LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
Data File : BF128772.D
Acq On : 10 Jun 2022 21:43
Operator : CG\JU
Sample : N3295-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-060922

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-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128772.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.440	533	536	548	rBV	1644334	1583378	25.18%	1.907%
2	6.463	706	710	720	rBV	1667247	1552079	24.68%	1.870%
3	6.798	764	767	771	rBV	497184	411240	6.54%	0.495%
4	7.369	859	864	867	rVB	1125239	1022805	16.26%	1.232%
5	8.087	978	986	987	rBV	605844	530130	8.43%	0.639%
6	8.110	987	990	993	rVV	1591118	1279865	20.35%	1.542%
7	8.798	1103	1107	1110	rVB	899216	695672	11.06%	0.838%
8	8.898	1119	1124	1128	rBV	632675	496112	7.89%	0.598%
9	9.163	1164	1169	1172	rBV	2049024	1576895	25.08%	1.900%
10	9.263	1184	1186	1189	rVB	165981	119592	1.90%	0.144%
11	9.357	1199	1202	1208	rVB	143489	145549	2.31%	0.175%
12	9.422	1208	1213	1218	rBV	272857	378845	6.02%	0.456%
13	9.498	1222	1226	1229	rVV	412381	428847	6.82%	0.517%
14	9.528	1229	1231	1233	rVV	291674	224474	3.57%	0.270%
15	9.616	1243	1246	1251	rVB	208725	231604	3.68%	0.279%
16	9.698	1258	1260	1266	rVB	228072	207231	3.30%	0.250%
17	9.839	1278	1284	1287	rVV2	550666	573409	9.12%	0.691%
18	9.875	1287	1290	1293	rVV	1318917	1081460	17.20%	1.303%
19	9.998	1306	1311	1313	rBV2	109203	121609	1.93%	0.147%
20	10.045	1315	1319	1323	rVV	1077974	963621	15.32%	1.161%
21	10.086	1323	1326	1330	rVV2	130281	125909	2.00%	0.152%
22	10.157	1335	1338	1341	rBV2	133337	142528	2.27%	0.172%
23	10.269	1355	1357	1360	rVB2	180953	143109	2.28%	0.172%
24	10.392	1374	1378	1381	rBV	1643931	1432674	22.78%	1.726%
25	10.475	1390	1392	1394	rVV	168235	122040	1.94%	0.147%
26	10.545	1402	1404	1407	rVB	340497	269742	4.29%	0.325%
27	10.633	1412	1419	1422	rVV	1256352	1216912	19.35%	1.466%
28	10.745	1435	1438	1446	rVB2	191032	289755	4.61%	0.349%
29	10.939	1464	1471	1473	rBV2	287560	346671	5.51%	0.418%
30	10.969	1473	1476	1479	rVV2	141629	167297	2.66%	0.202%
31	11.022	1482	1485	1488	rVV	142929	133307	2.12%	0.161%
32	11.069	1488	1493	1494	rVV2	138749	184061	2.93%	0.222%
33	11.086	1494	1496	1498	rVV2	162913	158103	2.51%	0.190%
34	11.181	1508	1512	1513	rVV	158175	182338	2.90%	0.220%
35	11.228	1517	1520	1526	rVB	548054	510448	8.12%	0.615%
36	11.333	1534	1538	1539	rBV	387938	370527	5.89%	0.446%

LSC Area Percent Report

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Sample : N3295-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
OR-03-060922

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-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.369	1539	1544	1547	rVV	4990554	6053776	96.26%	7.293%
38	11.416	1547	1552	1554	rVV	2233591	1830716	29.11%	2.205%
39	11.439	1554	1556	1559	rVB2	139071	131518	2.09%	0.158%
40	11.569	1574	1578	1585	rBV	453957	471131	7.49%	0.568%
41	11.628	1585	1588	1590	rBV2	203888	204869	3.26%	0.247%
42	11.645	1590	1591	1599	rVB4	183130	267208	4.25%	0.322%
43	11.728	1601	1605	1608	rBV	2277943	1768131	28.12%	2.130%
44	11.833	1619	1623	1626	rBV	657114	626396	9.96%	0.755%
45	11.863	1626	1628	1632	rVB	1057290	911812	14.50%	1.098%
46	11.910	1633	1636	1639	rBV	442839	387185	6.16%	0.466%
47	11.951	1639	1643	1645	rBV	1250445	1305982	20.77%	1.573%
48	12.033	1651	1657	1661	rBV4	111540	194304	3.09%	0.234%
49	12.128	1670	1673	1676	rVV	461165	411504	6.54%	0.496%
50	12.157	1676	1678	1681	rVB2	154966	130647	2.08%	0.157%
51	12.280	1694	1699	1702	rBV2	143446	153145	2.44%	0.184%
52	12.310	1702	1704	1706	rBV	174846	133049	2.12%	0.160%
53	12.386	1713	1717	1719	rBV	351890	383088	6.09%	0.462%
54	12.422	1719	1723	1725	rBV	4590692	4886104	77.70%	5.886%
55	12.445	1725	1727	1731	rVB	5254521	4219696	67.10%	5.083%
56	12.522	1737	1740	1742	rBV	1053261	856504	13.62%	1.032%
57	12.569	1742	1748	1750	rBV	5157876	6216650	98.85%	7.489%
58	12.616	1755	1756	1759	rVV2	195350	141211	2.25%	0.170%
59	12.657	1759	1763	1766	rVV2	115773	175860	2.80%	0.212%
60	12.704	1768	1771	1775	rVV	255117	265782	4.23%	0.320%
61	12.798	1779	1787	1790	rBV2	4188227	6288666	100.00%	7.576%
62	12.833	1790	1793	1797	rVB2	305709	339204	5.39%	0.409%
63	12.904	1801	1805	1806	rBV	385741	399582	6.35%	0.481%
64	12.922	1806	1808	1811	rVV	1478327	1265242	20.12%	1.524%
65	12.945	1811	1812	1815	rVB	249642	139674	2.22%	0.168%
66	13.004	1816	1822	1825	rBV2	398190	662036	10.53%	0.798%
67	13.086	1833	1836	1838	rBV3	365484	466899	7.42%	0.562%
68	13.116	1838	1841	1843	rVB	1023163	987505	15.70%	1.190%
69	13.151	1843	1847	1848	rBV3	146846	163436	2.60%	0.197%
70	13.180	1848	1852	1854	rVB	1021900	907863	14.44%	1.094%
71	13.216	1854	1858	1860	rBV2	541893	590451	9.39%	0.711%
72	13.245	1860	1863	1865	rVB2	197545	194637	3.10%	0.234%
73	13.304	1870	1873	1876	rBV	243479	216740	3.45%	0.261%
74	13.339	1876	1879	1882	rBV2	258499	313633	4.99%	0.378%
75	13.533	1910	1912	1915	rVB	167325	126292	2.01%	0.152%
76	13.592	1919	1922	1924	rBV	184904	197468	3.14%	0.238%

LSC Area Percent Report

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Sample : N3295-01
Misc :
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Instrument :
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ClientSampleId :
OR-03-060922

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.622	1924	1927	1931	rVB	232321	256940	4.09%	0.310%
78	13.727	1942	1945	1948	rBV	400457	437798	6.96%	0.527%
79	13.757	1948	1950	1952	rVV	454805	388142	6.17%	0.468%
80	13.786	1952	1955	1960	rVV3	342522	565370	8.99%	0.681%
81	13.827	1960	1962	1966	rVB	276524	266187	4.23%	0.321%
82	13.980	1981	1988	1991	rBV2	2540857	3812507	60.63%	4.593%
83	14.016	1991	1994	2000	rVB	2137900	2412632	38.36%	2.906%
84	14.092	2004	2007	2010	rVV	541415	472829	7.52%	0.570%
85	14.139	2011	2015	2019	rVV3	126188	279918	4.45%	0.337%
86	14.174	2019	2021	2023	rVV	201704	157761	2.51%	0.190%
87	14.210	2023	2027	2030	rVV2	186662	286421	4.55%	0.345%
88	14.369	2050	2054	2057	rBV	470159	487559	7.75%	0.587%
89	14.404	2057	2060	2064	rVB	235498	202845	3.23%	0.244%
90	14.492	2073	2075	2077	rBV	193043	182503	2.90%	0.220%
91	14.516	2077	2079	2082	rVB	274703	202928	3.23%	0.244%
92	14.869	2136	2139	2146	rVB3	178129	304239	4.84%	0.367%
93	15.033	2161	2167	2170	rBV	1314786	2366095	37.62%	2.850%
94	15.133	2181	2184	2187	rVB	316633	305893	4.86%	0.369%
95	15.327	2213	2217	2223	rVB	675429	989619	15.74%	1.192%
96	15.398	2223	2229	2233	rBV	1212290	1537237	24.44%	1.852%
97	15.451	2235	2238	2241	rVV	247522	380492	6.05%	0.458%
98	15.486	2241	2244	2250	rVB2	336918	460659	7.33%	0.555%
99	16.915	2481	2487	2495	rVB2	433284	866882	13.78%	1.044%
100	17.362	2557	2563	2571	rVB	280452	580069	9.22%	0.699%

Sum of corrected areas: 83008959

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
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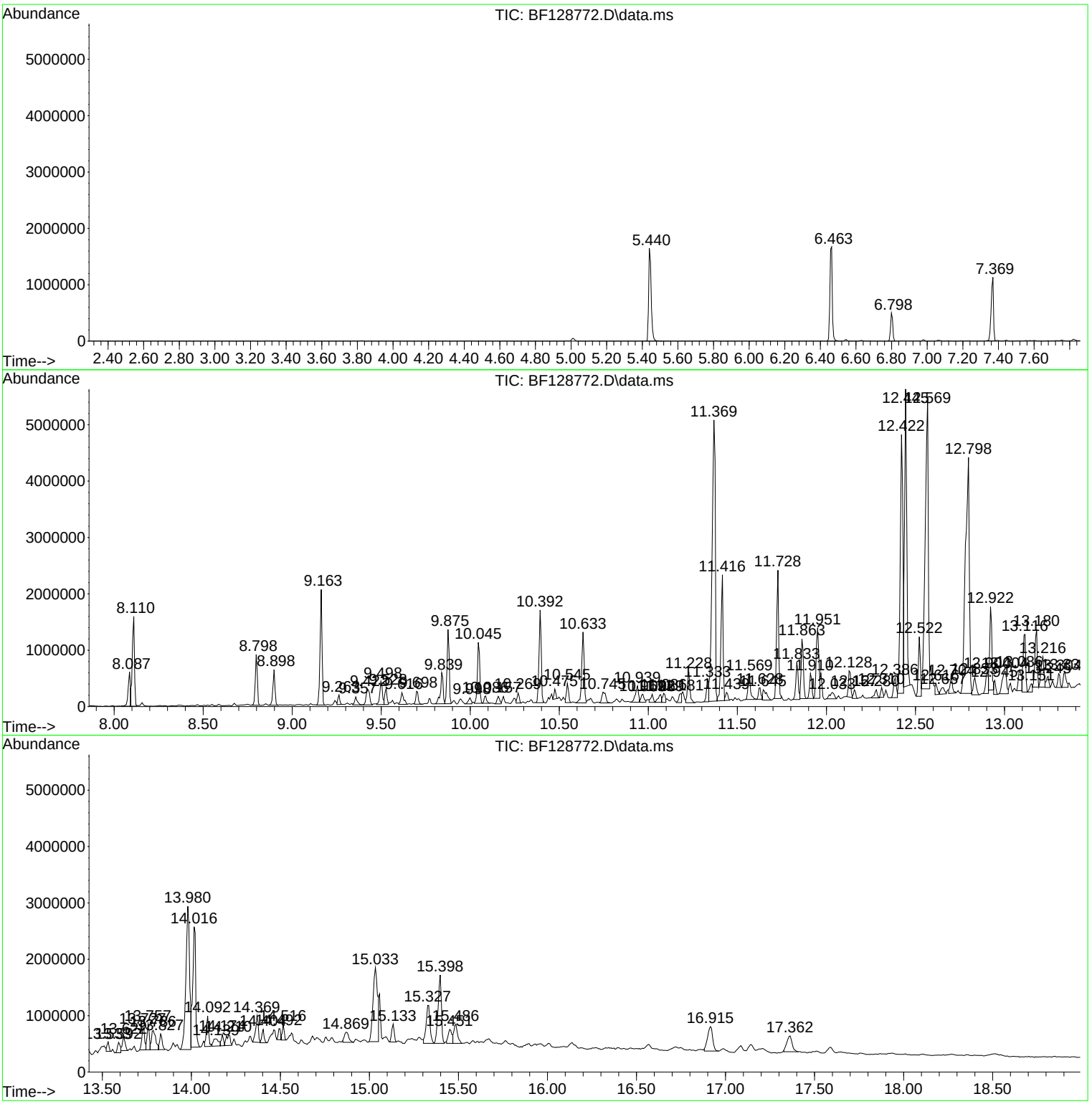
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-060922

