LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
Data File : BF128817.D
Acq On : 14 Jun 2022 23:43
Operator : CG\JU
Sample : N3337-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-061322

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: BF128817.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.416	529	532	545	rBV	1436336	1337411	4.57%	0.607%
2	6.439	701	706	715	rBV	1423719	1216646	4.16%	0.552%
3	6.781	761	764	768	rVB	406797	330920	1.13%	0.150%
4	7.345	857	860	863	rBV	848197	711866	2.43%	0.323%
5	8.069	977	983	984	rBV	437418	396293	1.35%	0.180%
6	8.092	984	987	990	rVB	1983929	1524203	5.21%	0.691%
7	8.781	1101	1104	1107	rBV	824382	596990	2.04%	0.271%
8	8.880	1116	1121	1124	rVB	712022	535637	1.83%	0.243%
9	9.145	1162	1166	1169	rVB	1703378	1311078	4.48%	0.595%
10	9.410	1206	1211	1215	rBV	388253	511417	1.75%	0.232%
11	9.480	1219	1223	1226	rBV	540351	543308	1.86%	0.246%
12	9.598	1240	1243	1248	rVB	303231	313288	1.07%	0.142%
13	9.686	1255	1258	1261	rVB	517023	440874	1.51%	0.200%
14	9.822	1279	1281	1284	rVV	447192	394638	1.35%	0.179%
15	9.863	1284	1288	1291	rVV	3054001	2544670	8.70%	1.154%
16	10.033	1312	1317	1320	rVV	2146988	1870707	6.40%	0.849%
17	10.380	1371	1376	1379	rBV	3321224	3005927	10.28%	1.364%
18	10.463	1388	1390	1392	rVB2	429230	338331	1.16%	0.153%
19	10.533	1399	1402	1405	rVB	696246	639135	2.19%	0.290%
20	10.616	1410	1416	1420	rBV2	1503769	1733473	5.93%	0.786%
21	10.739	1431	1437	1442	rVB5	300510	429149	1.47%	0.195%
22	10.922	1462	1468	1471	rBV2	688008	811362	2.77%	0.368%
23	10.951	1471	1473	1476	rVV2	366522	344236	1.18%	0.156%
24	11.004	1479	1482	1485	rVB2	340526	335715	1.15%	0.152%
25	11.051	1485	1490	1492	rBV2	373631	528309	1.81%	0.240%
26	11.074	1492	1494	1496	rVV	429889	392124	1.34%	0.178%
27	11.169	1506	1510	1515	rVV4	411678	740124	2.53%	0.336%
28	11.216	1515	1518	1526	rVB	1199888	1187789	4.06%	0.539%
29	11.374	1532	1545	1547	rBV	8908461	16040918	54.85%	7.276%
30	11.416	1547	1552	1554	rVV	5587294	5689452	19.45%	2.581%
31	11.474	1560	1562	1568	rVV5	184904	298289	1.02%	0.135%
32	11.557	1571	1576	1582	rVV	1186880	1441146	4.93%	0.654%
33	11.610	1582	1585	1587	rVV2	519378	493507	1.69%	0.224%
34	11.651	1590	1592	1597	rVV4	293828	435854	1.49%	0.198%
35	11.721	1599	1604	1609	rVB	7051294	6921356	23.67%	3.140%
36	11.821	1617	1621	1624	rBV	1563384	1765279	6.04%	0.801%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
Data File : BF128817.D
Acq On : 14 Jun 2022 23:43
Operator : CG\JU
Sample : N3337-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-061322

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	11.857	1624	1627	1630	rVV	2682249	2315003	7.92%	1.050%
38	11.904	1631	1635	1638	rVV	1166944	1187773	4.06%	0.539%
39	11.945	1638	1642	1648	rVB2	3909690	5309663	18.15%	2.409%
40	12.010	1649	1653	1655	rBV2	258230	331189	1.13%	0.150%
41	12.121	1668	1672	1674	rVV	1549963	1457435	4.98%	0.661%
42	12.151	1674	1677	1681	rVV	462234	439393	1.50%	0.199%
43	12.298	1699	1702	1704	rBV	391258	338366	1.16%	0.153%
44	12.374	1711	1715	1717	rBV	792939	985692	3.37%	0.447%
45	12.439	1717	1726	1728	rVV2	11303946	29246902	100.00%	13.267%
46	12.463	1728	1730	1733	rVV2	11082128	10380105	35.49%	4.709%
47	12.492	1733	1735	1737	rVV2	472566	391625	1.34%	0.178%
48	12.527	1737	1741	1742	rVV	3652853	3231686	11.05%	1.466%
49	12.586	1742	1751	1753	rVB	8635283	18433081	63.03%	8.362%
50	12.704	1768	1771	1776	rBV2	512580	895677	3.06%	0.406%
51	12.804	1777	1788	1790	rVV2	7436703	16744399	57.25%	7.595%
52	12.839	1793	1794	1798	rVB	1231302	674152	2.31%	0.306%
53	12.916	1801	1807	1810	rBV2	1635667	2616234	8.95%	1.187%
54	12.945	1810	1812	1815	rVB	589186	495993	1.70%	0.225%
55	13.004	1816	1822	1825	rBV2	1238983	2147761	7.34%	0.974%
56	13.086	1832	1836	1837	rBV3	980149	1117089	3.82%	0.507%
57	13.116	1837	1841	1843	rVB	3012674	3149097	10.77%	1.428%
58	13.180	1848	1852	1854	rVV	2874673	2753855	9.42%	1.249%
59	13.216	1854	1858	1860	rVV2	1556223	2081039	7.12%	0.944%
60	13.263	1864	1866	1869	rVB	367386	356715	1.22%	0.162%
61	13.304	1870	1873	1875	rBV	854782	756590	2.59%	0.343%
62	13.333	1875	1878	1884	rVB2	958001	1149375	3.93%	0.521%
63	13.480	1900	1903	1905	rBV2	344272	381540	1.30%	0.173%
64	13.504	1905	1907	1909	rVV	297273	314899	1.08%	0.143%
65	13.527	1909	1911	1913	rVB	380057	307936	1.05%	0.140%
66	13.586	1918	1921	1924	rBV2	420912	592427	2.03%	0.269%
67	13.615	1924	1926	1929	rVB2	568213	548124	1.87%	0.249%
68	13.727	1941	1945	1947	rBV	1133154	1265511	4.33%	0.574%
69	13.751	1947	1949	1951	rVV	1318372	1092116	3.73%	0.495%
70	13.780	1951	1954	1960	rVB3	1162591	1448887	4.95%	0.657%
71	13.986	1981	1989	1991	rBV2	4722166	9329744	31.90%	4.232%
72	14.027	1991	1996	2000	rVB	5262897	7351999	25.14%	3.335%
73	14.098	2001	2008	2011	rVV2	2014774	2448189	8.37%	1.111%
74	14.127	2011	2013	2016	rVV3	626737	673497	2.30%	0.306%
75	14.174	2019	2021	2023	rVV	489236	382585	1.31%	0.174%
76	14.210	2023	2027	2030	rVB2	609359	834853	2.85%	0.379%

LSC Area Percent Report

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Acq On : 14 Jun 2022 23:43
Operator : CG\JU
Sample : N3337-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-061322

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	14.327	2044	2047	2049	rBV	621366	625372	2.14%	0.284%
78	14.368	2050	2054	2056	rVV	1320309	1434107	4.90%	0.651%
79	14.398	2056	2059	2062	rVB2	614084	560658	1.92%	0.254%
80	14.462	2068	2070	2072	rVB	472240	341109	1.17%	0.155%
81	14.492	2072	2075	2077	rVV	658108	653280	2.23%	0.296%
82	14.515	2077	2079	2082	rVV	910401	775384	2.65%	0.352%
83	14.557	2082	2086	2089	rVB2	400205	556000	1.90%	0.252%
84	14.680	2104	2107	2108	rBV	308760	318661	1.09%	0.145%
85	14.862	2135	2138	2142	rVB2	417628	476422	1.63%	0.216%
86	15.051	2160	2170	2172	rBV	3268945	8280696	28.31%	3.756%
87	15.139	2181	2185	2188	rBV	1232556	1243358	4.25%	0.564%
88	15.339	2213	2219	2224	rVB	1944436	3204111	10.96%	1.453%
89	15.415	2224	2232	2235	rBV	3056687	5541078	18.95%	2.514%
90	15.492	2241	2245	2250	rVB2	1364271	2008748	6.87%	0.911%
91	16.009	2330	2333	2337	rVB	283873	323178	1.10%	0.147%

Sum of corrected areas: 220451779

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
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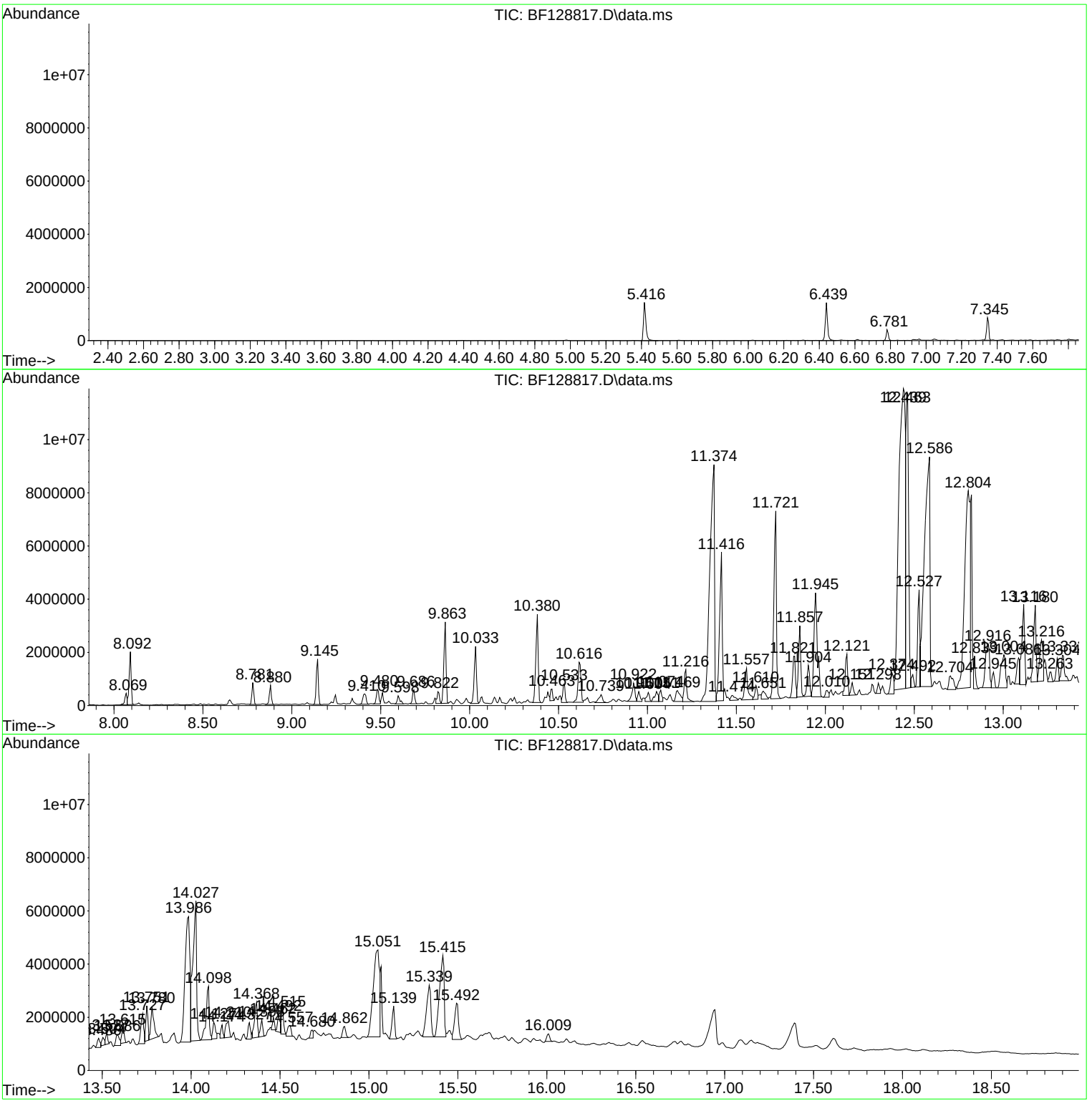
Operator : CG\JU
Sample : N3337-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-061322

