LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080524\
Data File : BF138789.D
Acq On : 05 Aug 2024 17:02
Operator : RC/JU
Sample : P3463-03 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-082024

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-BF073024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138789.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.046	497	502	516	rVB	15500	23880	3.78%	0.308%
2	5.469	570	574	587	rVB	34457	52731	8.34%	0.681%
3	6.481	742	746	759	rBV	73373	105790	16.73%	1.365%
4	6.840	802	807	813	rBV	225010	285440	45.15%	3.684%
5	7.404	899	903	911	rBV	55717	71524	11.31%	0.923%
6	8.122	1018	1025	1031	rBV	276250	359837	56.91%	4.644%
7	8.410	1069	1074	1077	rBV5	5761	8928	1.41%	0.115%
8	8.534	1092	1095	1098	rBV	5662	6984	1.10%	0.090%
9	8.710	1120	1125	1128	rBV	14024	18189	2.88%	0.235%
10	8.939	1159	1164	1167	rBV3	10180	14581	2.31%	0.188%
11	9.069	1182	1186	1191	rBV5	6564	9680	1.53%	0.125%
12	9.134	1195	1197	1201	rVB2	11293	12047	1.91%	0.155%
13	9.192	1203	1207	1212	rBV	96338	122661	19.40%	1.583%
14	9.269	1216	1220	1224	rBV	27963	37078	5.86%	0.479%
15	9.463	1249	1253	1257	rVB2	11676	16932	2.68%	0.219%
16	9.534	1257	1265	1271	rBV5	23657	60531	9.57%	0.781%
17	9.586	1271	1274	1282	rVV5	22572	47022	7.44%	0.607%
18	9.651	1282	1285	1291	rVB2	16810	23594	3.73%	0.305%
19	9.739	1296	1300	1303	rBV	12851	16427	2.60%	0.212%
20	9.798	1304	1310	1314	rBV	36317	50275	7.95%	0.649%
21	9.875	1318	1323	1327	rVV	240529	305432	48.31%	3.942%
22	9.910	1327	1329	1332	rVV	13217	13074	2.07%	0.169%
23	9.969	1335	1339	1345	rVB3	47904	81464	12.88%	1.051%
24	10.034	1345	1350	1352	rBV3	12384	18891	2.99%	0.244%
25	10.122	1361	1365	1369	rBV4	27444	34900	5.52%	0.450%
26	10.192	1373	1377	1380	rBV	22309	31327	4.95%	0.404%
27	10.298	1388	1395	1399	rBV2	61376	94827	15.00%	1.224%
28	10.369	1403	1407	1411	rVB3	11002	16816	2.66%	0.217%
29	10.422	1412	1416	1422	rBV4	19039	32316	5.11%	0.417%
30	10.516	1429	1432	1438	rVB2	26214	43434	6.87%	0.561%
31	10.575	1439	1442	1446	rVV5	9730	12494	1.98%	0.161%
32	10.639	1450	1453	1455	rBV3	7854	8538	1.35%	0.110%
33	10.775	1472	1476	1484	rVB2	75050	133295	21.08%	1.720%
34	10.863	1485	1491	1494	rBV4	11085	21514	3.40%	0.278%
35	10.969	1505	1509	1512	rBV2	26230	42390	6.70%	0.547%
36	10.998	1512	1514	1517	rVB2	18978	19625	3.10%	0.253%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080524\
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Sample : P3463-03 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-082024

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-BF073024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.098	1527	1531	1532	rBV3	12857	17304	2.74%	0.223%
38	11.169	1540	1543	1547	rBV3	10888	15603	2.47%	0.201%
39	11.222	1547	1552	1555	rVV	58983	85913	13.59%	1.109%
40	11.251	1555	1557	1563	rVB3	35896	52011	8.23%	0.671%
41	11.363	1571	1576	1579	rBV	203329	307401	48.62%	3.967%
42	11.386	1579	1580	1586	rVV	146201	141564	22.39%	1.827%
43	11.439	1586	1589	1592	rVV	32669	39379	6.23%	0.508%
44	11.475	1592	1595	1601	rVB5	10813	22317	3.53%	0.288%
45	11.604	1613	1617	1621	rBV5	15646	29192	4.62%	0.377%
46	11.651	1621	1625	1629	rVV2	49219	71750	11.35%	0.926%
47	11.698	1629	1633	1638	rVB2	20296	32275	5.10%	0.417%
48	11.822	1650	1654	1657	rBV4	11740	16714	2.64%	0.216%
49	11.863	1657	1661	1664	rVV	67476	99276	15.70%	1.281%
50	11.892	1664	1666	1671	rVB	83336	95473	15.10%	1.232%
51	11.939	1671	1674	1677	rBV	34744	50132	7.93%	0.647%
52	11.975	1677	1680	1689	rVB2	117361	243369	38.49%	3.141%
53	12.057	1689	1694	1698	rBV	45084	63752	10.08%	0.823%
54	12.098	1698	1701	1704	rVV3	12022	14249	2.25%	0.184%
55	12.163	1708	1712	1714	rVV2	31747	44820	7.09%	0.578%
56	12.192	1714	1717	1721	rVB3	25598	34666	5.48%	0.447%
57	12.310	1730	1737	1739	rBV2	28891	55109	8.72%	0.711%
58	12.339	1739	1742	1745	rVV2	20162	25026	3.96%	0.323%
59	12.416	1750	1755	1757	rBV	91079	126056	19.94%	1.627%
60	12.445	1757	1760	1767	rVV3	78527	142413	22.53%	1.838%
61	12.504	1767	1770	1778	rVB4	53199	91384	14.45%	1.179%
62	12.580	1778	1783	1787	rBV	319422	402452	63.65%	5.194%
63	12.622	1787	1790	1791	rBV	12821	13132	2.08%	0.169%
64	12.810	1816	1822	1828	rBV	443139	632241	100.00%	8.160%
65	12.863	1828	1831	1835	rVB2	33085	43450	6.87%	0.561%
66	12.945	1841	1845	1854	rVB	90284	158432	25.06%	2.045%
67	13.027	1854	1859	1865	rBV3	64963	123817	19.58%	1.598%
68	13.080	1865	1868	1870	rBV2	11932	13257	2.10%	0.171%
69	13.133	1870	1877	1881	rVB	71590	149817	23.70%	1.934%
70	13.174	1881	1884	1885	rBV2	15363	16907	2.67%	0.218%
71	13.198	1885	1888	1891	rVV	35553	45209	7.15%	0.583%
72	13.239	1891	1895	1902	rVB	76872	105666	16.71%	1.364%
73	13.333	1907	1911	1913	rVV	68311	86669	13.71%	1.119%
74	13.363	1913	1916	1924	rVB	68021	96393	15.25%	1.244%
75	13.516	1939	1942	1943	rBV2	12750	15041	2.38%	0.194%
76	13.645	1957	1964	1969	rBV3	43847	88922	14.06%	1.148%

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Misc :
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Instrument :
BNA_F
ClientSampleId :
TR-05-082024

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
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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.757	1978	1983	1985	rBV2	38553	65280	10.33%	0.843%
78	14.004	2019	2025	2028	rBV2	252660	447713	70.81%	5.778%
79	14.033	2028	2030	2037	rVB	159641	184162	29.13%	2.377%
80	14.392	2087	2091	2094	rVV	49707	60244	9.53%	0.778%
81	14.427	2094	2097	2100	rVB	22922	23765	3.76%	0.307%
82	14.521	2110	2113	2119	rVB3	29875	51542	8.15%	0.665%
83	15.045	2198	2202	2217	rVB	101105	238869	37.78%	3.083%
84	15.351	2250	2254	2259	rVB	57424	85237	13.48%	1.100%
85	15.410	2260	2264	2270	rBV	91666	136556	21.60%	1.762%
86	15.474	2270	2275	2279	rBV	95235	152327	24.09%	1.966%
87	16.945	2520	2525	2532	rVB2	34013	67409	10.66%	0.870%
88	17.392	2596	2601	2615	rVB	30601	72049	11.40%	0.930%

Sum of corrected areas: 7748174

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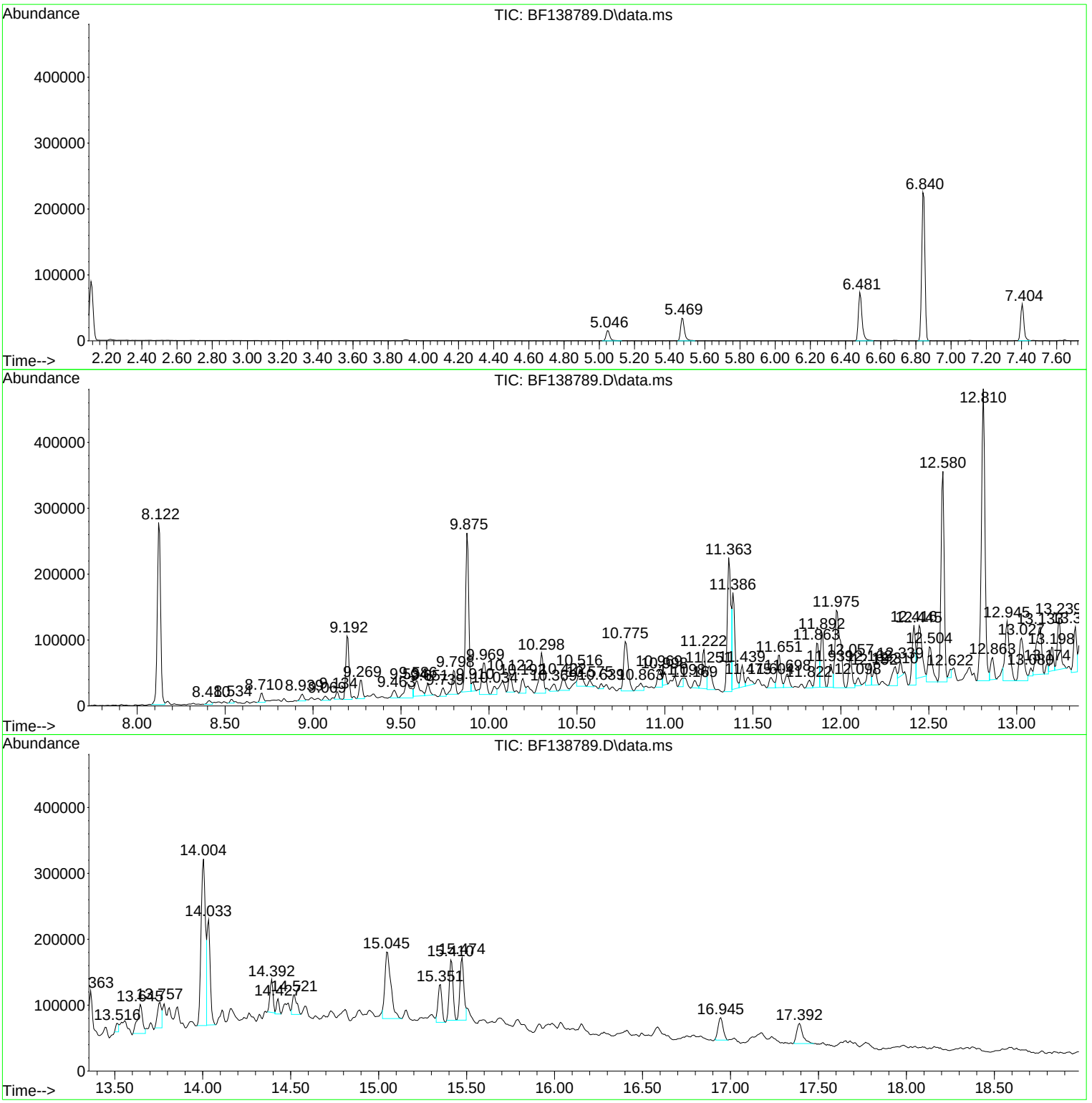
Instrument :
BNA_F
ClientSampleId :
TR-05-082024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.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\BF080524\
Data File : BF138789.D
Acq On : 05 Aug 2024 17:02
Operator : RC/JU
Sample : P3463-03 5X
Misc :
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Instrument :
BNA_F
ClientSampleId :
TR-05-082024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