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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\BF061022\
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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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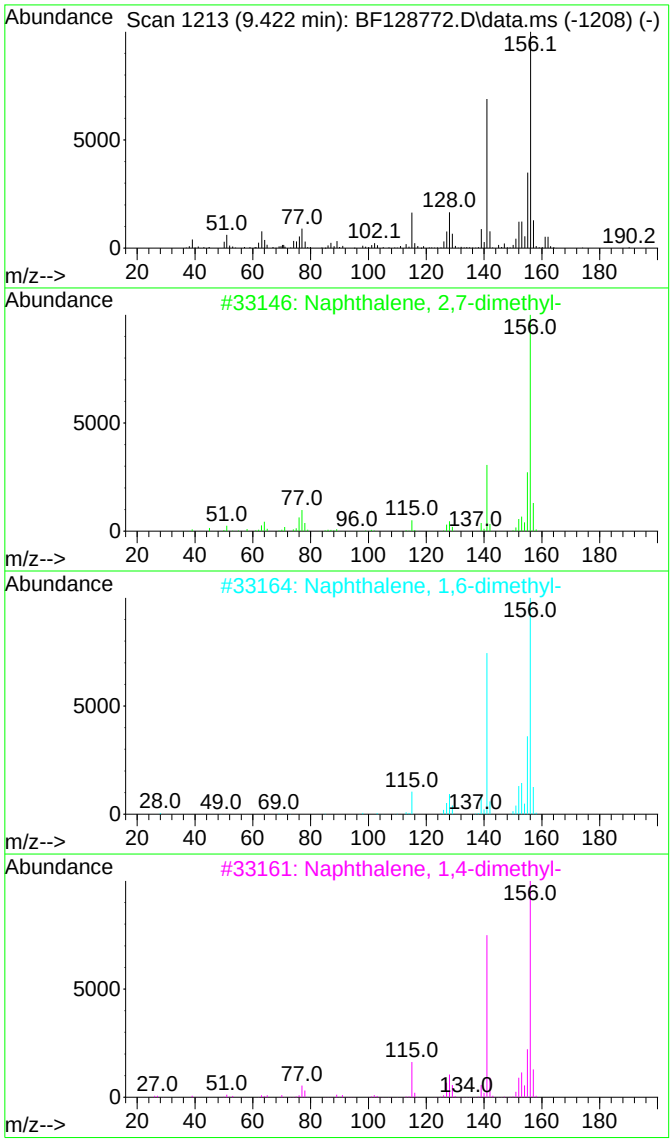
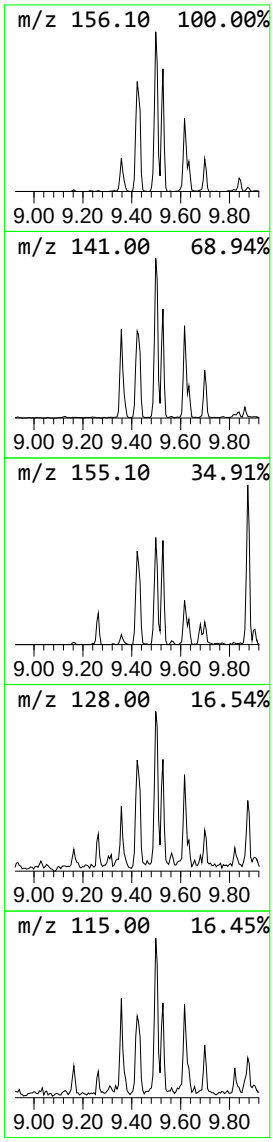
Peak Number 1 Naphthalene, 2,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.422	13.21 ng	378845	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
Data File : BF128772.D
Acq On : 10 Jun 2022 21:43
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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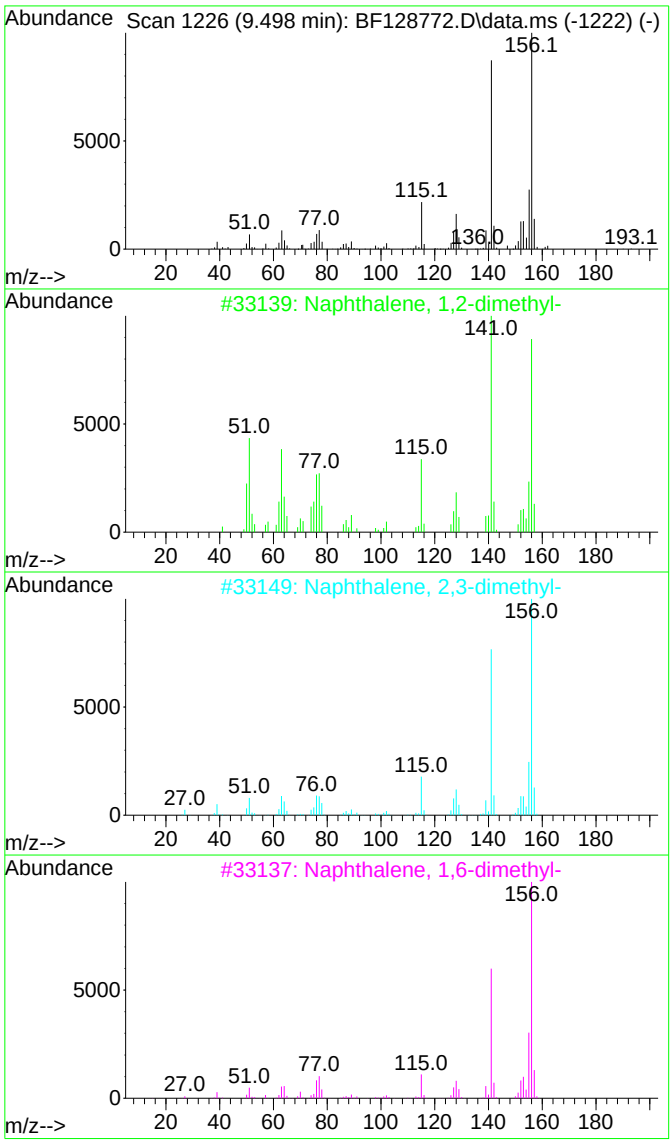
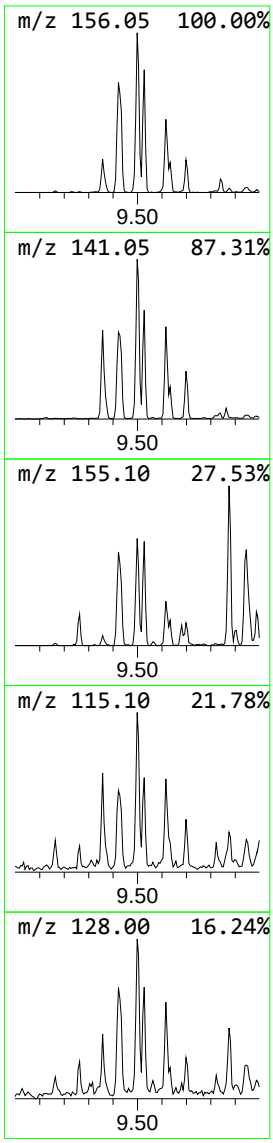
Peak Number 2 Naphthalene, 1,2-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.498	14.96 ng	428847	Acenaphthene-d10	9.839

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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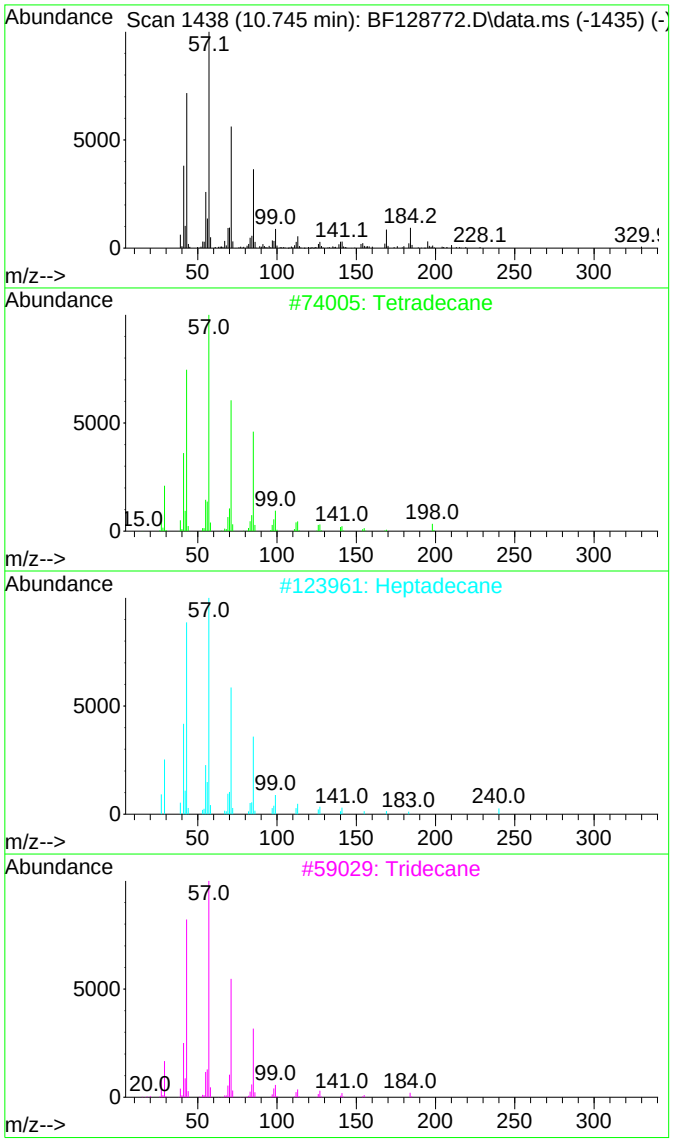
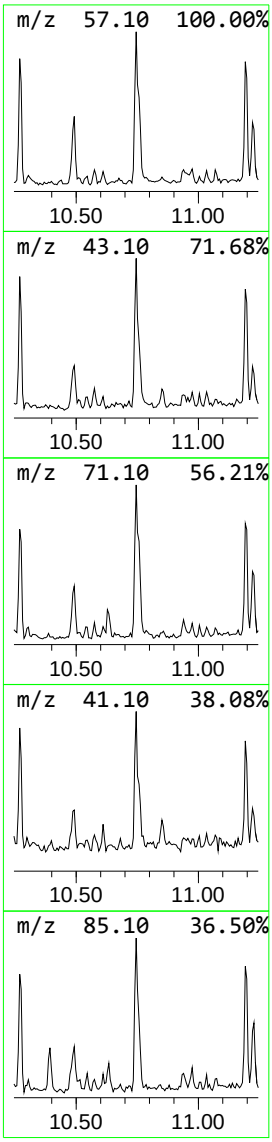
Peak Number 3 Tetradecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.745	15.64 ng	289755	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Heptadecane	240	C17H36	000629-78-7	74
3	Tridecane	184	C13H28	000629-50-5	72
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
5	Eicosane	282	C20H42	000112-95-8	72





