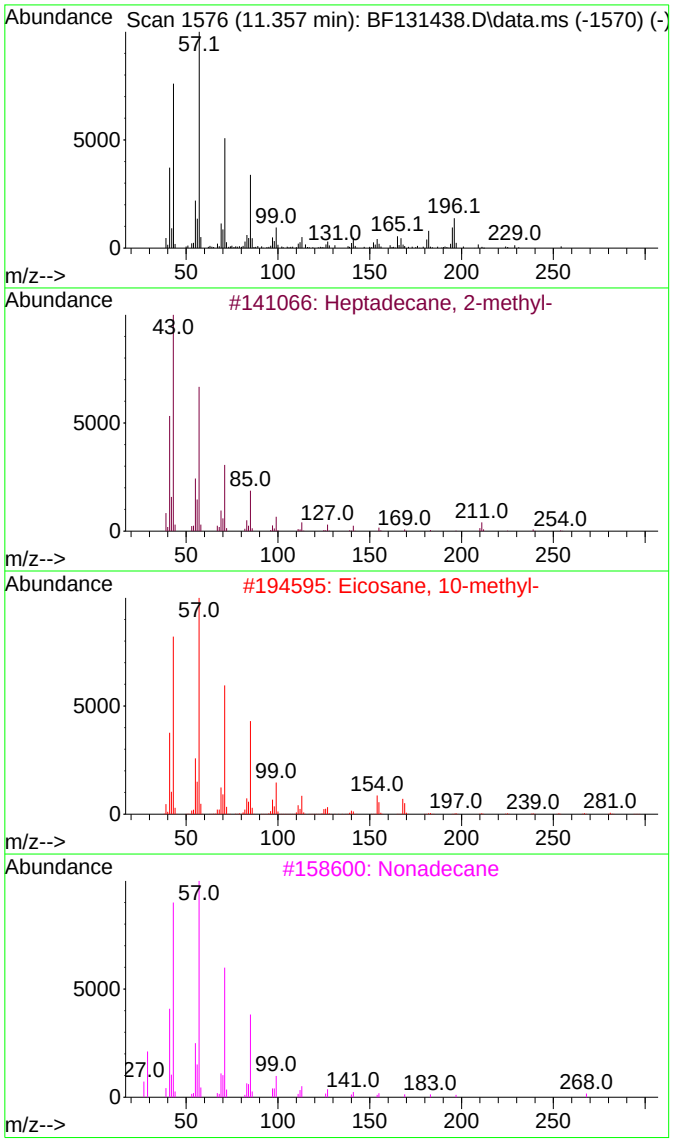
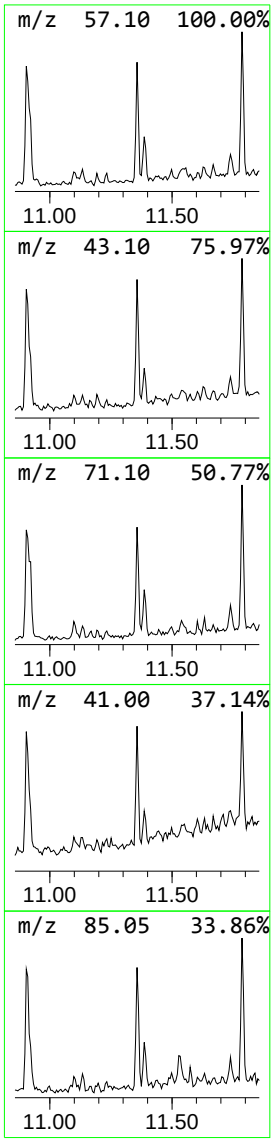
Peak Number 6 Heptadecane, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.357	5.21 ng	188016	Phenanthrene-d10	11.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	62
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	62
3	Nonadecane	268	C19H40	000629-92-5	62
4	Heptadecane	240	C17H36	000629-78-7	62
5	Pentadecane	212	C15H32	000629-62-9	58





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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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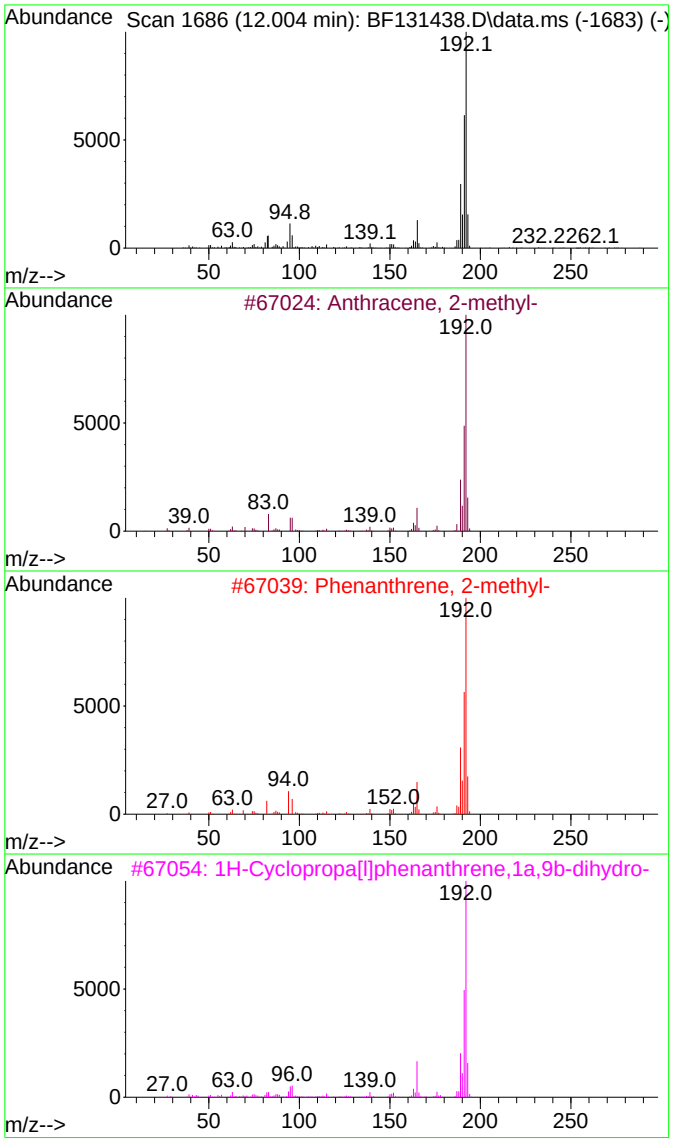
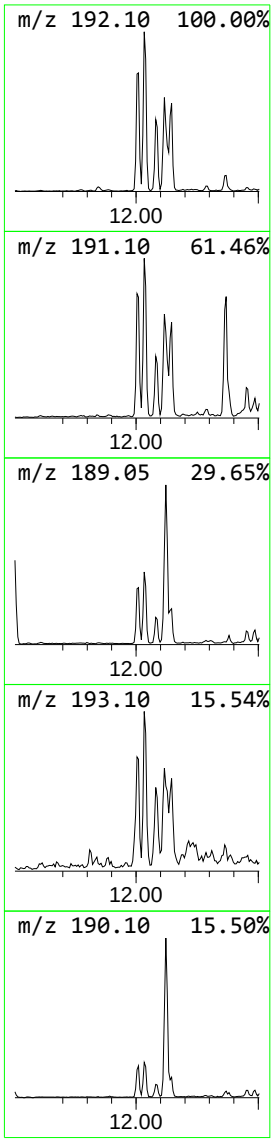
Peak Number 7 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	10.31 ng	372228	Phenanthrene-d10	11.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	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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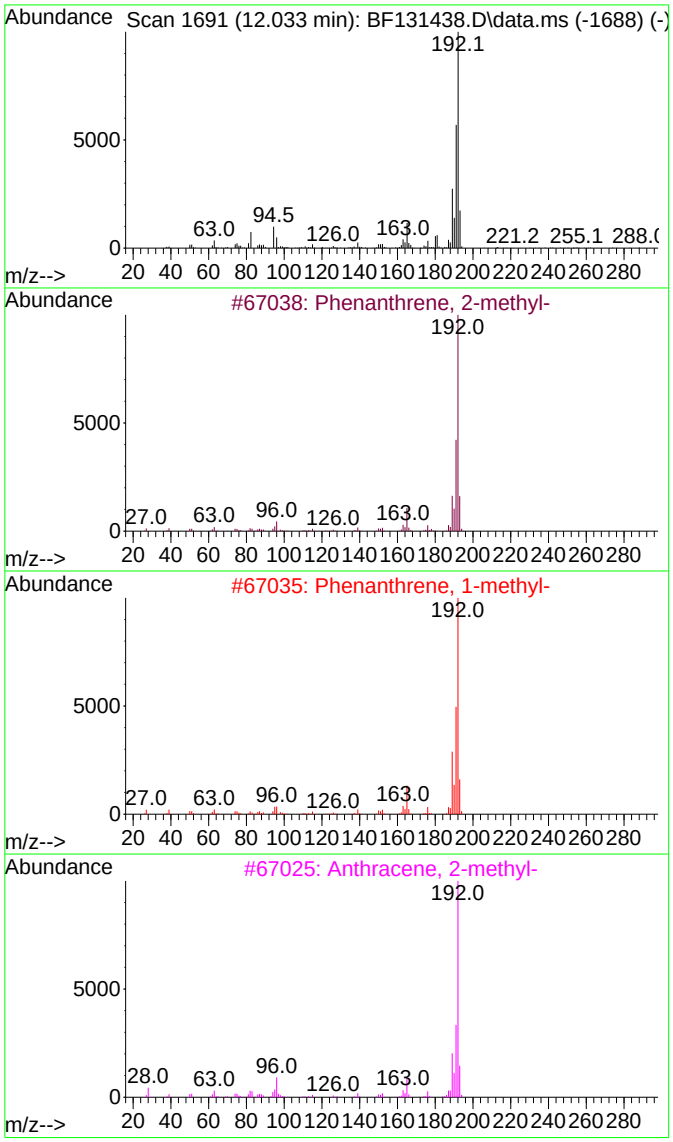
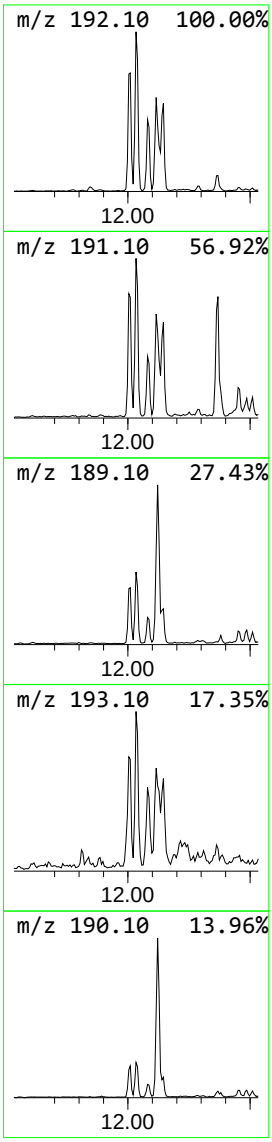
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.033	16.73 ng	603943	Phenanthrene-d10	11.504