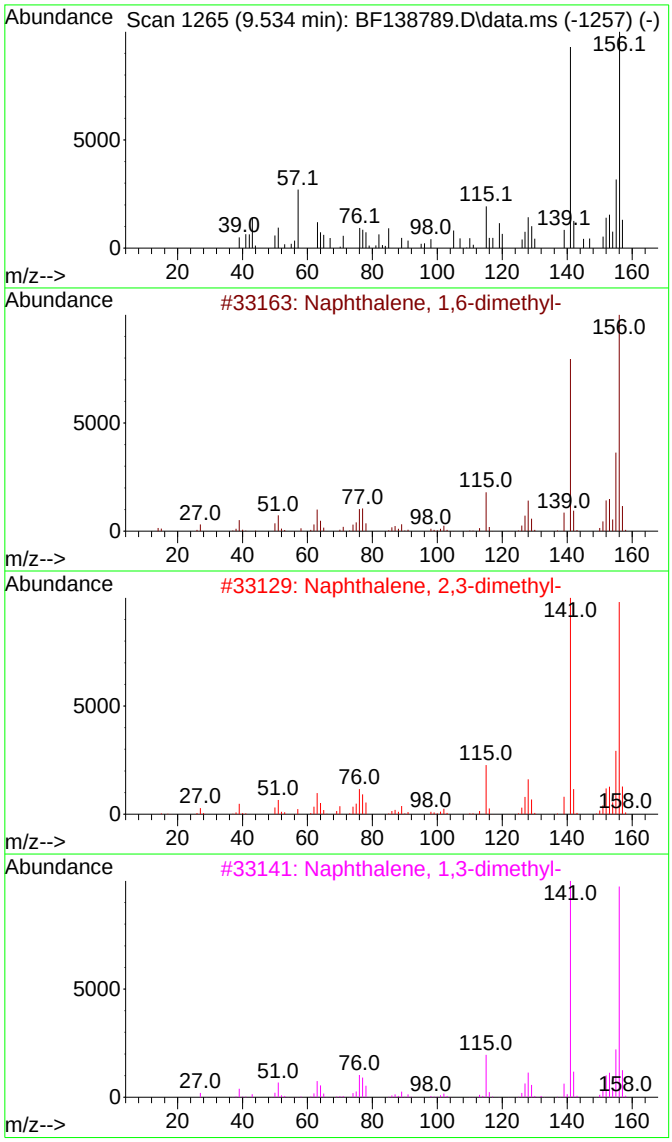
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

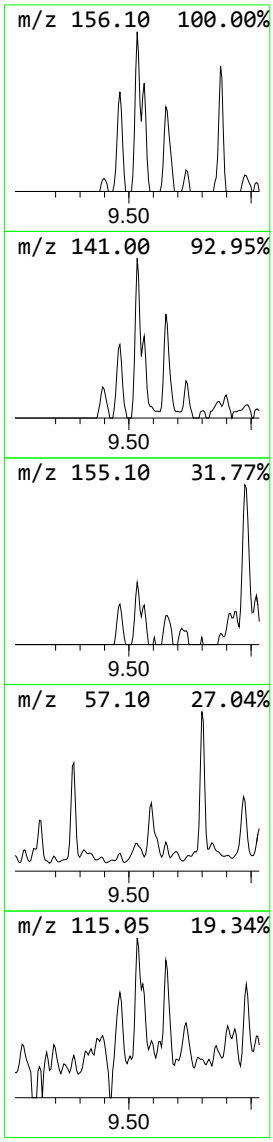
****

Peak Number 1 Naphthalene, 1,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.534	3.96 ng	60531	Acenaphthene-d10	9.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080524\
Data File : BF138789.D
Acq On : 05 Aug 2024 17:02
Operator : RC/JU
Sample : P3463-03 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-082024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

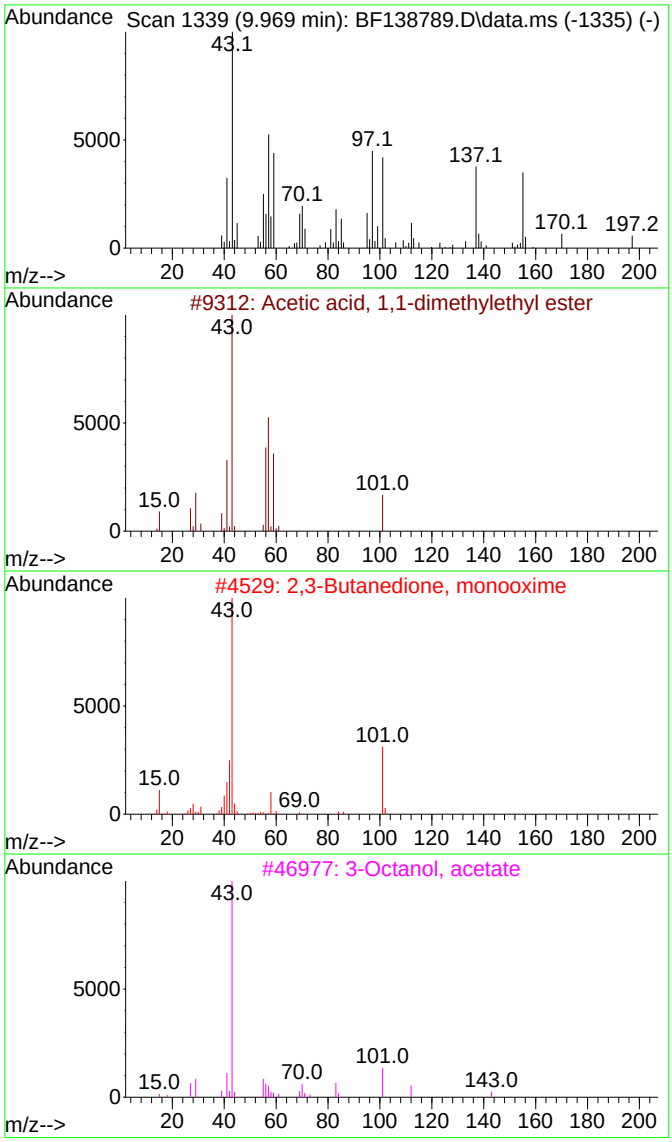
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

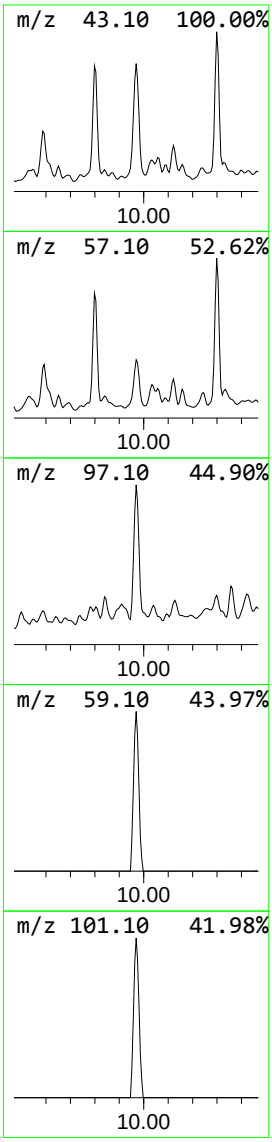
****

Peak Number 2 unknown9.969 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.969	5.33 ng	81464	Acenaphthene-d10	9.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	27
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	11
3	3-Octanol, acetate	172	C10H20O2	004864-61-3	10
4	2,4,4-Trimethyl-1-pentanol, chlo...	242	C10H17ClF2O2	1000447-27-2	10
5	3-Octanol, 2,6-dimethyl-, acetate	200	C12H24O2	123232-57-5	10





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.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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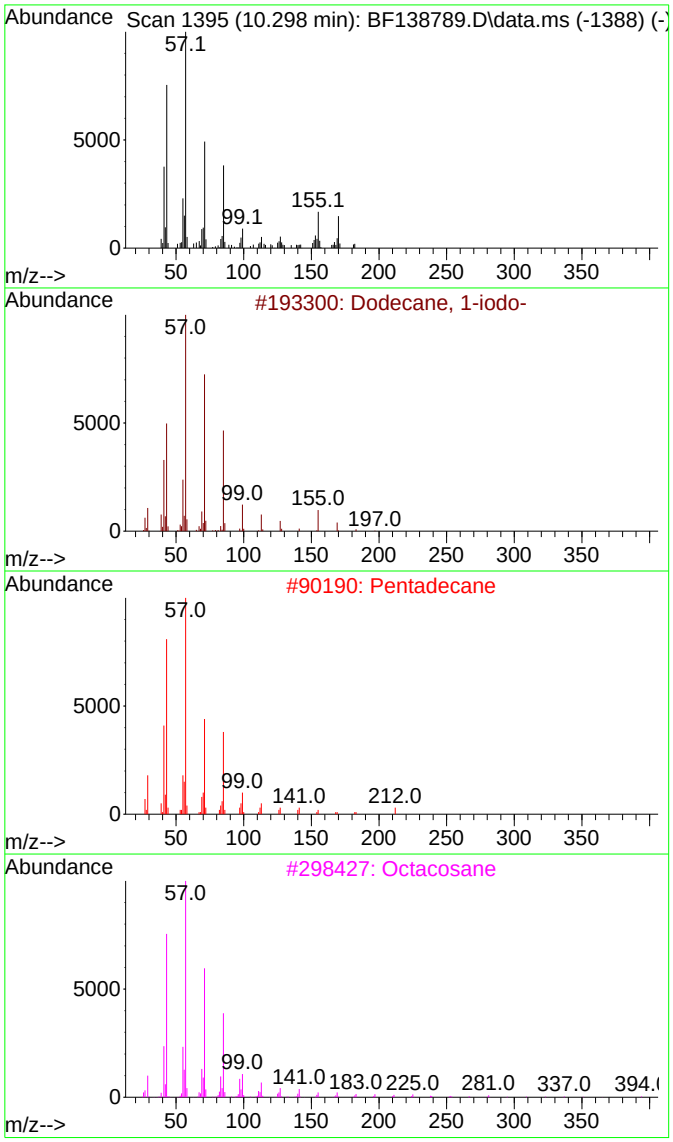
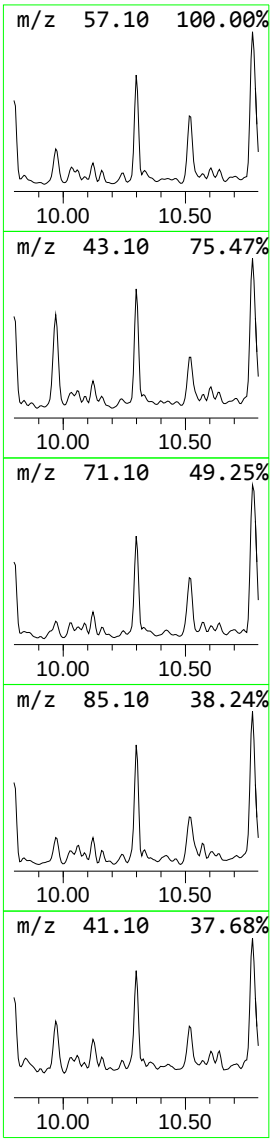
Peak Number 3 Dodecane, 1-iodo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.298	6.21 ng	94827	Acenaphthene-d10	9.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
2	Pentadecane	212	C15H32	000629-62-9	64
3	Octacosane	394	C28H58	000630-02-4	64
4	Heptadecane	240	C17H36	000629-78-7	64
5	Undecane	156	C11H24	001120-21-4	60