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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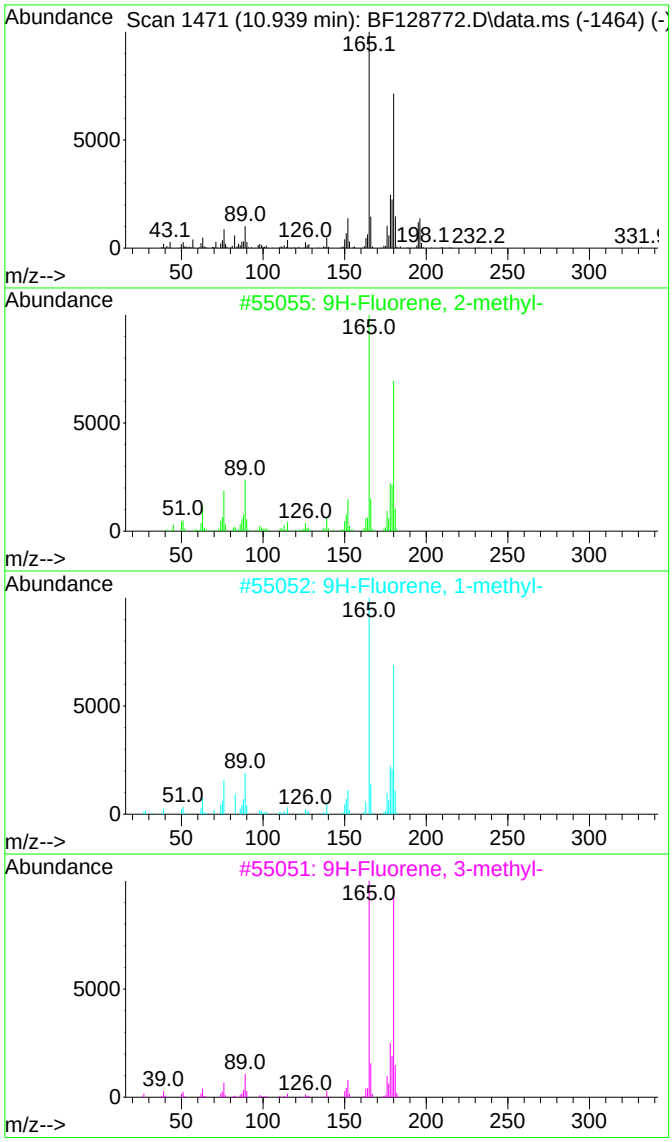
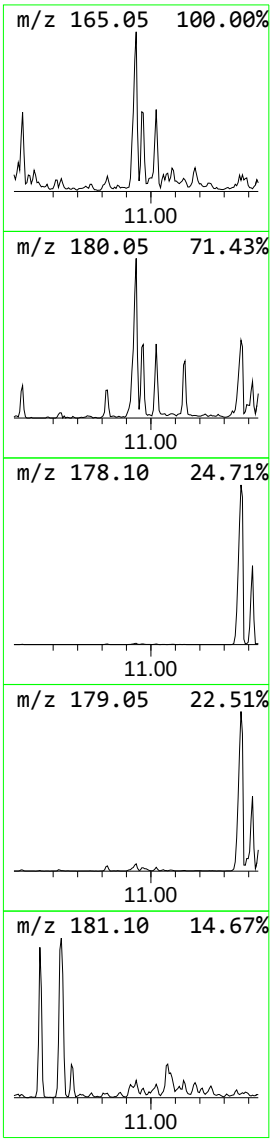
Peak Number 4 9H-Fluorene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.939	18.71 ng	346671	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	70
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	68
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
Data File : BF128772.D
Acq On : 10 Jun 2022 21:43
Operator : CG\JU
Sample : N3295-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-060922

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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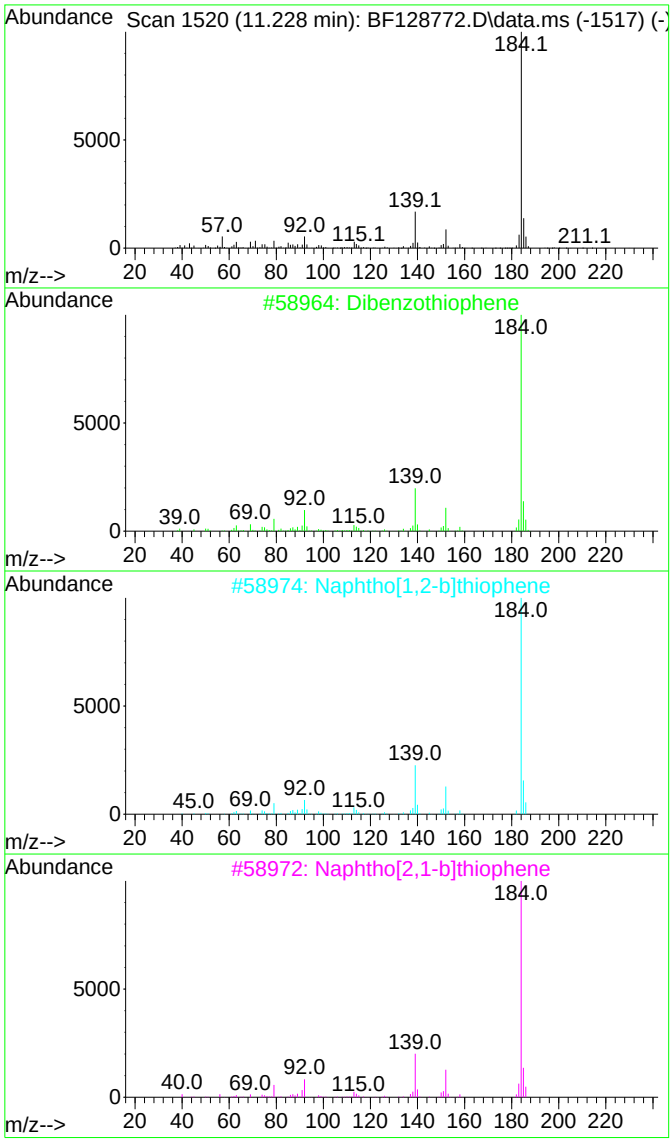
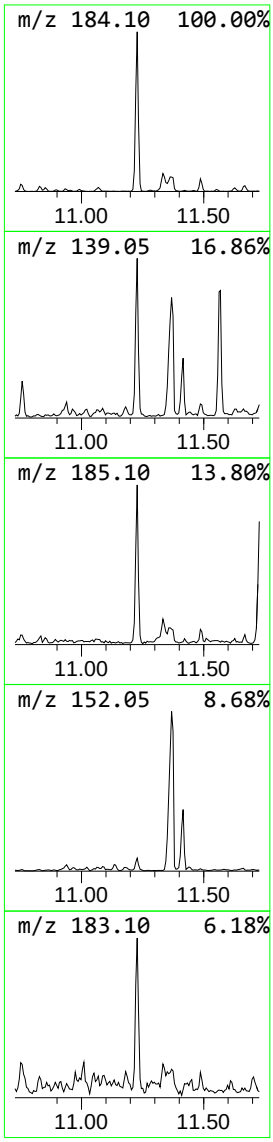
Peak Number 5 Dibenzothiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.228	27.55 ng	510448	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Operator : CG\JU
Sample : N3295-01
Misc :
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ClientSampleId :
OR-03-060922

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

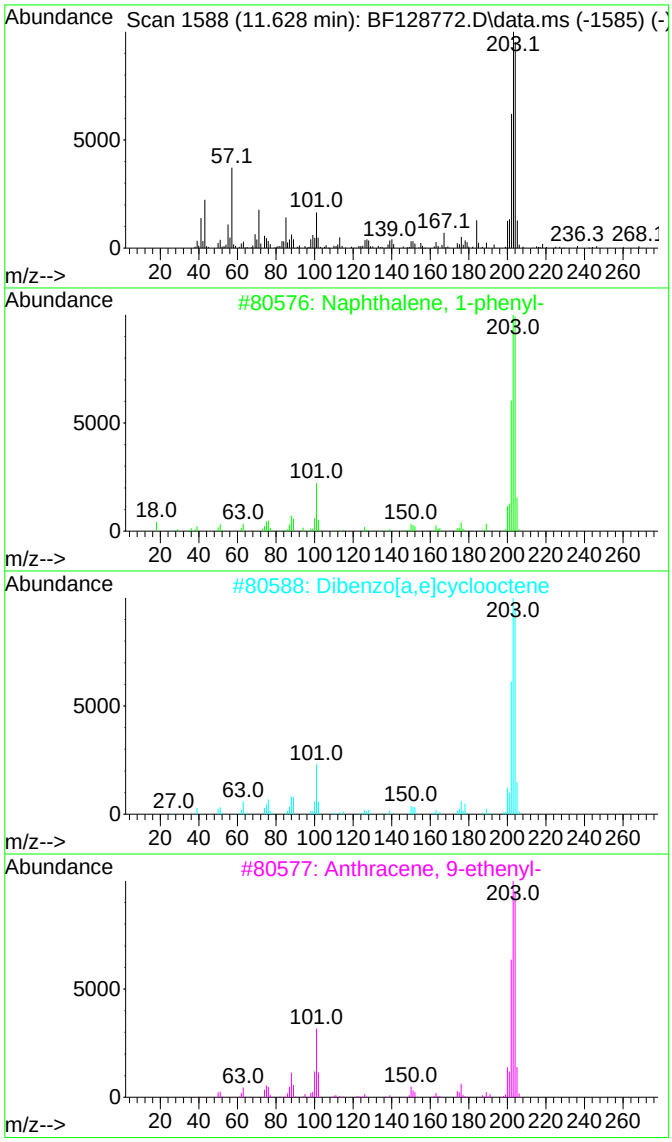
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

