LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060622\
Data File : BF128709.D
Acq On : 06 Jun 2022 21:25
Operator : CG\JU
Sample : N3197-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-3-060322

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: BF128709.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.475	539	542	555	rBV	966251	1043203	6.37%	0.783%
2	6.492	712	715	725	rBV	938017	962457	5.88%	0.722%
3	6.822	768	771	775	rVB	452678	350209	2.14%	0.263%
4	7.386	863	867	870	rBV	761152	612473	3.74%	0.460%
5	8.104	983	989	992	rBV	439432	431117	2.63%	0.323%
6	9.180	1169	1172	1176	rBV	1195746	977064	5.97%	0.733%
7	9.522	1227	1230	1232	rBV	197091	174769	1.07%	0.131%
8	9.722	1261	1264	1268	rVB	185547	166682	1.02%	0.125%
9	9.863	1285	1288	1291	rVB	512730	393509	2.40%	0.295%
10	9.898	1291	1294	1297	rVB	1024380	798632	4.88%	0.599%
11	10.069	1319	1323	1326	rBV	552763	458674	2.80%	0.344%
12	10.416	1378	1382	1387	rVB	953378	921541	5.63%	0.691%
13	10.569	1405	1408	1412	rVB	332981	281102	1.72%	0.211%
14	10.657	1416	1423	1426	rVV	1104845	1099190	6.71%	0.825%
15	10.780	1438	1444	1447	rVB4	201858	238176	1.45%	0.179%
16	10.963	1468	1475	1477	rBV3	290898	380036	2.32%	0.285%
17	10.986	1477	1479	1482	rVV2	161064	174655	1.07%	0.131%
18	11.086	1492	1496	1498	rVV3	239310	315308	1.93%	0.237%
19	11.110	1498	1500	1502	rVV2	269245	249666	1.52%	0.187%
20	11.157	1506	1508	1512	rVV2	300297	267084	1.63%	0.200%
21	11.204	1512	1516	1521	rVV2	264546	420467	2.57%	0.315%
22	11.251	1521	1524	1530	rVB	495255	486723	2.97%	0.365%
23	11.392	1536	1548	1551	rBV	6162255	7868934	48.06%	5.904%
24	11.439	1551	1556	1558	rVV	3273126	2790779	17.05%	2.094%
25	11.463	1558	1560	1563	rVB2	175196	175986	1.07%	0.132%
26	11.592	1579	1582	1589	rVV2	392886	586729	3.58%	0.440%
27	11.651	1589	1592	1596	rVV3	342360	335821	2.05%	0.252%
28	11.686	1596	1598	1603	rVV4	209322	264757	1.62%	0.199%
29	11.745	1606	1608	1615	rVB2	743505	773159	4.72%	0.580%
30	11.857	1623	1627	1630	rBV	965022	969651	5.92%	0.728%
31	11.892	1630	1633	1636	rVB	1704805	1524757	9.31%	1.144%
32	11.939	1637	1641	1644	rVV	832484	781136	4.77%	0.586%
33	11.974	1644	1647	1650	rVV	2331639	2708150	16.54%	2.032%
34	11.998	1650	1651	1655	rVB	800218	356063	2.17%	0.267%
35	12.157	1675	1678	1680	rBV	888694	734260	4.48%	0.551%
36	12.186	1680	1683	1686	rVB	496779	482288	2.95%	0.362%

LSC Area Percent Report

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Sample : N3197-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-3-060322

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	12.304	1700	1703	1706	rBV	249977	197537	1.21%	0.148%
38	12.333	1706	1708	1710	rBV	246532	186900	1.14%	0.140%
39	12.357	1710	1712	1717	rVB	229523	214179	1.31%	0.161%
40	12.410	1717	1721	1724	rBV	659728	788885	4.82%	0.592%
41	12.451	1724	1728	1730	rVV	3889572	3886226	23.74%	2.916%
42	12.468	1730	1731	1736	rVV2	2361058	1854519	11.33%	1.392%
43	12.516	1736	1739	1742	rVV	672362	760109	4.64%	0.570%
44	12.551	1742	1745	1746	rVV	500092	353522	2.16%	0.265%
45	12.610	1746	1755	1758	rVV	8716249	16371795	100.00%	12.284%
46	12.645	1759	1761	1764	rVV	361526	288971	1.77%	0.217%
47	12.680	1764	1767	1771	rVB3	184549	194599	1.19%	0.146%
48	12.727	1771	1775	1779	rBV	727391	782470	4.78%	0.587%
49	12.821	1785	1791	1793	rBV2	7532505	12291195	75.08%	9.222%
50	12.839	1793	1794	1796	rVV	7799795	3615363	22.08%	2.713%
51	12.863	1796	1798	1802	rVB2	693661	665231	4.06%	0.499%
52	12.927	1805	1809	1811	rBV	924061	1038450	6.34%	0.779%
53	12.945	1811	1812	1814	rVV	988390	775416	4.74%	0.582%
54	12.968	1814	1816	1819	rVB	659429	550270	3.36%	0.413%
55	13.027	1820	1826	1829	rBV2	871688	1535778	9.38%	1.152%
56	13.110	1837	1840	1842	rBV3	646471	764103	4.67%	0.573%
57	13.139	1842	1845	1848	rVB	1952706	1849356	11.30%	1.388%
58	13.174	1848	1851	1853	rBV3	195434	260011	1.59%	0.195%
59	13.204	1853	1856	1859	rBV	1419670	1267729	7.74%	0.951%
60	13.239	1859	1862	1865	rBV2	1088880	1251863	7.65%	0.939%
61	13.268	1865	1867	1869	rVB	354643	290835	1.78%	0.218%
62	13.298	1869	1872	1875	rVB2	285942	237275	1.45%	0.178%
63	13.333	1875	1878	1880	rBV	536567	460141	2.81%	0.345%
64	13.363	1880	1883	1886	rBV2	578499	588027	3.59%	0.441%
65	13.521	1906	1910	1911	rBV3	229525	281834	1.72%	0.211%
66	13.557	1914	1916	1919	rVV	275089	278634	1.70%	0.209%
67	13.621	1923	1927	1928	rBV	246442	275933	1.69%	0.207%
68	13.645	1928	1931	1935	rVV	860979	922864	5.64%	0.692%
69	13.757	1946	1950	1952	rVV	1054773	1110086	6.78%	0.833%
70	13.786	1952	1955	1957	rVV	1118521	1105831	6.75%	0.830%
71	13.810	1957	1959	1965	rVV3	1019492	1616807	9.88%	1.213%
72	13.857	1965	1967	1971	rVB	782094	822729	5.03%	0.617%
73	14.015	1986	1994	1997	rBV2	4602343	8296496	50.68%	6.225%
74	14.057	1997	2001	2006	rVV	4859405	5547133	33.88%	4.162%
75	14.127	2009	2013	2016	rVV	1662622	1591296	9.72%	1.194%
76	14.157	2016	2018	2023	rVV3	489402	695060	4.25%	0.522%

LSC Area Percent Report

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Sample : N3197-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-3-060322

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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

77	14.204	2024	2026	2028	rVV	401743	346702	2.12%	0.260%
78	14.227	2028	2030	2031	rVV	424271	370743	2.26%	0.278%
79	14.268	2035	2037	2039	rVB	236981	182171	1.11%	0.137%
80	14.357	2050	2052	2055	rBV2	306833	305645	1.87%	0.229%
81	14.398	2056	2059	2062	rVV	980460	912984	5.58%	0.685%
82	14.433	2062	2065	2068	rVB2	423493	390603	2.39%	0.293%
83	14.521	2078	2080	2082	rBV	415206	399260	2.44%	0.300%
84	14.545	2082	2084	2087	rVV	597073	459748	2.81%	0.345%
85	14.592	2088	2092	2098	rVB4	372589	660760	4.04%	0.496%
86	14.710	2110	2112	2114	rBV2	209926	183799	1.12%	0.138%
87	14.898	2140	2144	2151	rVB2	338528	526586	3.22%	0.395%
88	15.080	2167	2175	2178	rBV	3154086	6920136	42.27%	5.192%
89	15.174	2188	2191	2194	rVB	855353	851900	5.20%	0.639%
90	15.380	2220	2226	2231	rVB	1764924	2762578	16.87%	2.073%
91	15.457	2231	2239	2242	rVB	2866423	4510680	27.55%	3.385%
92	15.533	2248	2252	2257	rVB2	1073074	1504713	9.19%	1.129%
93	16.998	2494	2501	2506	rVB	1137406	2558502	15.63%	1.920%
94	17.451	2571	2578	2586	rVB	831800	2006060	12.25%	1.505%

Sum of corrected areas: 133274235

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060622\
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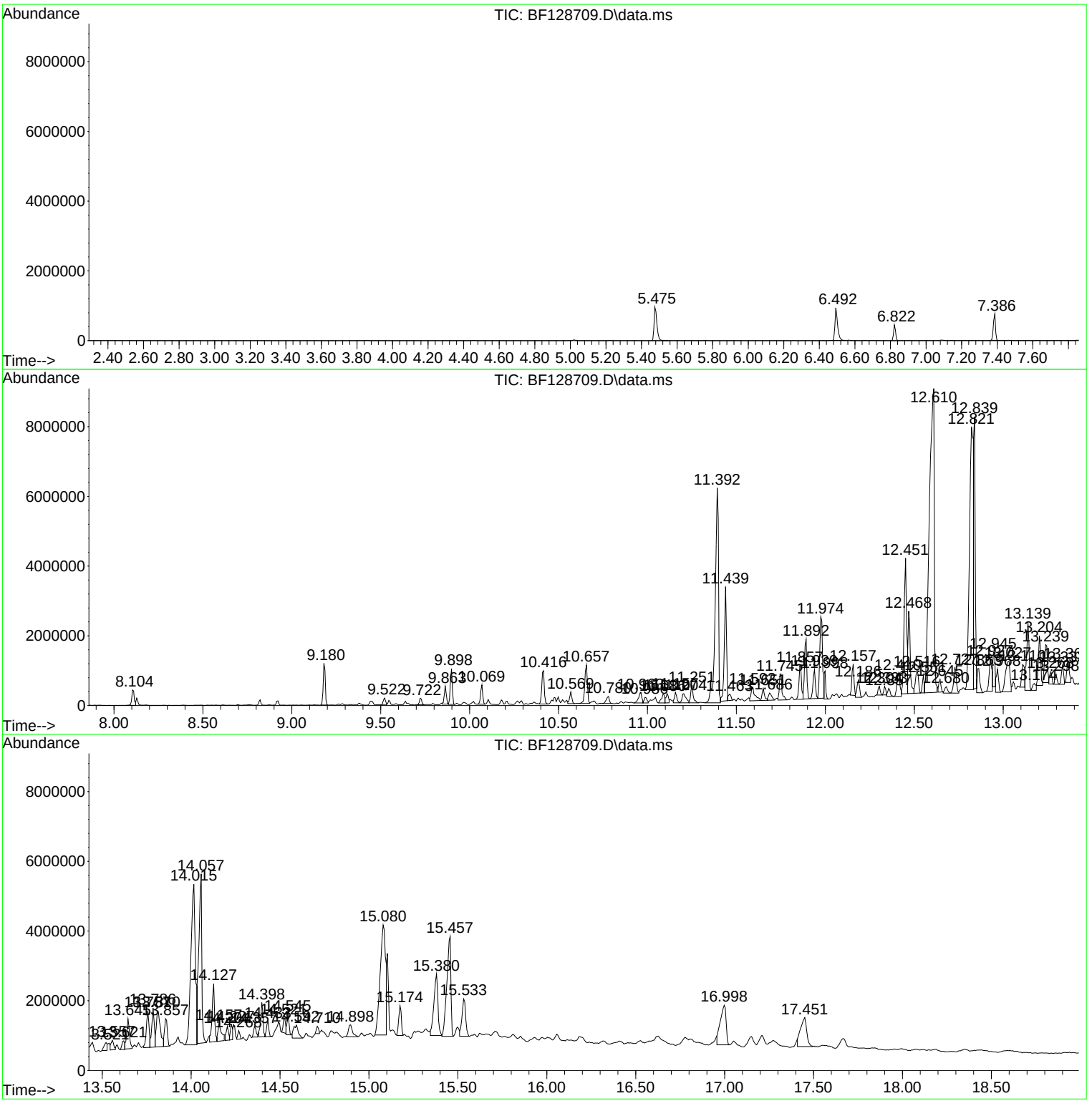
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-3-060322