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.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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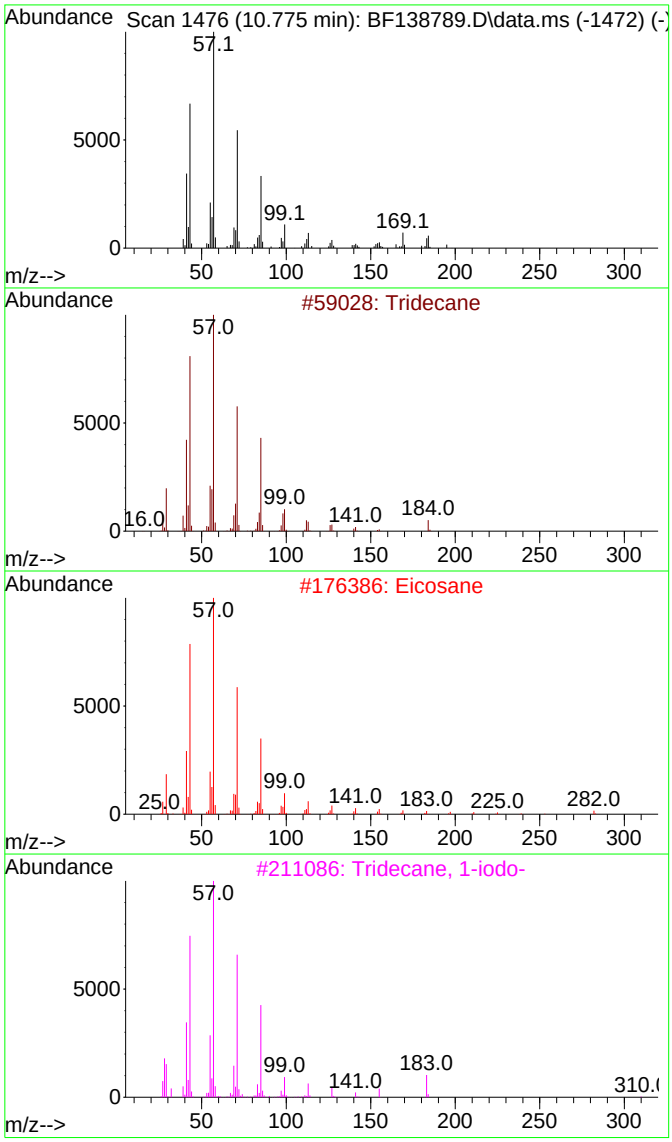
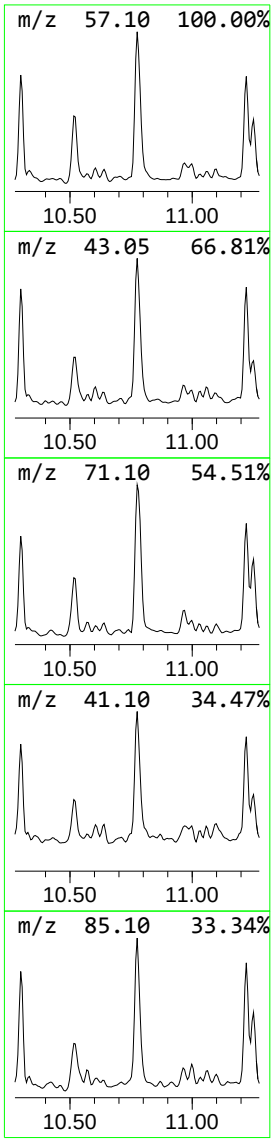
Peak Number 4 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.775	8.67 ng	133295	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	89
2	Eicosane	282	C20H42	000112-95-8	86
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Nonadecane	268	C19H40	000629-92-5	83





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Sample : P3463-03 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-082024

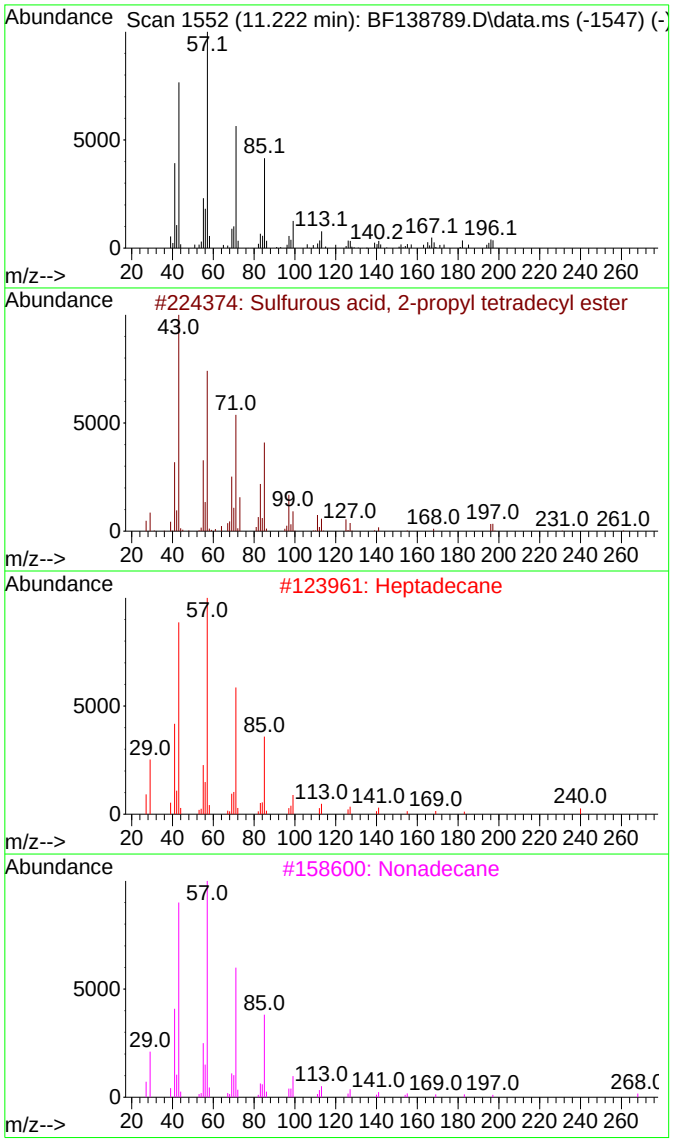
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

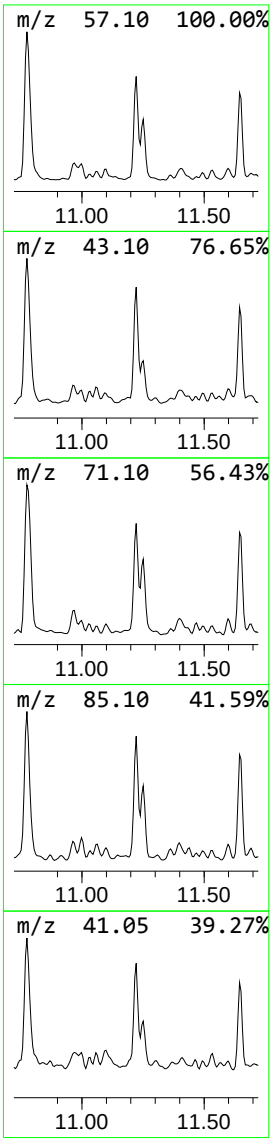
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Sulfurous acid, 2-propyl te... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.222	5.59 ng	85913	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1010309-12-5	80
2	Heptadecane	240	C17H36	000629-78-7	74
3	Nonadecane	268	C19H40	000629-92-5	74
4	Pentadecane	212	C15H32	000629-62-9	74
5	Heneicosane	296	C21H44	000629-94-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080524\
Data File : BF138789.D
Acq On : 05 Aug 2024 17:02
Operator : RC/JU
Sample : P3463-03 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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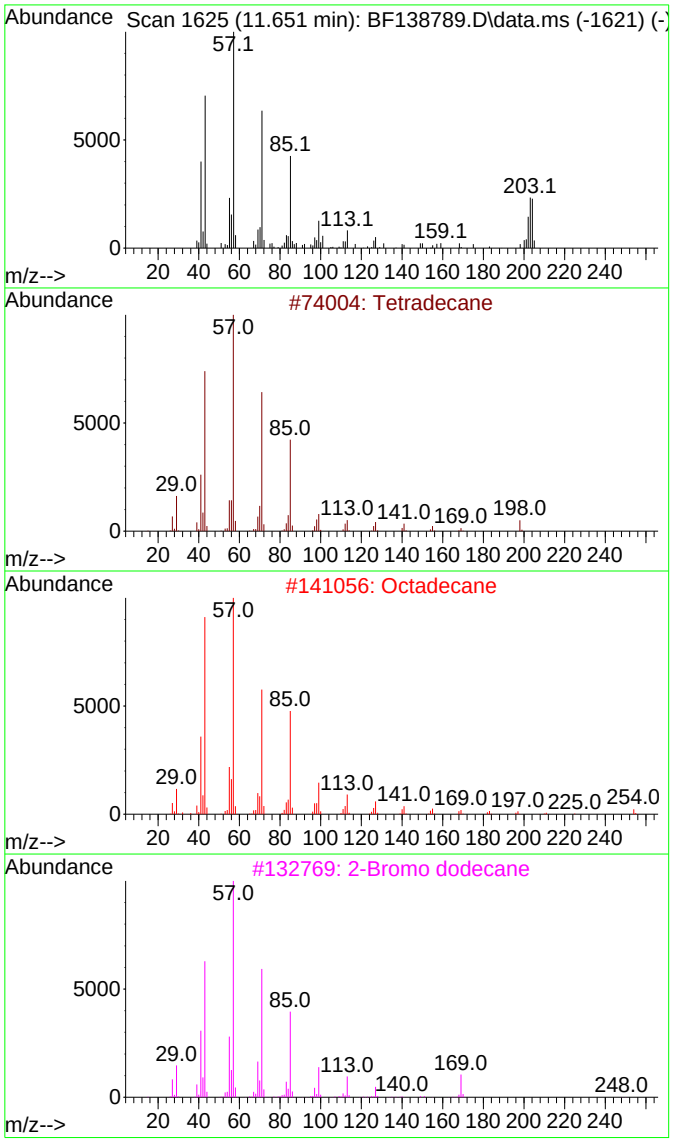
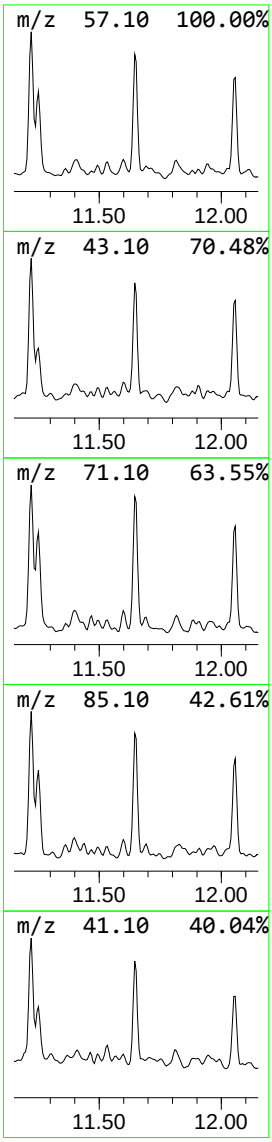
Peak Number 6 Tetradecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.651	4.67 ng	71750	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	53
2	Octadecane	254	C18H38	000593-45-3	49
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	49
4	Eicosane	282	C20H42	000112-95-8	49
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	49