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	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





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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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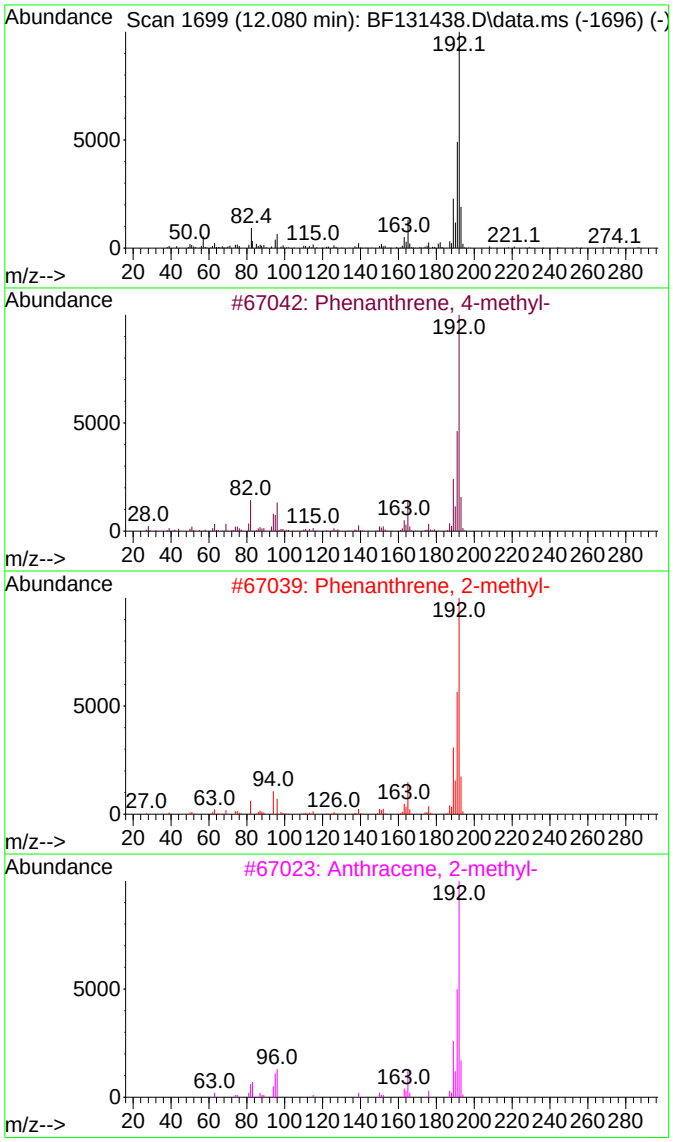
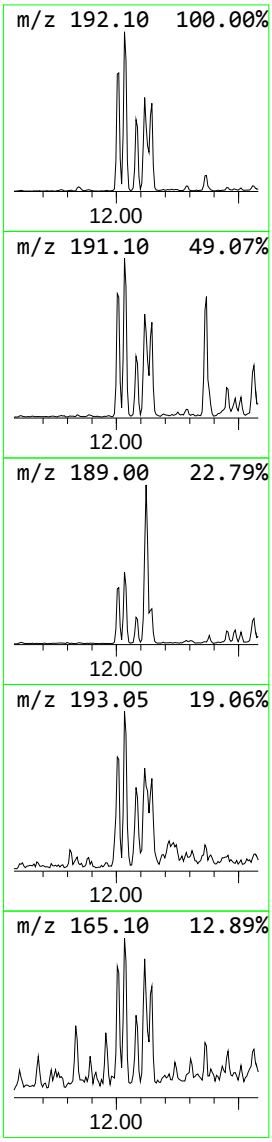
Peak Number 9 Phenanthrene, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.080	5.34 ng	192805	Phenanthrene-d10	11.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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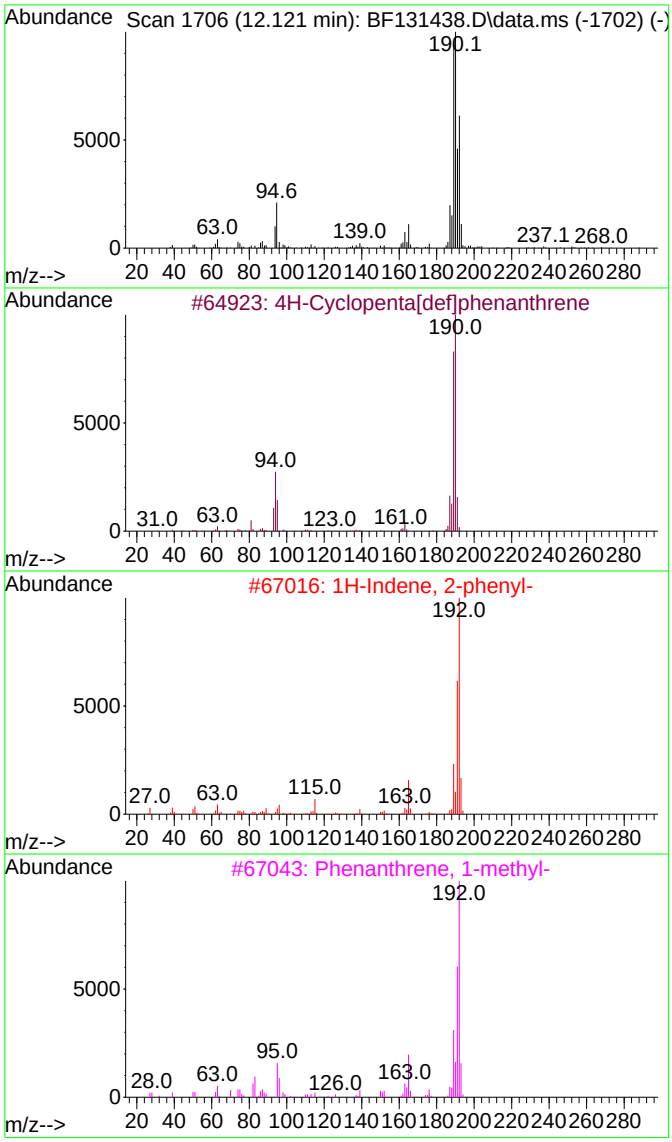
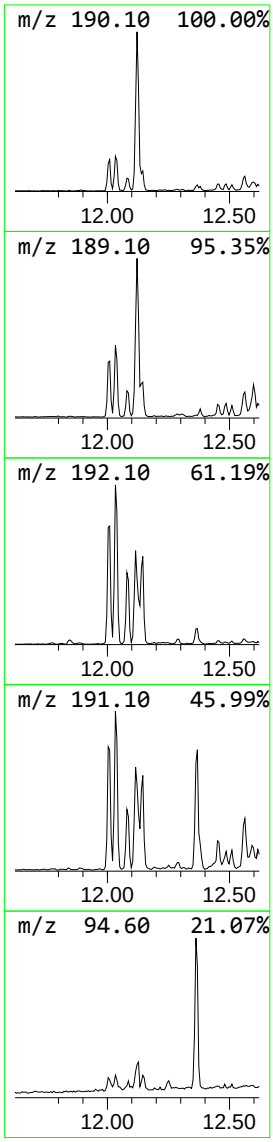
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.121	14.34 ng	517698	Phenanthrene-d10	11.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	35
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	30





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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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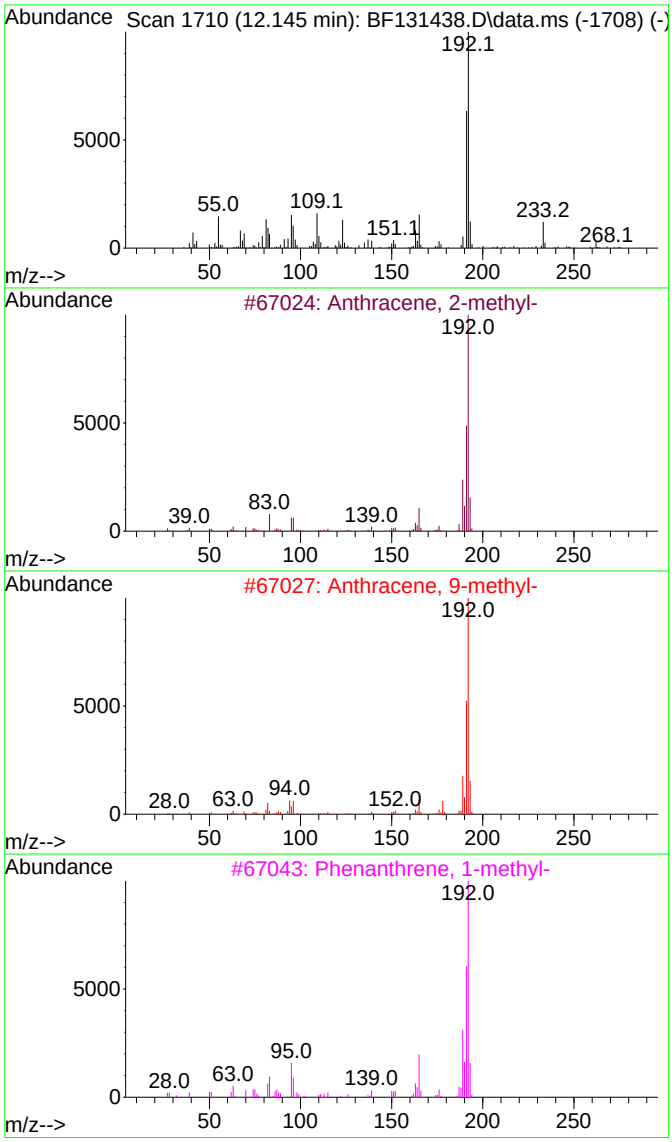
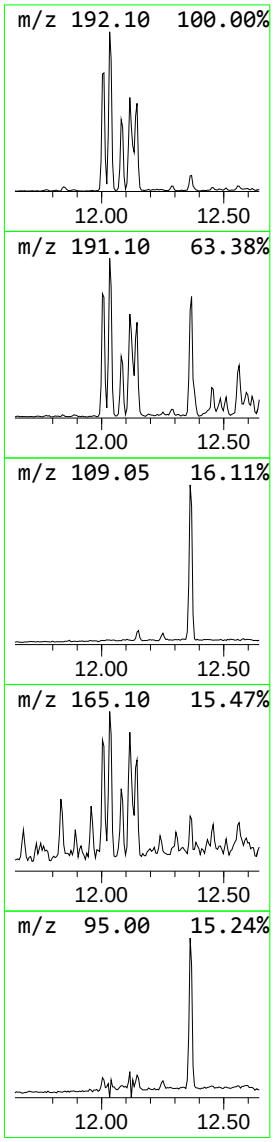
