LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
Data File : BF128829.D
Acq On : 15 Jun 2022 16:52
Operator : CG\JU
Sample : N3347-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-061422

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: BF128829.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.775	249	253	259	rVB2	16967	24303	1.56%	0.102%
2	4.887	432	442	444	rBV5	11054	20238	1.30%	0.085%
3	4.969	453	456	462	rVB3	19261	32259	2.07%	0.135%
4	5.175	486	491	494	rBV	24762	26617	1.71%	0.112%
5	5.357	519	522	529	rVB2	17573	19846	1.27%	0.083%
6	5.416	529	532	538	rBV	1472996	1354001	86.80%	5.681%
7	5.681	573	577	580	rBV	36562	35330	2.26%	0.148%
8	5.793	591	596	599	rVB	18140	21643	1.39%	0.091%
9	6.434	702	705	716	rBV	1410415	1351055	86.61%	5.668%
10	6.610	732	735	741	rBV3	18005	20559	1.32%	0.086%
11	6.781	760	764	768	rBV	620848	468046	30.00%	1.964%
12	7.045	805	809	813	rBV2	15369	19147	1.23%	0.080%
13	7.345	856	860	863	rBV	1017229	857750	54.99%	3.599%
14	8.063	979	982	985	rVB	642171	513278	32.90%	2.153%
15	8.357	1027	1032	1038	rVB8	11192	18931	1.21%	0.079%
16	8.487	1050	1054	1055	rBV2	22624	21332	1.37%	0.089%
17	8.657	1080	1083	1085	rVB	30863	25776	1.65%	0.108%
18	9.087	1153	1156	1160	rBV2	34803	34941	2.24%	0.147%
19	9.145	1161	1166	1169	rBV	1725988	1559920	100.00%	6.545%
20	9.222	1175	1179	1181	rBV	54993	55118	3.53%	0.231%
21	9.410	1208	1211	1214	rVB4	26987	25729	1.65%	0.108%
22	9.475	1220	1222	1225	rBV2	27058	28489	1.83%	0.120%
23	9.528	1229	1231	1232	rVV2	28851	25023	1.60%	0.105%
24	9.545	1232	1234	1236	rVB2	48437	37717	2.42%	0.158%
25	9.681	1254	1257	1262	rBV	150883	137879	8.84%	0.578%
26	9.751	1267	1269	1273	rVB	55195	40952	2.63%	0.172%
27	9.822	1274	1281	1284	rVV	720836	575205	36.87%	2.413%
28	9.851	1284	1286	1290	rVB3	28370	27609	1.77%	0.116%
29	9.928	1296	1299	1303	rBV5	20843	22501	1.44%	0.094%
30	10.022	1314	1315	1320	rVB4	29289	25013	1.60%	0.105%
31	10.063	1320	1322	1327	rVB4	17914	23560	1.51%	0.099%
32	10.134	1332	1334	1337	rBV2	26977	32419	2.08%	0.136%
33	10.228	1346	1350	1352	rBV4	27323	35781	2.29%	0.150%
34	10.251	1352	1354	1356	rVV2	67458	50469	3.24%	0.212%
35	10.275	1356	1358	1361	rVV	30409	25604	1.64%	0.107%
36	10.369	1371	1374	1381	rVB4	35068	45031	2.89%	0.189%

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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-061422