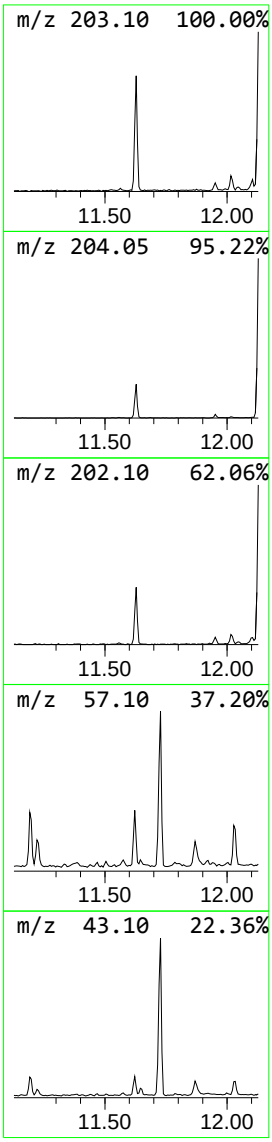
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.628	11.06 ng	204869	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	97
2	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	96
3	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	86
4	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	70
5	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	70





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ClientSampleId :
OR-03-060922

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

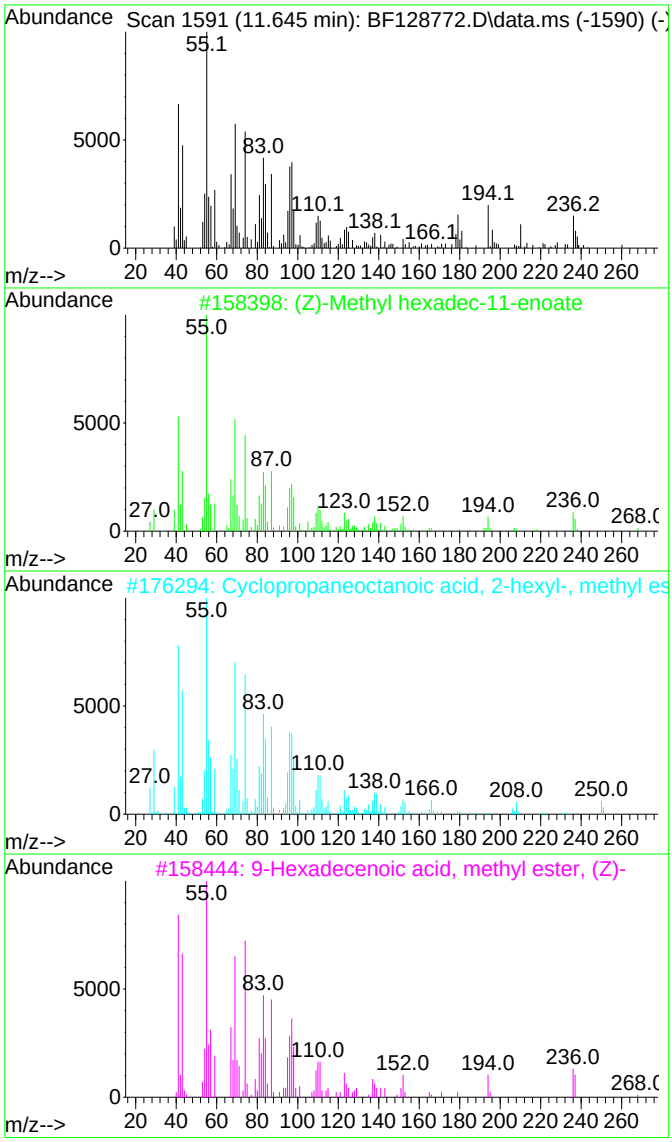
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

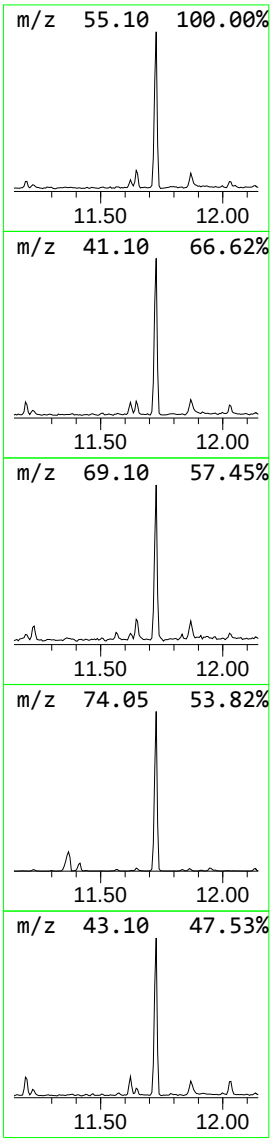
****

Peak Number 7 (Z)-Methyl hexadec-11-enoate Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.645	14.42 ng	267208	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-Methyl hexadec-11-enoate	268	C17H32O2	000822-05-9	80
2	Cyclopropaneoctanoic acid, 2-hex...	282	C18H34O2	010152-61-1	70
3	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	62
4	7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	58
5	Methyl 11-oxo-9-undecenoate	212	C12H20O3	053613-55-1	49





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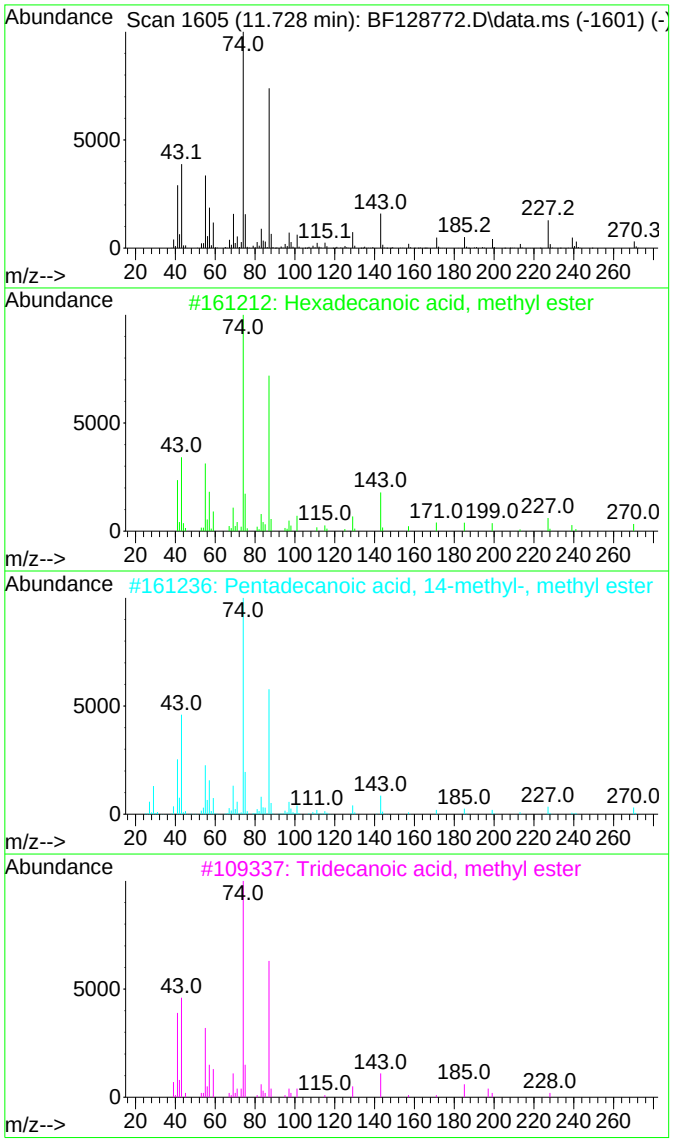
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

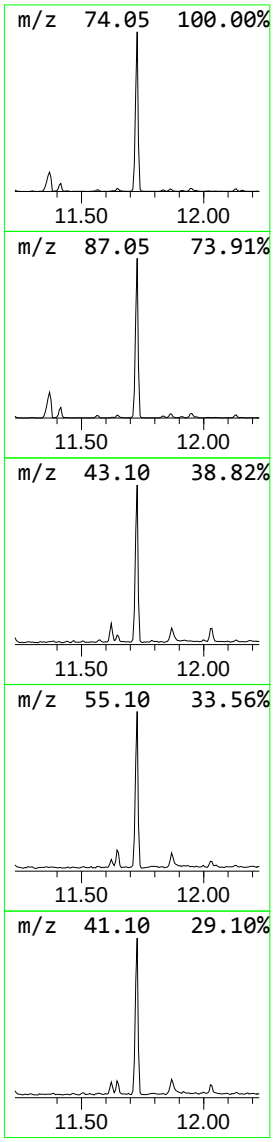
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.727	95.44 ng	1768130	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4	Methyl 8-methyl-nonanoate	186	C11H22O2	1000452-00-9	90
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87





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ClientSampleId :
OR-03-060922

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

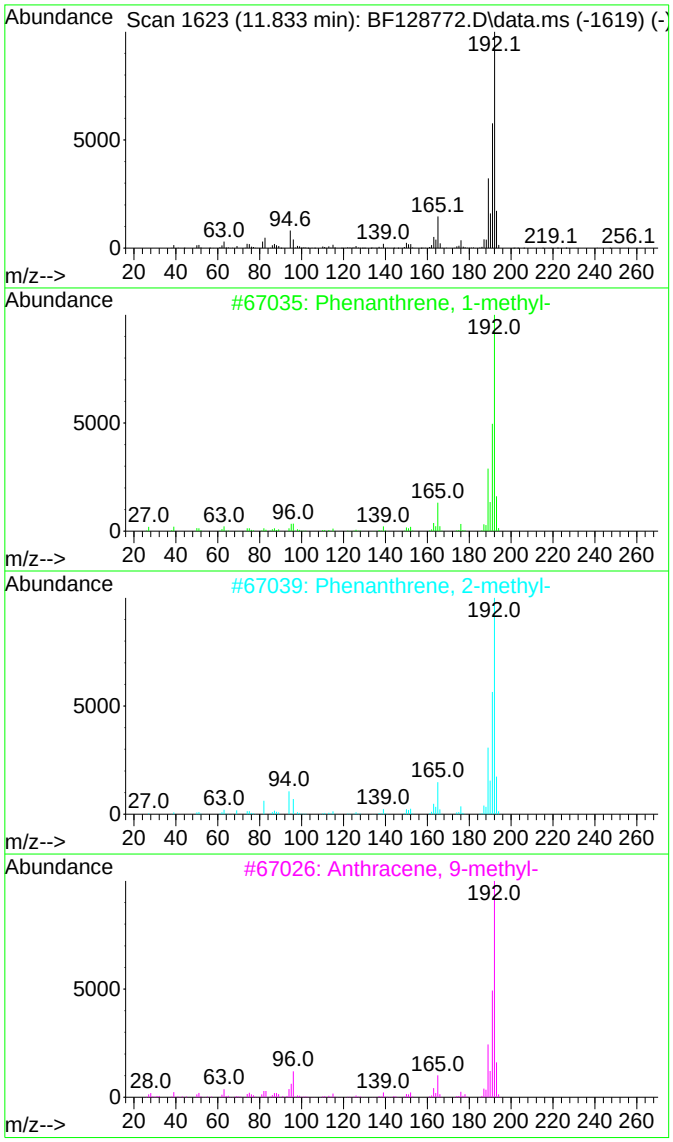
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