Peak Number 11 Anthracene, 9-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.145	7.93 ng	286149	Phenanthrene-d10	11.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	76
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	74
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	72
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	72
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64





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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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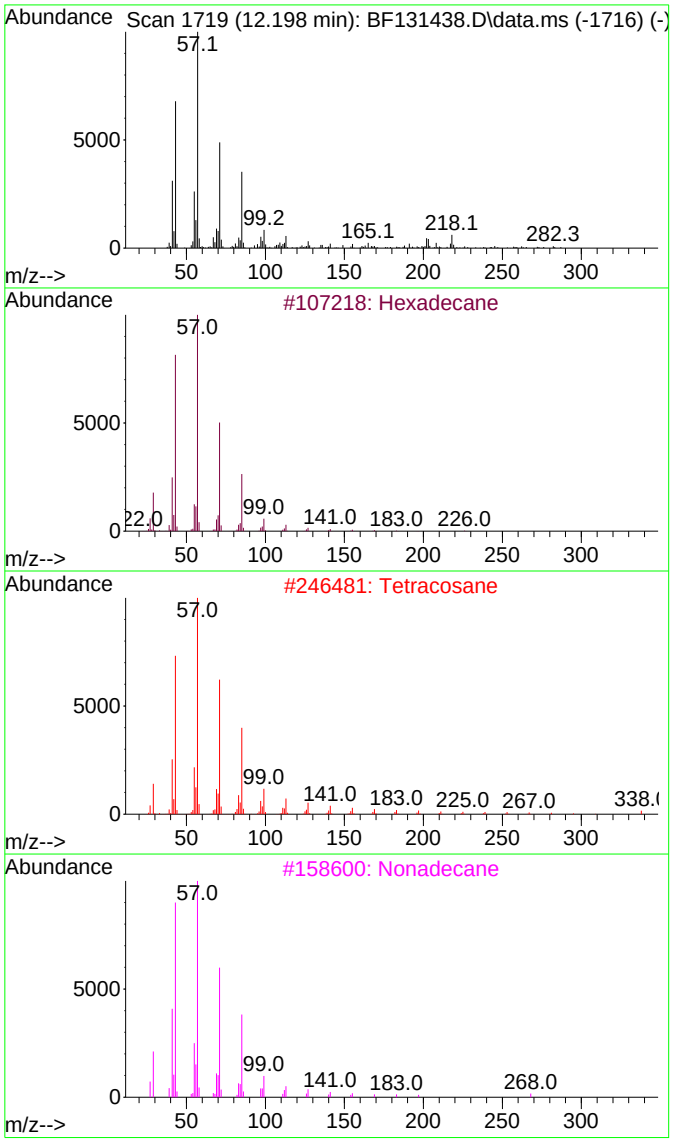
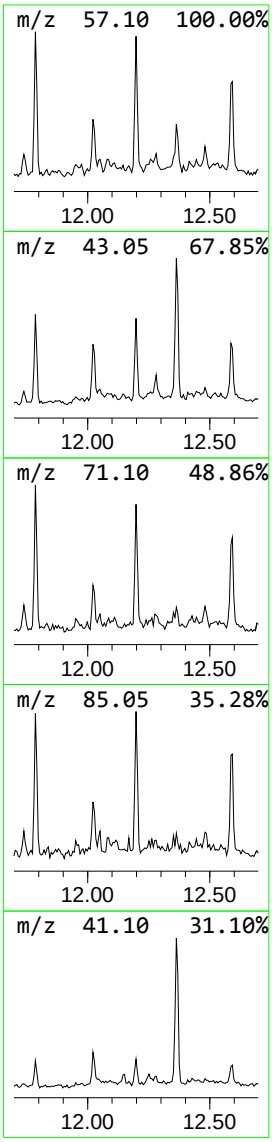
Peak Number 12 Hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.198	4.91 ng	177260	Phenanthrene-d10	11.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Tetracosane	338	C24H50	000646-31-1	74
3	Nonadecane	268	C19H40	000629-92-5	74
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
5	Hexacosane	366	C26H54	000630-01-3	72





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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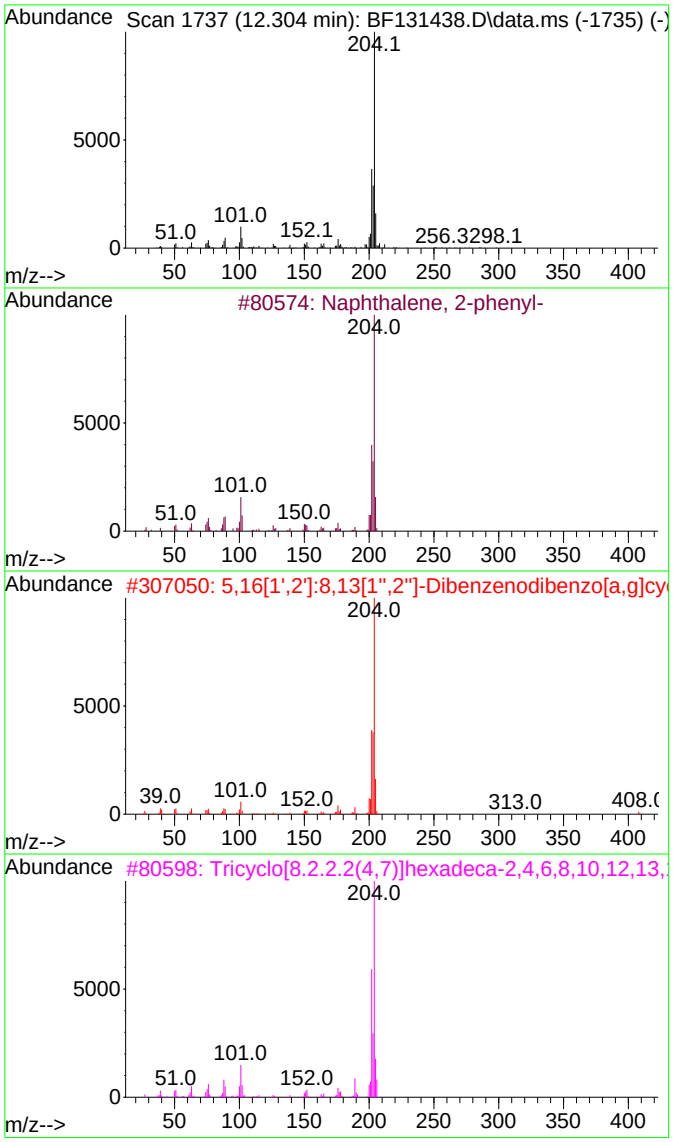
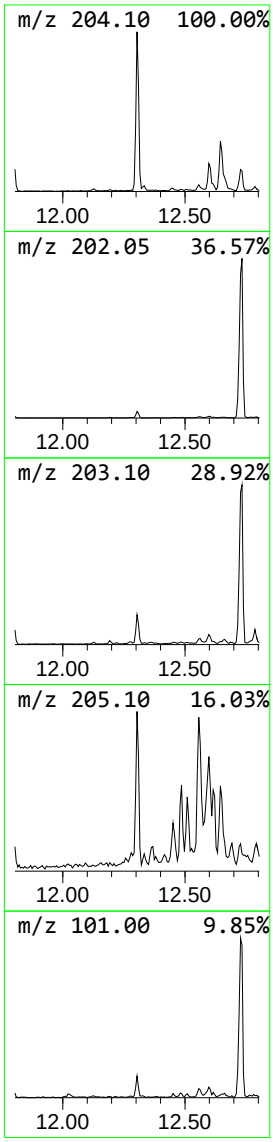