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	10.475	1387	1392	1398	rBV2	42626	66783	4.28%	0.280%
38	10.616	1413	1416	1419	rBV	866254	698791	44.80%	2.932%
39	10.733	1432	1436	1440	rBV3	93580	138475	8.88%	0.581%
40	10.916	1464	1467	1470	rBV4	26183	31024	1.99%	0.130%
41	10.951	1471	1473	1475	rVB3	26660	21488	1.38%	0.090%
42	11.116	1499	1501	1504	rBV	33280	27437	1.76%	0.115%
43	11.175	1508	1511	1513	rVV	84897	80593	5.17%	0.338%
44	11.204	1513	1516	1521	rVB	86931	96746	6.20%	0.406%
45	11.310	1531	1534	1536	rBV	662035	544490	34.90%	2.284%
46	11.333	1536	1538	1542	rVV	427107	338896	21.73%	1.422%
47	11.386	1544	1547	1550	rVB	142769	113007	7.24%	0.474%
48	11.422	1550	1553	1555	rBV2	42292	42706	2.74%	0.179%
49	11.545	1571	1574	1578	rBV2	40807	49094	3.15%	0.206%
50	11.604	1581	1584	1586	rBV2	78360	77617	4.98%	0.326%
51	11.639	1586	1590	1596	rVB2	35906	65237	4.18%	0.274%
52	11.704	1598	1601	1603	rBV	241531	179811	11.53%	0.754%
53	11.769	1610	1612	1616	rBV5	18276	21866	1.40%	0.092%
54	11.816	1617	1620	1622	rVV	89068	88424	5.67%	0.371%
55	11.845	1622	1625	1631	rVV2	213843	256026	16.41%	1.074%
56	11.892	1631	1633	1636	rVV2	55095	64120	4.11%	0.269%
57	11.928	1636	1639	1641	rVV2	169166	175320	11.24%	0.736%
58	11.951	1641	1643	1646	rVB	71278	60207	3.86%	0.253%
59	12.010	1650	1653	1657	rVV	85011	74629	4.78%	0.313%
60	12.045	1657	1659	1662	rBV	38162	29103	1.87%	0.122%
61	12.110	1667	1670	1672	rVV2	78139	70167	4.50%	0.294%
62	12.139	1672	1675	1678	rVB2	73935	64502	4.13%	0.271%
63	12.239	1690	1692	1694	rBV	37844	33778	2.17%	0.142%
64	12.292	1698	1701	1703	rBV2	65365	60525	3.88%	0.254%
65	12.363	1710	1713	1715	rBV	112403	107626	6.90%	0.452%
66	12.392	1715	1718	1719	rVV	436141	389361	24.96%	1.634%
67	12.410	1719	1721	1726	rVV2	668640	645502	41.38%	2.708%
68	12.451	1726	1728	1733	rVB3	72848	73673	4.72%	0.309%
69	12.498	1733	1736	1738	rBV2	150099	124990	8.01%	0.524%
70	12.533	1738	1742	1744	rBV	1266699	1082125	69.37%	4.540%
71	12.557	1744	1746	1751	rVV2	111037	165863	10.63%	0.696%
72	12.627	1755	1758	1762	rBV3	66656	102507	6.57%	0.430%
73	12.680	1765	1767	1770	rVB	55203	46175	2.96%	0.194%
74	12.763	1775	1781	1786	rVV	1217828	1419302	90.99%	5.955%
75	12.816	1786	1790	1794	rVB2	66784	99613	6.39%	0.418%
76	12.904	1801	1805	1808	rVB	1639128	1351832	86.66%	5.672%

LSC Area Percent Report

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Acq On : 15 Jun 2022 16:52
Operator : CG\JU
Sample : N3347-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-061422

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

77	12.980	1814	1818	1825	rBV5	92073	182233	11.68%	0.765%
78	13.069	1830	1833	1834	rBV2	104633	119268	7.65%	0.500%
79	13.086	1834	1836	1839	rVB	215157	196279	12.58%	0.823%
80	13.127	1841	1843	1845	rBV2	103012	94011	6.03%	0.394%
81	13.151	1845	1847	1850	rVB	113892	96874	6.21%	0.406%
82	13.192	1851	1854	1856	rBV2	129574	123436	7.91%	0.518%
83	13.286	1868	1870	1872	rVB	87789	63710	4.08%	0.267%
84	13.316	1873	1875	1877	rBV	86012	73596	4.72%	0.309%
85	13.474	1899	1902	1904	rBV	121931	140696	9.02%	0.590%
86	13.598	1921	1923	1928	rVB	106156	100640	6.45%	0.422%
87	13.710	1939	1942	1944	rBV2	160341	147867	9.48%	0.620%
88	13.733	1944	1946	1948	rVB	90086	67407	4.32%	0.283%
89	13.804	1956	1958	1962	rVB2	178089	171252	10.98%	0.718%
90	13.957	1980	1984	1987	rBV2	847084	1163718	74.60%	4.882%
91	13.986	1987	1989	1997	rVB	619670	615309	39.44%	2.582%
92	14.057	1997	2001	2005	rBV2	548460	613951	39.36%	2.576%
93	15.004	2158	2162	2169	rVB	650839	1133425	72.66%	4.755%
94	15.304	2210	2213	2218	rVB	375909	442251	28.35%	1.855%
95	15.363	2219	2223	2229	rBV	552314	729049	46.74%	3.059%
96	15.427	2231	2234	2237	rBV	258291	334409	21.44%	1.403%
97	16.880	2478	2481	2488	rVB2	237527	407160	26.10%	1.708%