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\BF060622\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

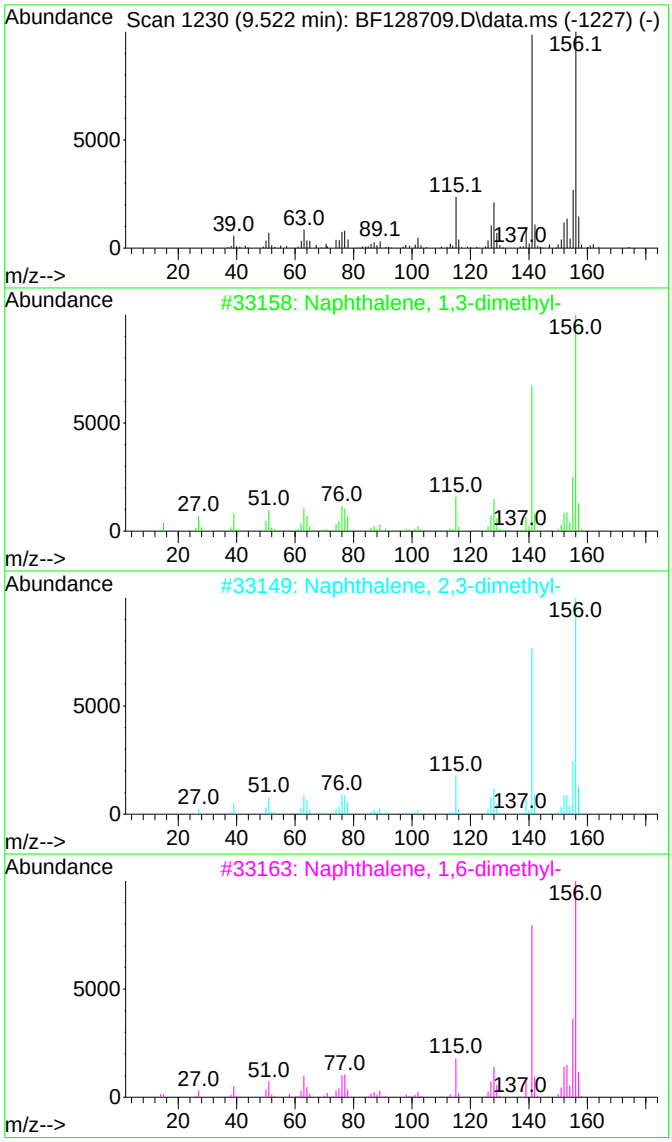
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

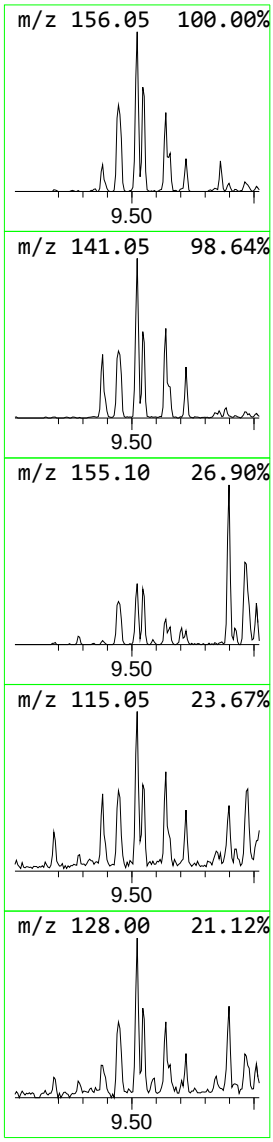
****

Peak Number 1 Naphthalene, 1,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.522	8.88 ng	174769	Acenaphthene-d10	9.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060622\
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Acq On : 06 Jun 2022 21:25
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Sample : N3197-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-3-060322

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

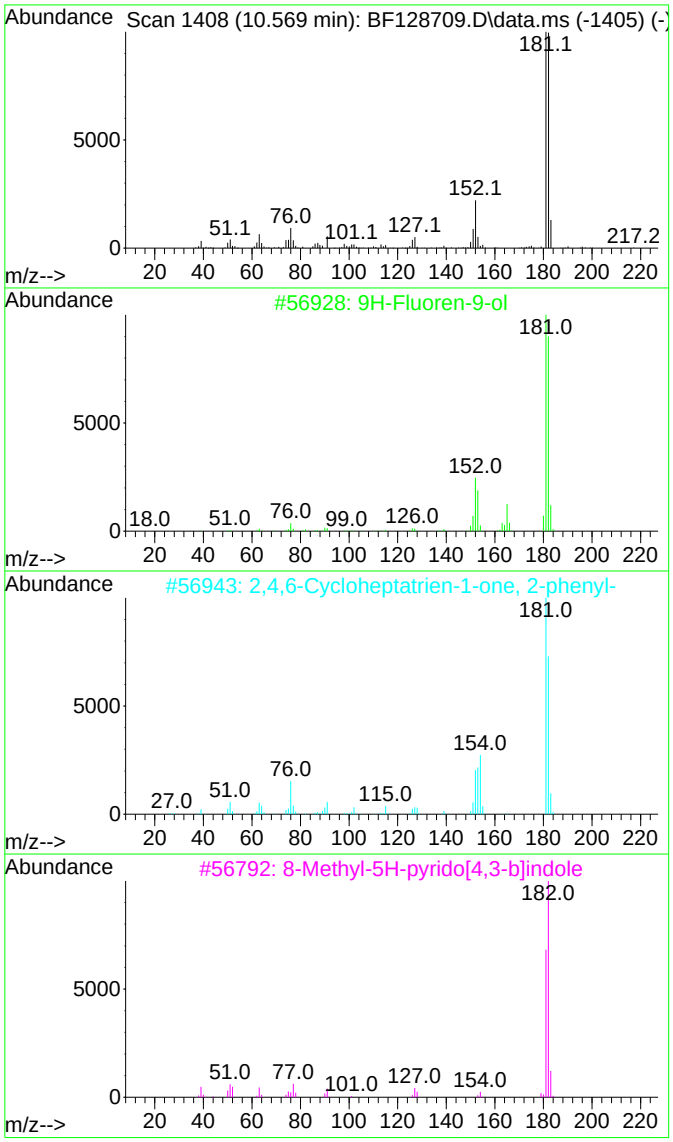
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

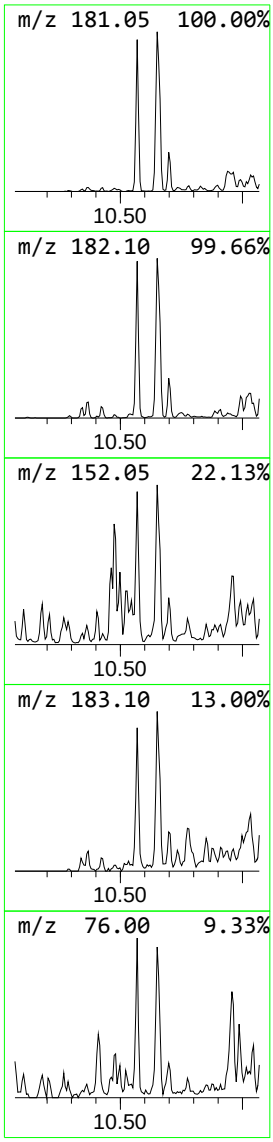
****

Peak Number 2 9H-Fluoren-9-ol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.569	14.29 ng	281102	Acenaphthene-d10	9.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
3	8-Methyl-5H-pyrido[4,3-b]indole	182	C12H10N2	088894-13-7	72
4	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	72
5	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	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

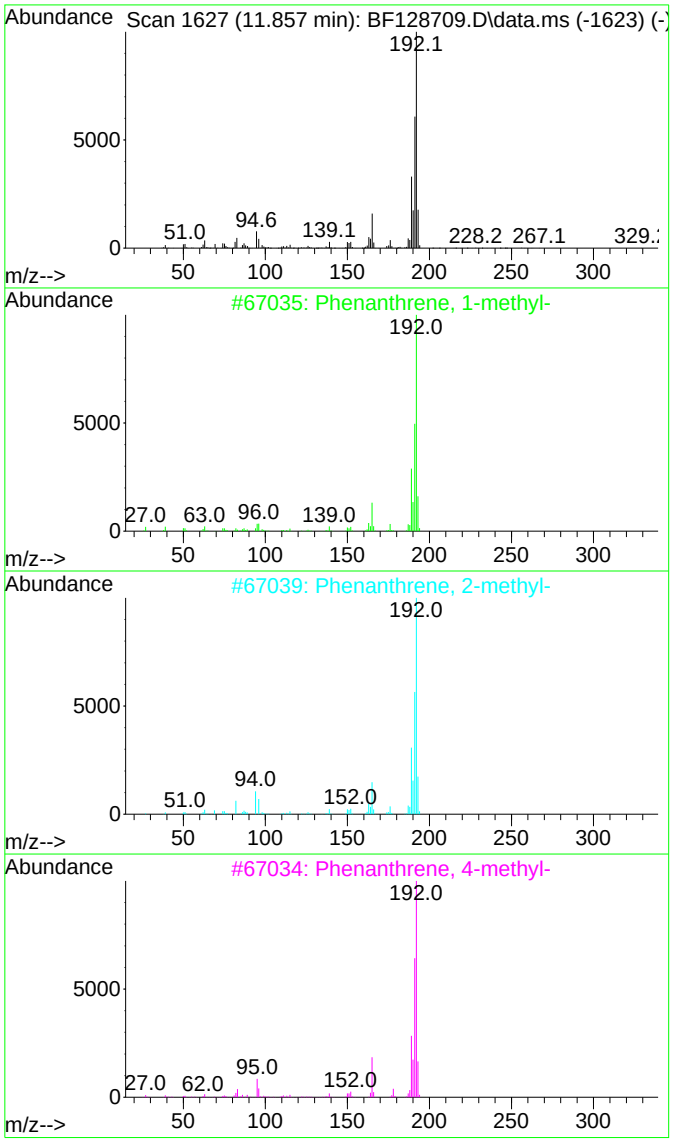
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