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.304	7.90 ng	285395	Phenanthrene-d10	11.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	60
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	58





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TIC Library : C:\Database\NIST20.L
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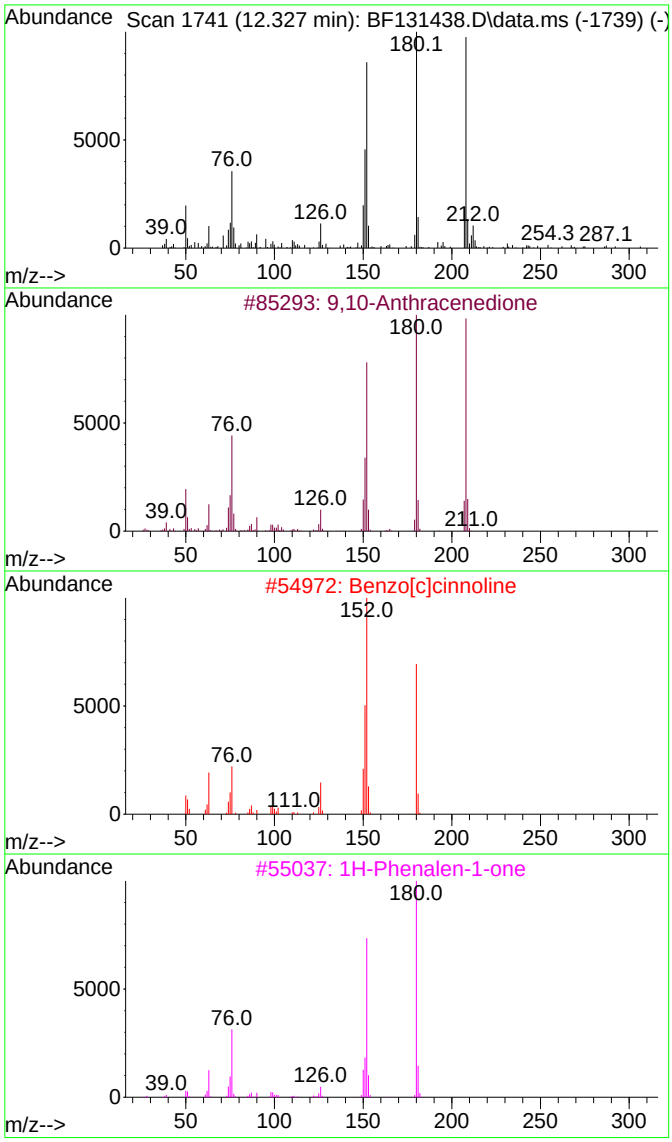
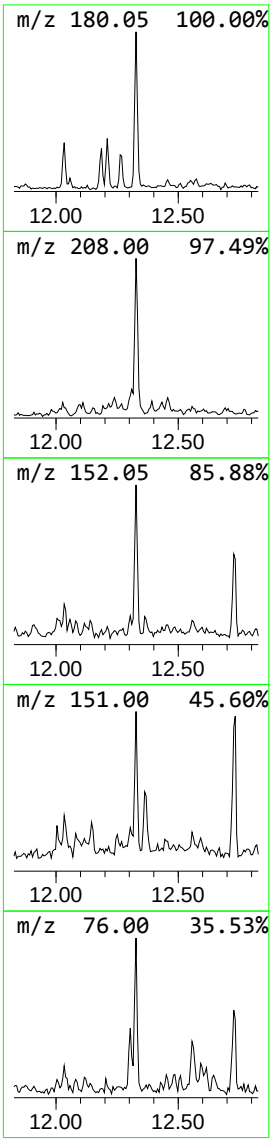
Peak Number 14 9,10-Anthracenedione Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.327	5.34 ng	192672	Phenanthrene-d10	11.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	53
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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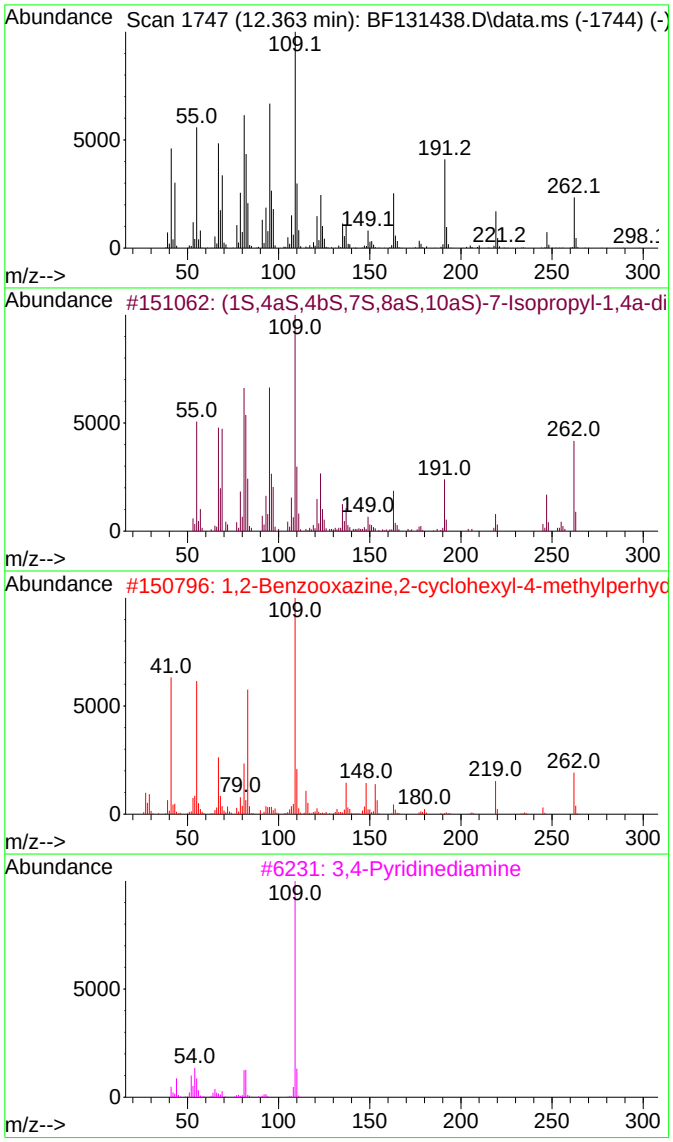
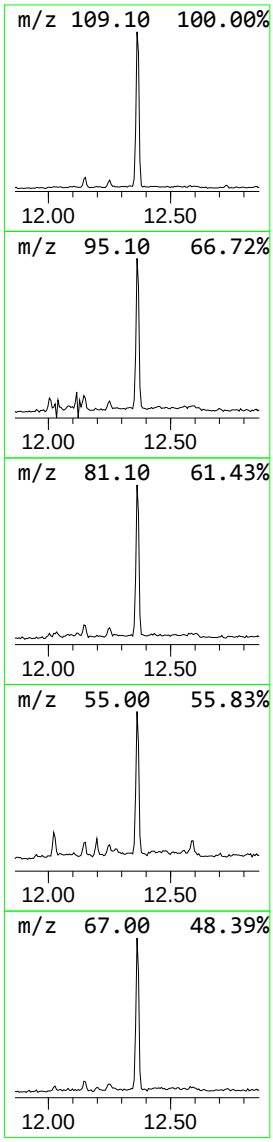
Peak Number 15 (1S,4aS,4bS,7S,8aS,10aS)-7-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.363	40.52 ng	1463070	Phenanthrene-d10	11.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1S,4aS,4bS,7S,8aS,10aS)-7-Isopr...	262	C19H34	002221-95-6	95
2	1,2-Benzooxazine,2-cyclohexyl-4-...	262	C16H26N2O	037898-39-8	30