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Operator : RC/JU
Sample : P3463-03 5X
Misc :
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ClientSampleId :
TR-05-082024

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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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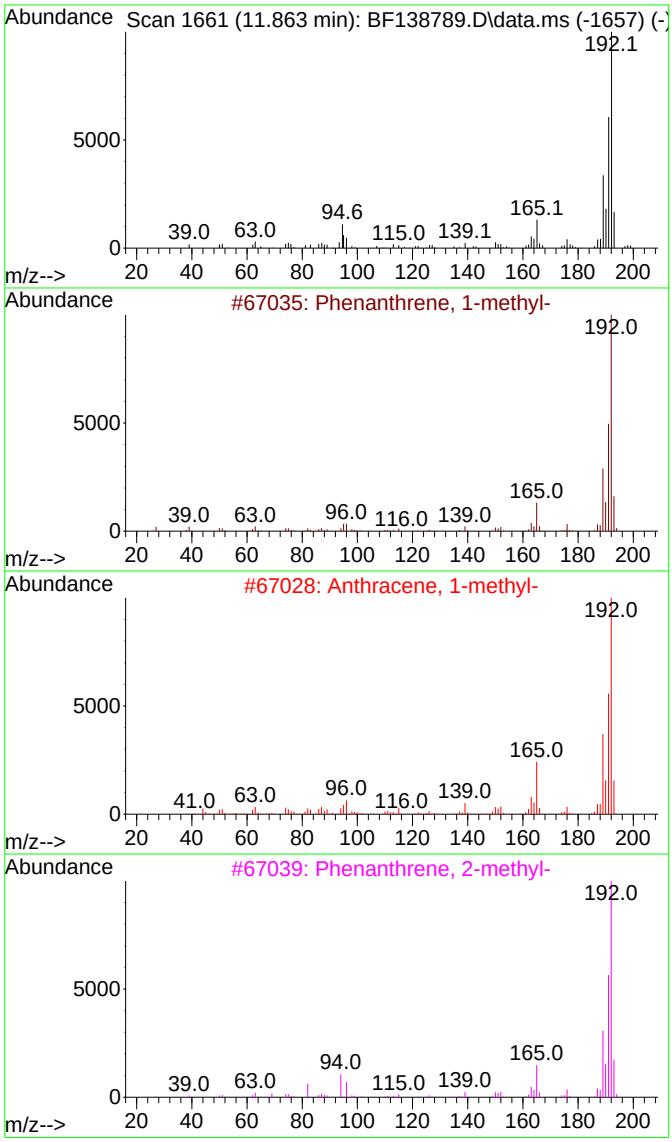
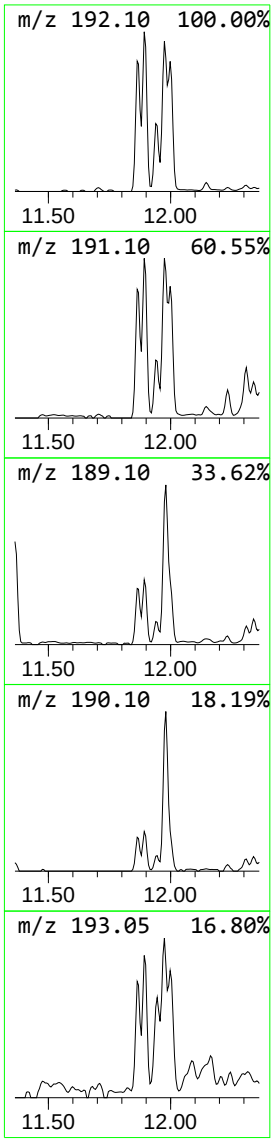
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	6.46 ng	99276	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.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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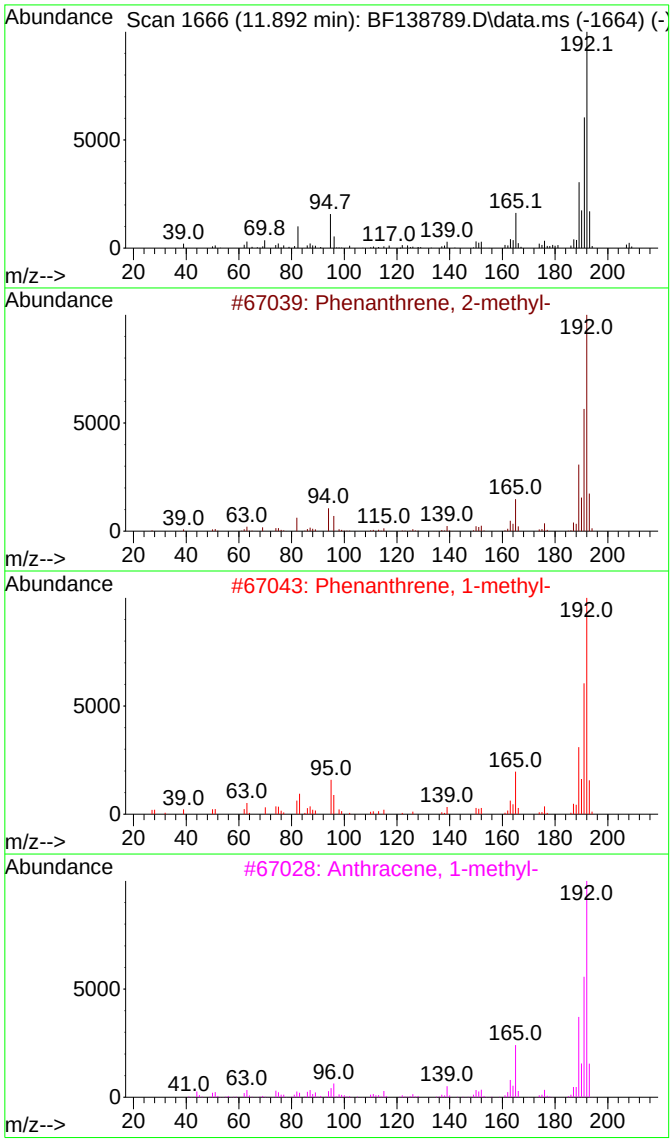
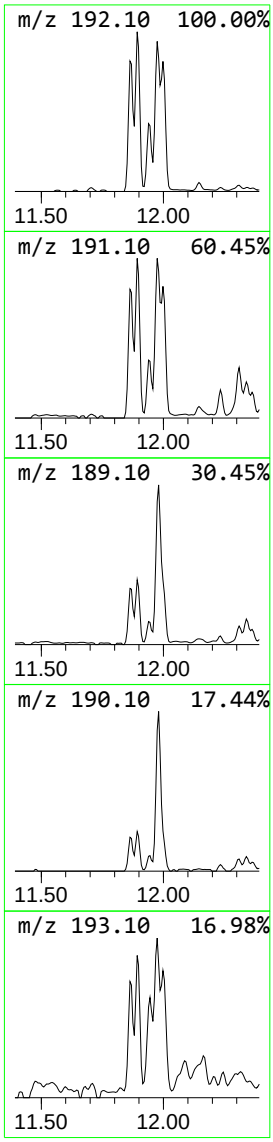
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	6.21 ng	95473	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-082024

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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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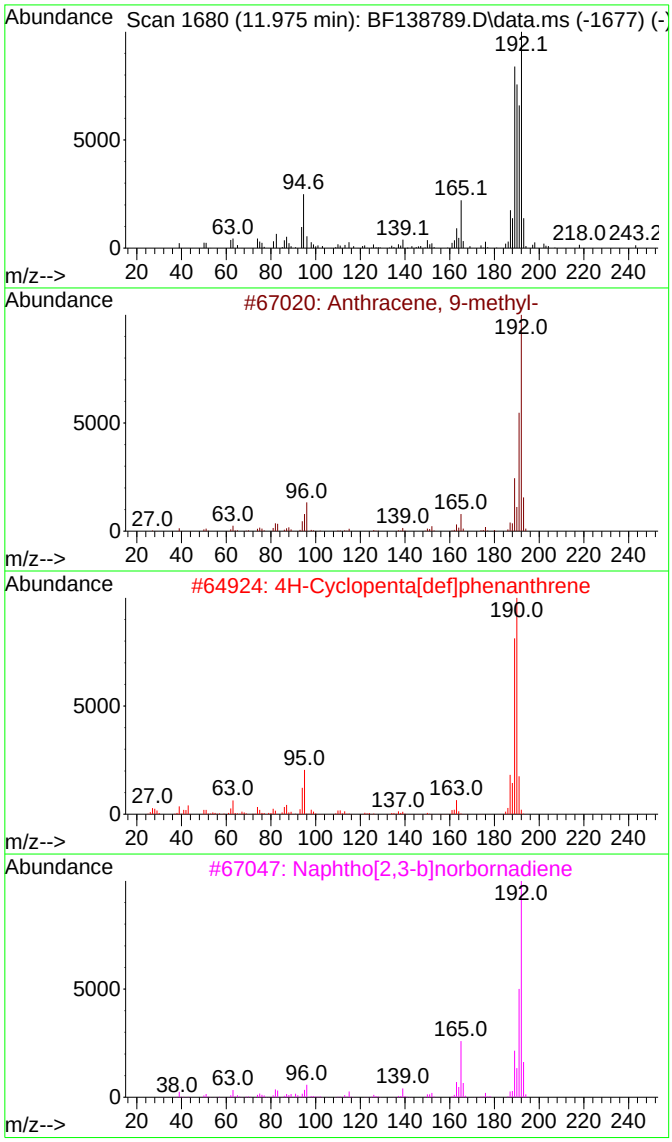
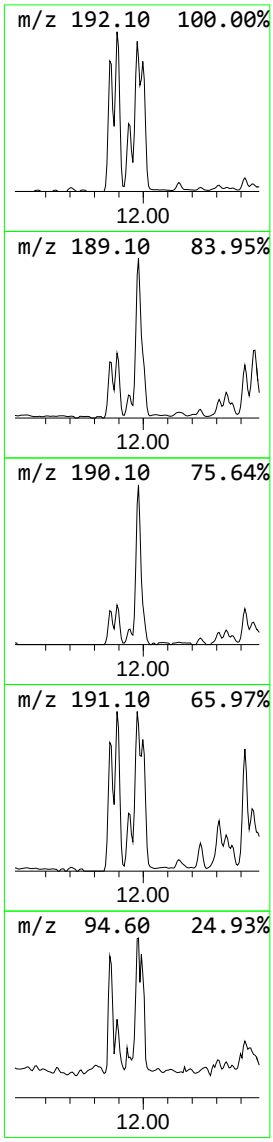
Peak Number 9 Anthracene, 9-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	15.83 ng	243369	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	50
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	46
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46