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\BF061422\
Data File : BF128817.D
Acq On : 14 Jun 2022 23:43
Operator : CG\JU
Sample : N3337-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-061322

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

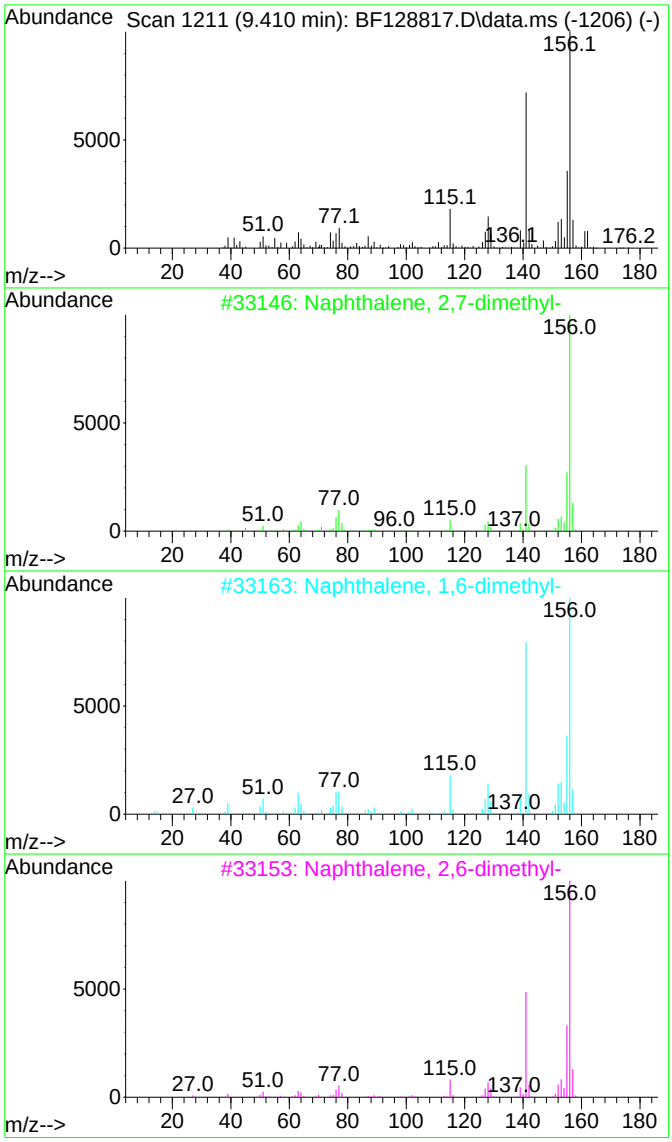
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

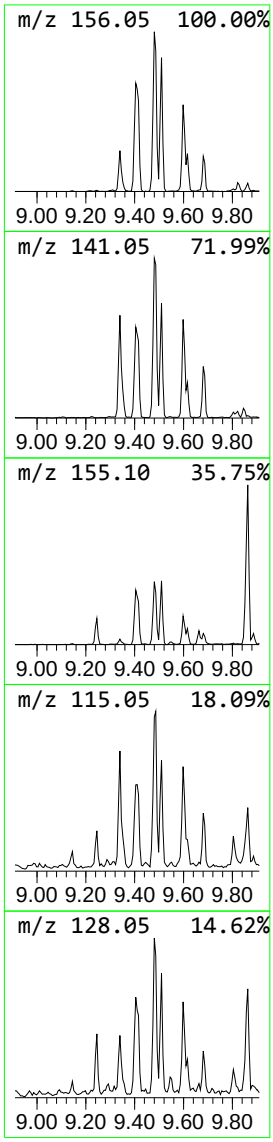
****

Peak Number 1 Naphthalene, 2,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.410	25.92 ng	511417	Acenaphthene-d10	9.822

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, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
Data File : BF128817.D
Acq On : 14 Jun 2022 23:43
Operator : CG\JU
Sample : N3337-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-061322

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

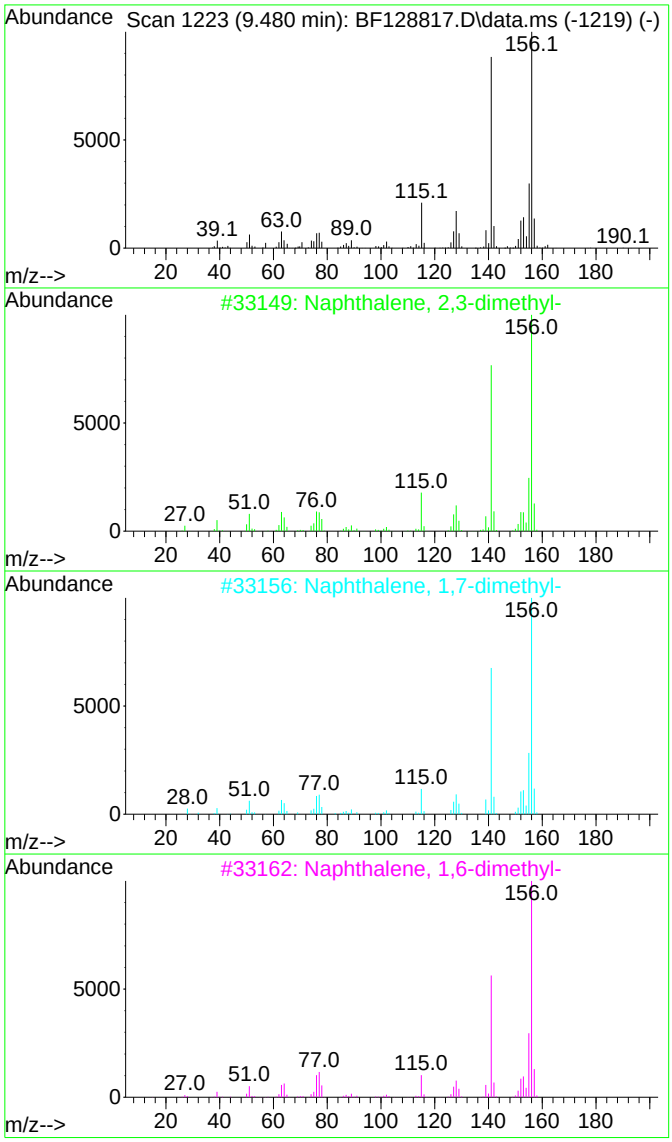
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

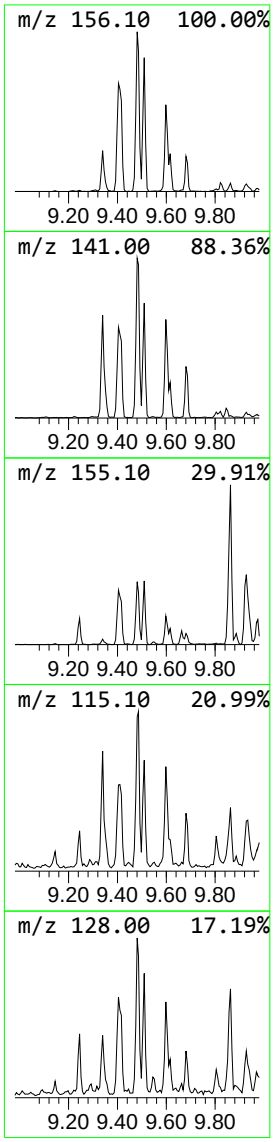
****

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.480	27.53 ng	543308	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
Data File : BF128817.D
Acq On : 14 Jun 2022 23:43
Operator : CG\JU
Sample : N3337-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-061322

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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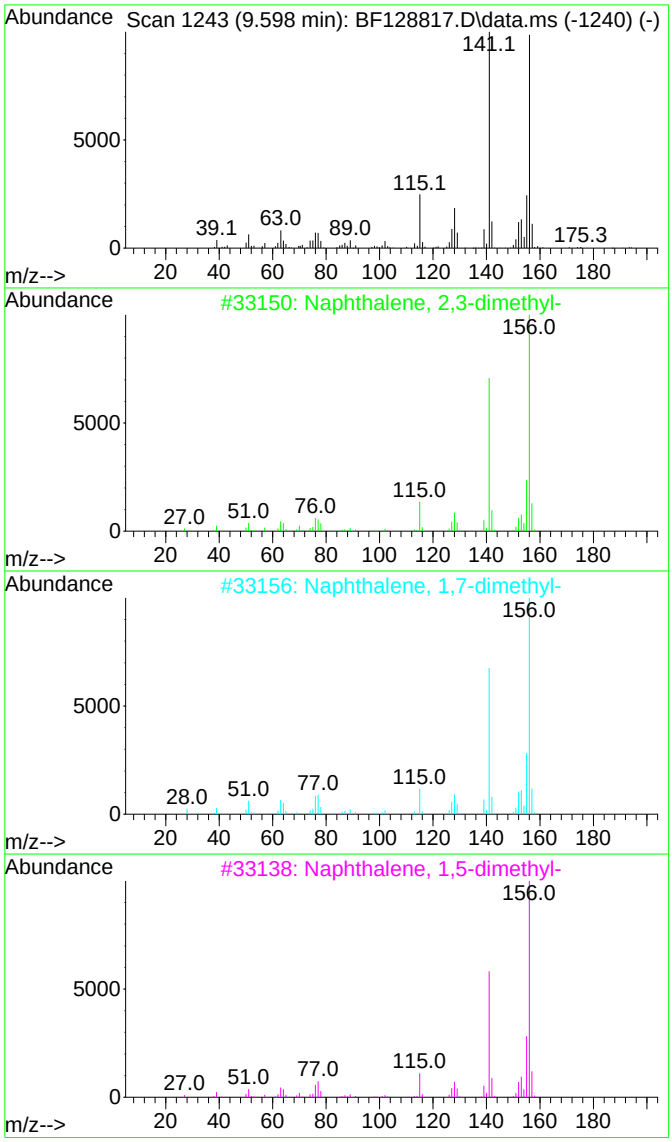
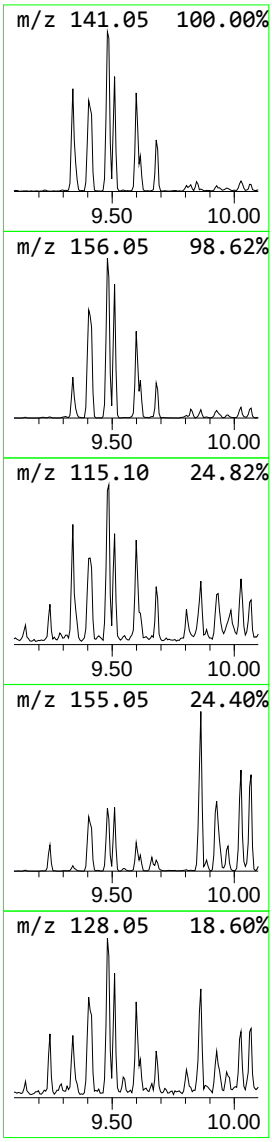
Peak Number 3 Naphthalene, 1,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.598	15.88 ng	313288	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
Data File : BF128817.D
Acq On : 14 Jun 2022 23:43
Operator : CG\JU
Sample : N3337-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-061322