3	3,4-Pyridinediamine	109	C5H7N3	000054-96-6	27
4	7-Heptadecyne, 1-chloro-	270	C17H31Cl	056554-74-6	27
5	7-Octadecyne, 2-methyl-	264	C19H36	035354-38-2	27





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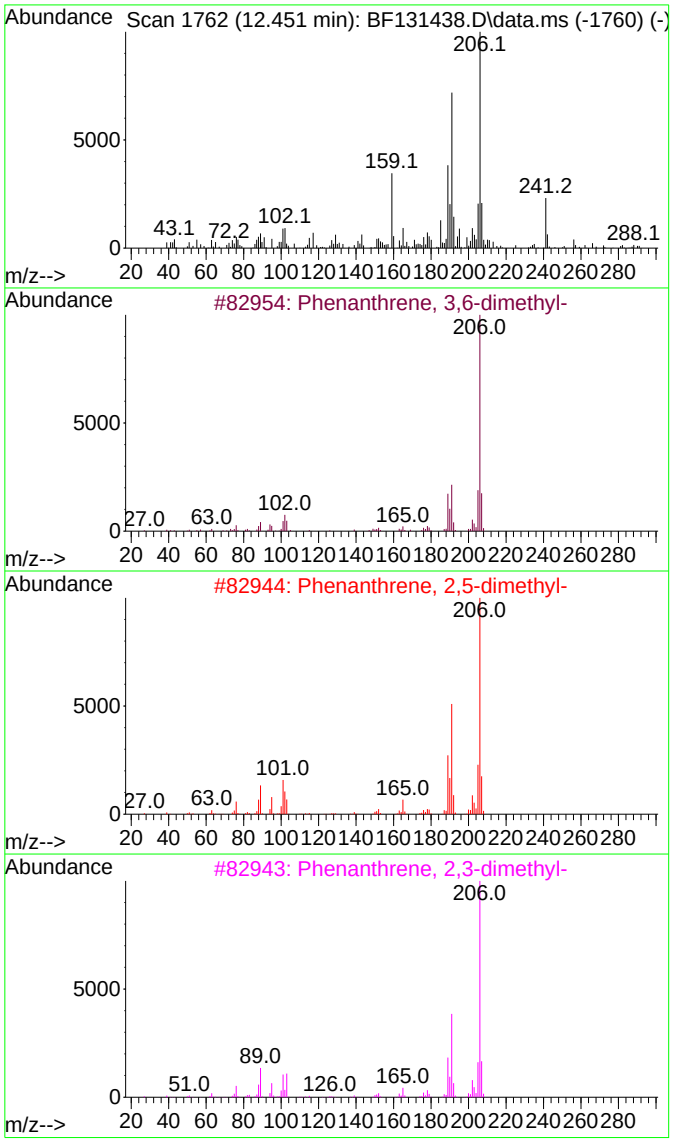
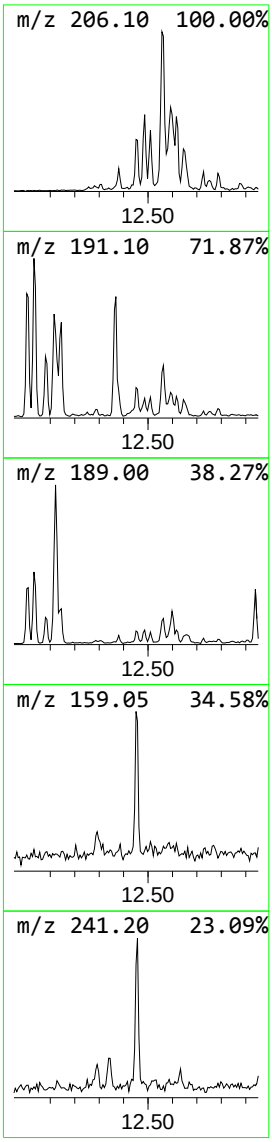
Peak Number 16 Phenanthrene, 3,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	6.00 ng	216750	Phenanthrene-d10	11.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	81
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	81
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	81





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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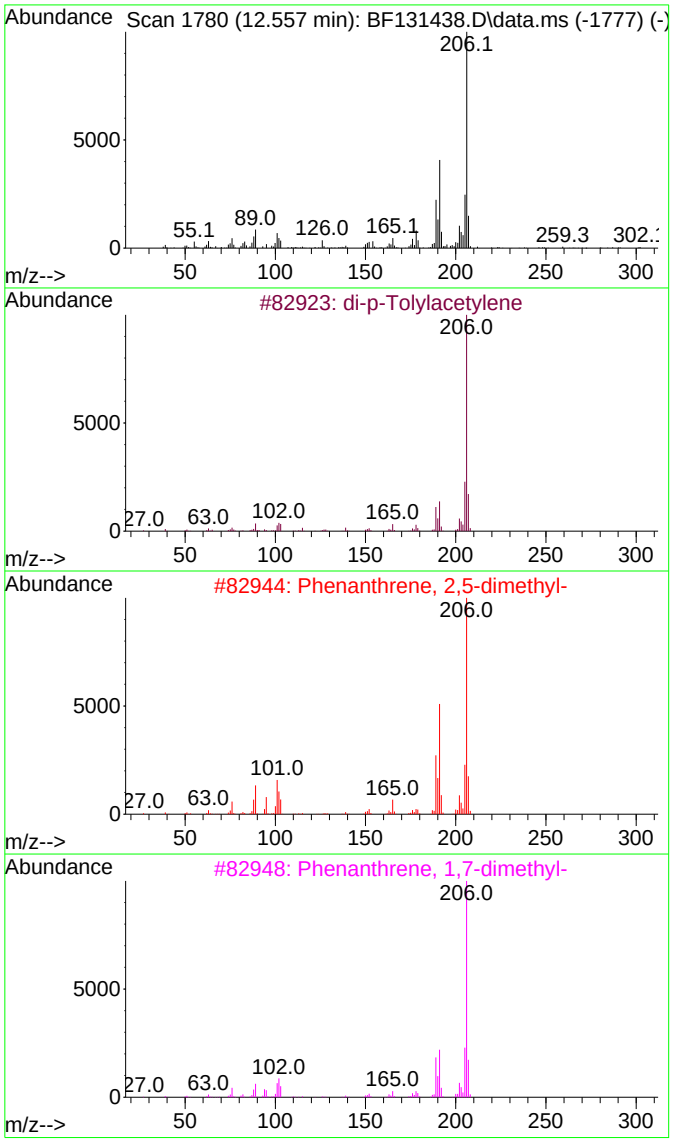
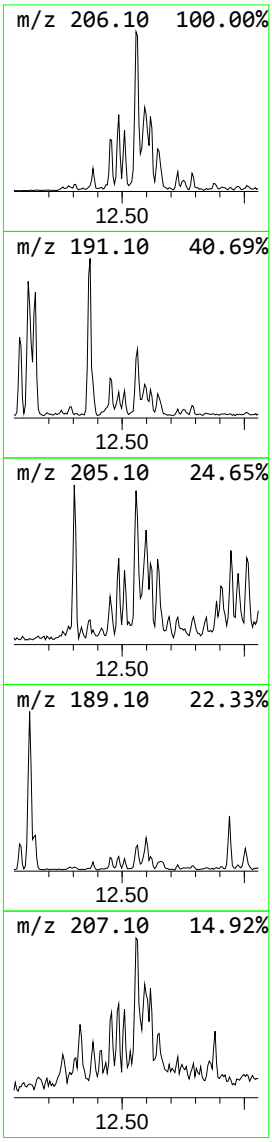
Peak Number 17 di-p-Tolylacetylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.557	9.68 ng	349475	Phenanthrene-d10	11.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86





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Acq On : 28 Nov 2022 19:54
Operator : CG\JU