Sum of corrected areas: 23835043

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Data File : BF128829.D
Acq On : 15 Jun 2022 16:52
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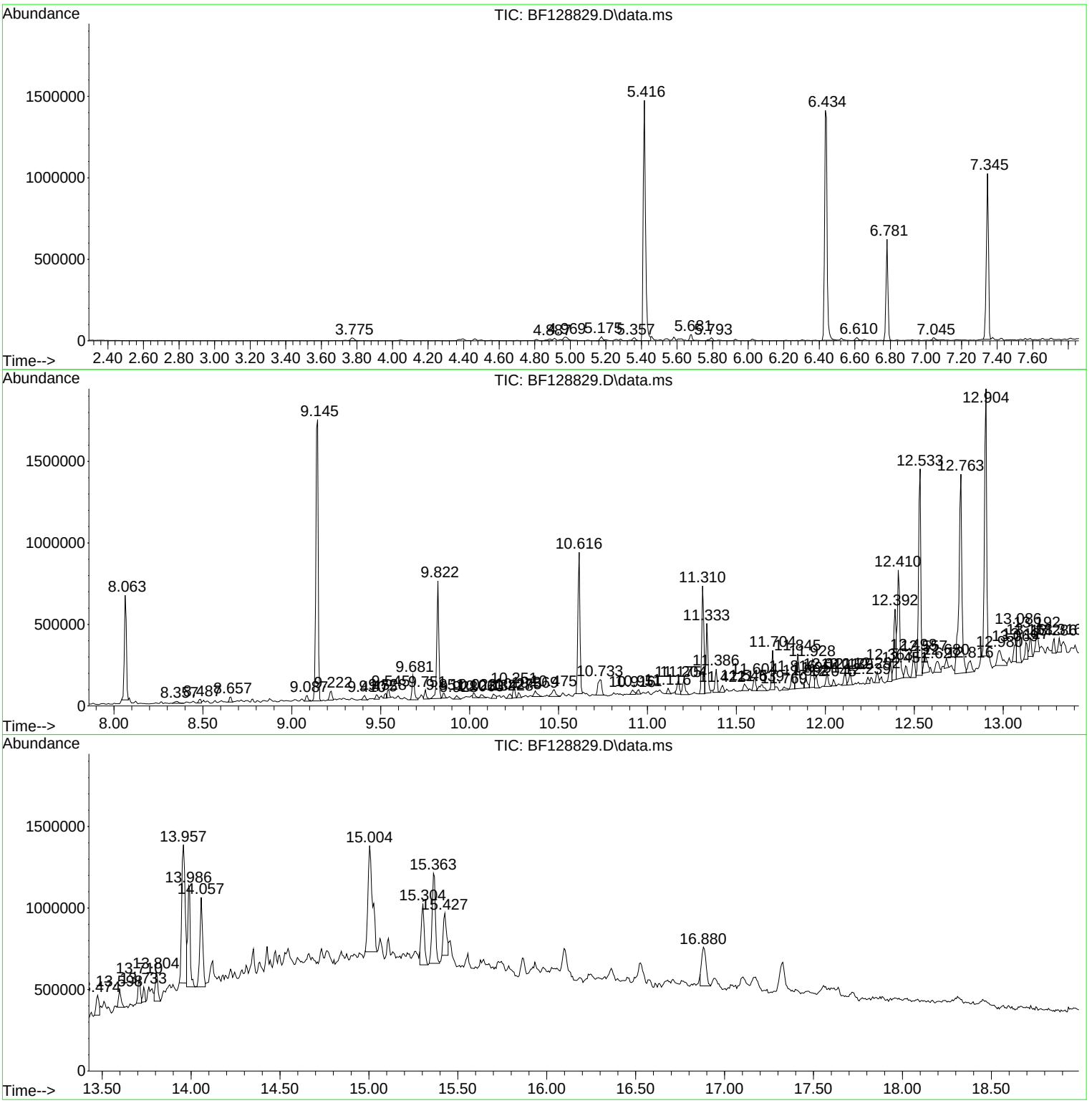
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-061422