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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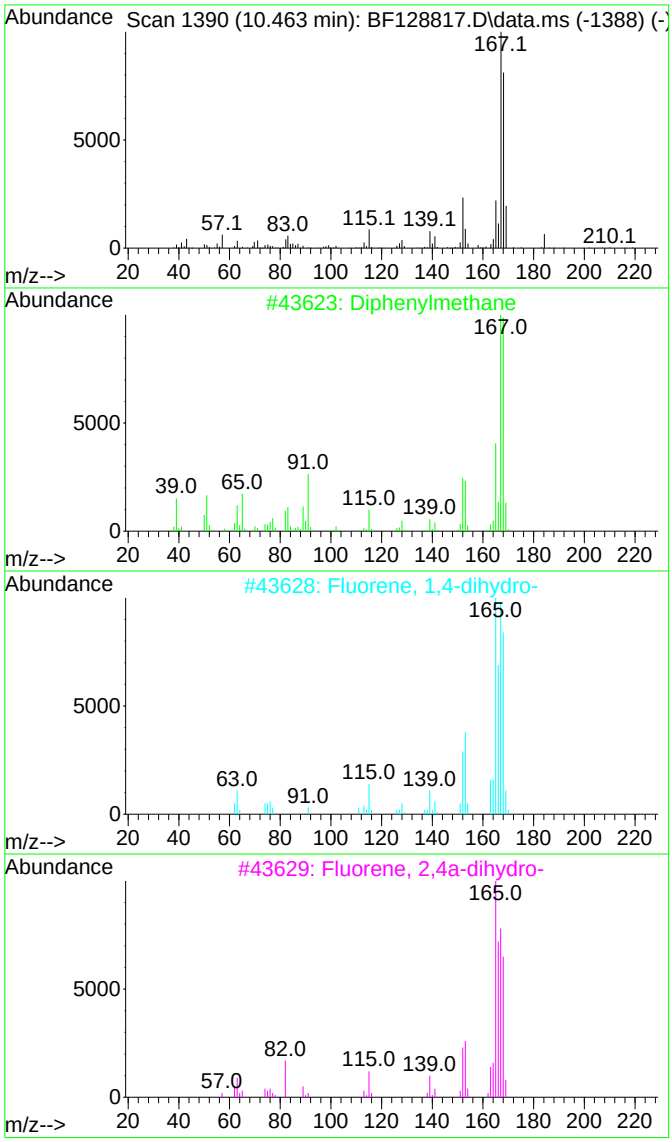
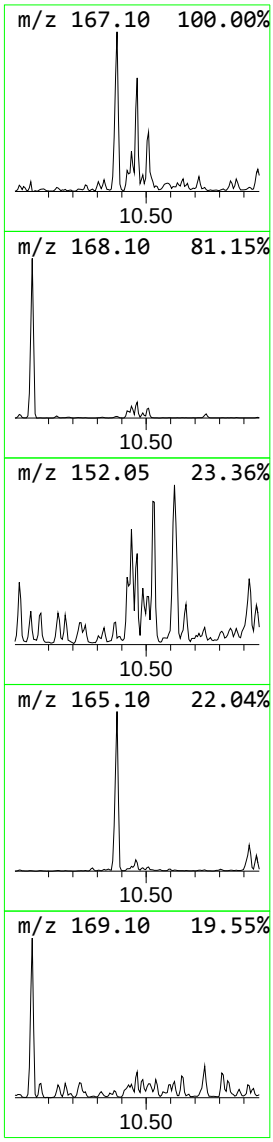
Peak Number 4 Diphenylmethane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.463	17.15 ng	338331	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	74
2	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	59
3	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	59
4	1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	53
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
Data File : BF128817.D
Acq On : 14 Jun 2022 23:43
Operator : CG\JU
Sample : N3337-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-061322

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

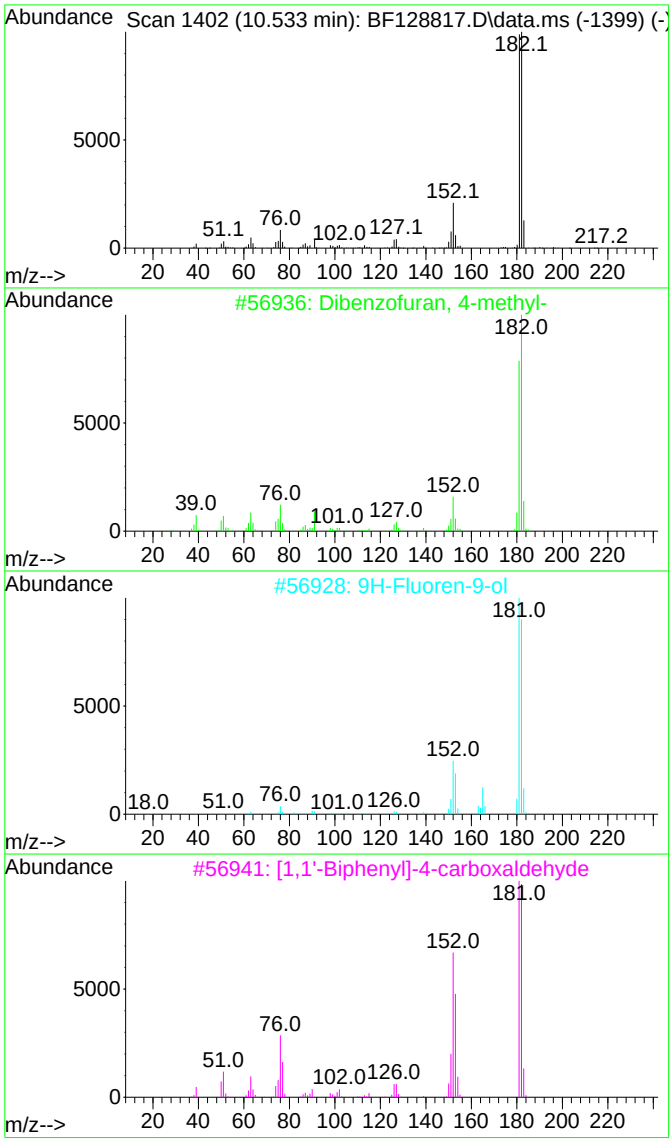
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

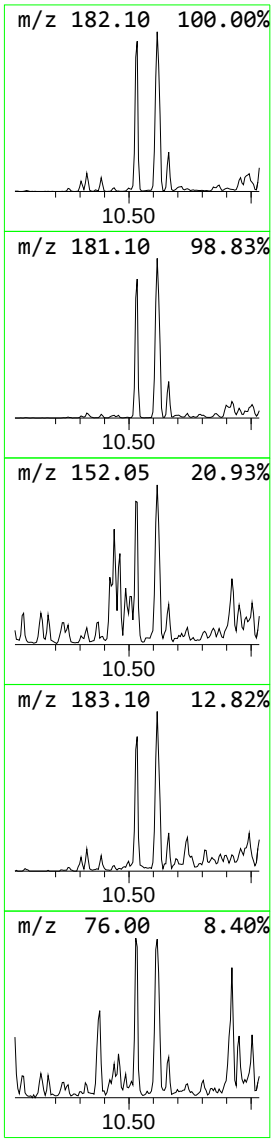
****

Peak Number 5 Dibenzofuran, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.533	32.39 ng	639135	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	72
5	8-Methyl-5H-pyrido[4,3-b]indole	182	C12H10N2	088894-13-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
Data File : BF128817.D
Acq On : 14 Jun 2022 23:43
Operator : CG\JU
Sample : N3337-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-061322

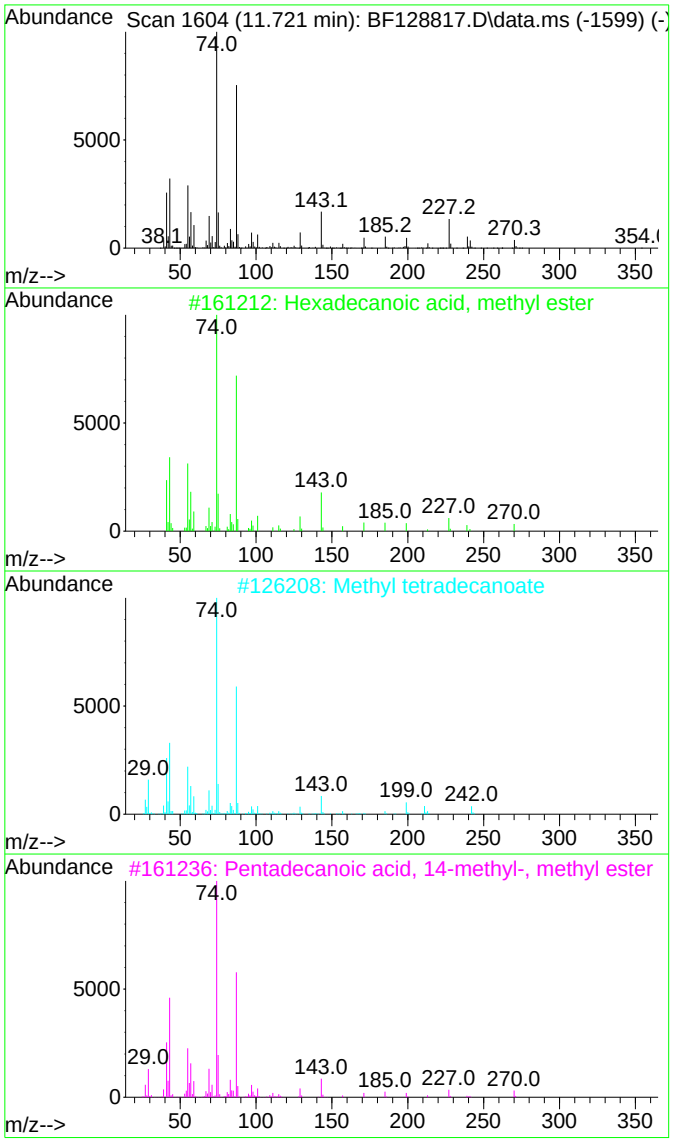
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