Sample : N5752-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-11S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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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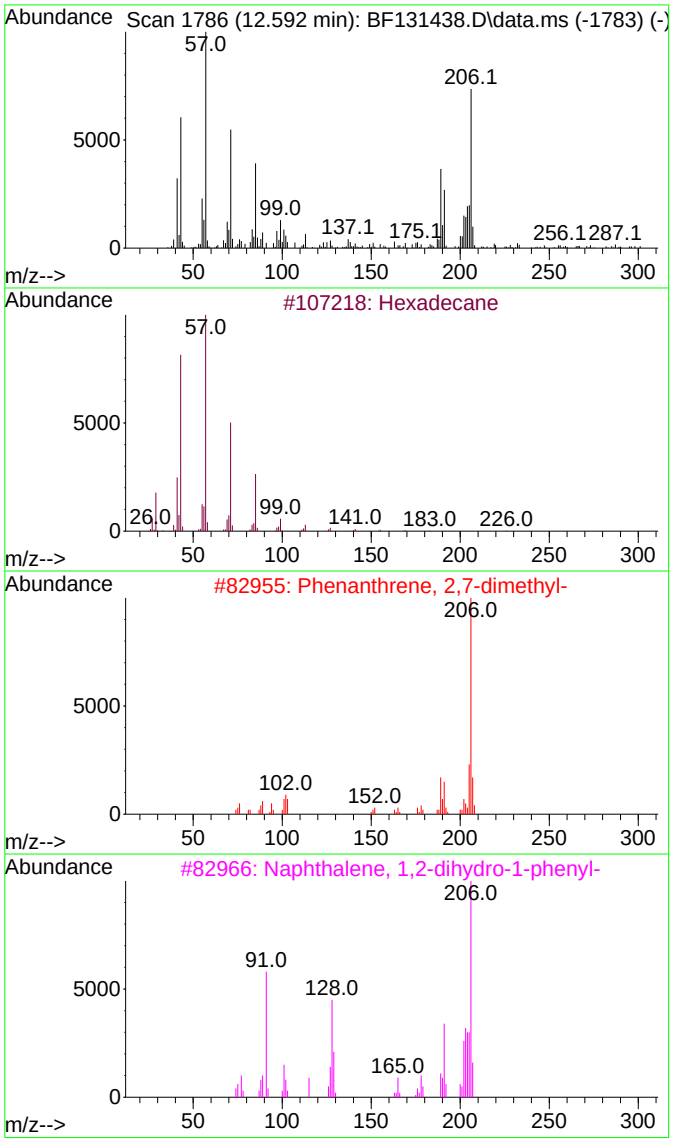
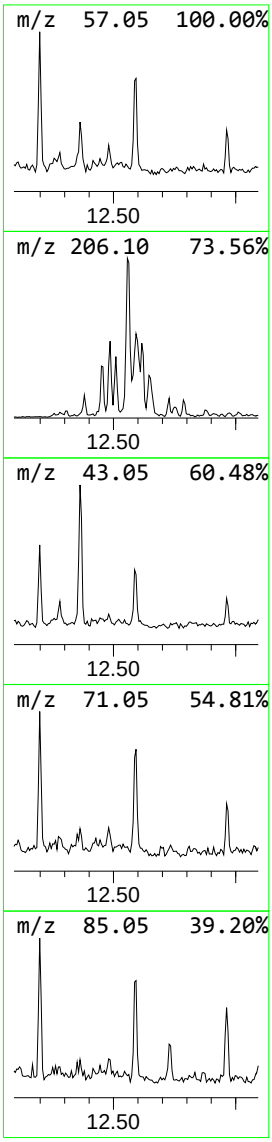
Peak Number 18 Phenanthrene, 2,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.592	11.36 ng	410119	Phenanthrene-d10	11.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	62
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	58
3	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	55
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	50
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	43





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Data File : BF131438.D
Acq On : 28 Nov 2022 19:54
Operator : CG\JU
Sample : N5752-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-11S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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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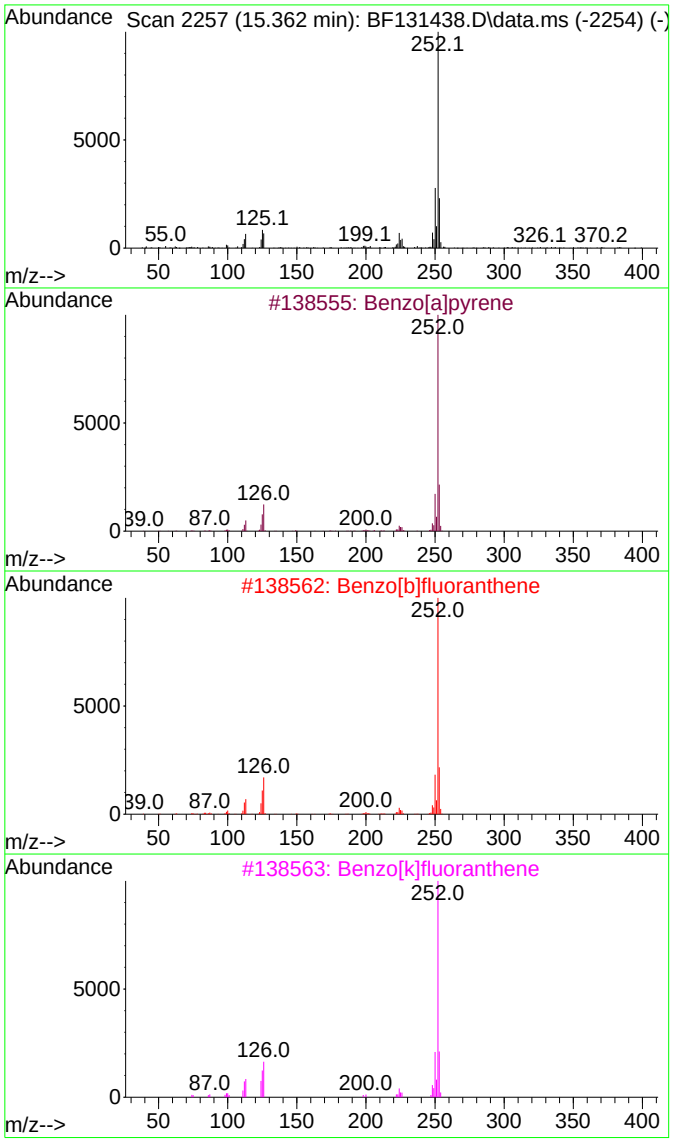
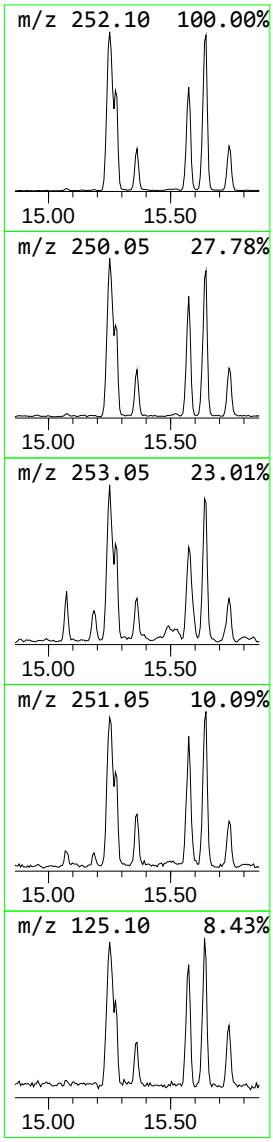