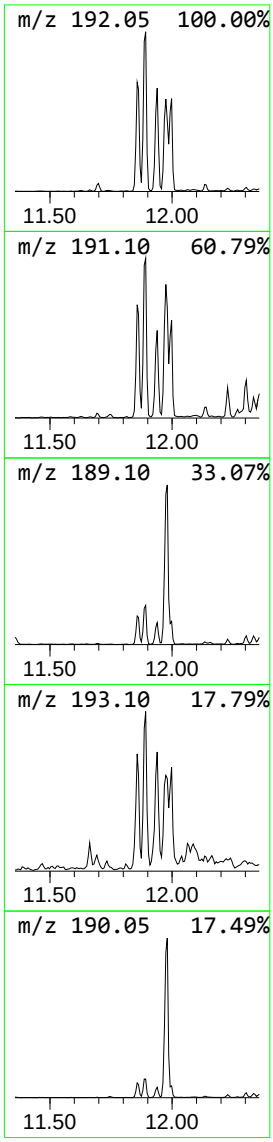
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	2.46 ng	969651	Phenanthrene-d10	11.357

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	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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

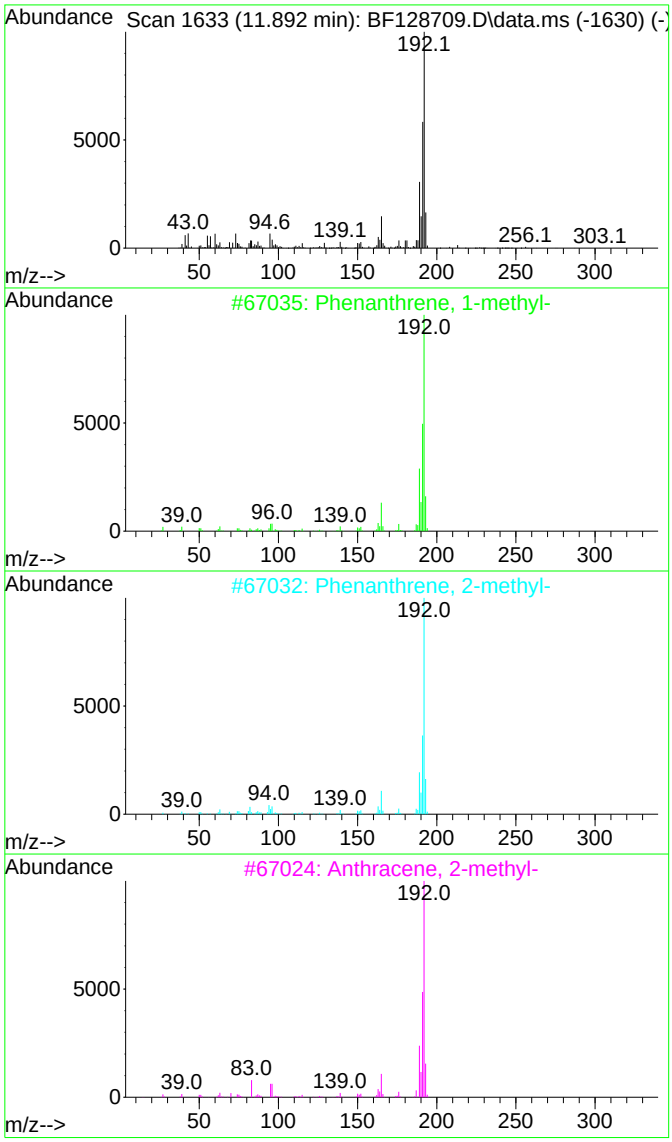
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

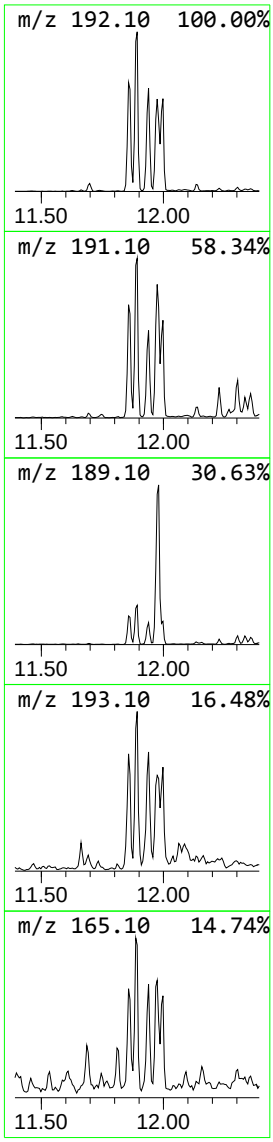
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	3.88 ng	1524760	Phenanthrene-d10	11.357

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	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94





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Data File : BF128709.D
Acq On : 06 Jun 2022 21:25
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Sample : N3197-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-3-060322

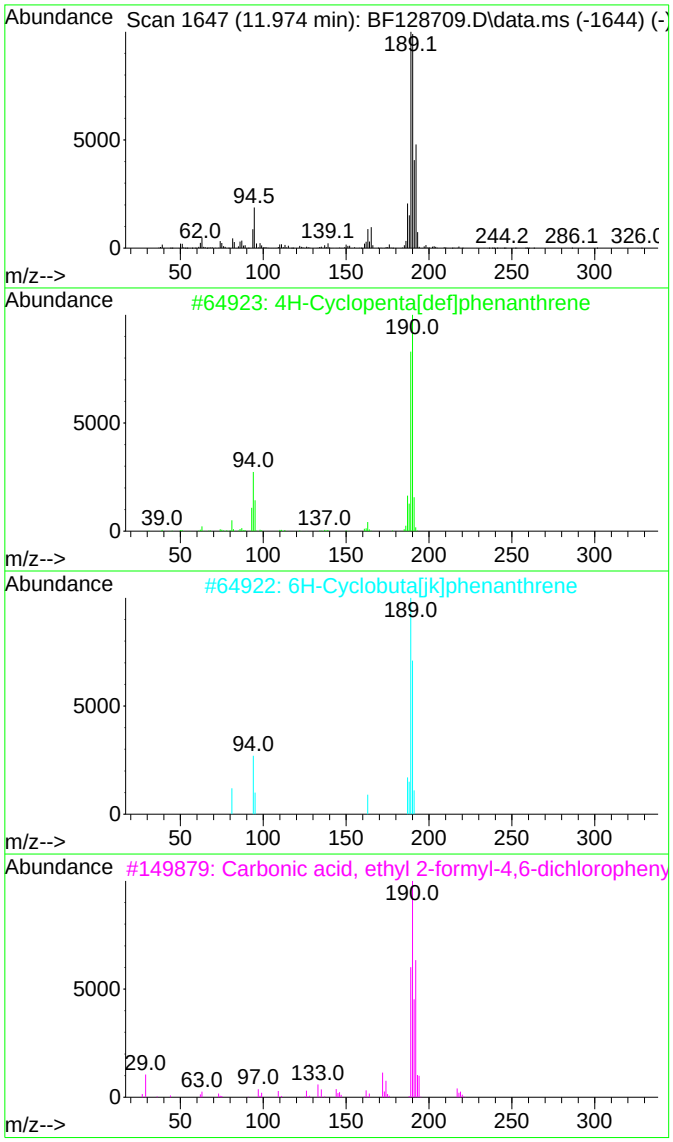
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

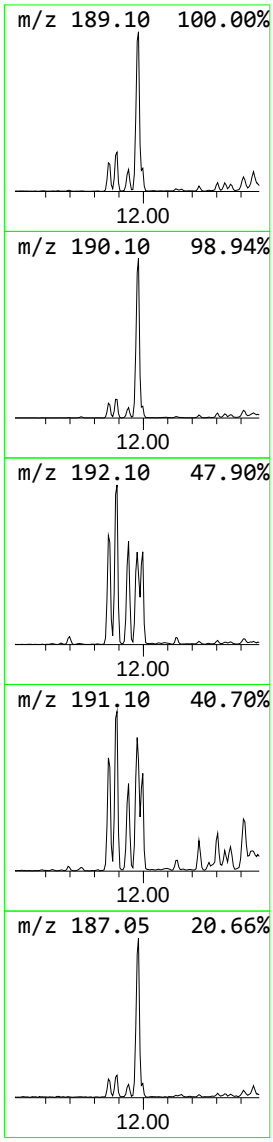
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.974	6.88 ng	2708150	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	43
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38





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Acq On : 06 Jun 2022 21:25
Operator : CG\JU
Sample : N3197-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-3-060322

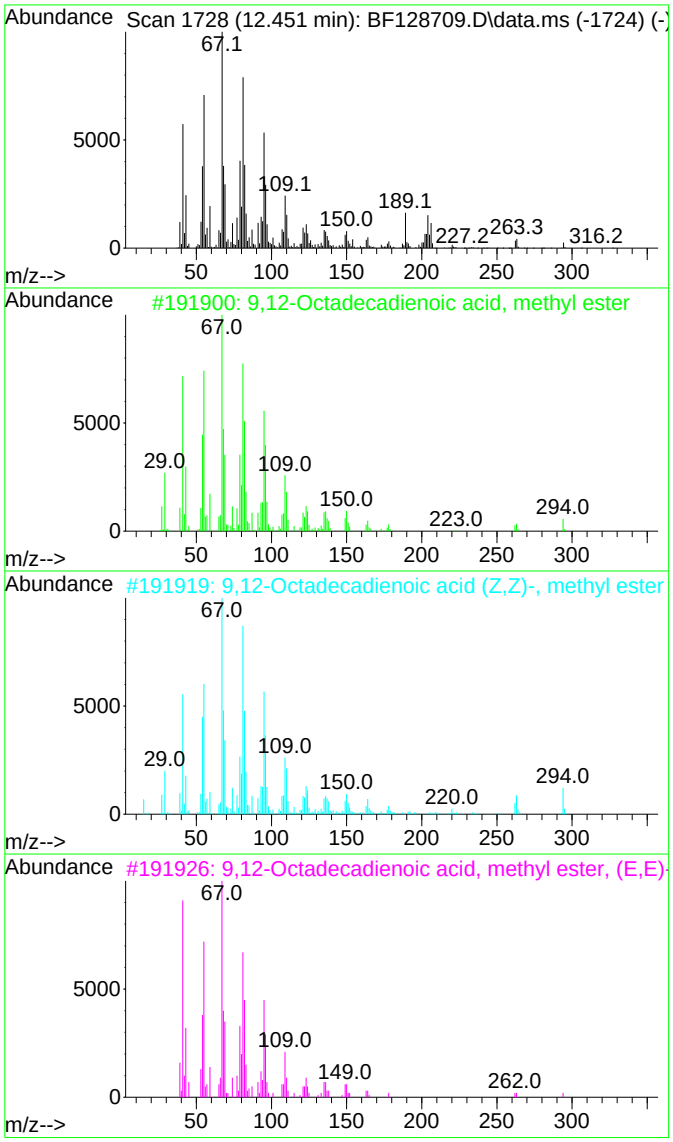
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