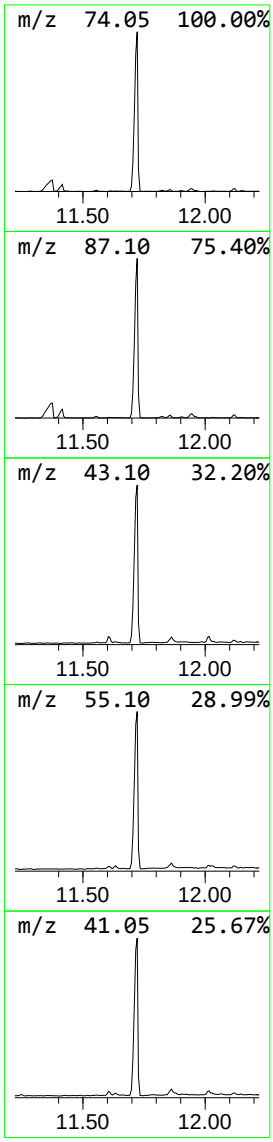
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Hexadecanoic acid, methyl e... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.722	8.63 ng	6921360	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	81





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Acq On : 14 Jun 2022 23:43
Operator : CG\JU
Sample : N3337-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-061322

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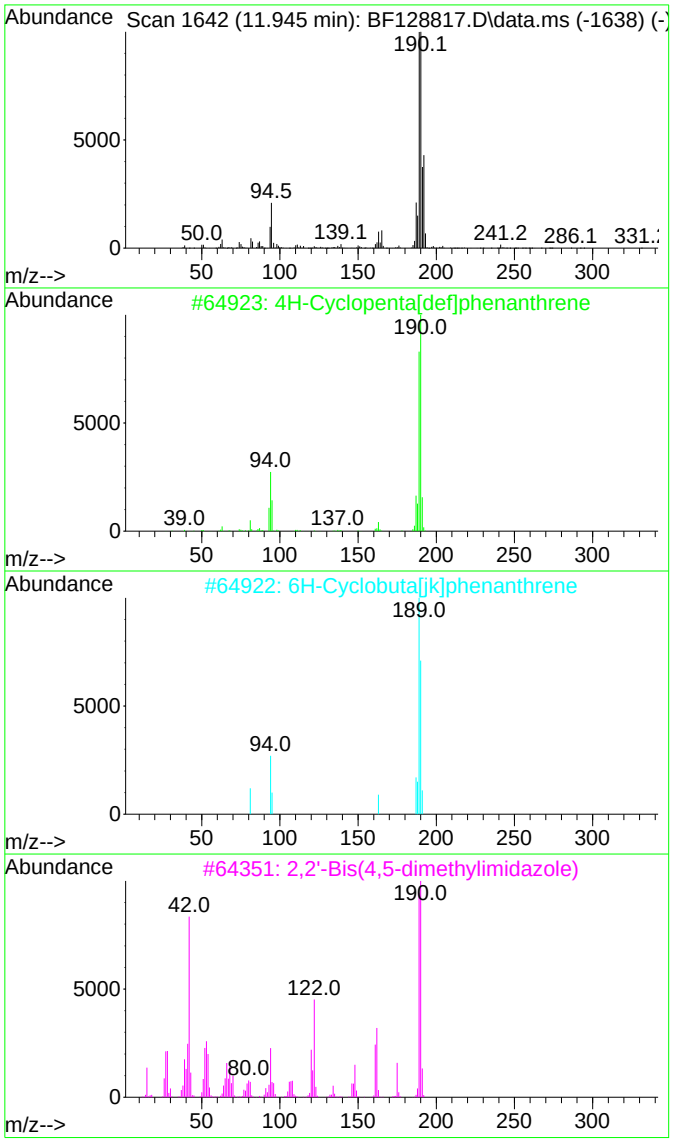
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

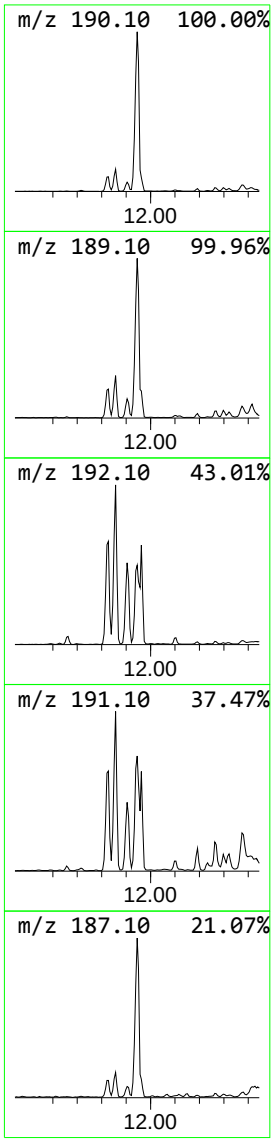
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	6.62 ng	5309660	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
4	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	32
5	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	22





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Misc :
ALS Vial : 21 Sample Multiplier: 1

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BNA_F
ClientSampleId :
SU-02-061322

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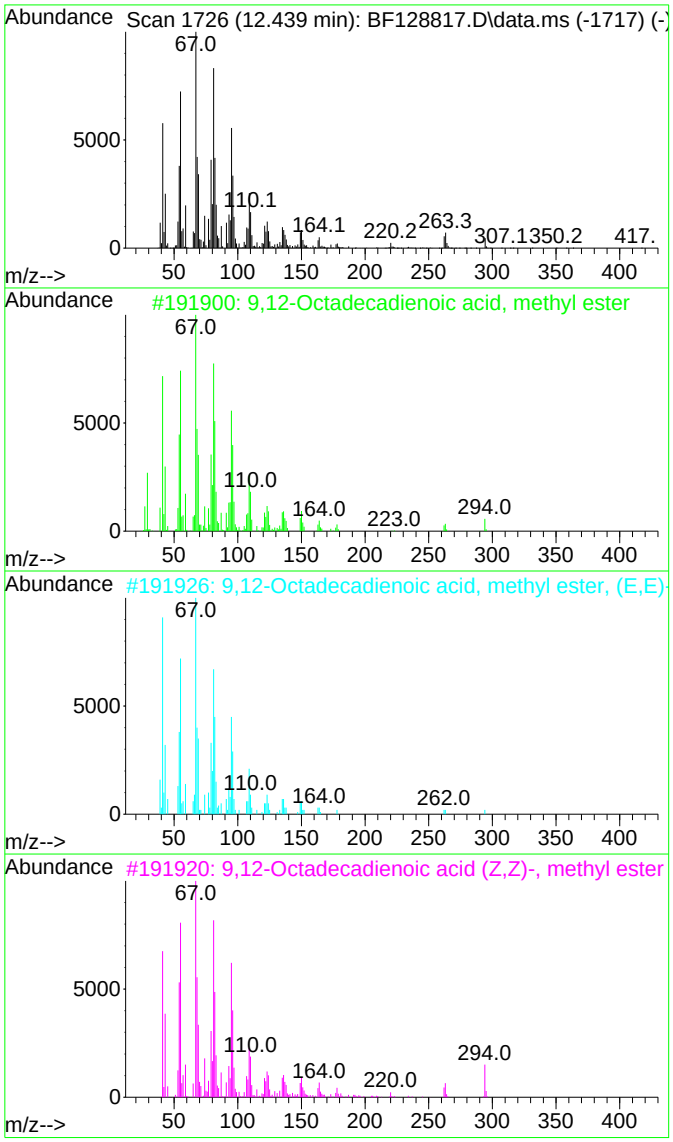
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

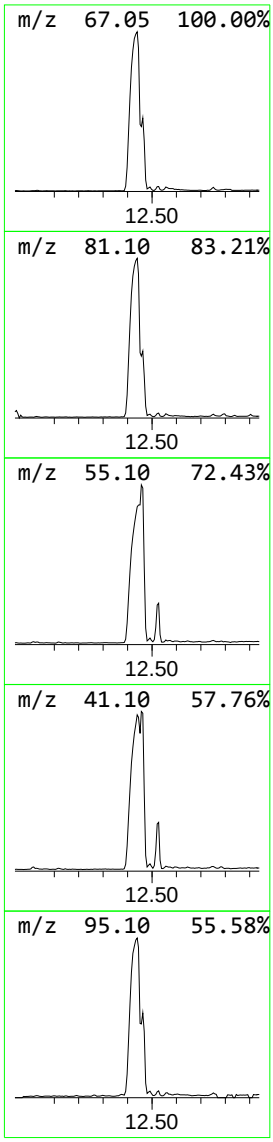
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.439	36.47 ng	29246900	Phenanthrene-d10	11.322

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, methy...	294	C19H34O2	002566-97-4	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99





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ClientSampleId :
SU-02-061322

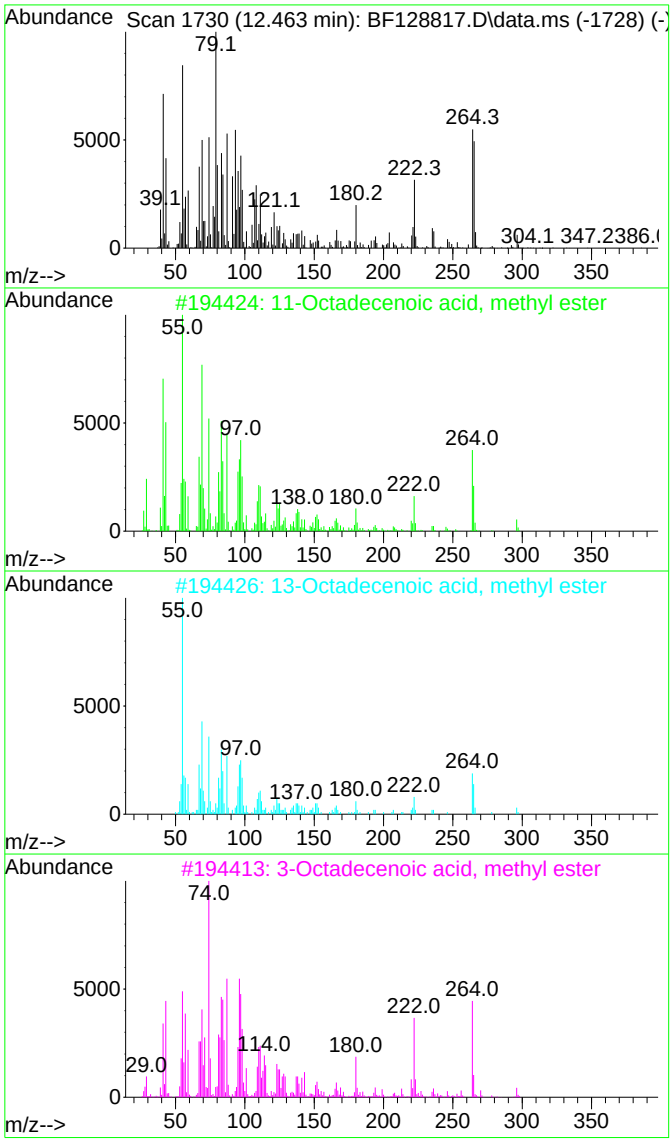
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