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\BF061522\
Data File : BF128829.D
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Sample : N3347-01
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Instrument :
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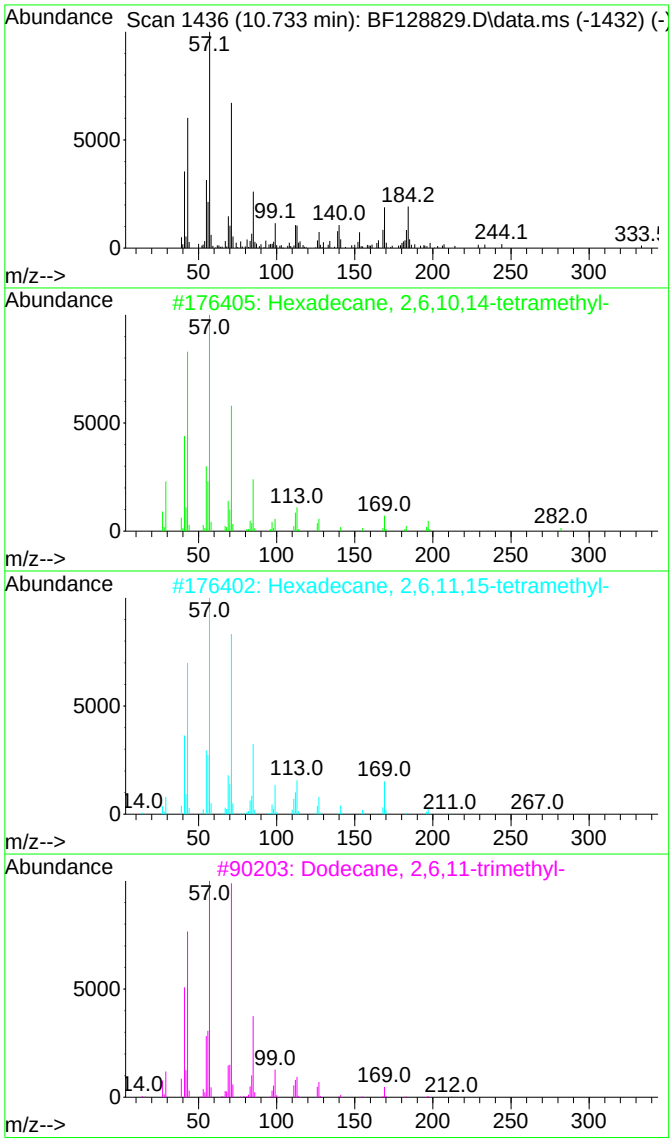
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

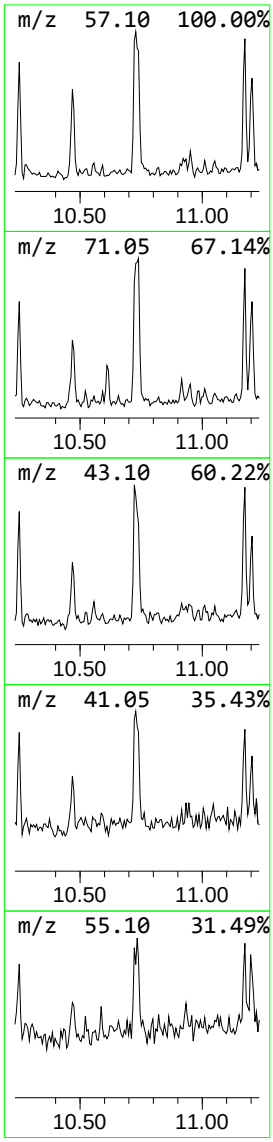
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Hexadecane, 2,6,10,14-tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.733	5.09 ng	138475	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	68
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	58
4	5-Ethyldecane	170	C12H26	017302-36-2	52
5	2,6-Dimethyldecane	170	C12H26	013150-81-7	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
Data File : BF128829.D
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Operator : CG\JU
Sample : N3347-01
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-061422