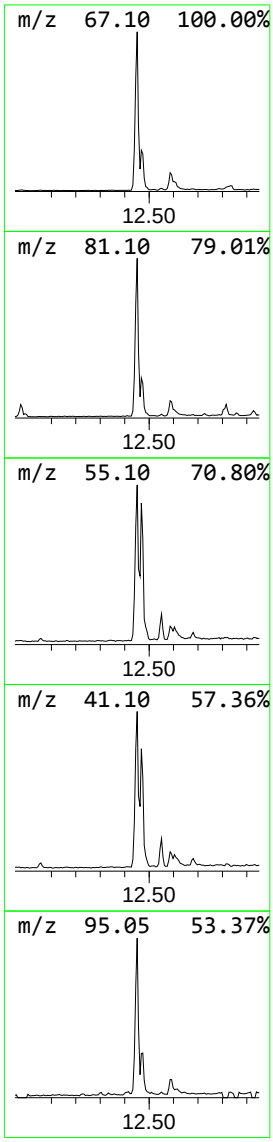
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 9,12-Octadecadienoic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	9.88 ng	3886230	Phenanthrene-d10	11.357

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





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Sample : N3197-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-3-060322

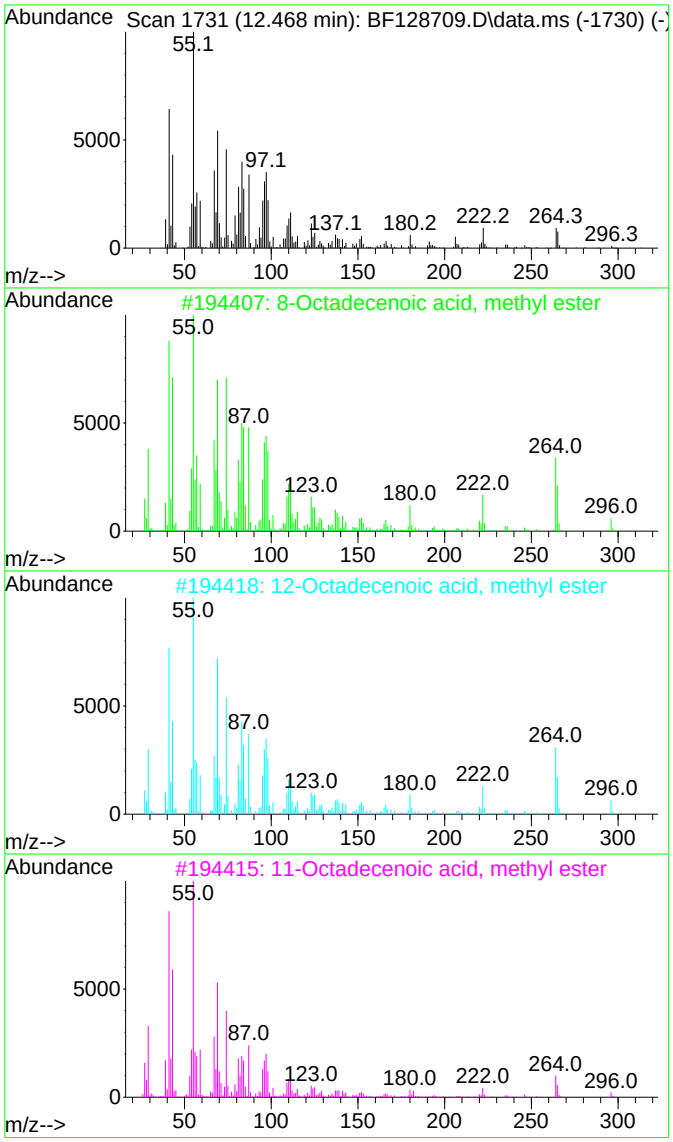
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

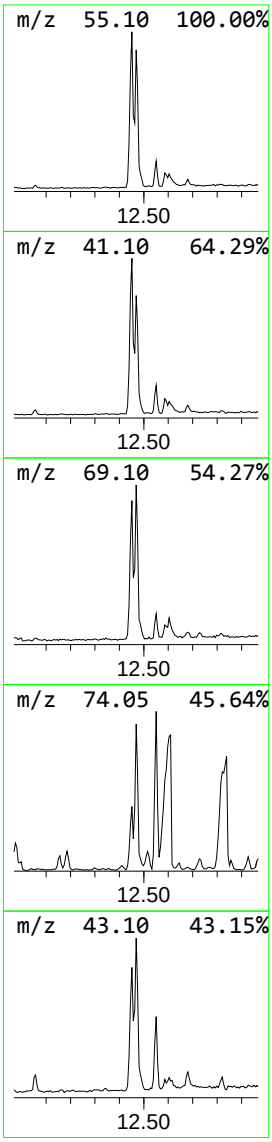
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 8-Octadecenoic acid, methyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	4.71 ng	1854520	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
2	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
3	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
4	8-Octadecenoic acid, methyl este...	296	C19H36O2	026528-50-7	99
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99





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Operator : CG\JU
Sample : N3197-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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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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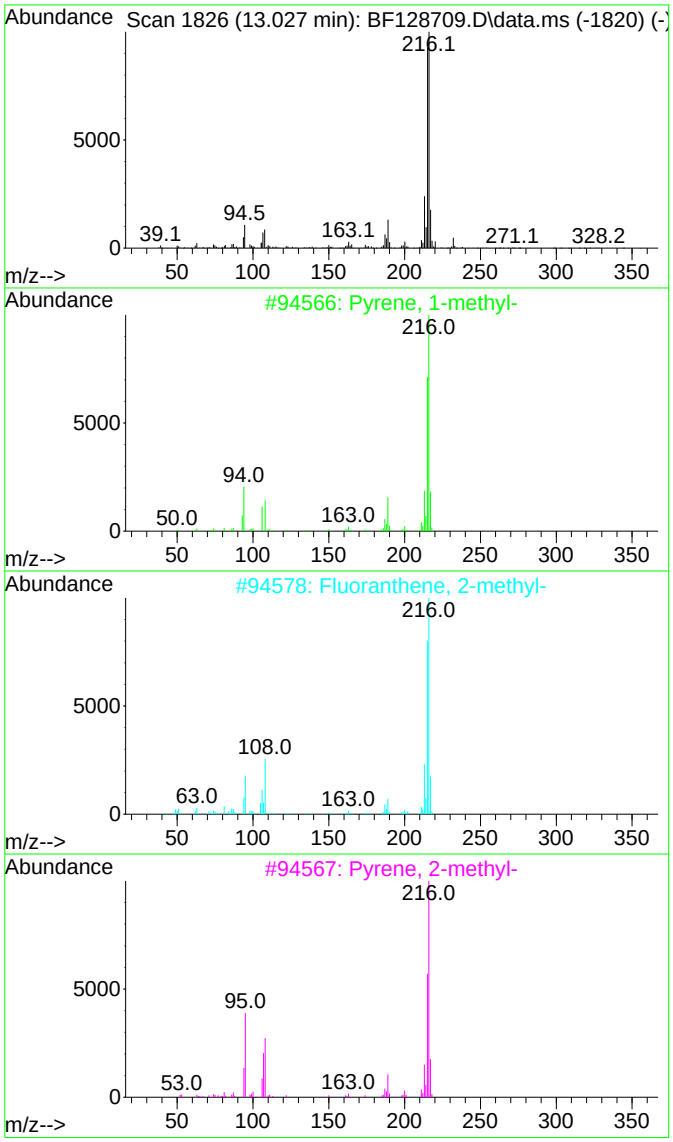
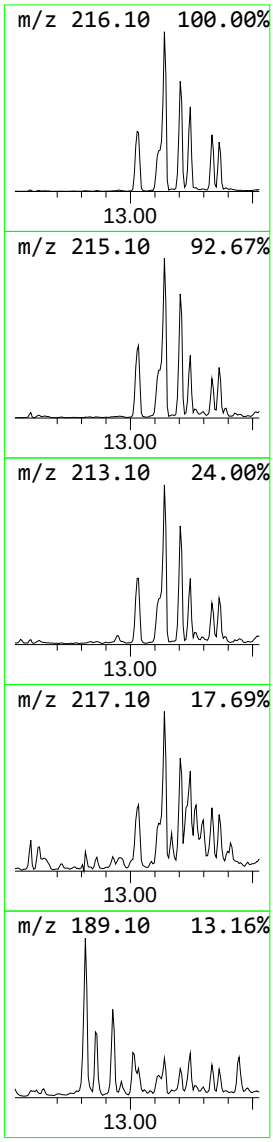
Peak Number 8 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.027	3.70 ng	1535780	Chrysene-d12	14.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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Sample : N3197-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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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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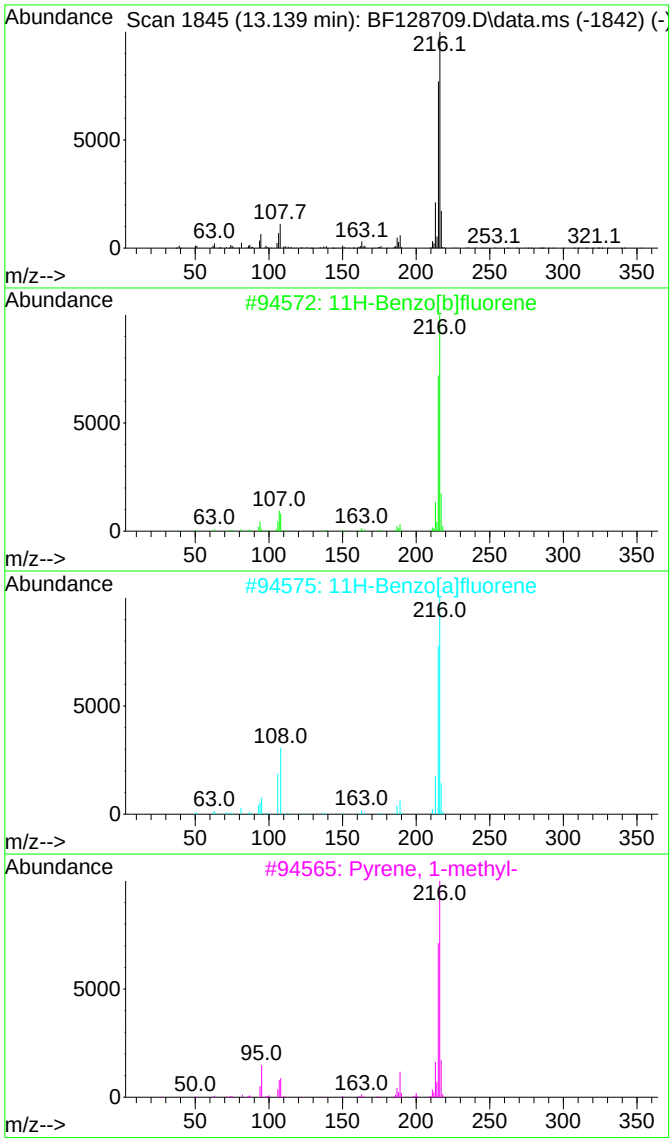
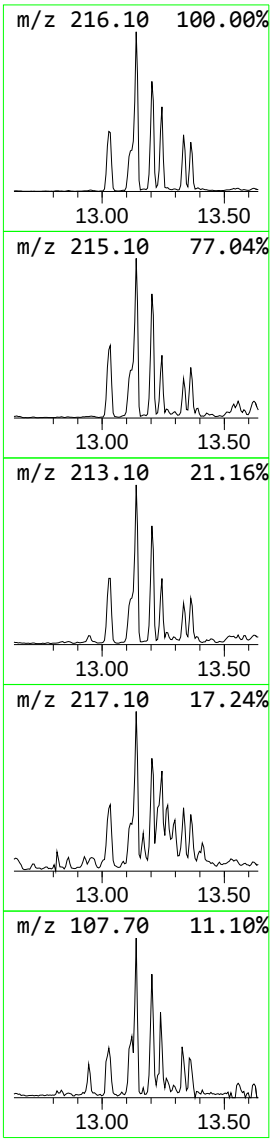
Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.139	4.46 ng	1849360	Chrysene-d12	14.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Operator : CG\JU
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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