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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-082024

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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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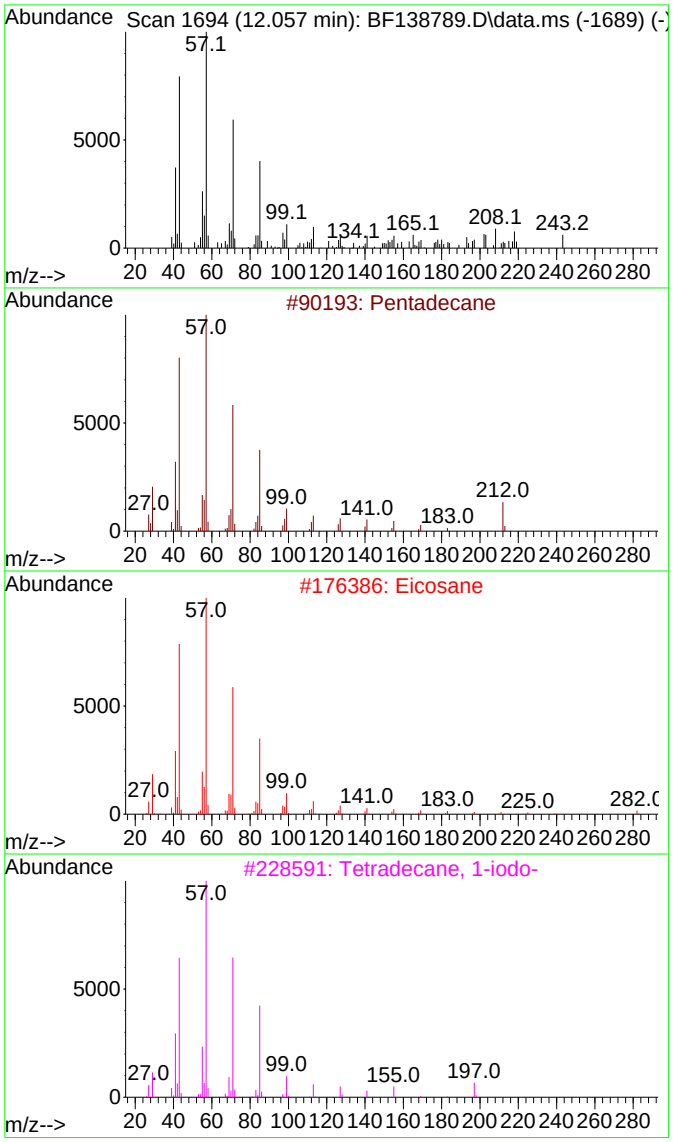
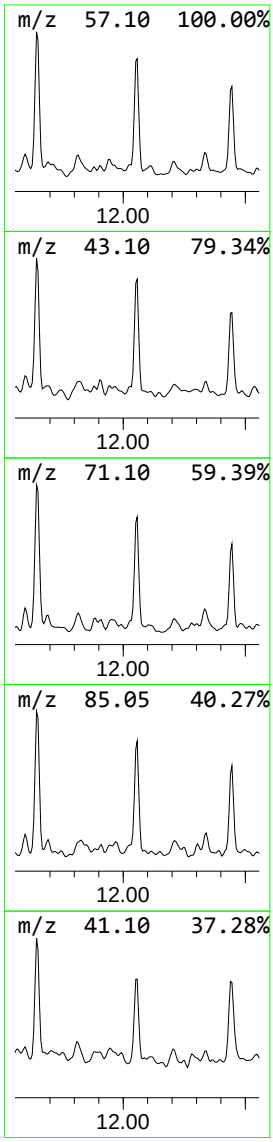
Peak Number 10 Pentadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.057	4.15 ng	63752	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Eicosane	282	C20H42	000112-95-8	83
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	83
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
5	Tetracosane	338	C24H50	000646-31-1	83





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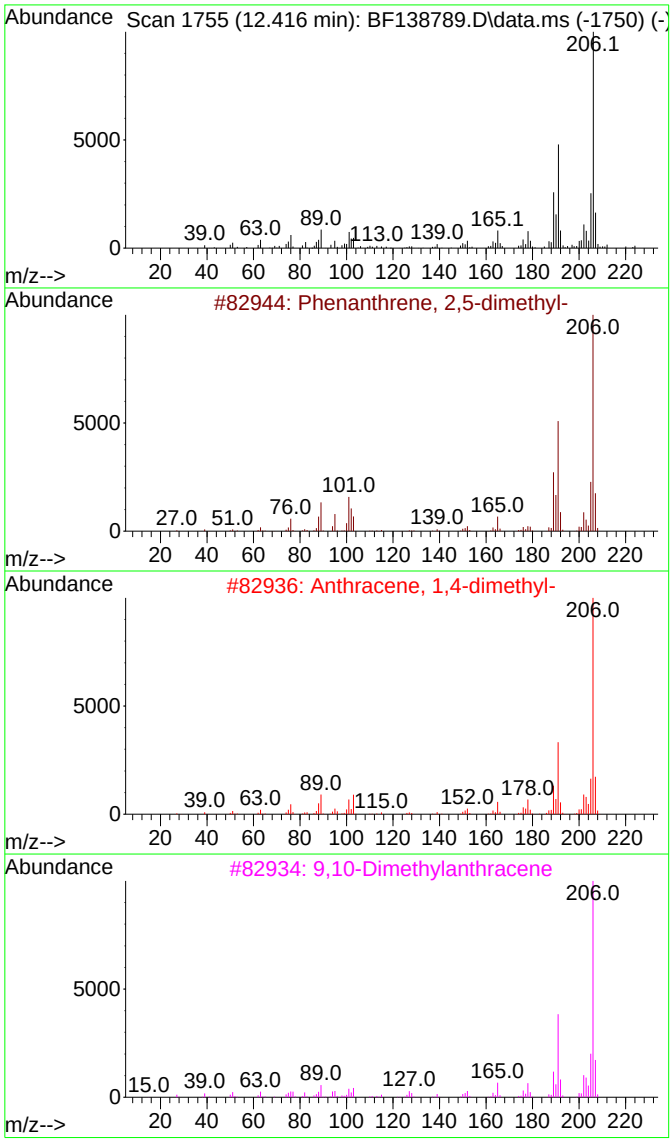
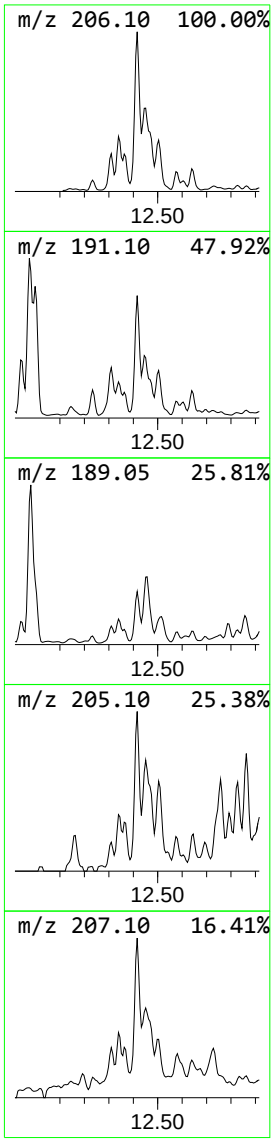
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	8.20 ng	126056	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89





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Misc :
ALS Vial : 9 Sample Multiplier: 1

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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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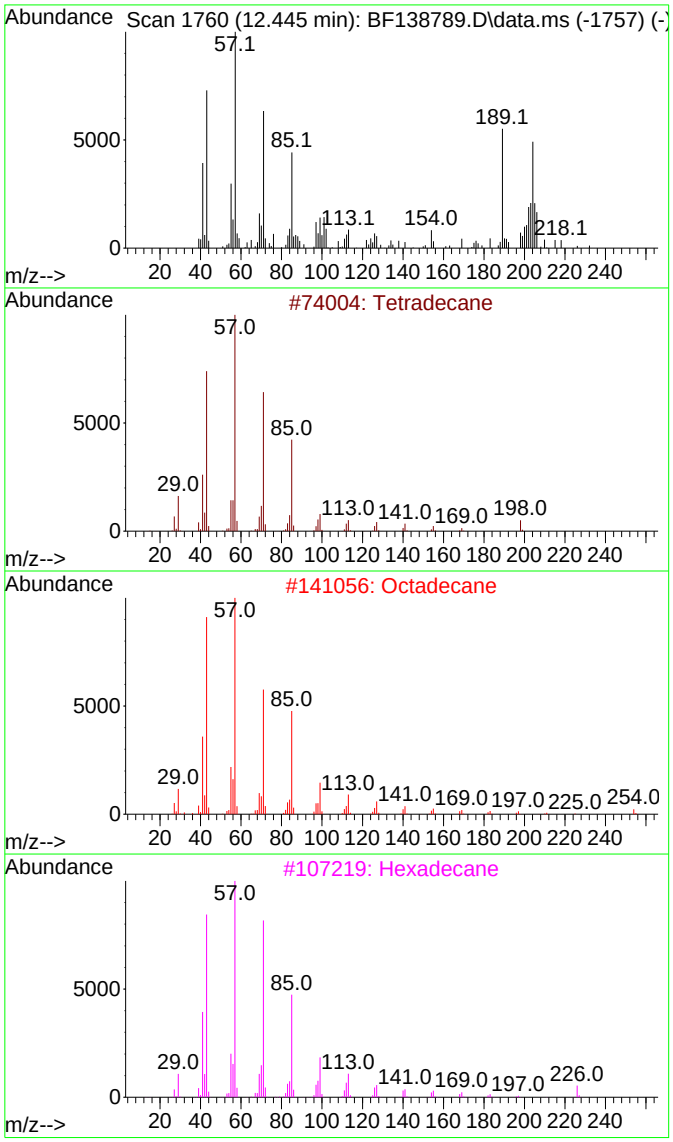
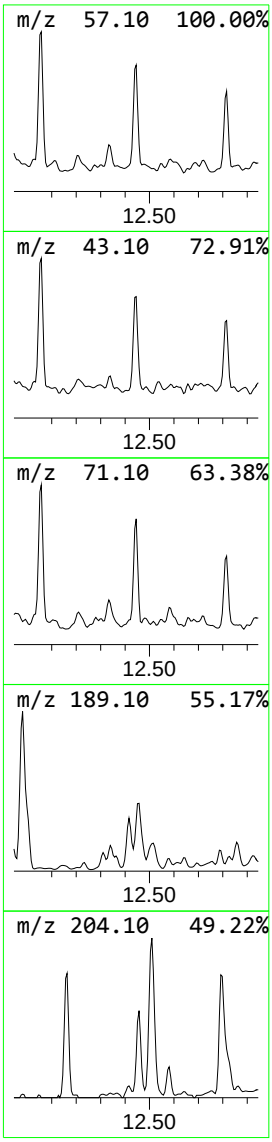
Peak Number 12 Octadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.445	9.27 ng	142413	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	74
2	Octadecane	254	C18H38	000593-45-3	30
3	Hexadecane	226	C16H34	000544-76-3	30
4	Pentacosane	352	C25H52	000629-99-2	30
5	Heptacosane	380	C27H56	000593-49-7	30