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

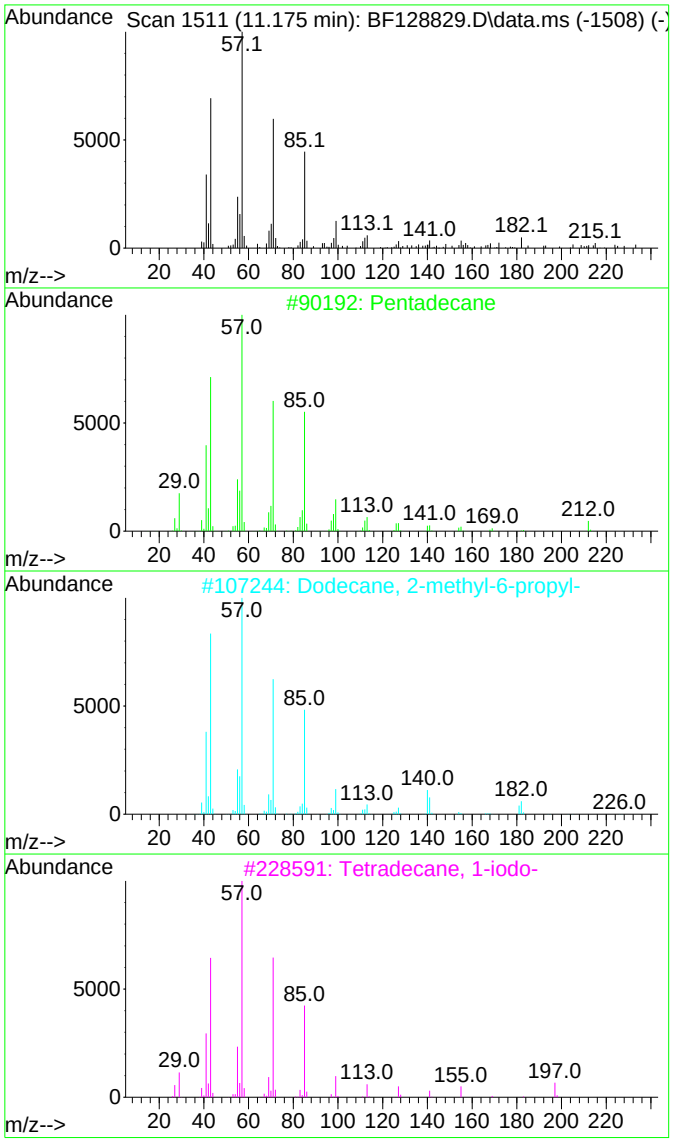
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

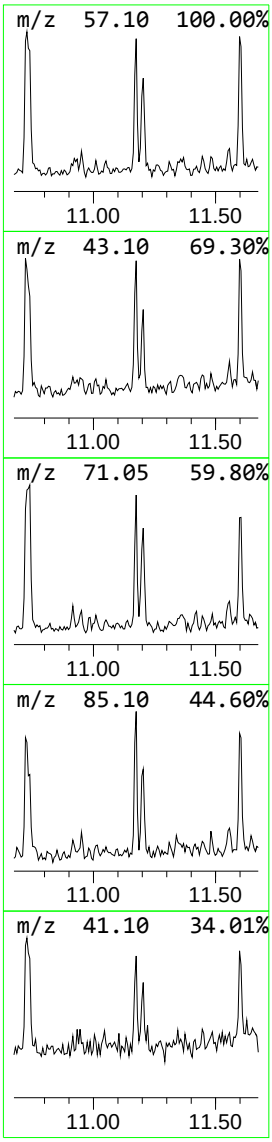
****

Peak Number 2 Pentadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.175	2.96 ng	80593	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	87
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
4	Tetradecane	198	C14H30	000629-59-4	80
5	Nonadecane	268	C19H40	000629-92-5	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
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Operator : CG\JU
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Instrument :
BNA_F
ClientSampleId :
CL-02-061422