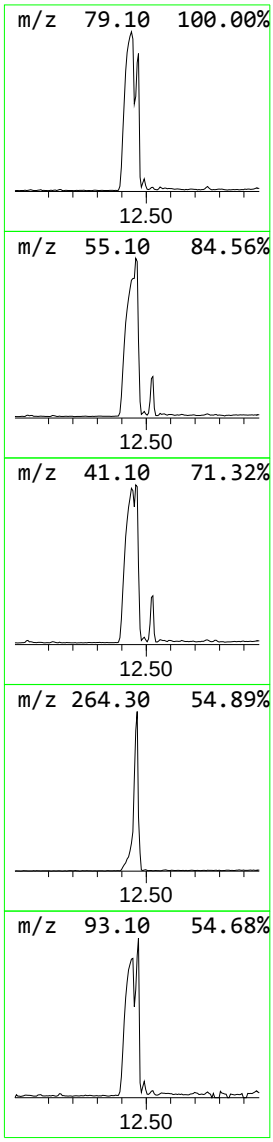
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 11-Octadecenoic acid, methy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	12.94 ng	10380100	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	64
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	55
3	3-Octadecenoic acid, methyl ester	296	C19H36O2	056599-33-8	50
4	7,10,13-Hexadecatrienoic acid, m...	264	C17H28O2	056554-30-4	43
5	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	42





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

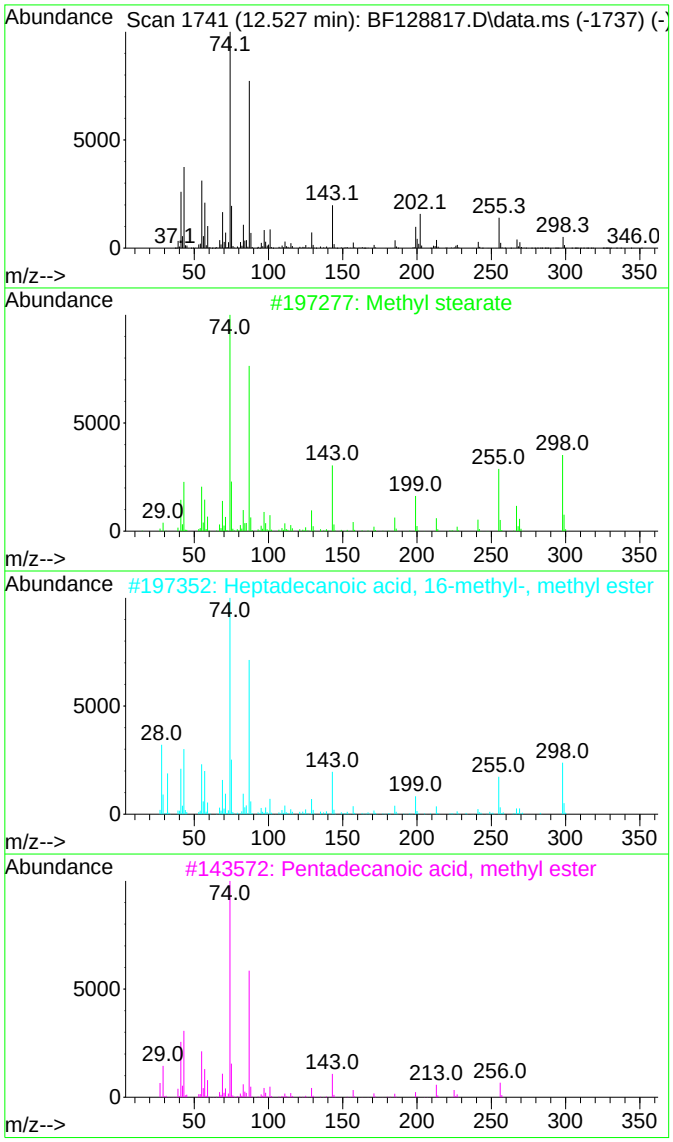
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

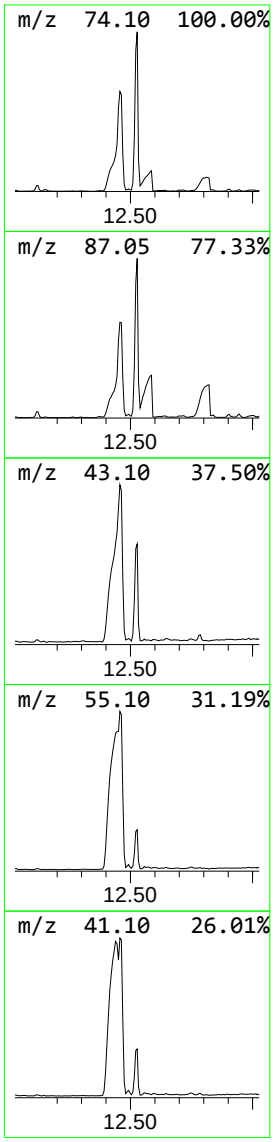
****

Peak Number 10 Methyl stearate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.527	4.03 ng	3231690	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
4	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87
5	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	86





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Misc :
ALS Vial : 21 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

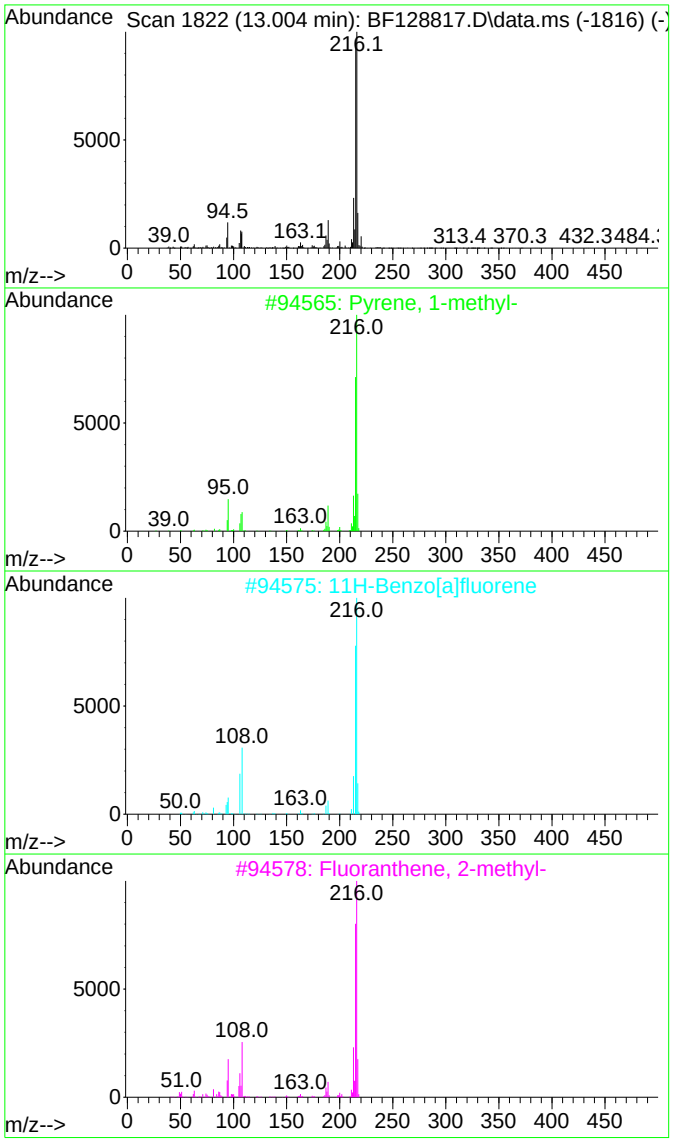
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

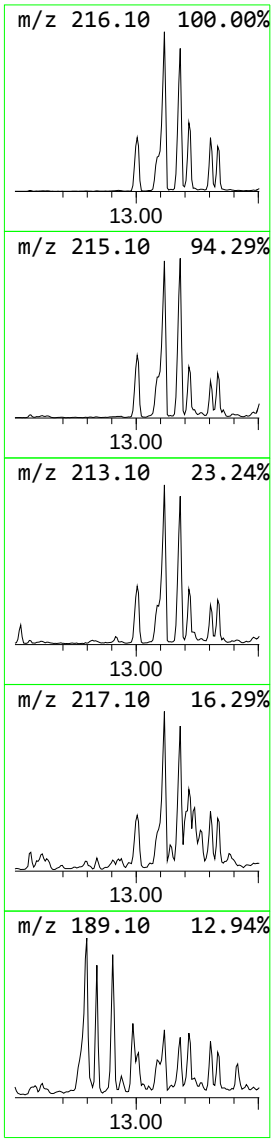
****

Peak Number 11 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.004	4.60 ng	2147760	Chrysene-d12	13.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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ALS Vial : 21 Sample Multiplier: 1

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

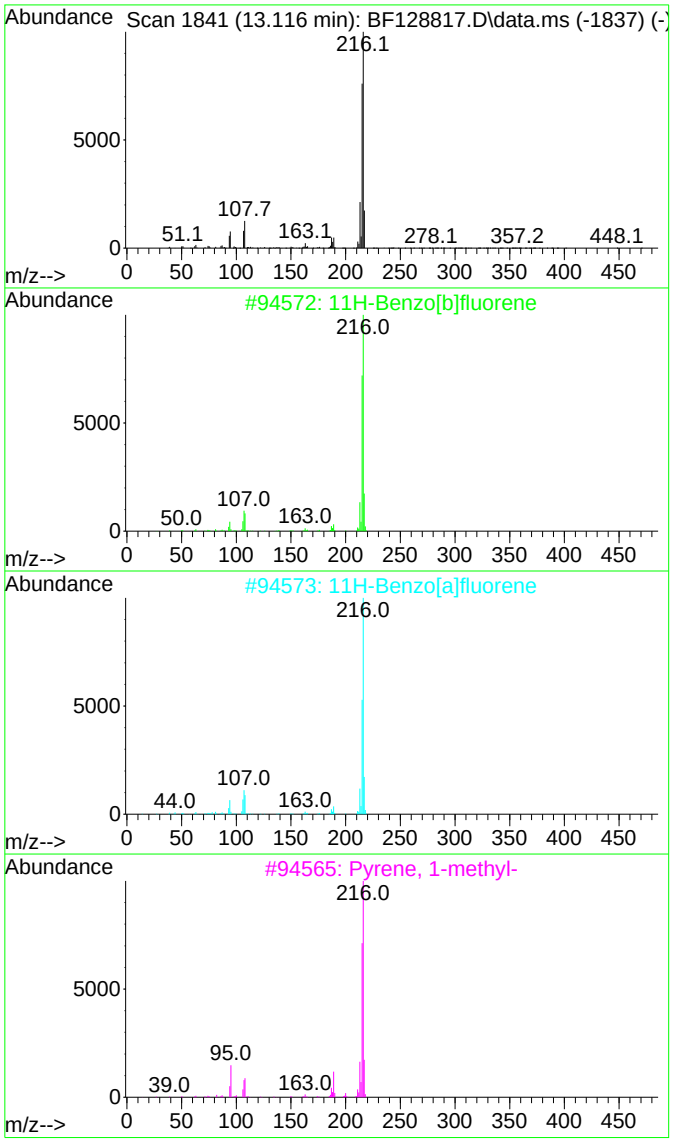
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