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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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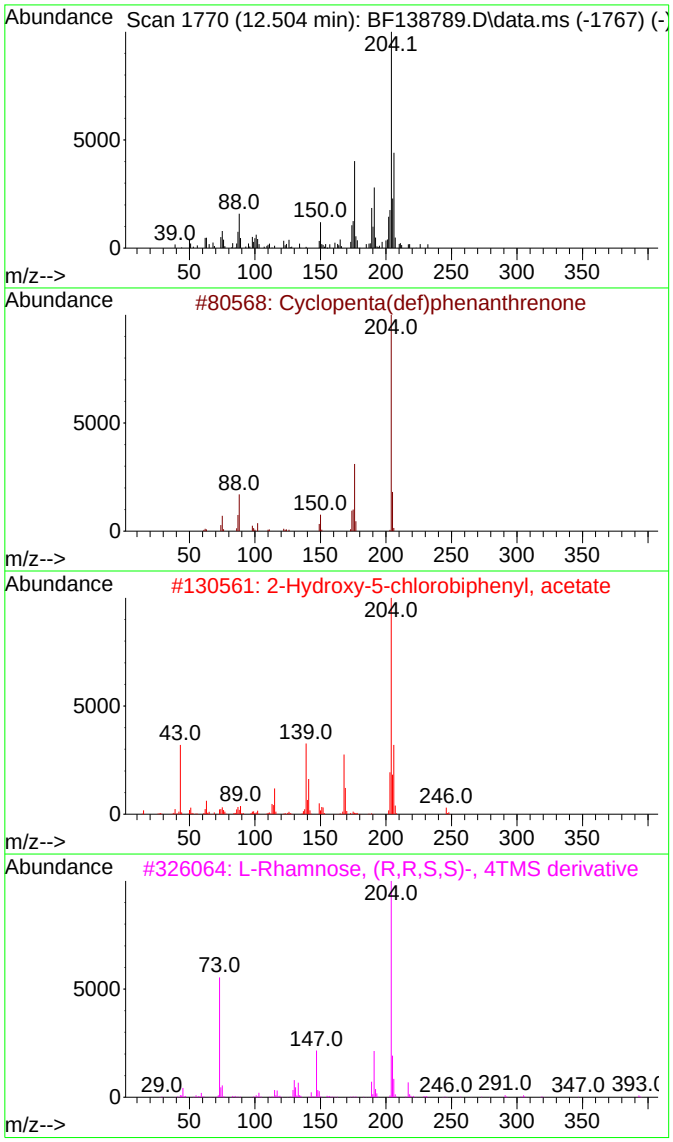
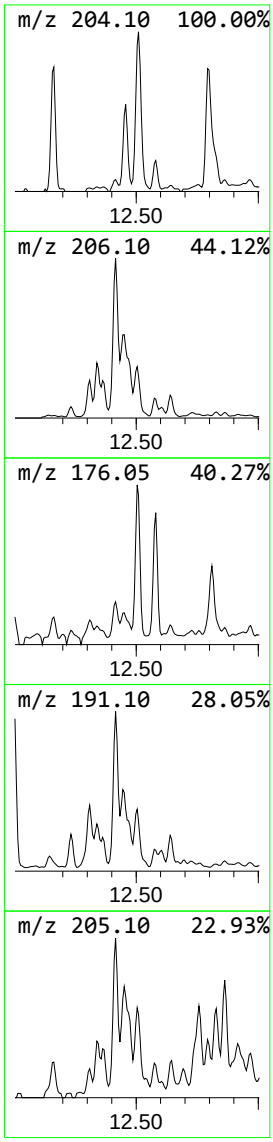
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.504	5.95 ng	91384	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	2-Hydroxy-5-chlorobiphenyl, acetate	246	C14H11ClO2	1000447-68-0	47
3	L-Rhamnose, (R,R,S,S)-, 4TMS der...	452	C18H44O5Si4	108392-01-4	43
4	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38





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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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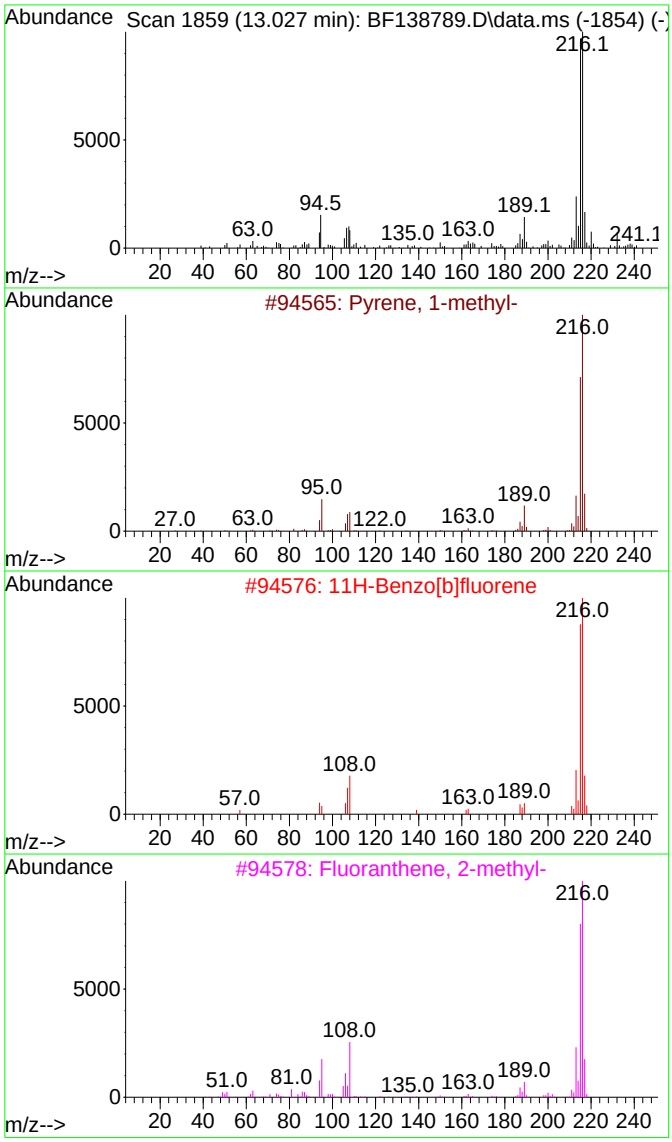
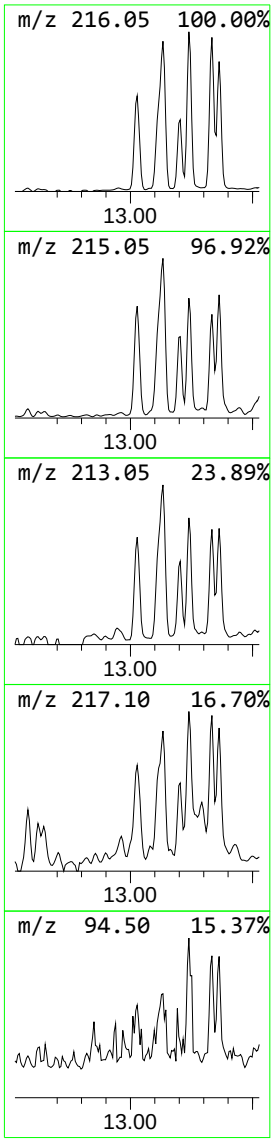
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.027	5.53 ng	123817	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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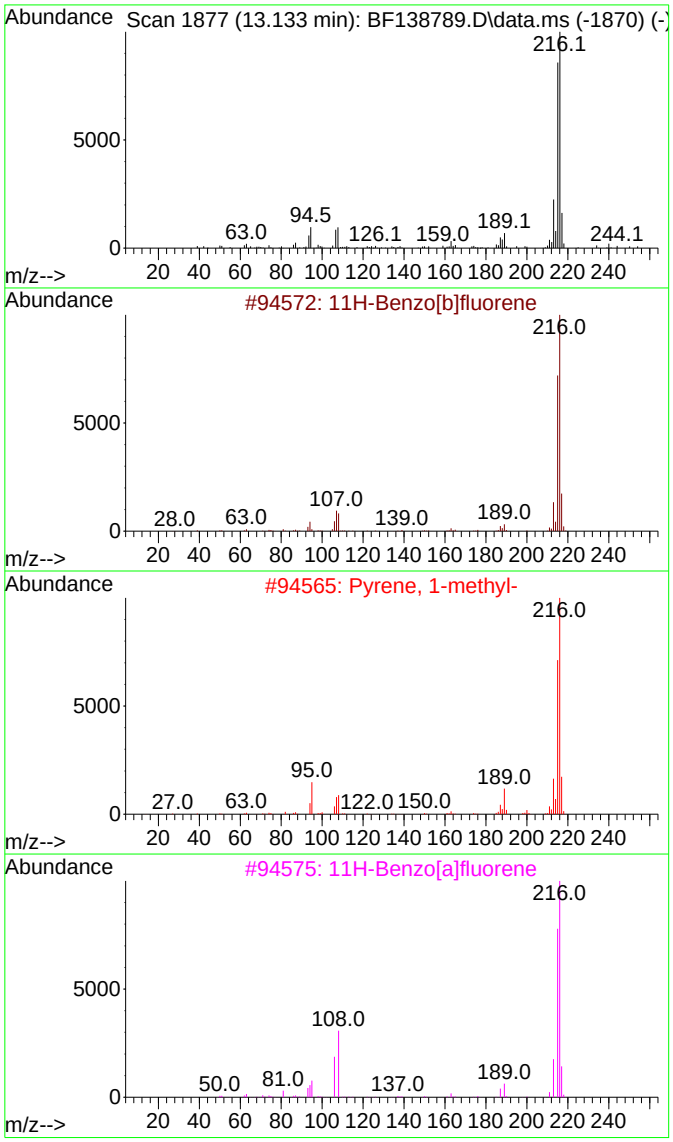
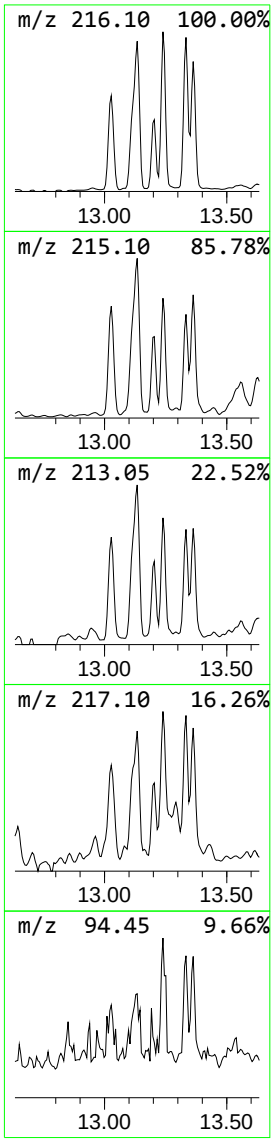
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.133	6.69 ng	149817	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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ALS Vial : 9 Sample Multiplier: 1