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

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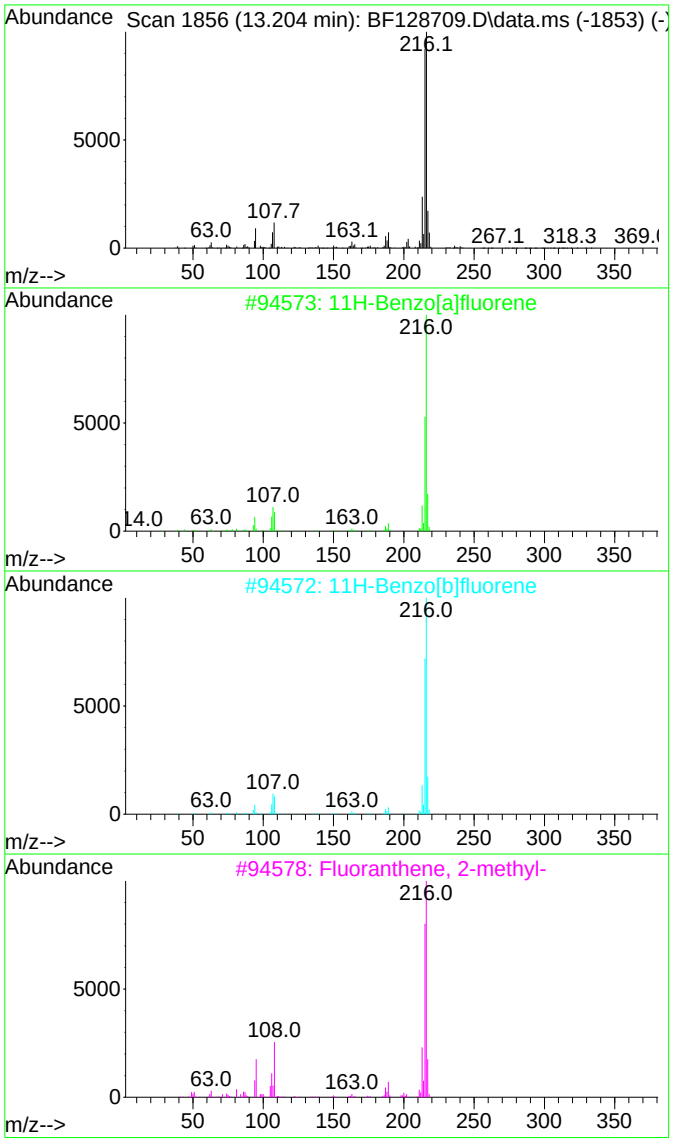
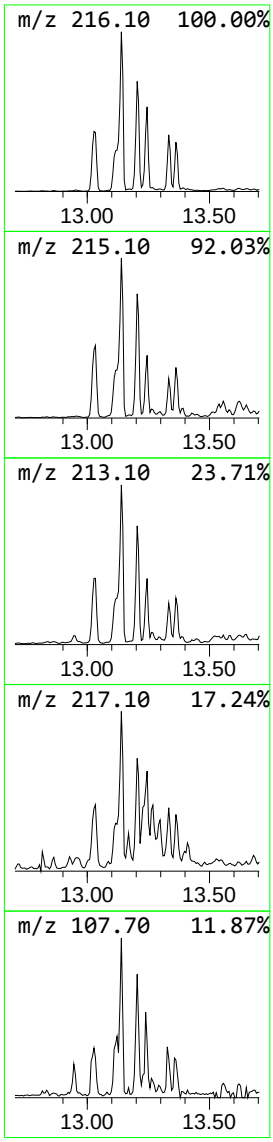
Peak Number 10 11H-Benzo[a]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.204	3.06 ng	1267730	Chrysene-d12	14.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Acq On : 06 Jun 2022 21:25
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Sample : N3197-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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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

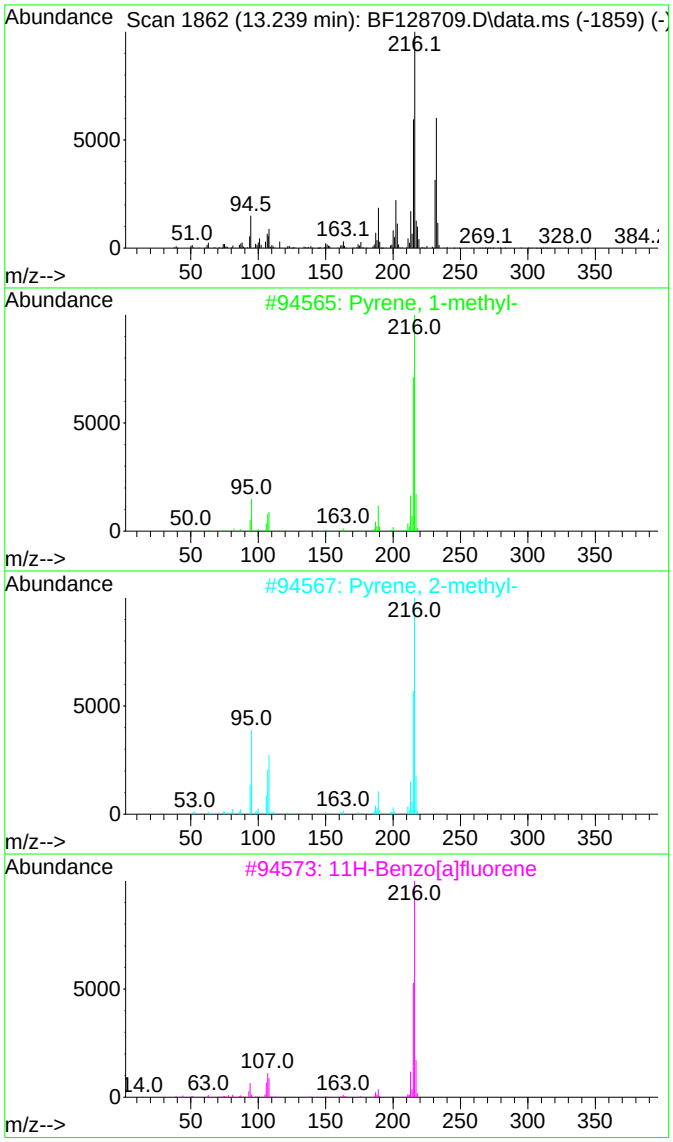
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

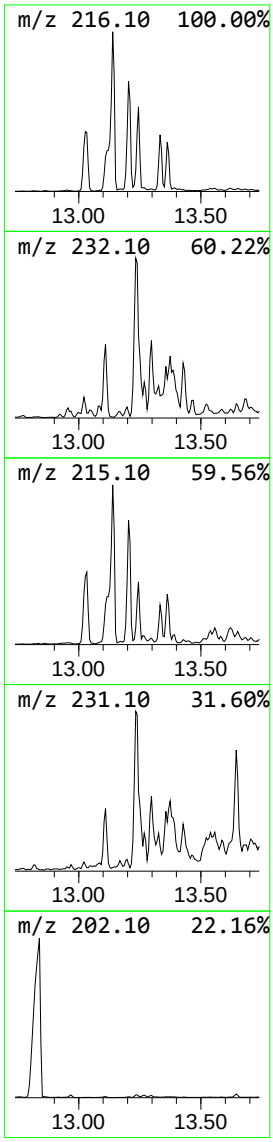
****

Peak Number 11 Pyrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.239	3.02 ng	1251860	Chrysene-d12	14.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	55
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	53
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	50
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	50





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Operator : CG\JU
Sample : N3197-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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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

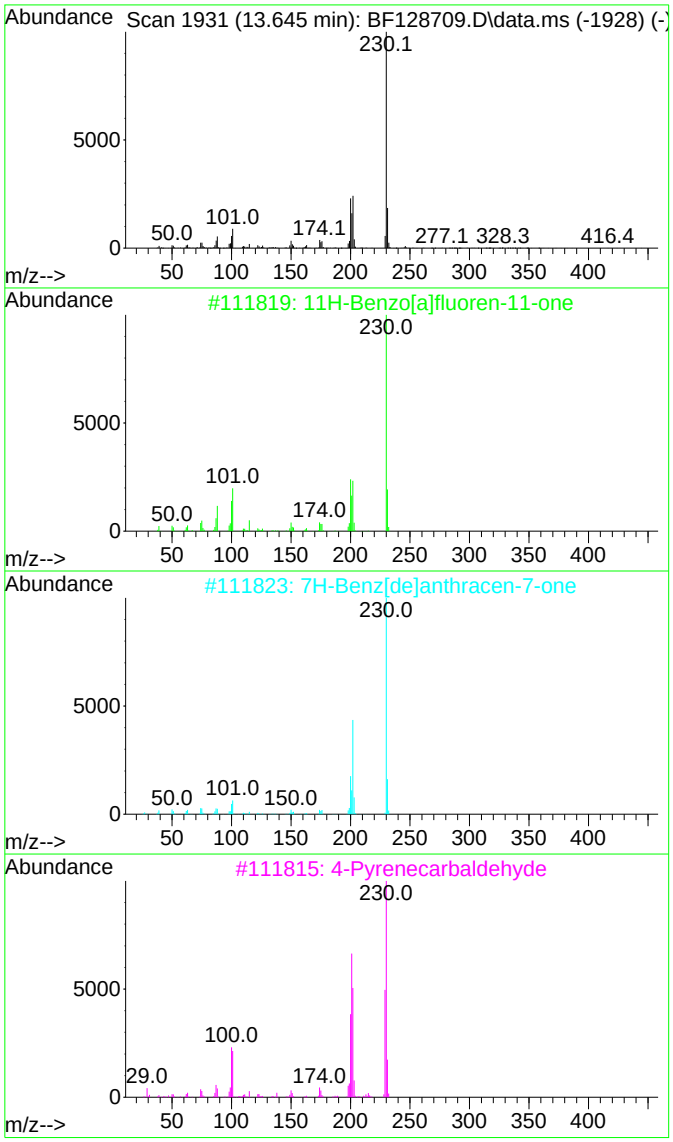
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