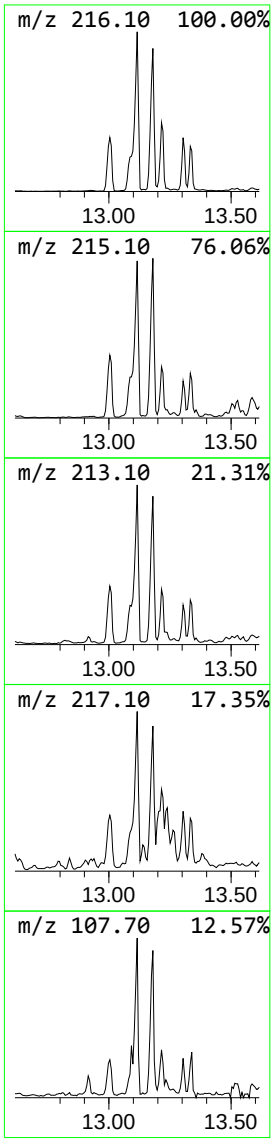
****

Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.116	6.75 ng	3149100	Chrysene-d12	13.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
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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Sample : N3337-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-02-061322

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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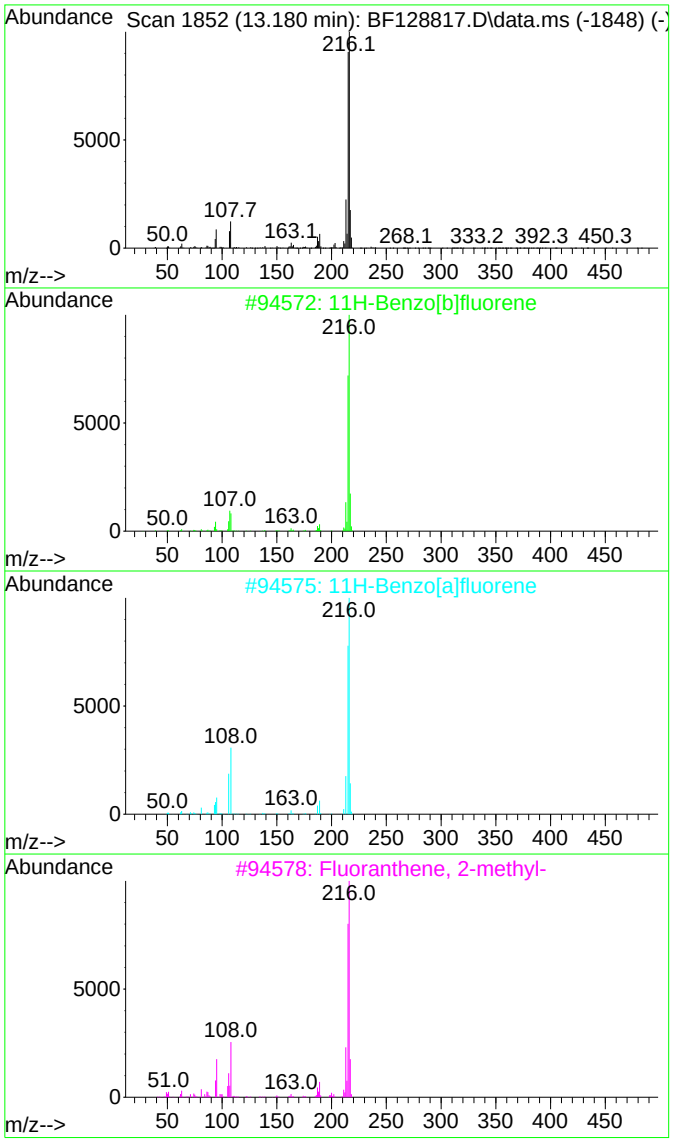
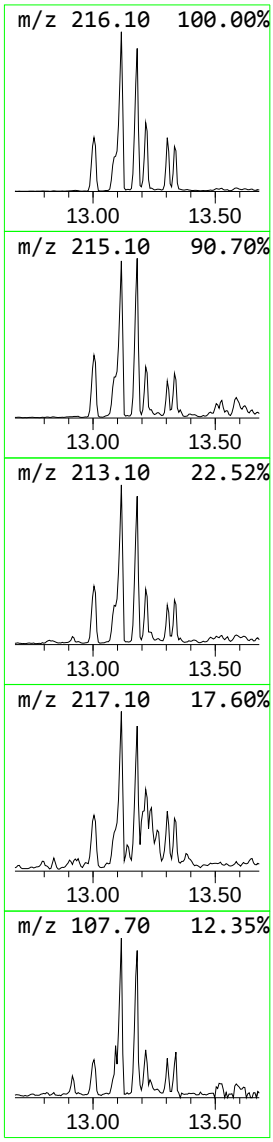
Peak Number 13 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.180	5.90 ng	2753860	Chrysene-d12	13.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Sample : N3337-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

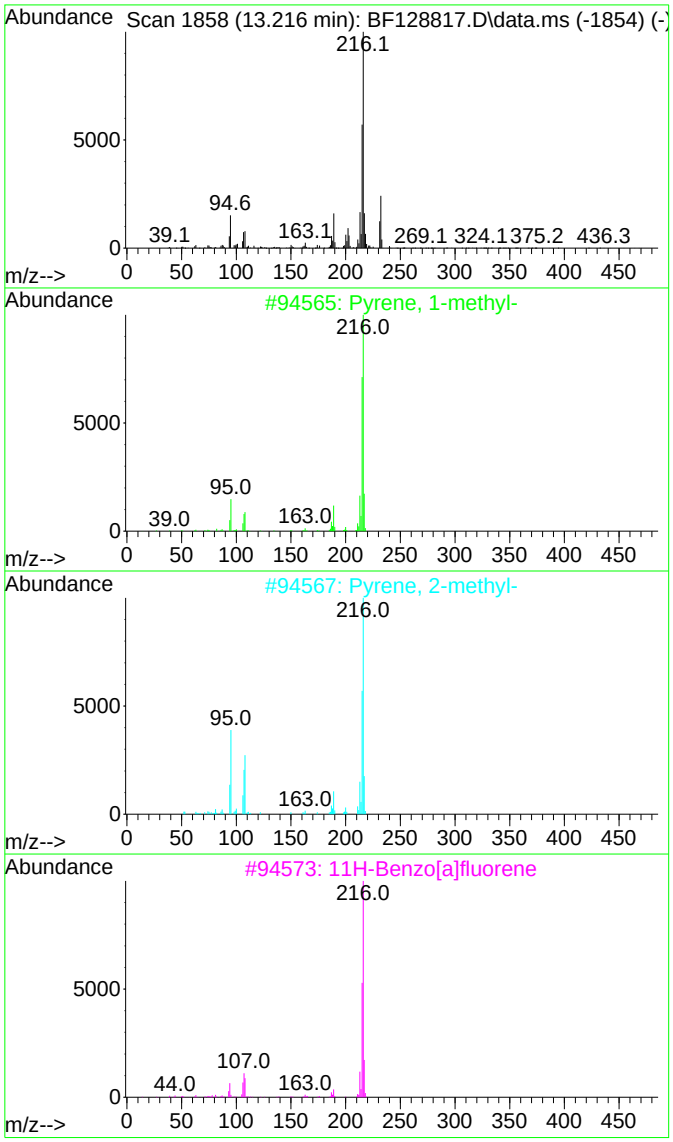
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

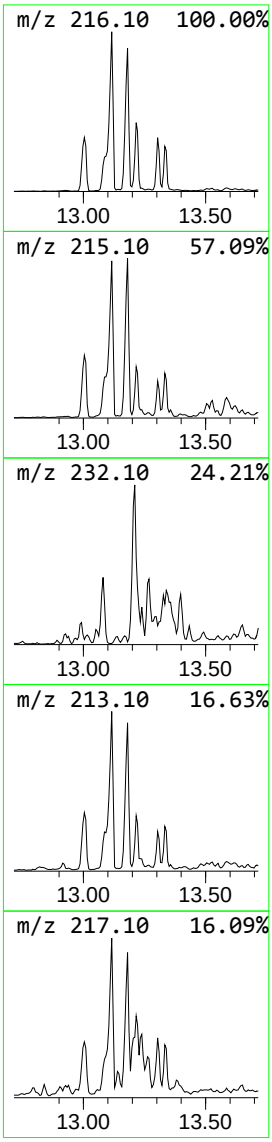
****

Peak Number 14 Pyrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.216	4.46 ng	2081040	Chrysene-d12	13.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	64





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

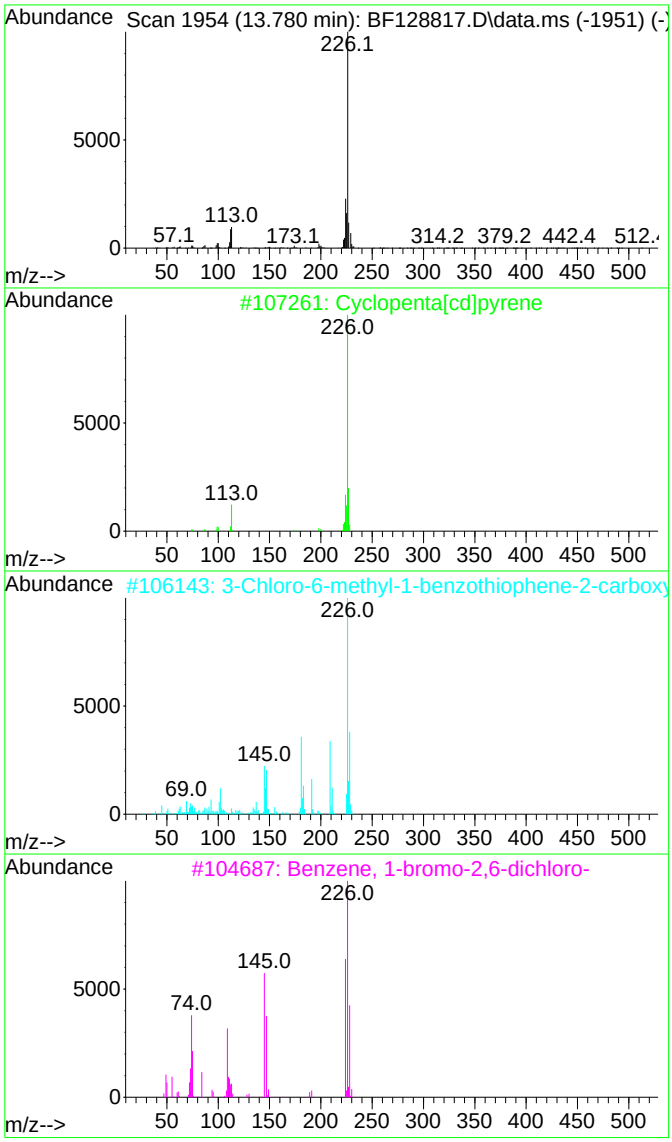
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