Peak Number 19 Perylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.362	8.33 ng	176507	Perylene-d12	15.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	91
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	83
4	Benzo[e]pyrene	252	C20H12	000192-97-2	81
5	Perylene	252	C20H12	000198-55-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
Data File : BF131438.D
Acq On : 28 Nov 2022 19:54
Operator : CG\JU
Sample : N5752-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-11S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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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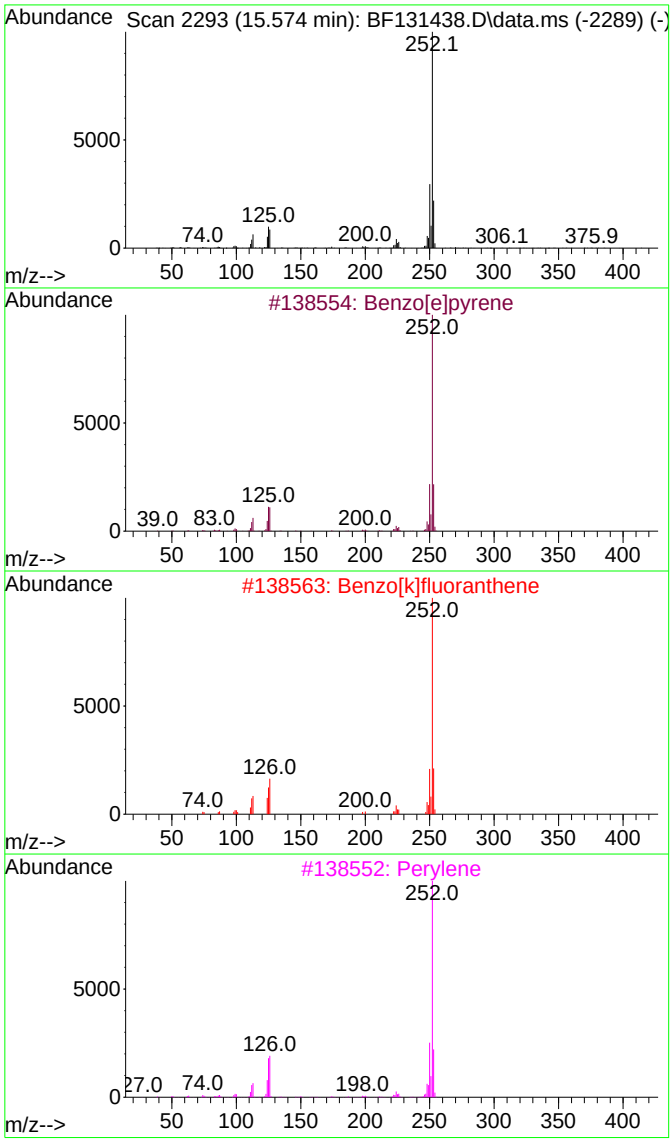
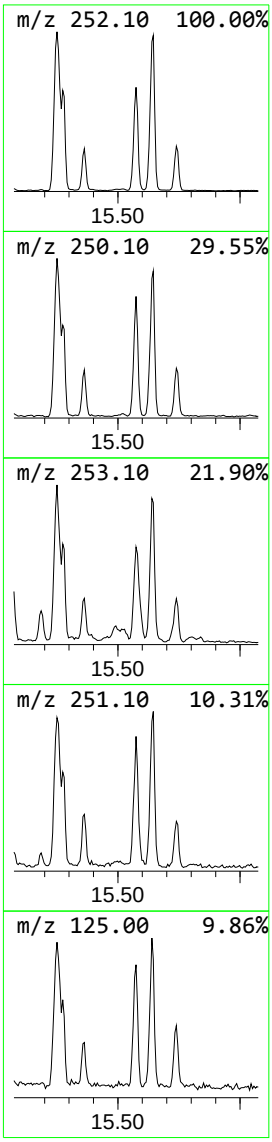
Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.574	28.79 ng	609861	Perylene-d12	15.710

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	98
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
Data File : BF131438.D
Acq On : 28 Nov 2022 19:54
Operator : CG\JU
Sample : N5752-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-11S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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...	2.257	30.5	ng	1049520	1	6.951	689145	20.0