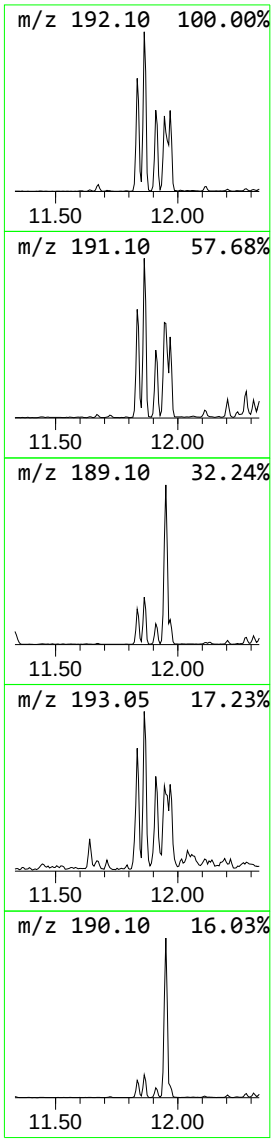
****

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.833	33.81 ng	626396	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





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Misc :
ALS Vial : 19 Sample Multiplier: 1

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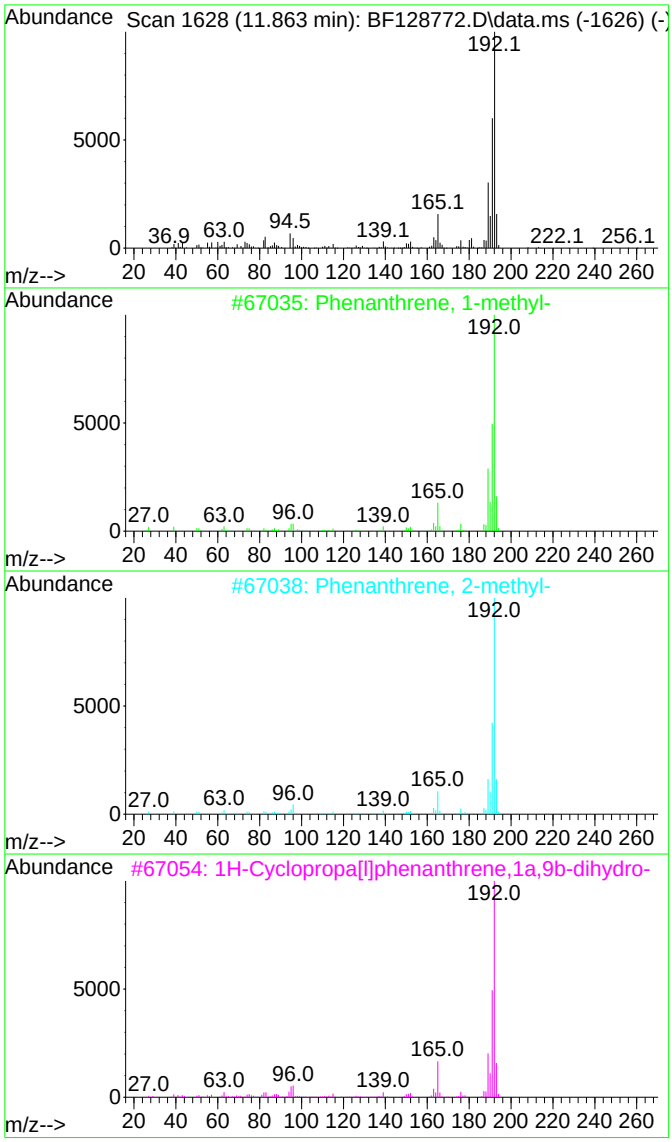
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

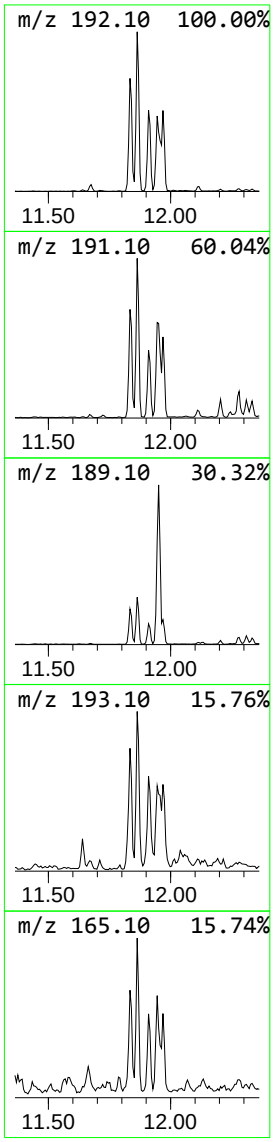
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	49.22 ng	911812	Phenanthrene-d10	11.333

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





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Sample : N3295-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
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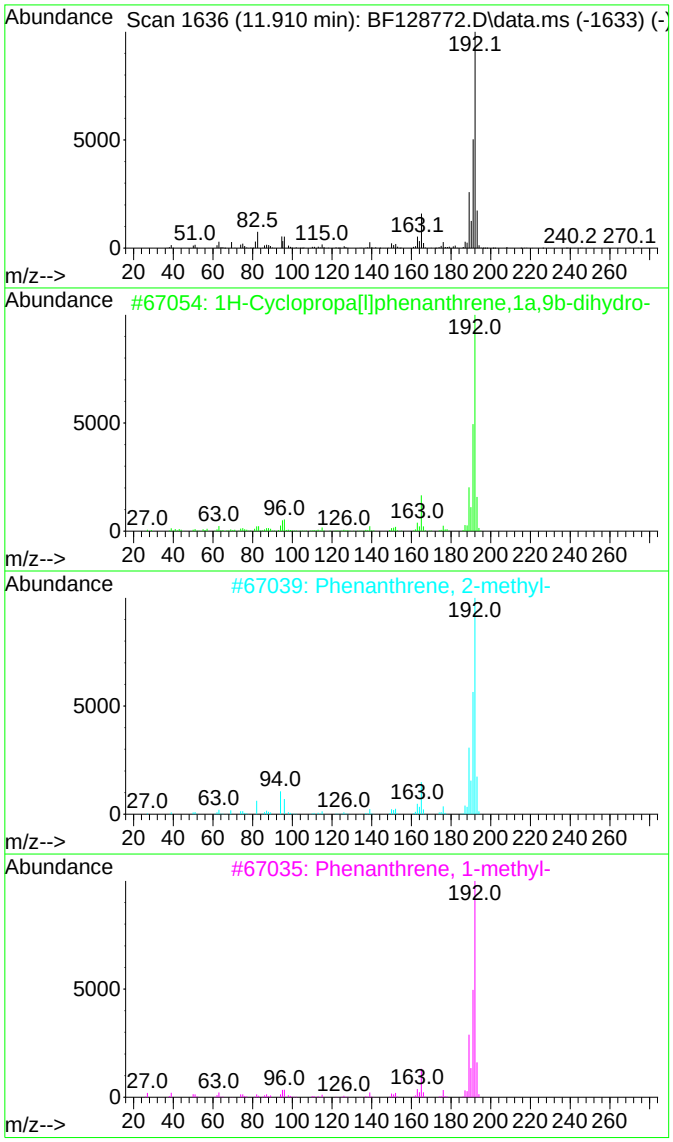
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

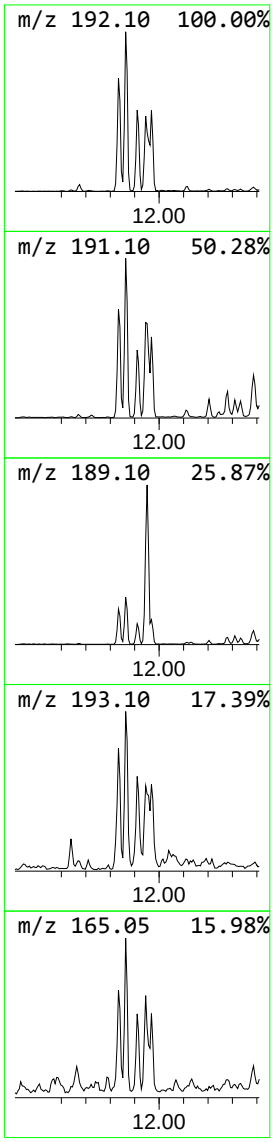
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	20.90 ng	387185	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94





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Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
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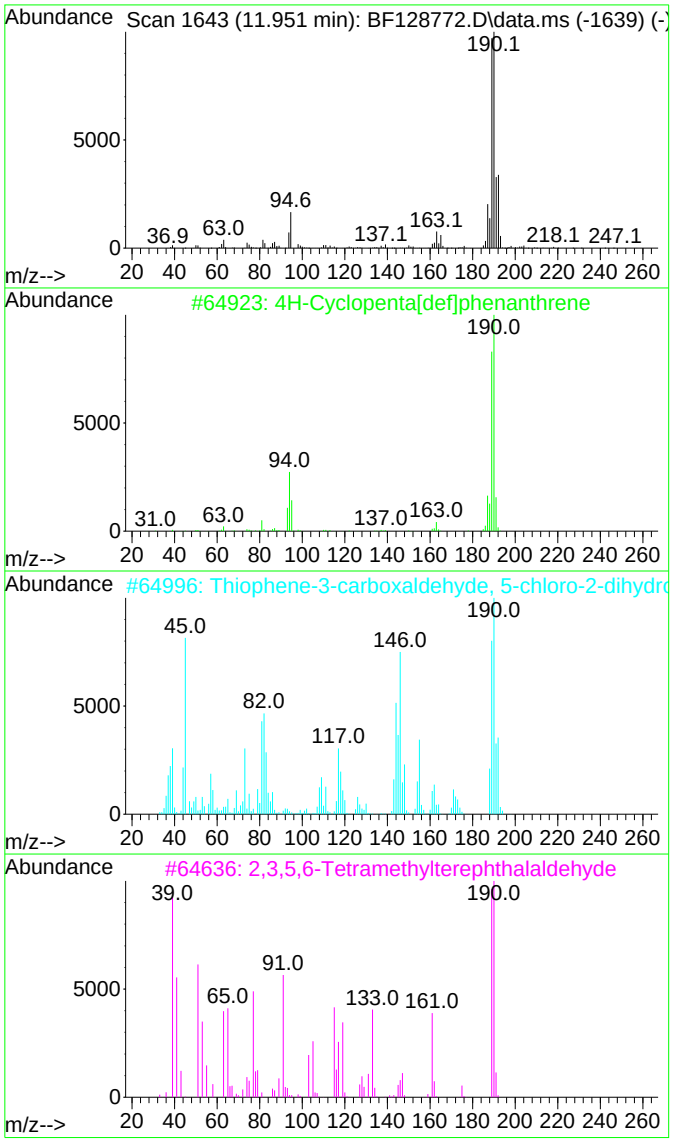
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