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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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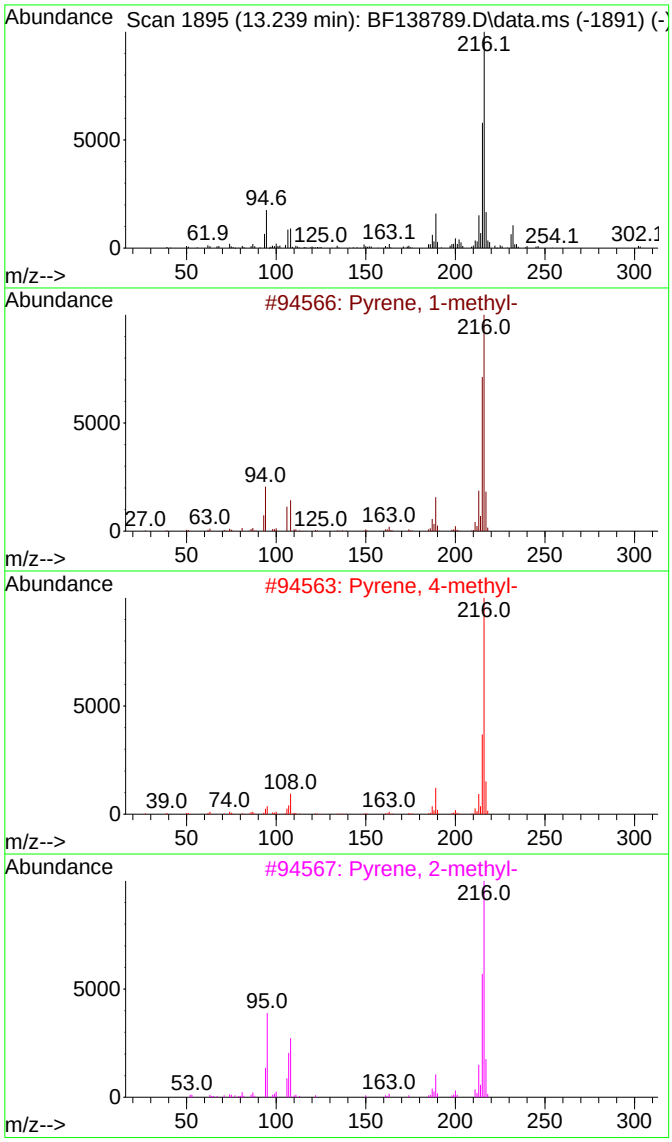
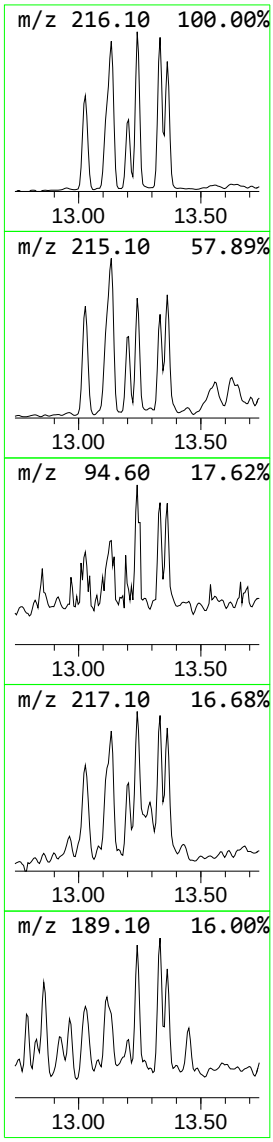
Peak Number 16 Pyrene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.239	4.72 ng	105666	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83





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ALS Vial : 9 Sample Multiplier: 1

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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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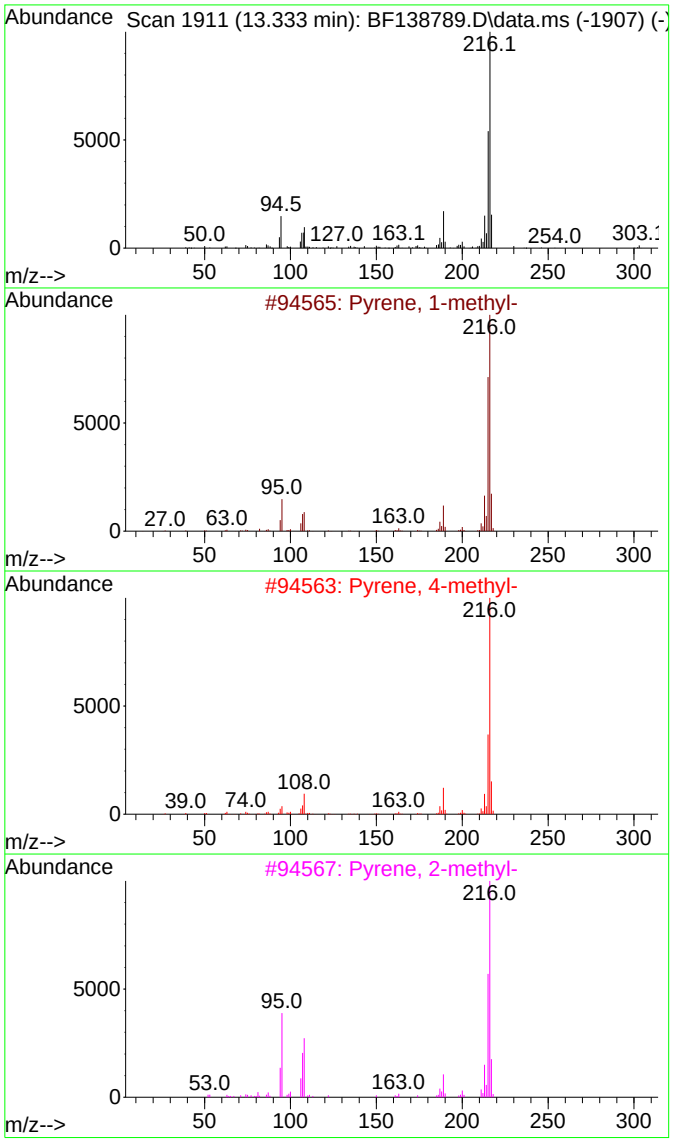
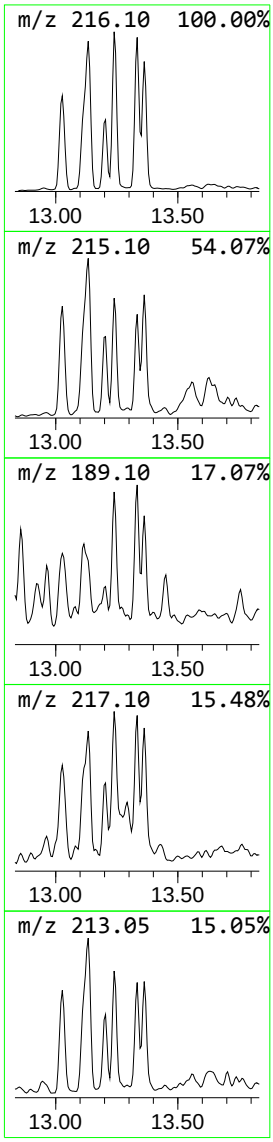
Peak Number 17 Pyrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.333	3.87 ng	86669	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80





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Misc :
ALS Vial : 9 Sample Multiplier: 1

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BNA_F
ClientSampleId :
TR-05-082024

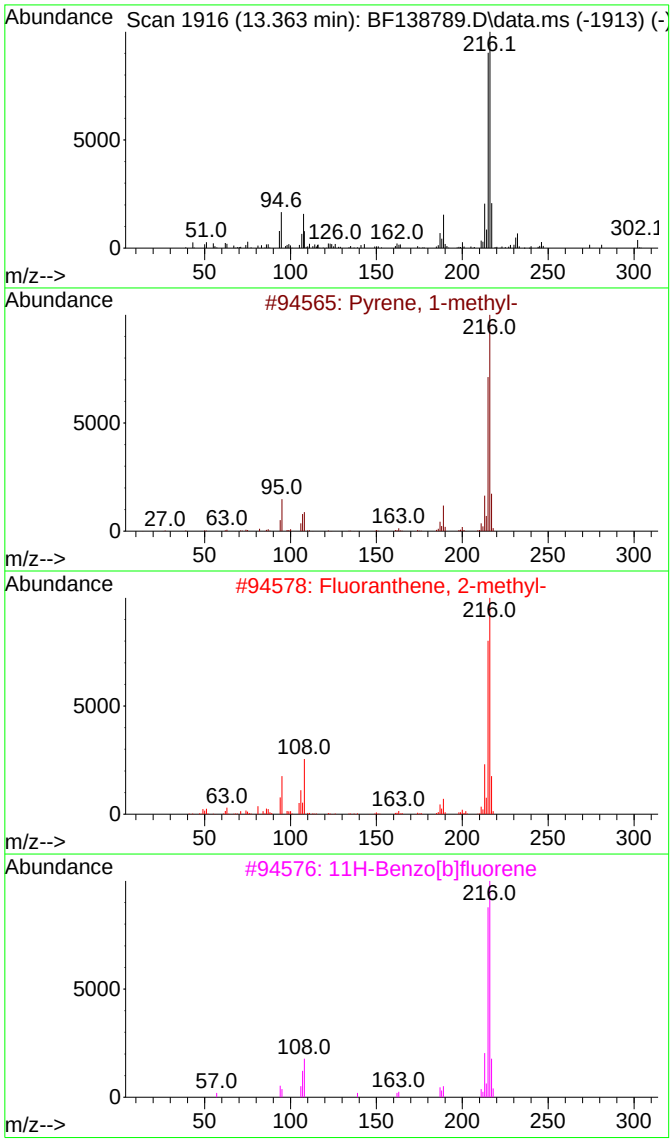
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