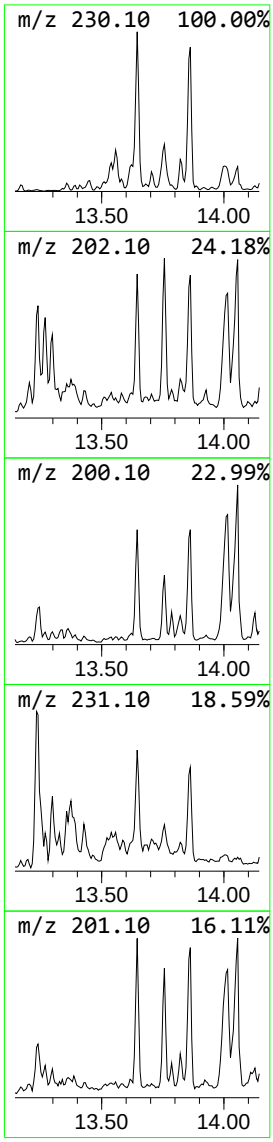
****

Peak Number 12 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.645	2.22 ng	922864	Chrysene-d12	14.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	80
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	72





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Misc :
ALS Vial : 20 Sample Multiplier: 1

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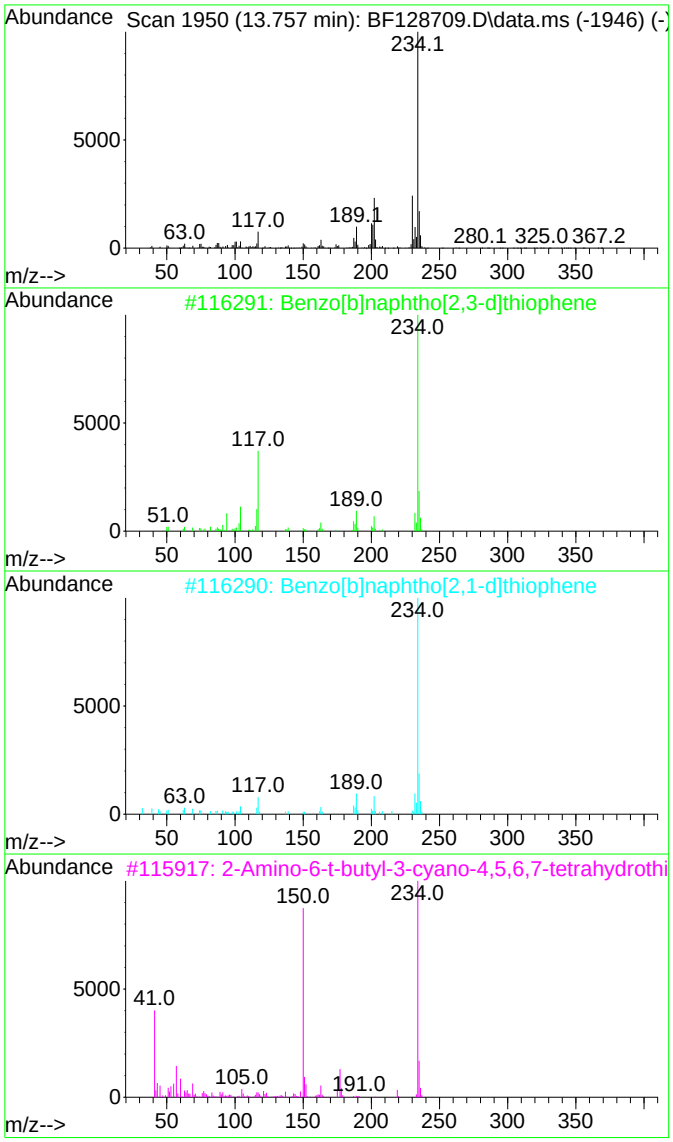
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

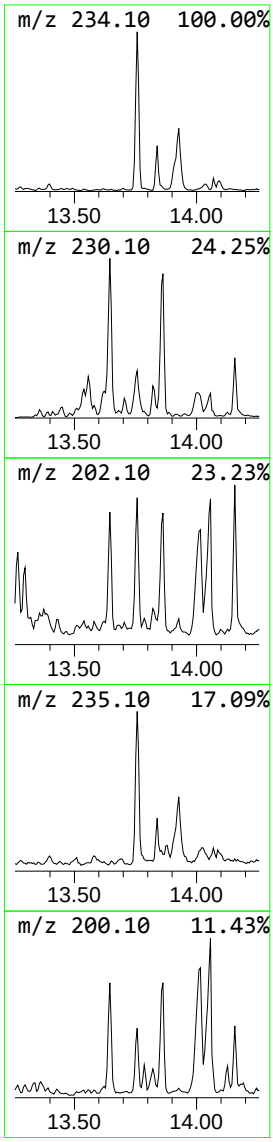
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.757	2.68 ng	1110090	Chrysene-d12	14.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70
3	2-Amino-6-t-butyl-3-cyano-4,5,6,...	234	C13H18N2S	042159-76-2	46
4	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	46
5	pyrido[1',2':1,2]imidazo[4,5-b]q...	234	C14H10N4	1000401-06-3	43





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ALS Vial : 20 Sample Multiplier: 1

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

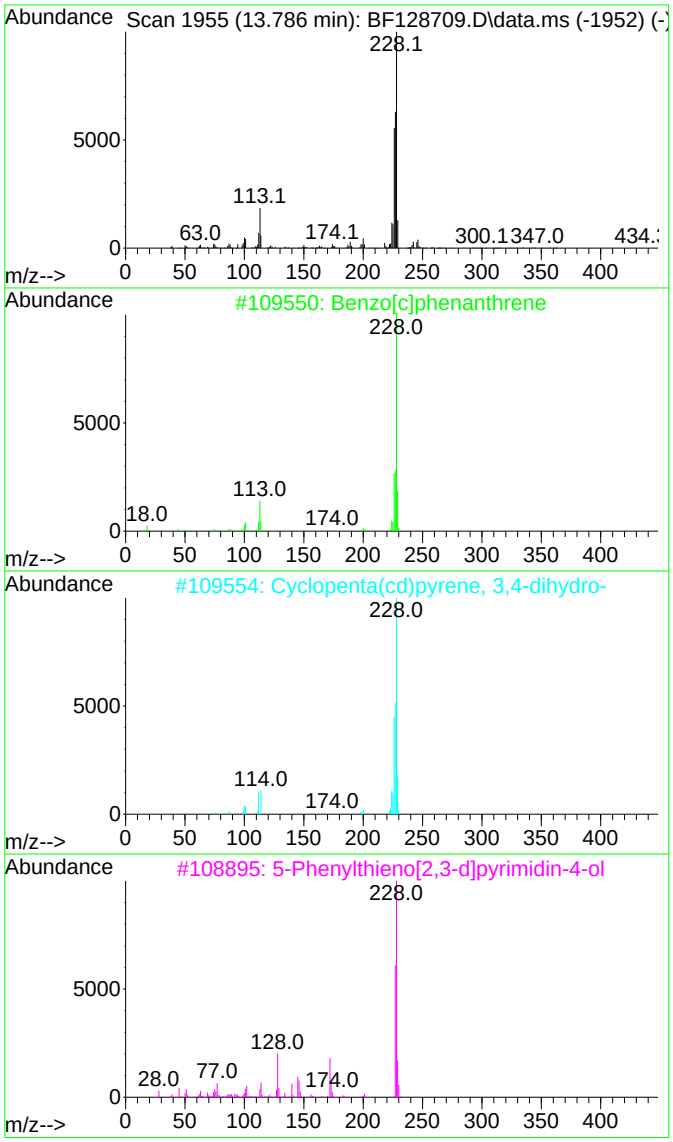
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

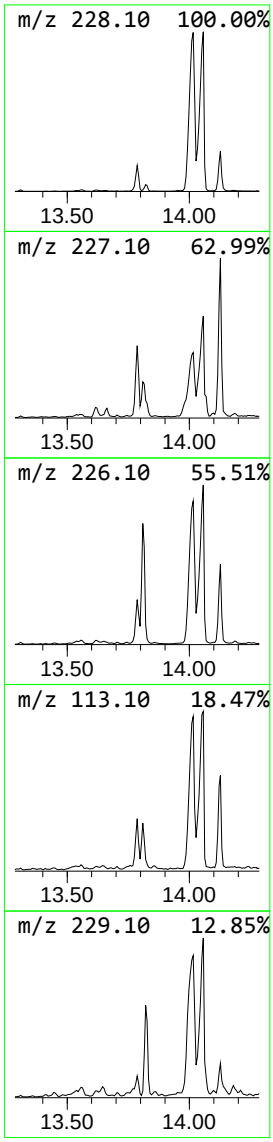
****

Peak Number 14 Benzo[c]phenanthrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.786	2.67 ng	1105830	Chrysene-d12	14.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	64
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	60
3	5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	52
4	4-(2-Thienyl)-1(2H)-phthalazinone	228	C12H8N2OS	137382-45-7	47
5	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	47





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ALS Vial : 20 Sample Multiplier: 1

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

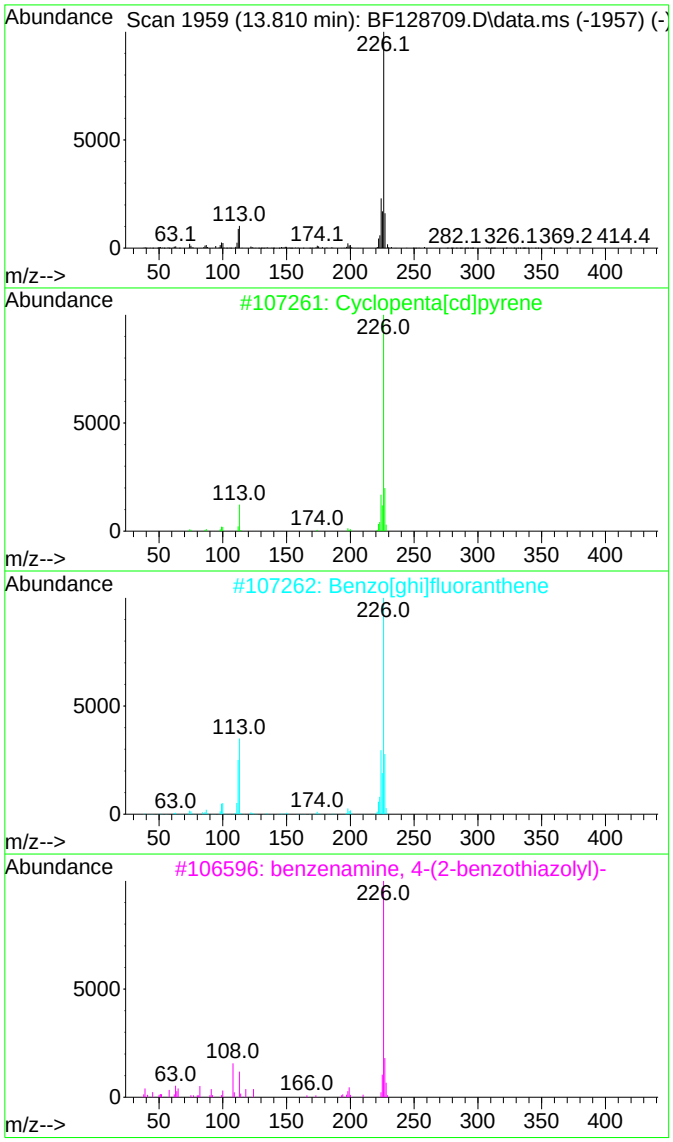
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