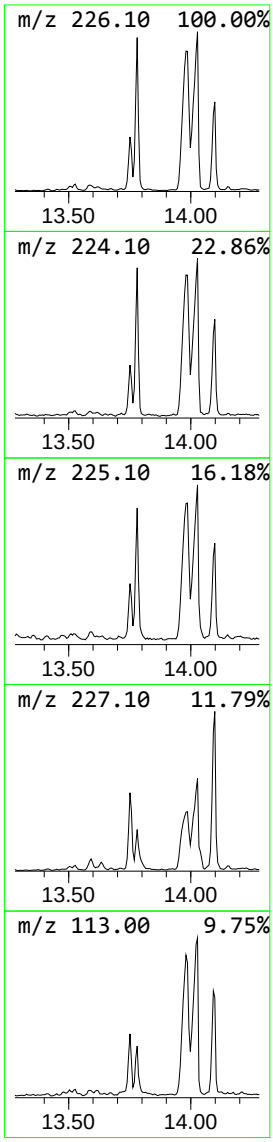
****

Peak Number 15 Cyclopenta[cd]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.780	3.11 ng	1448890	Chrysene-d12	13.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	58
2	3-Chloro-6-methyl-1-benzothiophe...	226	C10H7ClO2S	1010484-31-0	53
3	Benzene, 1-bromo-2,6-dichloro-	224	C6H3BrCl2	019393-92-1	45
4	1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	40
5	2-(2-Fluorophenyl)-1H-benzimidaz...	226	C14H11FN2	941484-74-8	36





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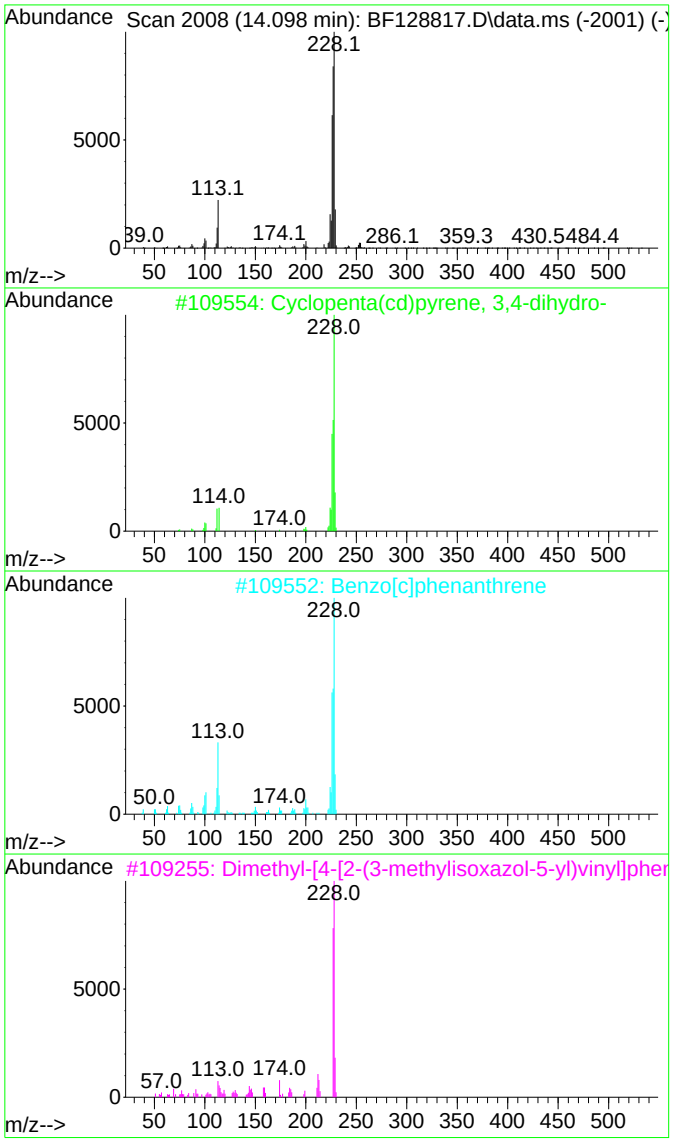
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

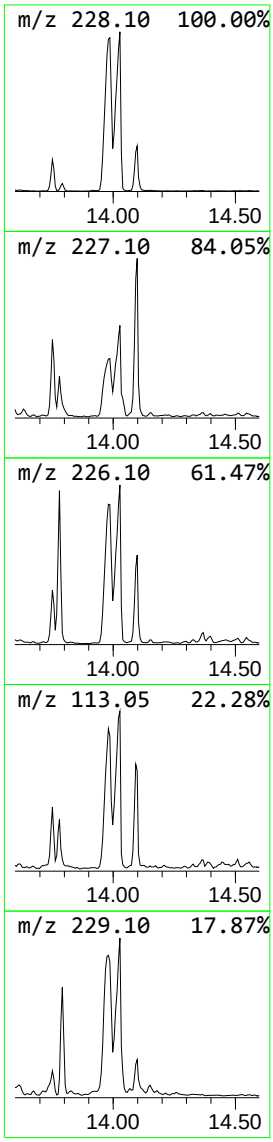
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.098	5.25 ng	2448190	Chrysene-d12	13.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	91
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	50
3	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50
4	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	43
5	Triphenylene	228	C18H12	000217-59-4	38





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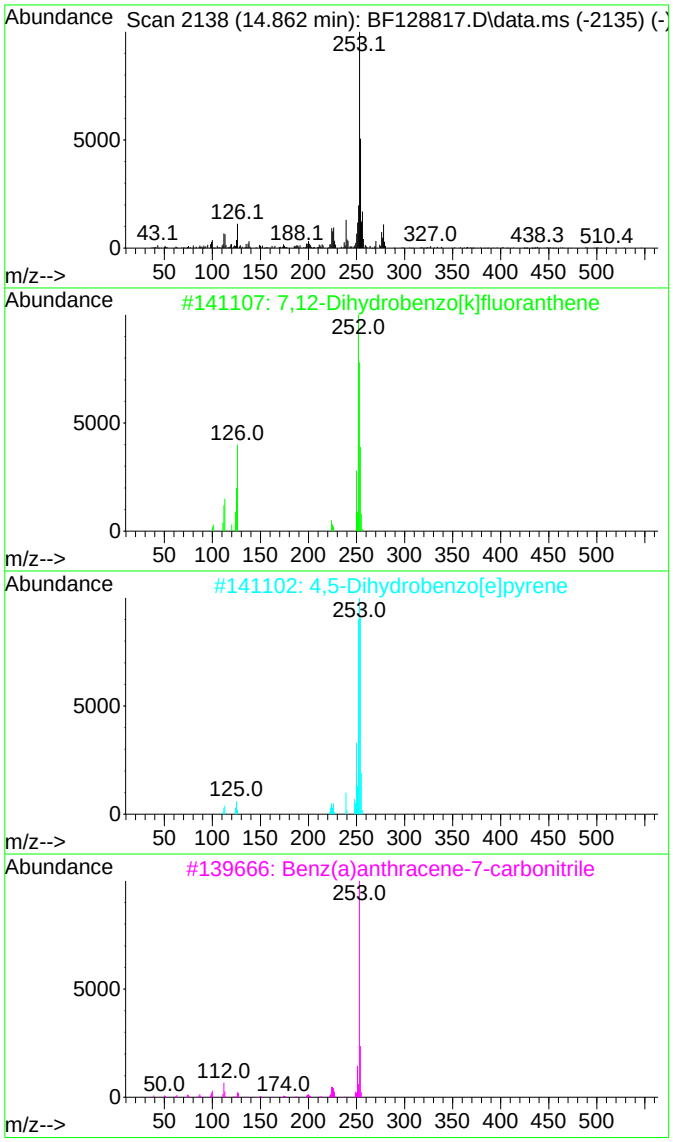
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

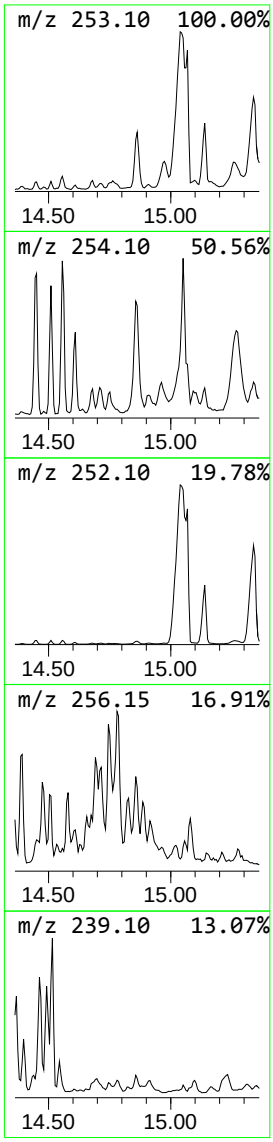
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 7,12-Dihydrobenzo[k]fluoran... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.863	4.74 ng	476422	Perylene-d12	15.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	64
2	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	55
3	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	55
4	1H-Pyrrolo[2,3-f]quinolin-9-ol, ...	254	C16H18N2O	1000303-71-9	52
5	2-Propen-1-one, 3-(4-nitrophenyl...	253	C15H11NO3	001222-98-6	47





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Data File : BF128817.D
Acq On : 14 Jun 2022 23:43
Operator : CG\JU
Sample : N3337-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-061322

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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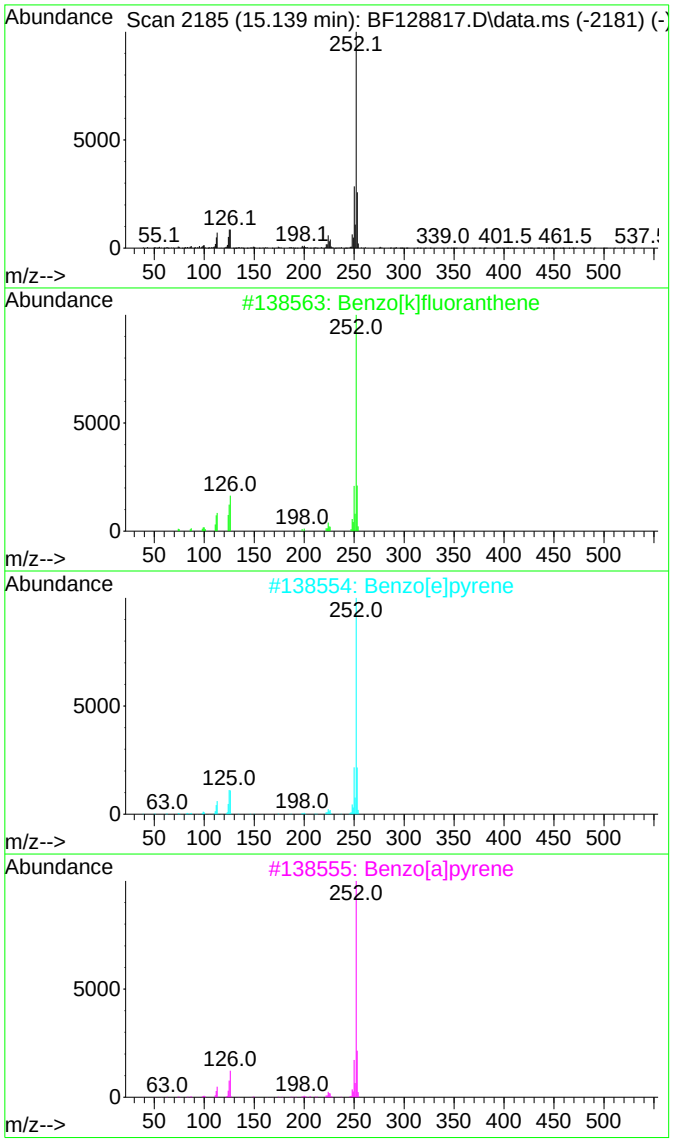
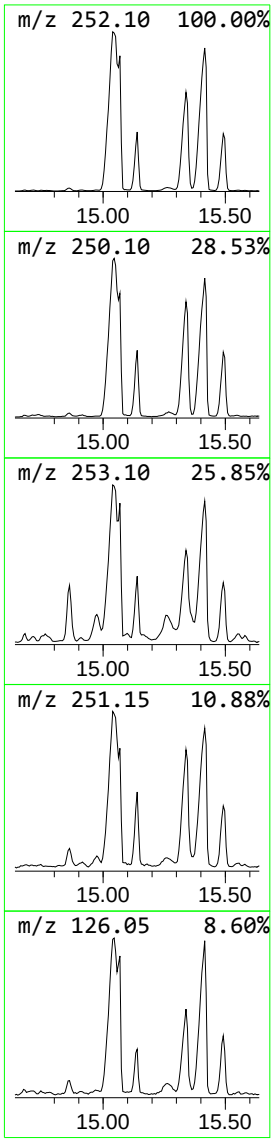
Peak Number 18 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.139	12.38 ng	1243360	Perylene-d12	15.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
2	Benzo[e]pyrene	252	C20H12	000192-97-2	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	86
5	Perylene	252	C20H12	000198-55-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
Data File : BF128817.D
Acq On : 14 Jun 2022 23:43
Operator : CG\JU
Sample : N3337-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-061322