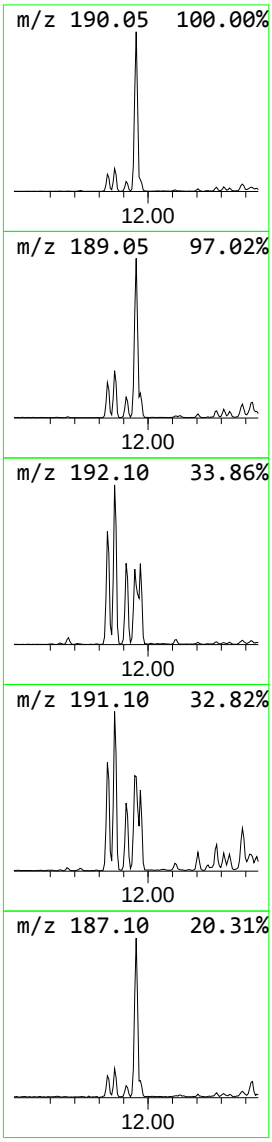
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	70.49 ng	1305980	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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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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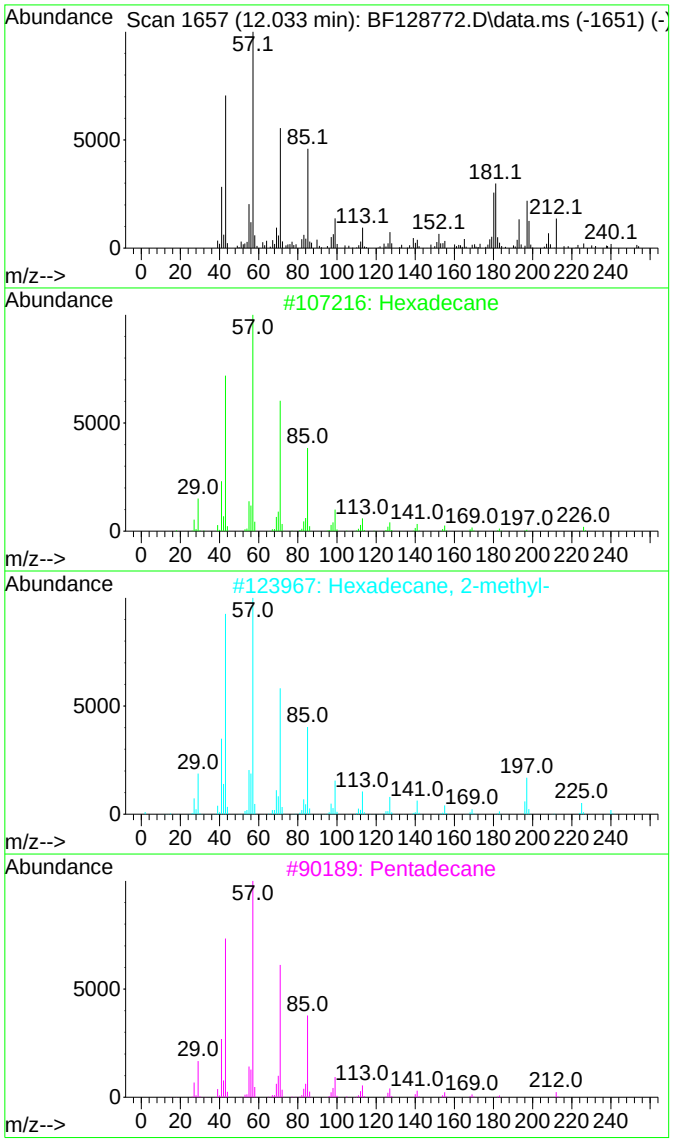
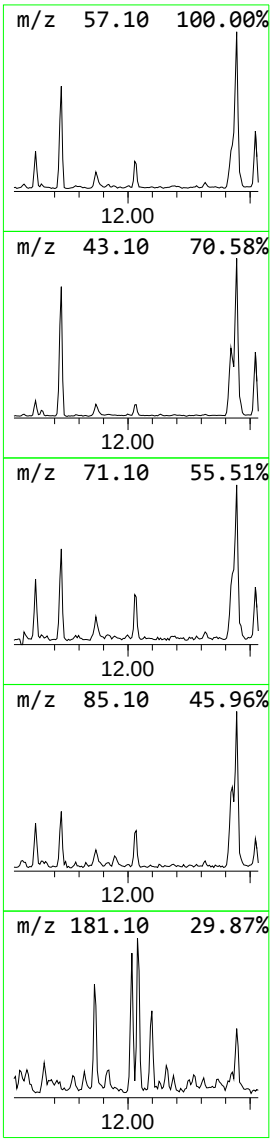
Peak Number 13 Hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.033	10.49 ng	194304	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	83
2	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	64
3	Pentadecane	212	C15H32	000629-62-9	45
4	Tetradecane	198	C14H30	000629-59-4	43
5	Octadecane	254	C18H38	000593-45-3	41





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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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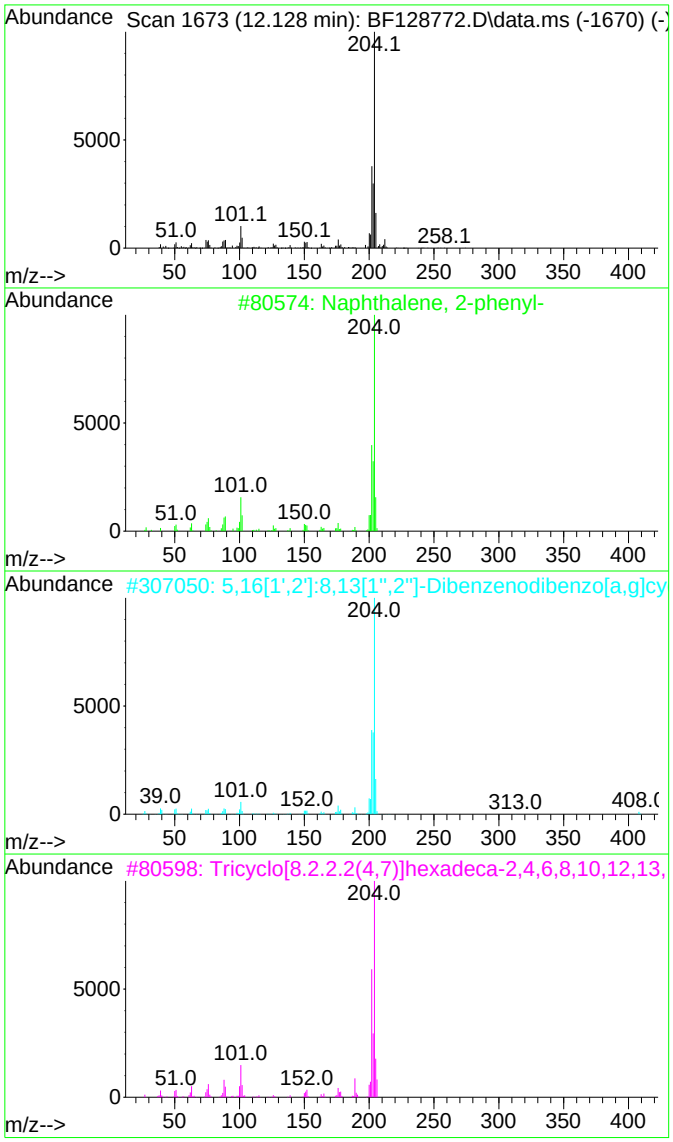
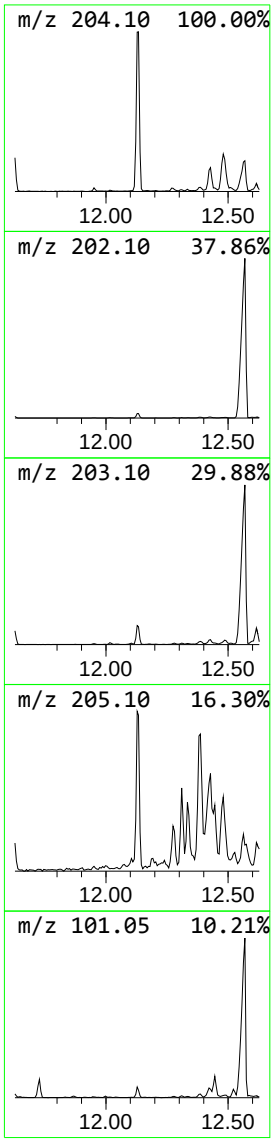
Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.128	22.21 ng	411504	Phenanthrene-d10	11.333

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	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62
5	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	53





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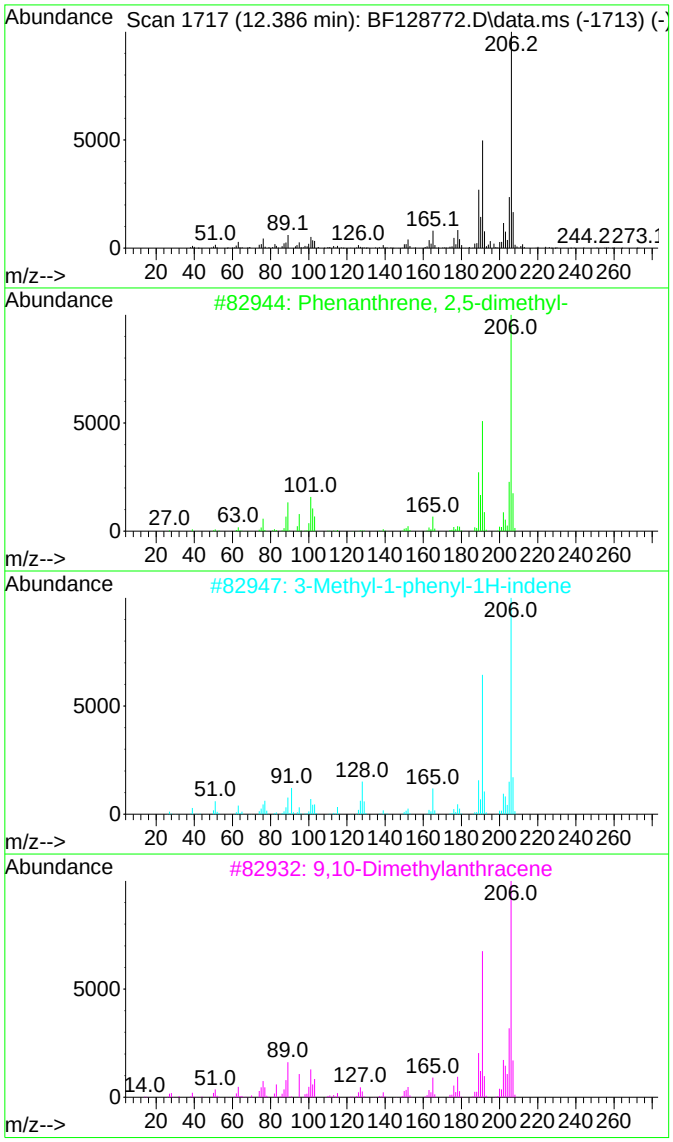
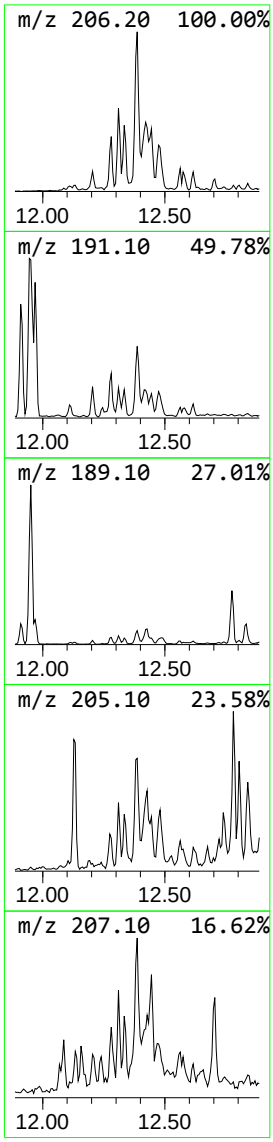
****
Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.386	20.68 ng	383088	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	91