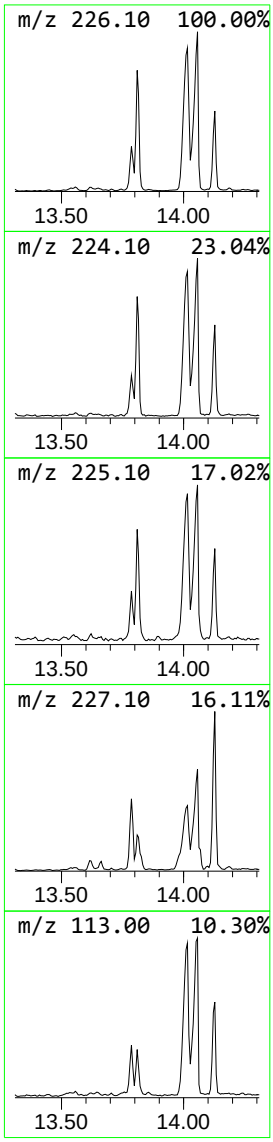
****

Peak Number 15 Cyclopenta[cd]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.810	3.90 ng	1616810	Chrysene-d12	14.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	81
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	68
3	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	64
4	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	58
5	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	53





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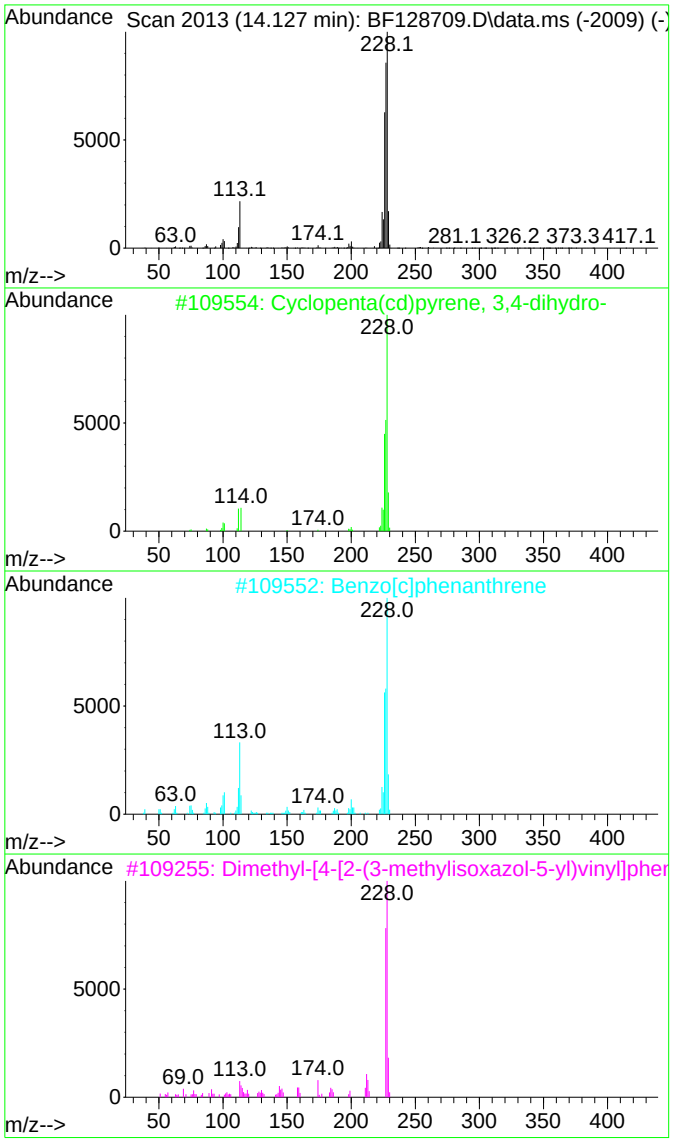
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

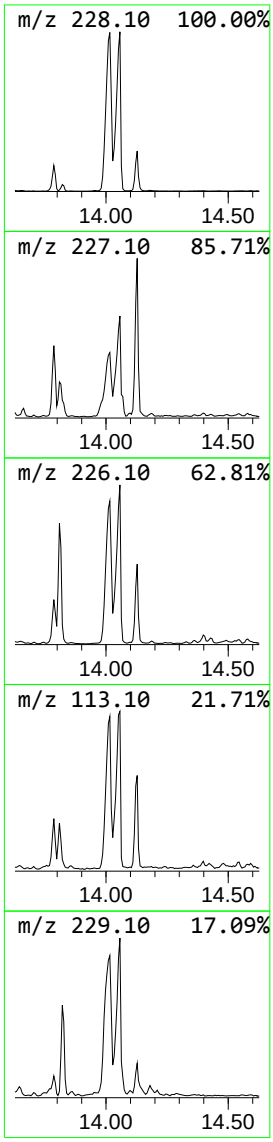
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.127	3.84 ng	1591300	Chrysene-d12	14.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	95
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	58
3	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50
4	Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	50
5	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	50





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Data File : BF128709.D
Acq On : 06 Jun 2022 21:25
Operator : CG\JU
Sample : N3197-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-3-060322

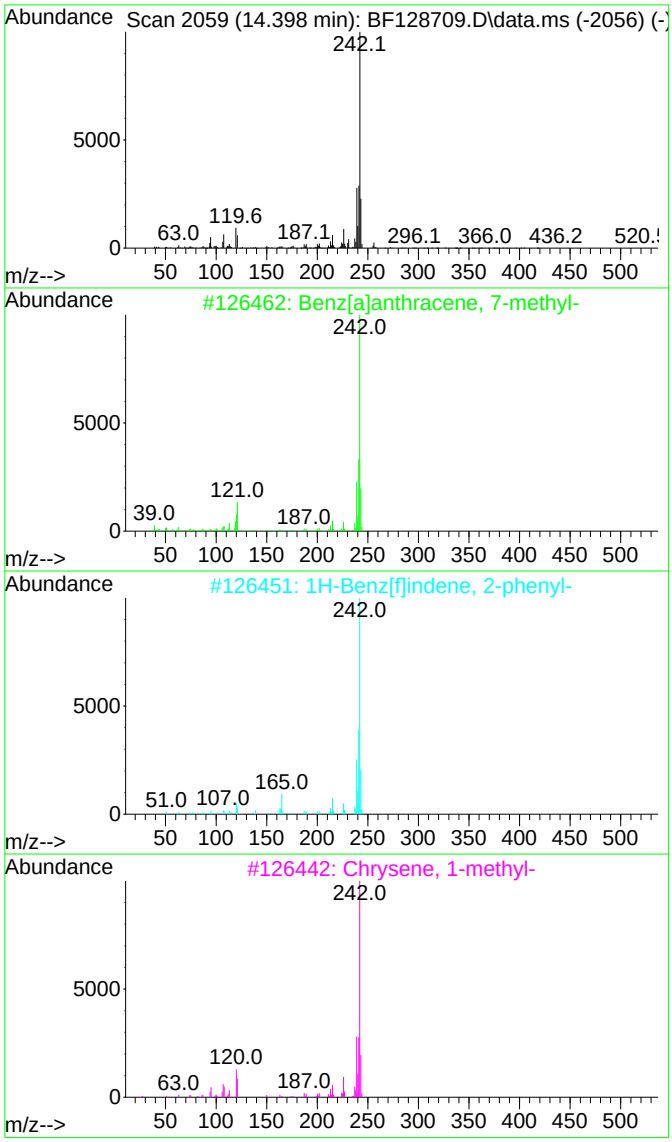
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

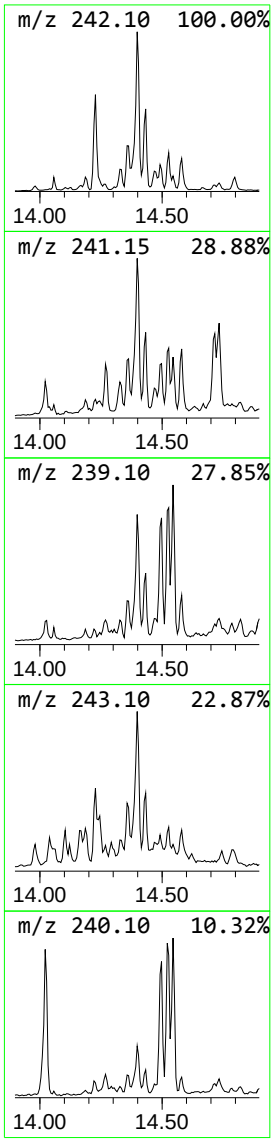
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benz[a]anthracene, 7-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.398	2.20 ng	912984	Chrysene-d12	14.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
2	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	95
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	95
4	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	94
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90





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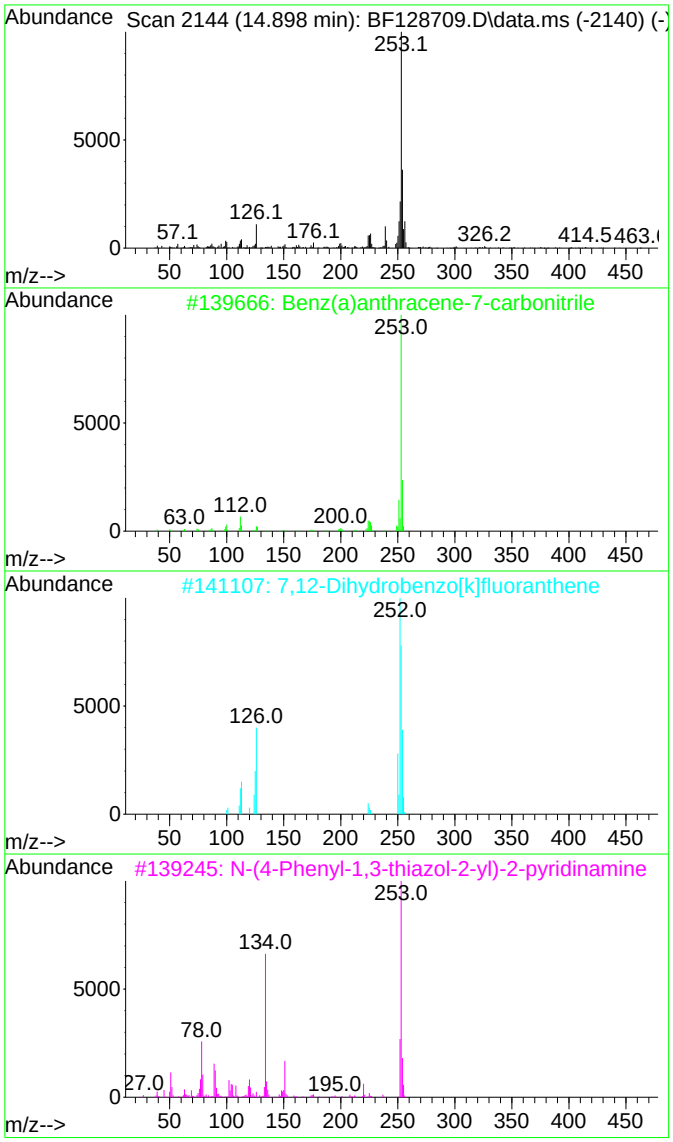
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