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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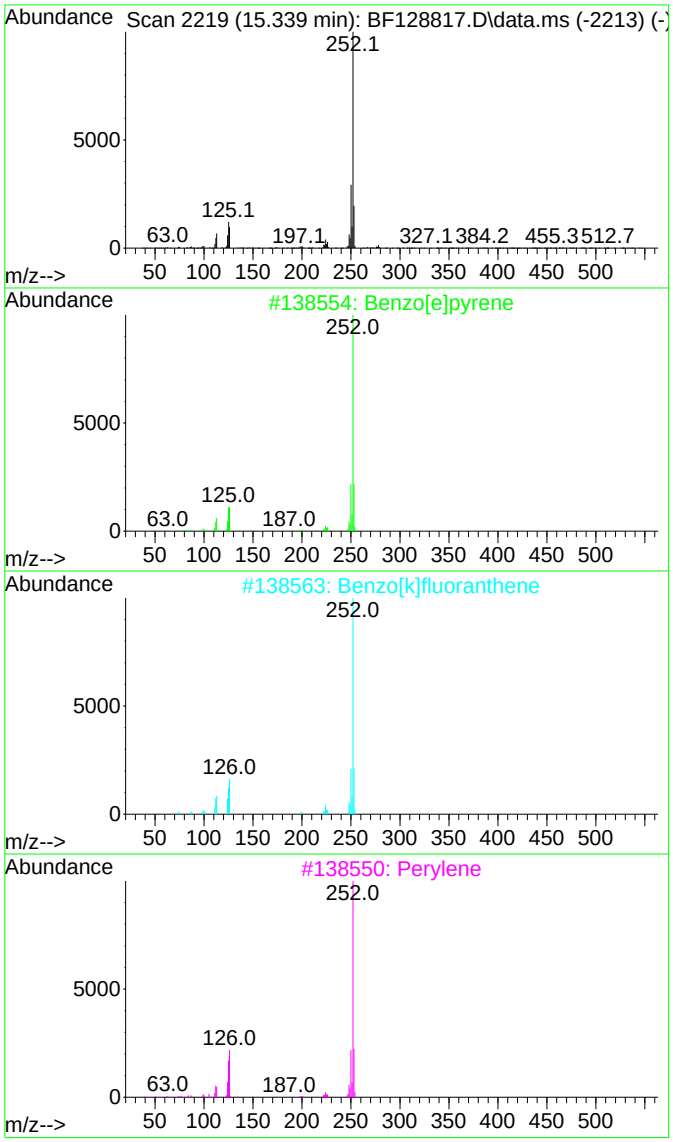
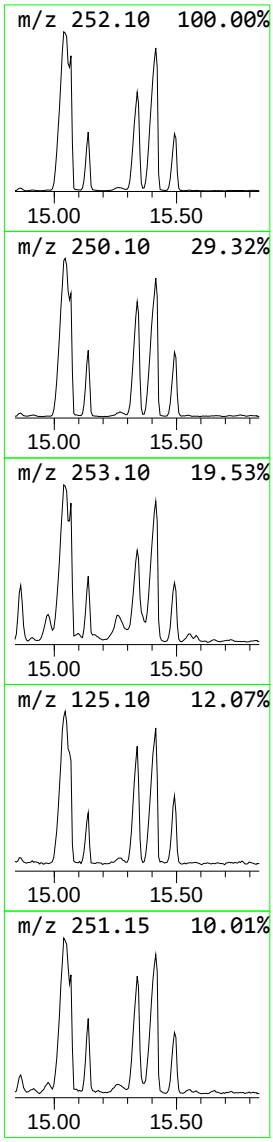
Peak Number 19 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.339	31.90 ng	3204110	Perylene-d12	15.457

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	Perylene	252	C20H12	000198-55-0	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
Data File : BF128817.D
Acq On : 14 Jun 2022 23:43
Operator : CG\JU
Sample : N3337-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-061322

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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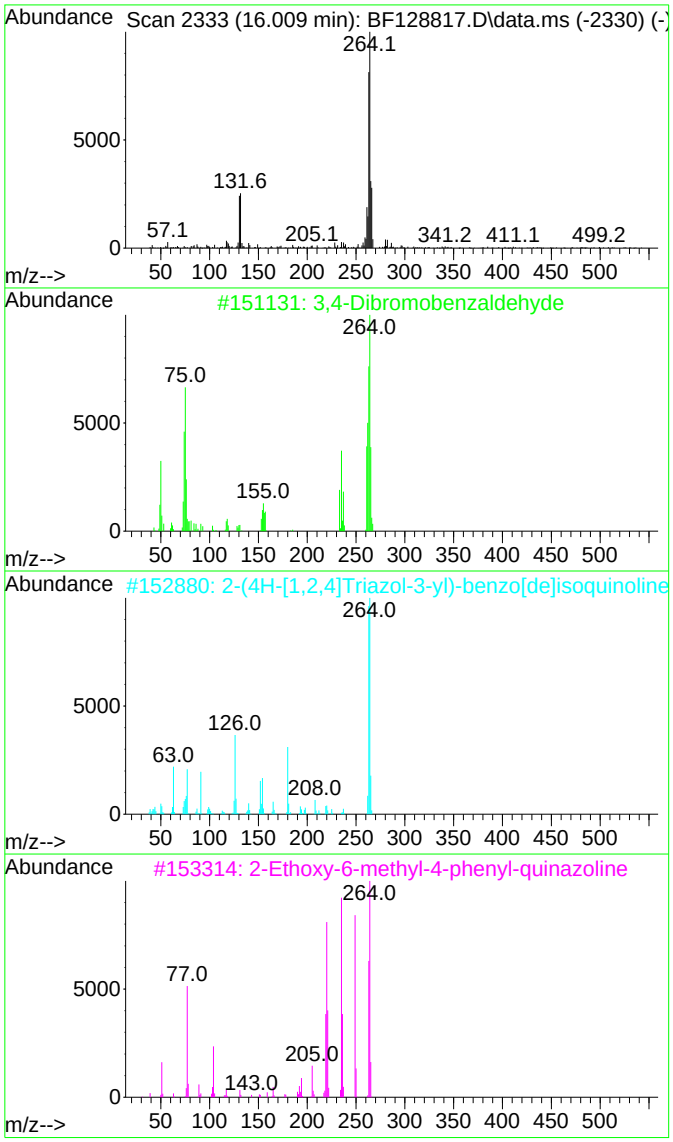
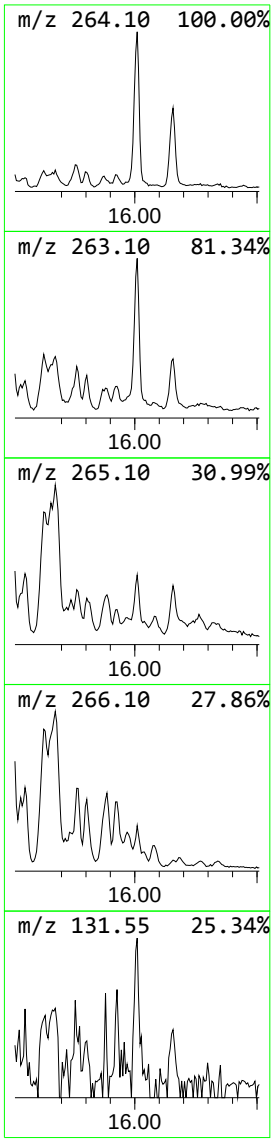
Peak Number 20 3,4-Dibromobenzaldehyde Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.009	3.22 ng	323178	Perylene-d12	15.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dibromobenzaldehyde	262	C7H4Br2O	074003-55-7	58
2	2-(4H-[1,2,4]Triazol-3-yl)-benzo...	264	C14H8N4O2	1000318-09-6	50
3	2-Ethoxy-6-methyl-4-phenyl-quina...	264	C17H16N2O	1000318-42-5	50
4	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	50
5	3-(4-Chlorophenyl)-1,4-diazaspir...	264	C13H13ClN2S	899926-60-4	32





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
Data File : BF128817.D
Acq On : 14 Jun 2022 23:43
Operator : CG\JU
Sample : N3337-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-061322

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,...	9.410	25.9	ng	511417	3	9.822	394638	20.0
Naphthalene, 2,...	9.480	27.5	ng	543308	3	9.822	394638	20.0
Naphthalene, 1,...	9.598	15.9	ng	313288	3	9.822	394638	20.0
Diphenylmethane	10.463	17.1	ng	338331	3	9.822	394638	20.0
Dibenzofuran, 4...	10.533	32.4	ng	639135	3	9.822	394638	20.0
Hexadecanoic ac...	11.722	8.6	ng	6921360	4	11.322	16040900	20.0
4H-Cyclopenta[d...	11.945	6.6	ng	5309660	4	11.322	16040900	20.0
9,12-Octadecadi...	12.439	36.5	ng	29246900	4	11.322	16040900	20.0
11-Octadecenoic...	12.463	12.9	ng	10380100	4	11.322	16040900	20.0
Methyl stearate	12.527	4.0	ng	3231690	4	11.322	16040900	20.0
Pyrene, 1-methyl-	13.004	4.6	ng	2147760	5	13.992	9329740	20.0
11H-Benzo[b]flu...	13.116	6.8	ng	3149100	5	13.992	9329740	20.0
11H-Benzo[a]flu...	13.180	5.9	ng	2753860	5	13.992	9329740	20.0
Pyrene, 2-methyl-	13.216	4.5	ng	2081040	5	13.992	9329740	20.0
Cyclopenta[cd]p...	13.780	3.1	ng	1448890	5	13.992	9329740	20.0
Cyclopenta(cd)p...	14.098	5.3	ng	2448190	5	13.992	9329740	20.0
7,12-Dihydroben...	14.863	4.7	ng	476422	6	15.457	2008750	20.0
Benzo[e]pyrene	15.139	12.4	ng	1243360	6	15.457	2008750	20.0
Perylene	15.339	31.9	ng	3204110	6	15.457	2008750	20.0
3,4-Dibromobenz...	16.009	3.2	ng	323178	6	15.457	2008750	20.0