Trichloroethylene	2.646	119.5	ng	4117400	1	6.951	689145	20.0
2-Pentanone, 4-...	5.175	15.6	ng	538490	1	6.951	689145	20.0
Dodecane	10.428	5.1	ng	147173	3	10.004	577418	20.0
Tridecane	10.904	6.3	ng	227906	4	11.504	722072	20.0
Heptadecane, 2-...	11.357	5.2	ng	188016	4	11.504	722072	20.0
Anthracene, 2-m...	12.004	10.3	ng	372228	4	11.504	722072	20.0
Phenanthrene, 2...	12.033	16.7	ng	603943	4	11.504	722072	20.0
Phenanthrene, 4...	12.080	5.3	ng	192805	4	11.504	722072	20.0
4H-Cyclopenta[d...	12.121	14.3	ng	517698	4	11.504	722072	20.0
Anthracene, 9-m...	12.145	7.9	ng	286149	4	11.504	722072	20.0
Hexadecane	12.198	4.9	ng	177260	4	11.504	722072	20.0
Naphthalene, 2-...	12.304	7.9	ng	285395	4	11.504	722072	20.0
9,10-Anthracene...	12.327	5.3	ng	192672	4	11.504	722072	20.0
(1S,4aS,4bS,7S,...	12.363	40.5	ng	1463070	4	11.504	722072	20.0
Phenanthrene, 3...	12.451	6.0	ng	216750	4	11.504	722072	20.0
di-p-Tolylacety...	12.557	9.7	ng	349475	4	11.504	722072	20.0
Phenanthrene, 2...	12.592	11.4	ng	410119	4	11.504	722072	20.0
Perylene	15.362	8.3	ng	176507	6	15.710	423690	20.0
Benzo[e]pyrene	15.574	28.8	ng	609861	6	15.710	423690	20.0