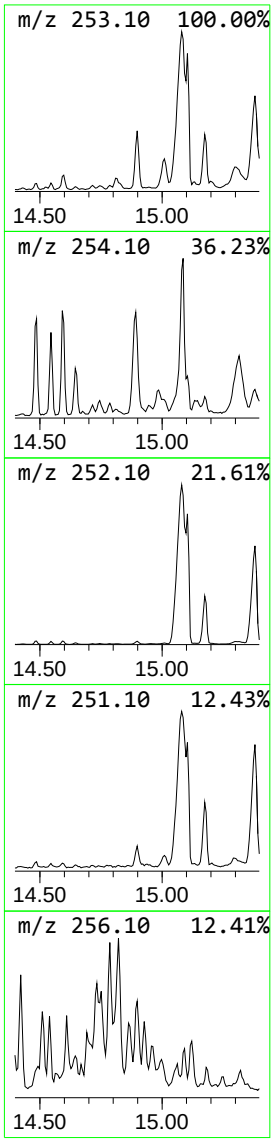
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benz(a)anthracene-7-carboni... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.898	7.00 ng	526586	Perylene-d12	15.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	58
2	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	52
3	N-(4-Phenyl-1,3-thiazol-2-yl)-2-...	253	C14H11N3S	1000485-04-5	47
4	Carbamate, N-(2-naphthyl)-, 3-pe...	253	C16H15NO2	1000197-96-0	43
5	1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	40





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Data File : BF128709.D
Acq On : 06 Jun 2022 21:25
Operator : CG\JU
Sample : N3197-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-3-060322

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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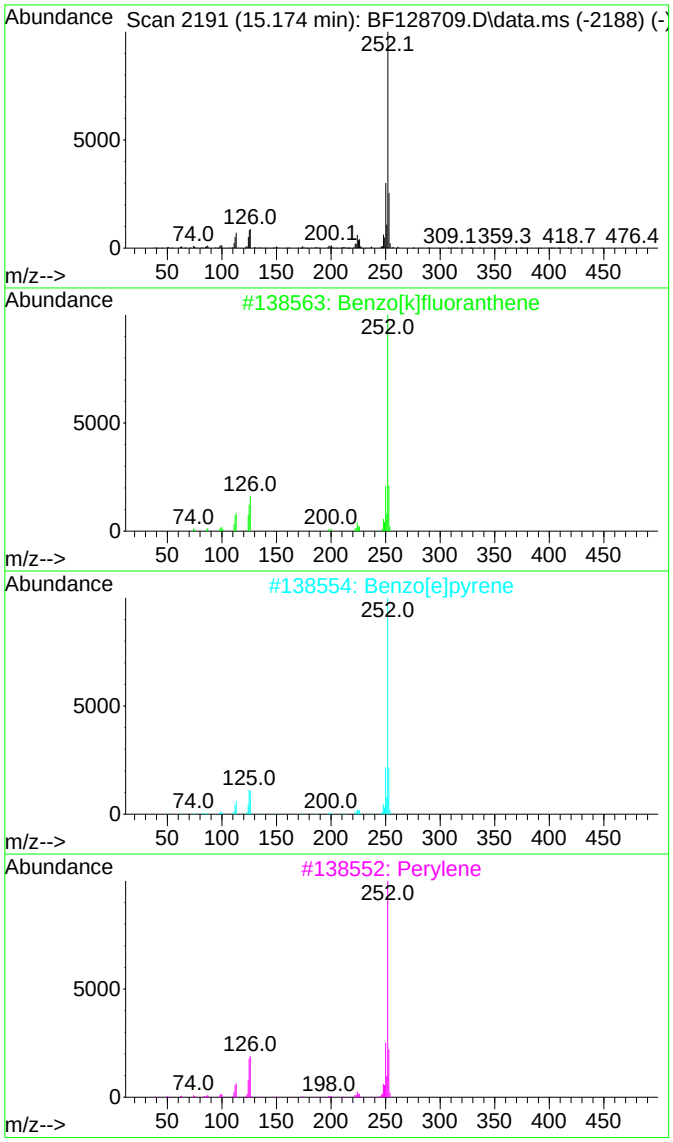
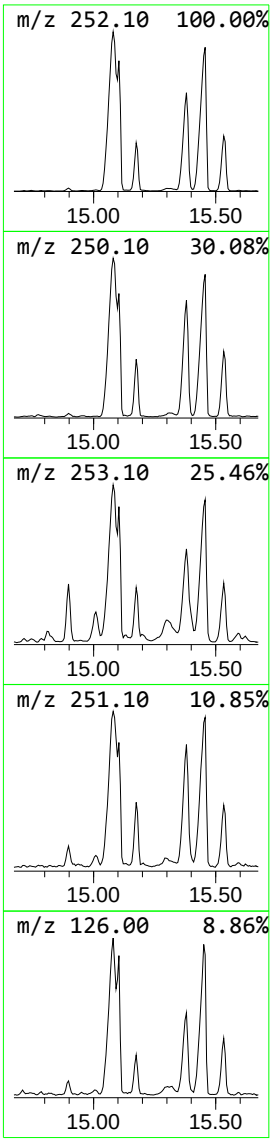
Peak Number 19 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.174	11.32 ng	851900	Perylene-d12	15.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Perylene	252	C20H12	000198-55-0	91
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-3-060322

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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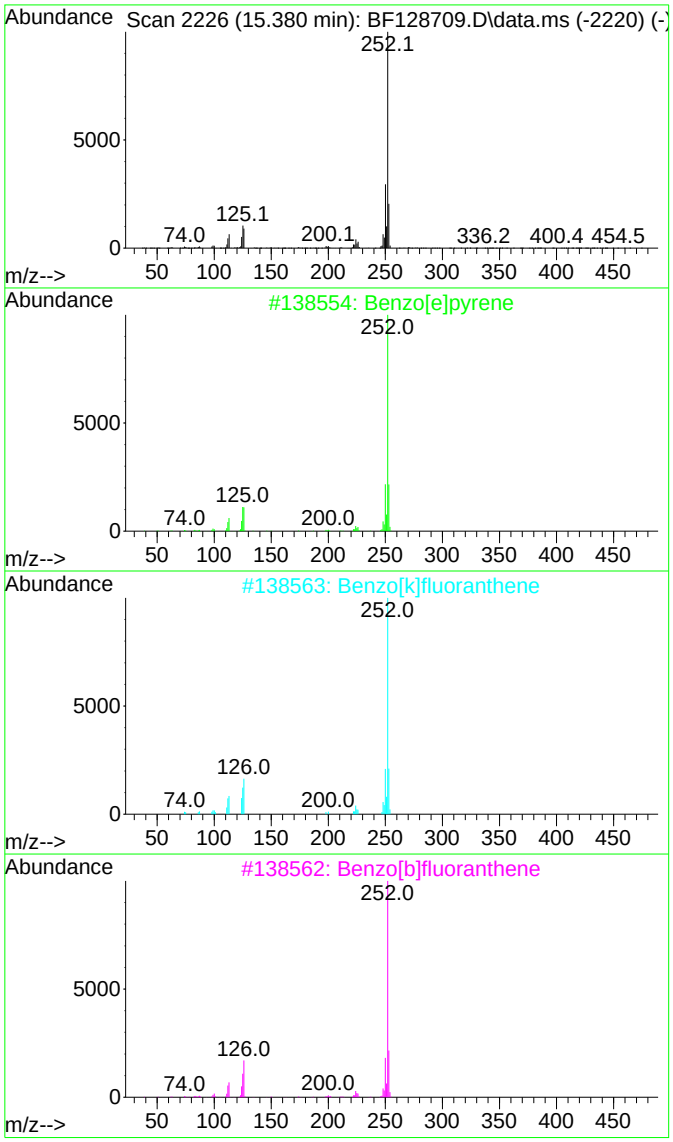
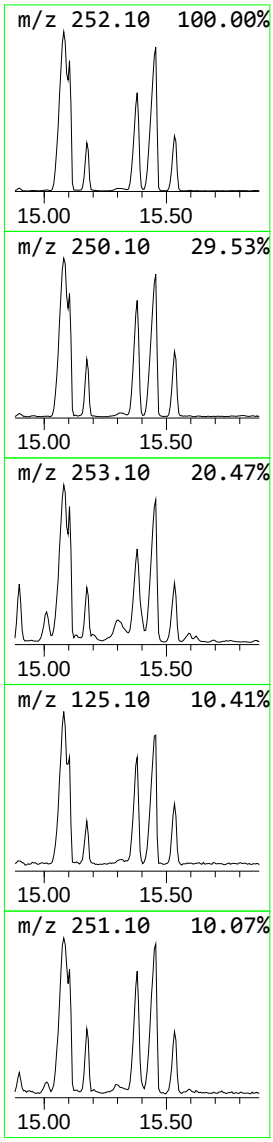
Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.380	36.72 ng	2762580	Perylene-d12	15.498

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





Tentatively Identified Compound (LSC) summary

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Data File : BF128709.D
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-3-060322

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, 1,...	9.522	8.9	ng	174769	3	9.863	393509	20.0
9H-Fluoren-9-ol	10.569	14.3	ng	281102	3	9.863	393509	20.0
Phenanthrene, 1...	11.857	2.5	ng	969651	4	11.357	7868930	20.0
Phenanthrene, 2...	11.892	3.9	ng	1524760	4	11.357	7868930	20.0
4H-Cyclopenta[d...	11.974	6.9	ng	2708150	4	11.357	7868930	20.0
9,12-Octadecadi...	12.451	9.9	ng	3886230	4	11.357	7868930	20.0
8-Octadecenoic ...	12.469	4.7	ng	1854520	4	11.357	7868930	20.0
Pyrene, 1-methyl-	13.027	3.7	ng	1535780	5	14.021	8296500	20.0
11H-Benzo[b]flu...	13.139	4.5	ng	1849360	5	14.021	8296500	20.0
11H-Benzo[a]flu...	13.204	3.1	ng	1267730	5	14.021	8296500	20.0
Pyrene, 2-methyl-	13.239	3.0	ng	1251860	5	14.021	8296500	20.0
11H-Benzo[a]flu...	13.645	2.2	ng	922864	5	14.021	8296500	20.0
Benzo[b]naphtho...	13.757	2.7	ng	1110090	5	14.021	8296500	20.0
Benzo[c]phenant...	13.786	2.7	ng	1105830	5	14.021	8296500	20.0
Cyclopenta[cd]p...	13.810	3.9	ng	1616810	5	14.021	8296500	20.0
Cyclopenta(cd)p...	14.127	3.8	ng	1591300	5	14.021	8296500	20.0
Benz[a]anthrace...	14.398	2.2	ng	912984	5	14.021	8296500	20.0
Benz(a)anthrace...	14.898	7.0	ng	526586	6	15.498	1504710	20.0
Benzo[e]pyrene	15.174	11.3	ng	851900	6	15.498	1504710	20.0
Perylene	15.380	36.7	ng	2762580	6	15.498	1504710	20.0