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

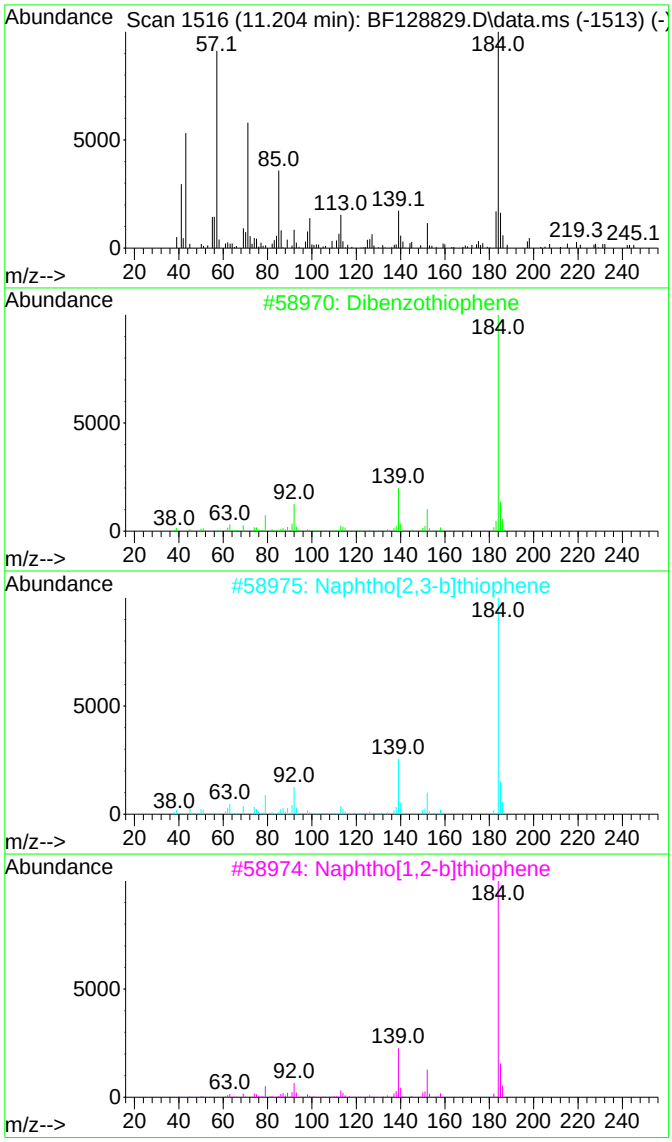
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

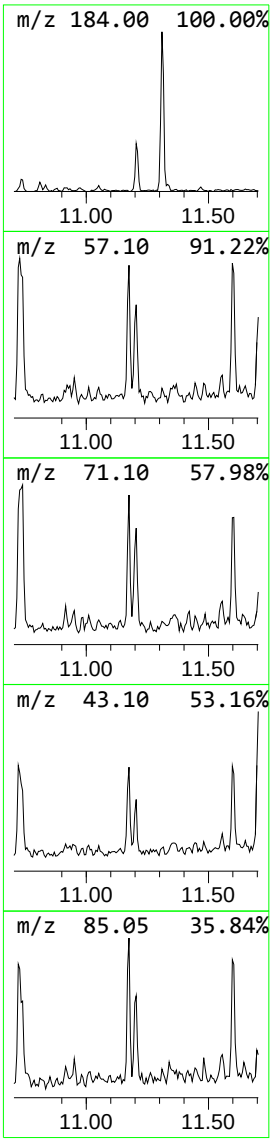
****

Peak Number 3 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.204	3.55 ng	96746	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	53
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	49
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	49
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	49
5	Acetic acid N'-(4-chloro-phenyl)...	184	C8H9ClN2O	1000294-84-0	38





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Data File : BF128829.D
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ALS Vial : 12 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