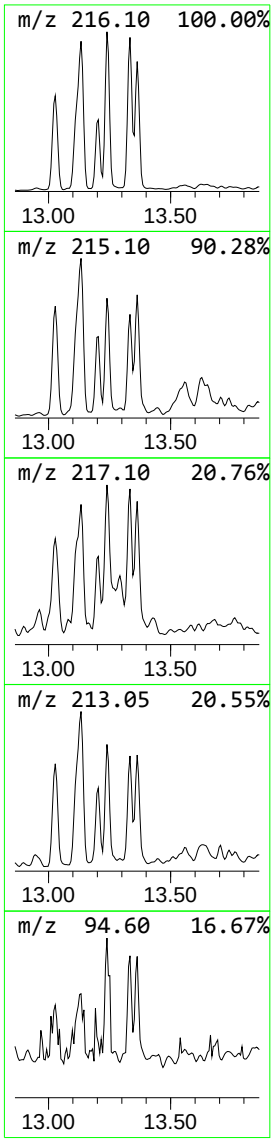
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Fluoranthene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.363	4.31 ng	96393	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	74
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080524\
Data File : BF138789.D
Acq On : 05 Aug 2024 17:02
Operator : RC/JU
Sample : P3463-03 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-082024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

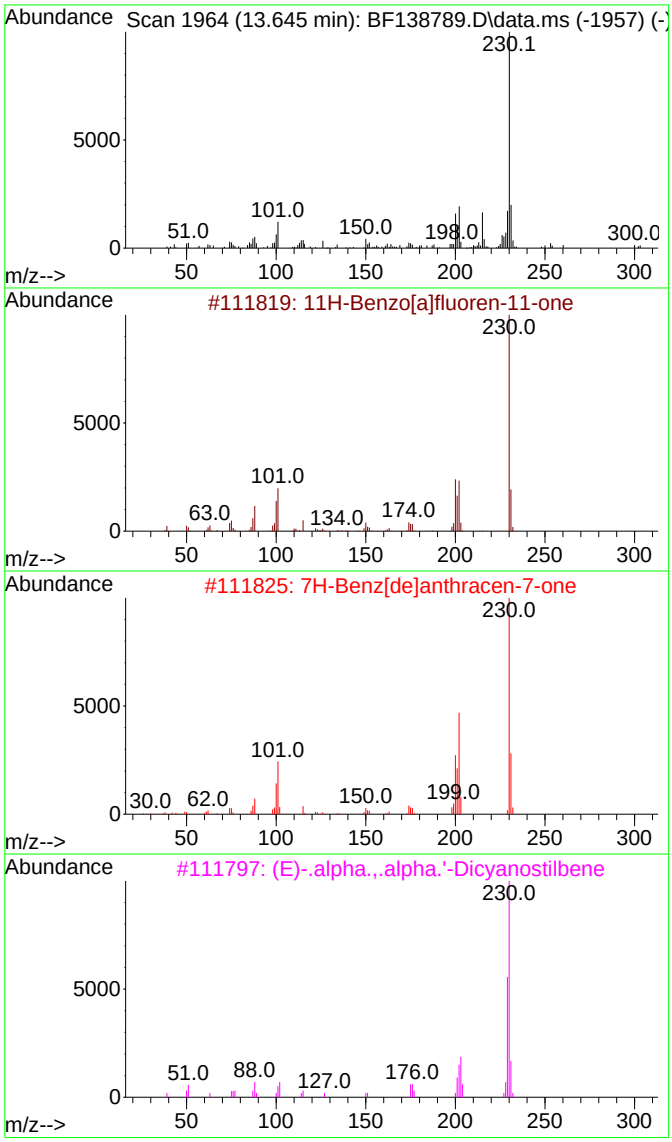
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

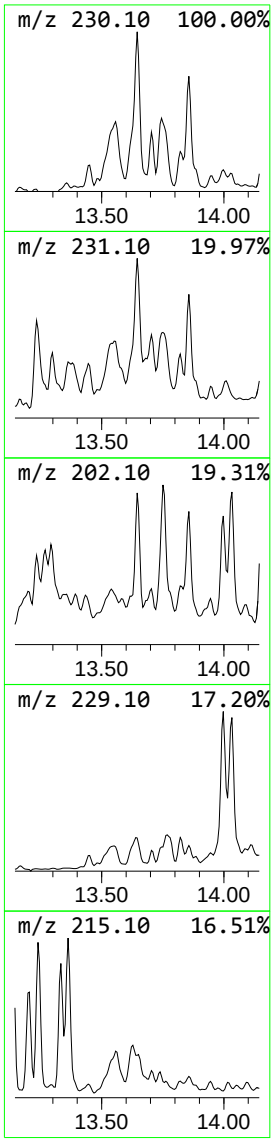
****

Peak Number 19 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.645	3.97 ng	88922	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3	(E)-.alpha.,.alpha.'-Dicyanostil...	230	C16H10N2	002450-55-7	72
4	4,4'-Stilbenedicarbonitrile	230	C16H10N2	006292-62-2	72
5	1,1'-Biphenyl, 5-hydroxy-3,4'-di...	230	C14H14O3	119101-26-7	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080524\
Data File : BF138789.D
Acq On : 05 Aug 2024 17:02
Operator : RC/JU
Sample : P3463-03 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-082024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

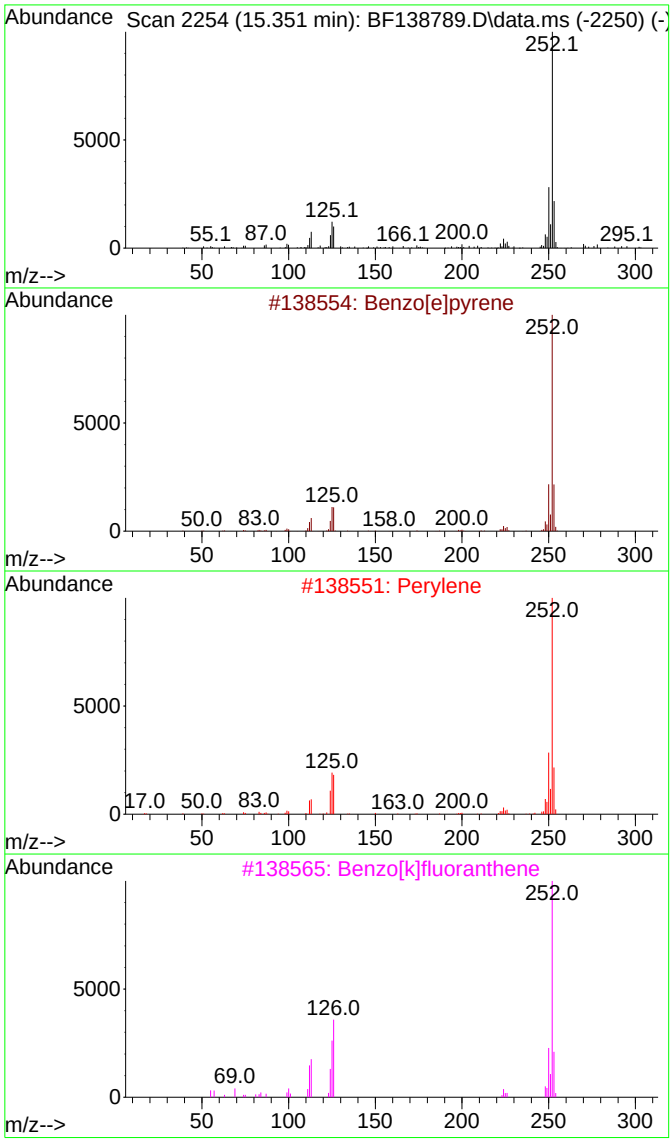
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

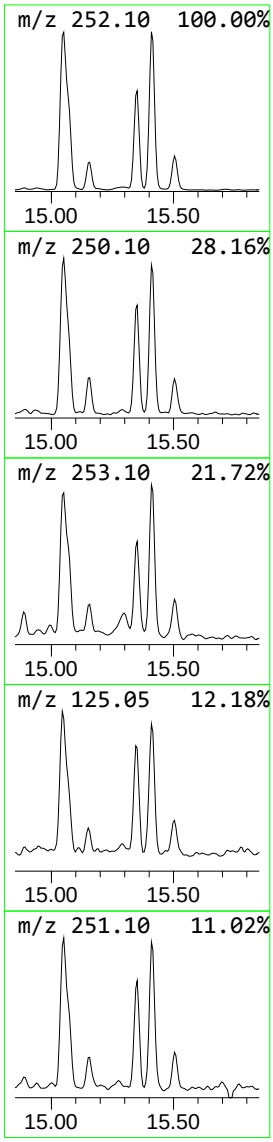
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.351	11.19 ng	85237	Perylene-d12	15.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080524\
Data File : BF138789.D
Acq On : 05 Aug 2024 17:02
Operator : RC/JU
Sample : P3463-03 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-082024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphthalene, 1,...	9.534	4.0	ng	60531	3	9.875	305432	20.0
unknown9.969	9.969	5.3	ng	81464	3	9.875	305432	20.0
Dodecane, 1-iodo-	10.298	6.2	ng	94827	3	9.875	305432	20.0
Tridecane	10.775	8.7	ng	133295	4	11.363	307401	20.0
Sulfurous acid,...	11.222	5.6	ng	85913	4	11.363	307401	20.0
Tetradecane	11.651	4.7	ng	71750	4	11.363	307401	20.0
Phenanthrene, 1...	11.863	6.5	ng	99276	4	11.363	307401	20.0
Phenanthrene, 2...	11.892	6.2	ng	95473	4	11.363	307401	20.0
Anthracene, 9-m...	11.975	15.8	ng	243369	4	11.363	307401	20.0
Pentadecane	12.057	4.2	ng	63752	4	11.363	307401	20.0
Phenanthrene, 2...	12.416	8.2	ng	126056	4	11.363	307401	20.0
Octadecane	12.445	9.3	ng	142413	4	11.363	307401	20.0
Cyclopenta(def)...	12.504	6.0	ng	91384	4	11.363	307401	20.0
Pyrene, 1-methyl-	13.027	5.5	ng	123817	5	14.010	447713	20.0
11H-Benzo[b]flu...	13.133	6.7	ng	149817	5	14.010	447713	20.0
Pyrene, 4-methyl-	13.239	4.7	ng	105666	5	14.010	447713	20.0
Pyrene, 2-methyl-	13.333	3.9	ng	86669	5	14.010	447713	20.0
Fluoranthene, 2...	13.363	4.3	ng	96393	5	14.010	447713	20.0
11H-Benzo[a]flu...	13.645	4.0	ng	88922	5	14.010	447713	20.0
Benzo[e]pyrene	15.351	11.2	ng	85237	6	15.474	152327	20.0