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TIC Library : C:\Database\NIST20.L
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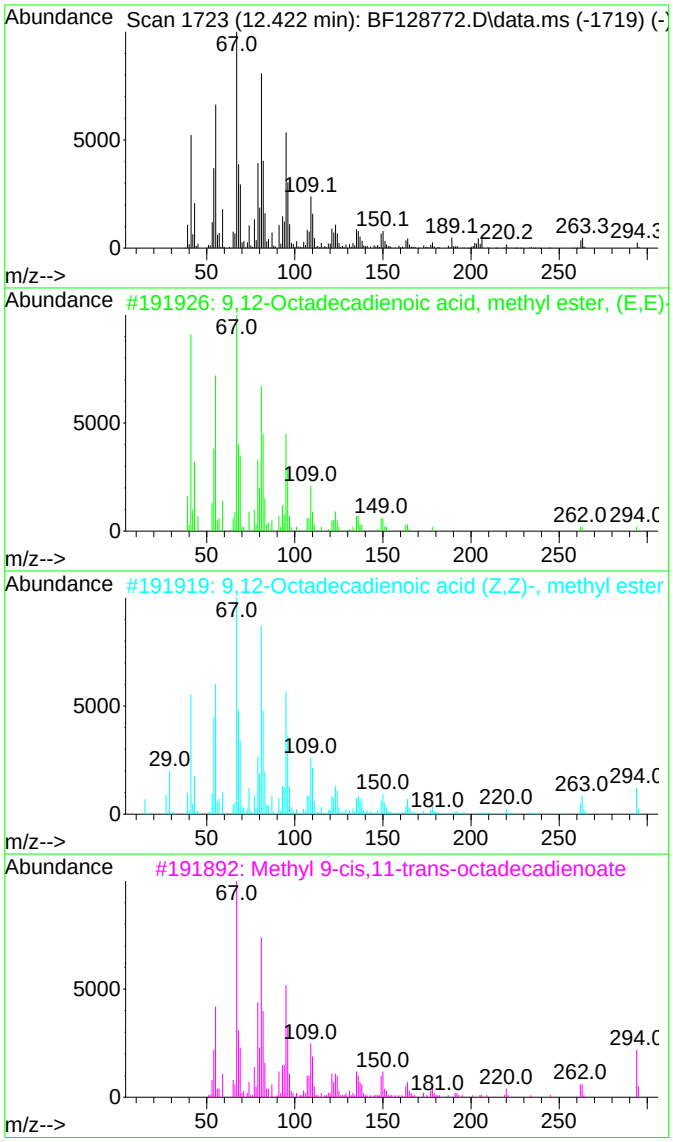
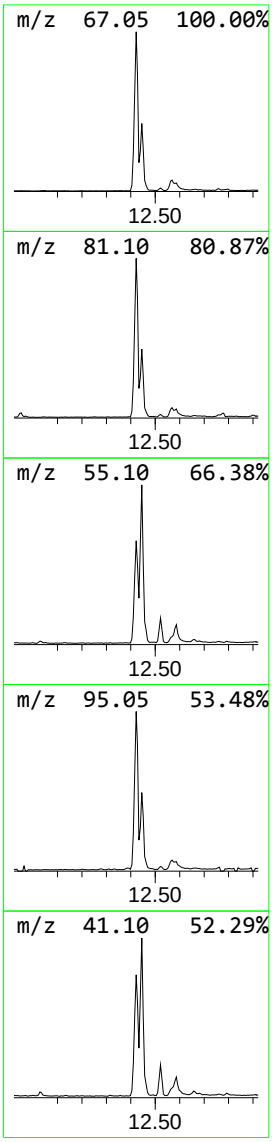
****
Peak Number 16 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.422	263.74 ng	4886100	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99





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Acq On : 10 Jun 2022 21:43
Operator : CG\JU
Sample : N3295-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-060922

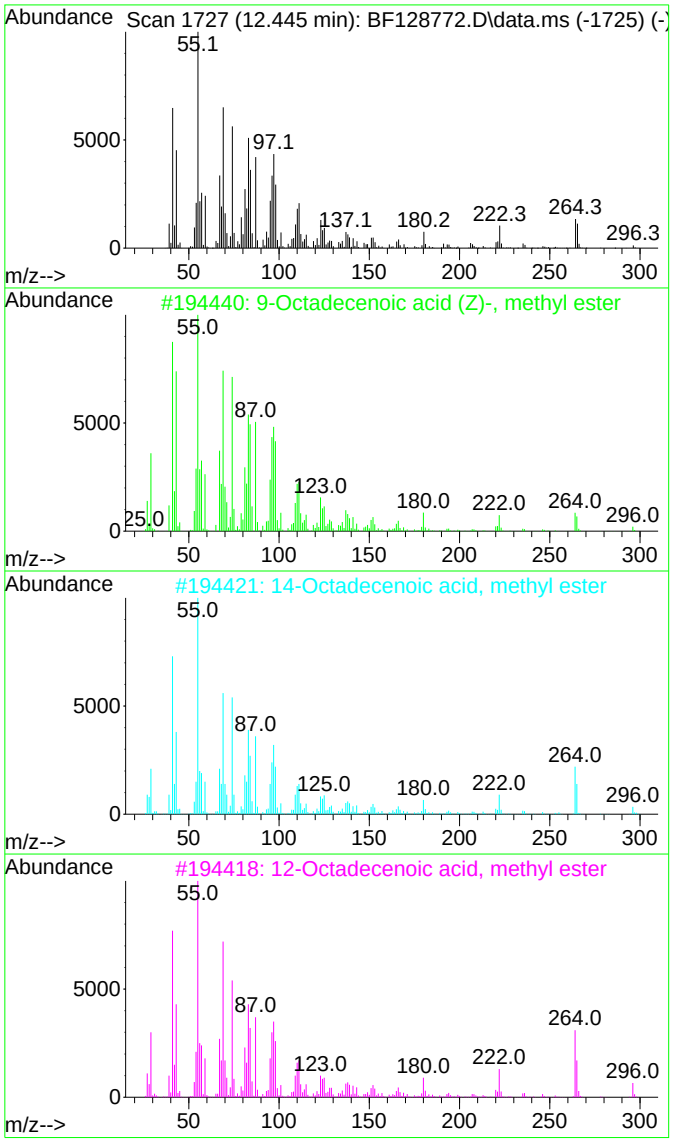
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

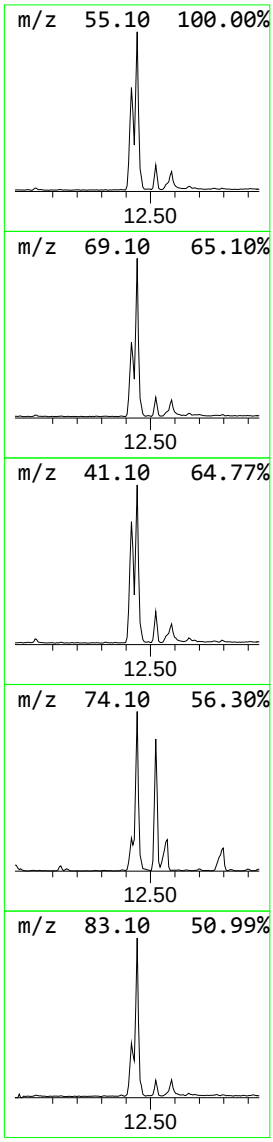
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.445	227.77 ng	4219700	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
3	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
4	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
5	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99





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Data File : BF128772.D
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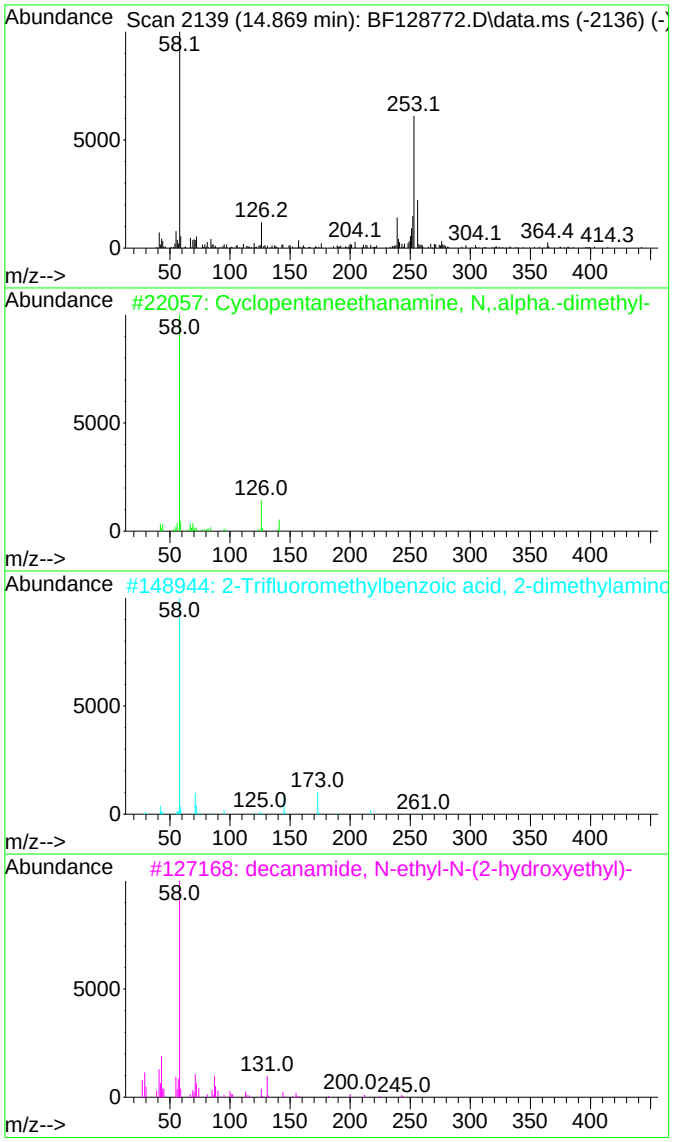
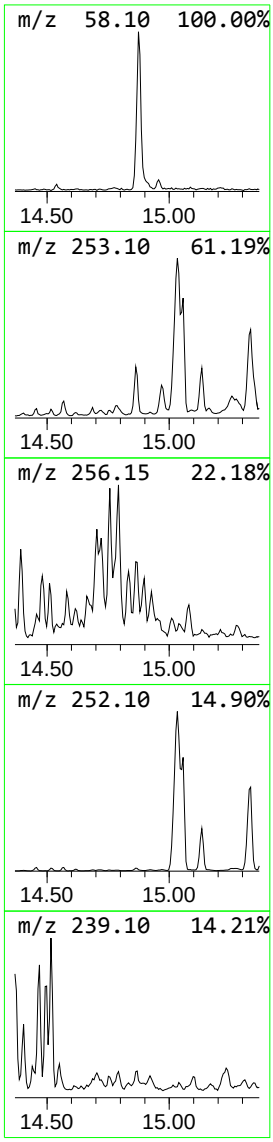
Peak Number 18 unknown14.868 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.868	15.99 ng	304239	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentaneethanamine, N,.alpha...	141	C9H19N	000102-45-4	35
2	2-Trifluoromethylbenzoic acid, 2...	261	C12H14F3NO2	1000331-16-2	30
3	decanamide, N-ethyl-N-(2-hydroxy...	243	C14H29NO2	1000401-25-8	30
4	O-Desmethyl-cis-tramadol	249	C15H23NO2	144830-14-8	30
5	1-Tetradecanamine, N,N-dimethyl-	241	C16H35N	000112-75-4	30





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Data File : BF128772.D
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Operator : CG\JU
Sample : N3295-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-060922

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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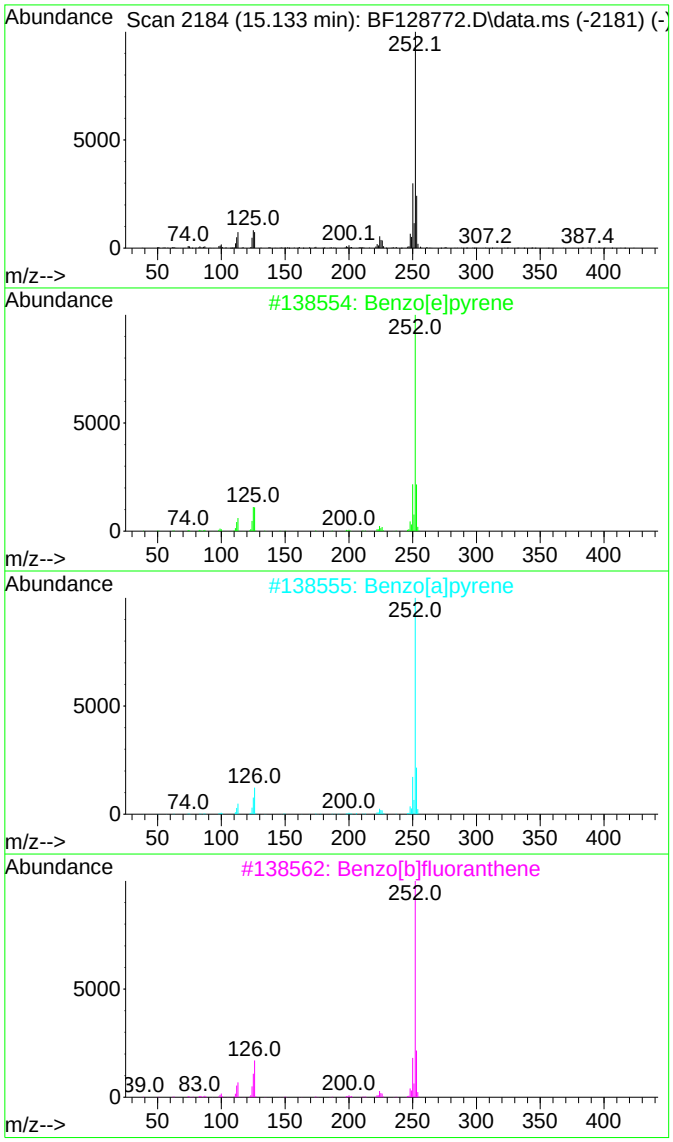
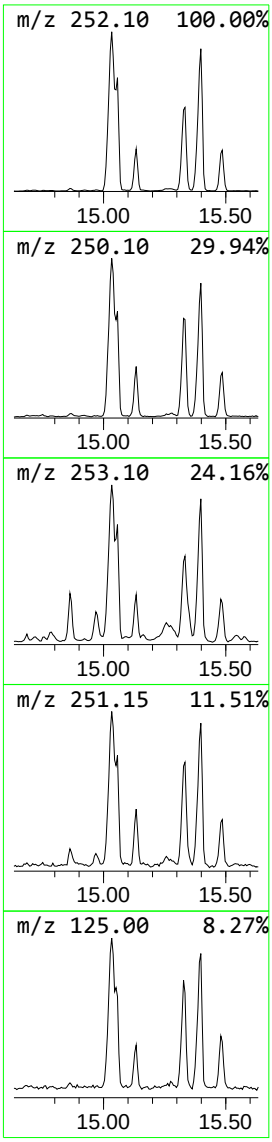
Peak Number 19 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.133	16.08 ng	305893	Perylene-d12	15.451

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[b]fluoranthene	252	C20H12	000205-99-2	91
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	90





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Sample : N3295-01
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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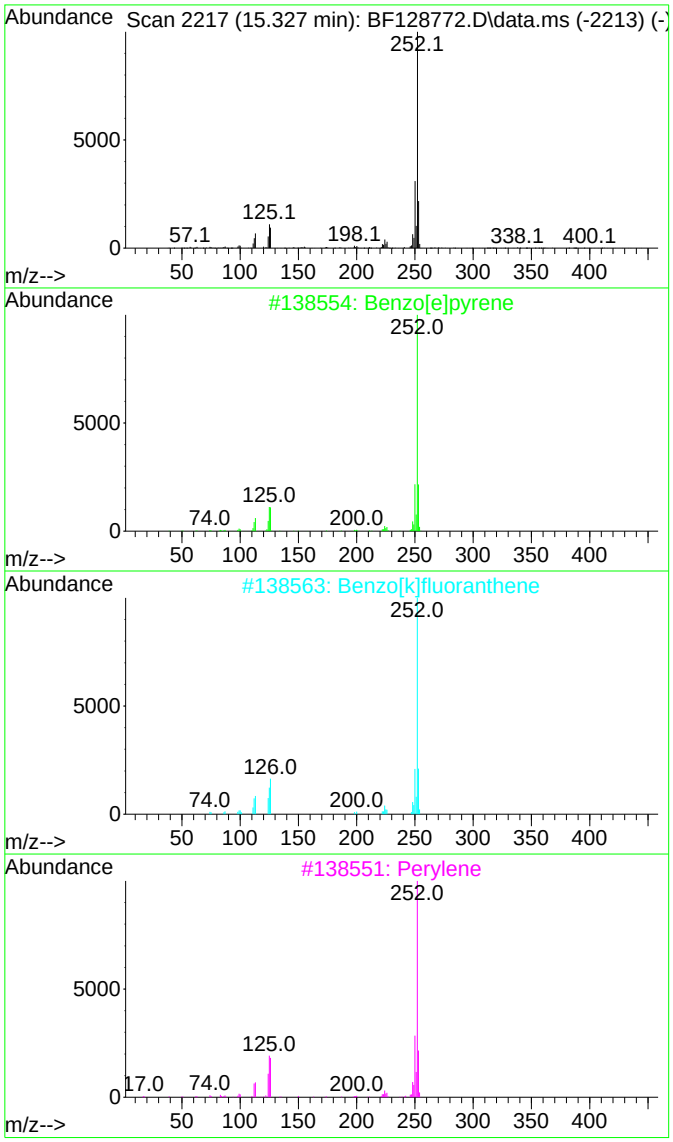
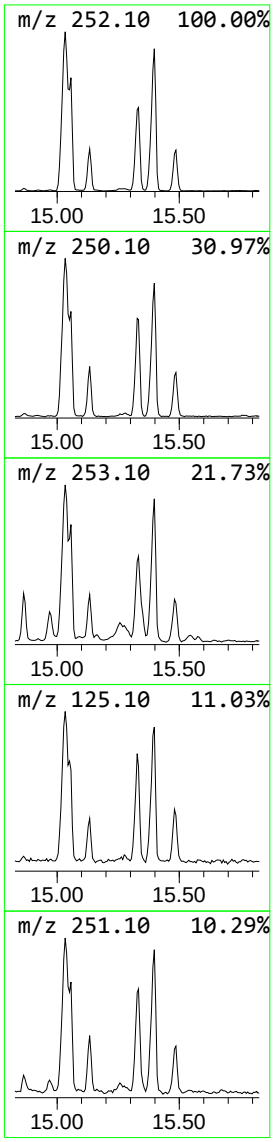
Peak Number 20 Perylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.327	52.02 ng	989619	Perylene-d12	15.451

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	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

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Data File : BF128772.D
Acq On : 10 Jun 2022 21:43
Operator : CG\JU
Sample : N3295-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-060922

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphthalene, 2,...	9.422	13.2	ng	378845	3	9.839	573409	20.0
Naphthalene, 1,...	9.498	15.0	ng	428847	3	9.839	573409	20.0
Tetradecane	10.745	15.6	ng	289755	4	11.333	370527	20.0
9H-Fluorene, 2-...	10.939	18.7	ng	346671	4	11.333	370527	20.0
Dibenzothiophene	11.228	27.6	ng	510448	4	11.333	370527	20.0
Naphthalene, 1-...	11.628	11.1	ng	204869	4	11.333	370527	20.0
(Z)-Methyl hexa...	11.645	14.4	ng	267208	4	11.333	370527	20.0
Hexadecanoic ac...	11.727	95.4	ng	1768130	4	11.333	370527	20.0
Phenanthrene, 1...	11.833	33.8	ng	626396	4	11.333	370527	20.0
Phenanthrene, 2...	11.863	49.2	ng	911812	4	11.333	370527	20.0
1H-Cyclopropa[l...	11.910	20.9	ng	387185	4	11.333	370527	20.0
4H-Cyclopenta[d...	11.951	70.5	ng	1305980	4	11.333	370527	20.0
Hexadecane	12.033	10.5	ng	194304	4	11.333	370527	20.0
Naphthalene, 2-...	12.128	22.2	ng	411504	4	11.333	370527	20.0
Phenanthrene, 2...	12.386	20.7	ng	383088	4	11.333	370527	20.0
9,12-Octadecadi...	12.422	263.7	ng	4886100	4	11.333	370527	20.0
9-Octadecenoic ...	12.445	227.8	ng	4219700	4	11.333	370527	20.0
unknown14.868	14.868	16.0	ng	304239	6	15.451	380492	20.0
Benzo[e]pyrene	15.133	16.1	ng	305893	6	15.451	380492	20.0
Perylene	15.327	52.0	ng	989619	6	15.451	380492	20.0