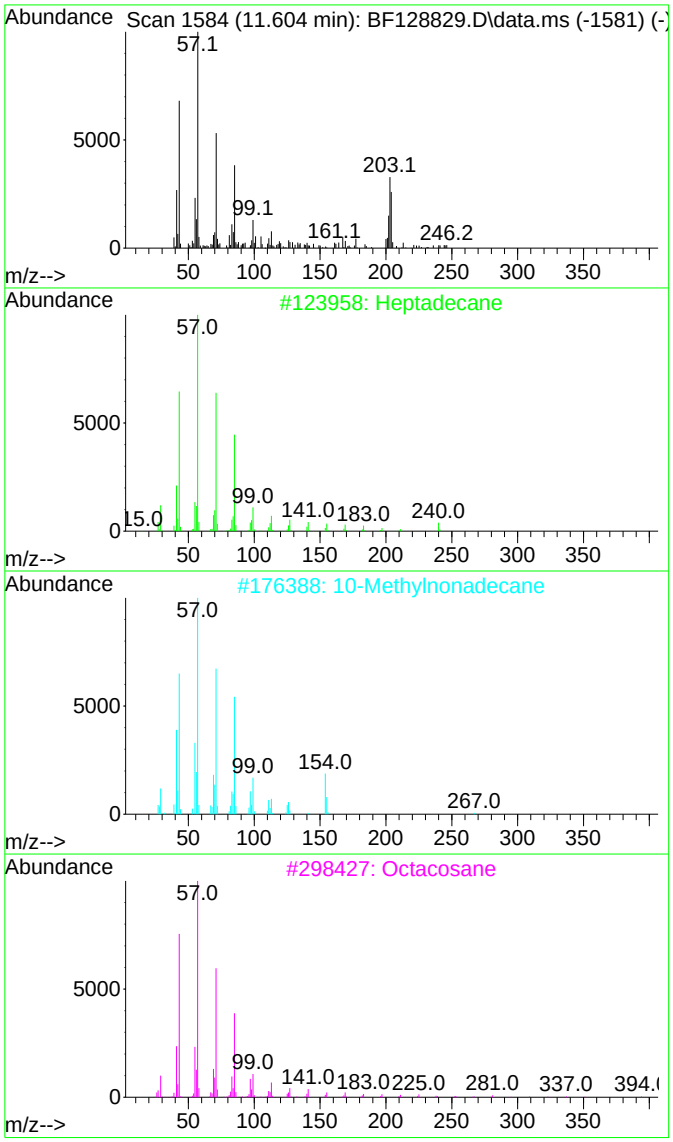
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

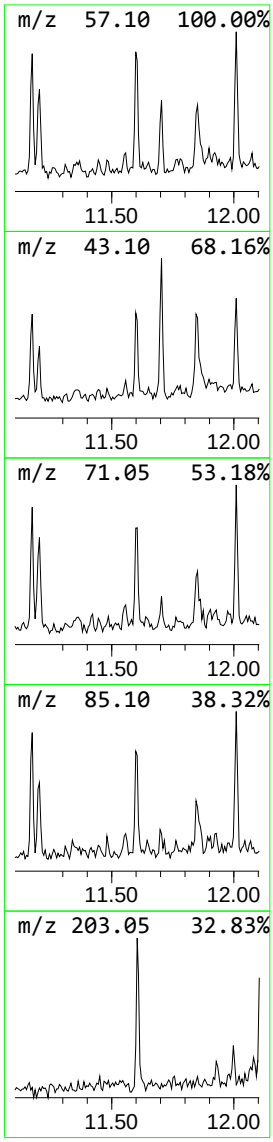
****

Peak Number 4 Heptadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.604	2.85 ng	77617	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	58
2	10-Methylnonadecane	282	C20H42	056862-62-5	53
3	Octacosane	394	C28H58	000630-02-4	52
4	Tetratetracontane	619	C44H90	007098-22-8	52
5	Hexatriacontane	507	C36H74	000630-06-8	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
Data File : BF128829.D
Acq On : 15 Jun 2022 16:52
Operator : CG\JU
Sample : N3347-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-061422

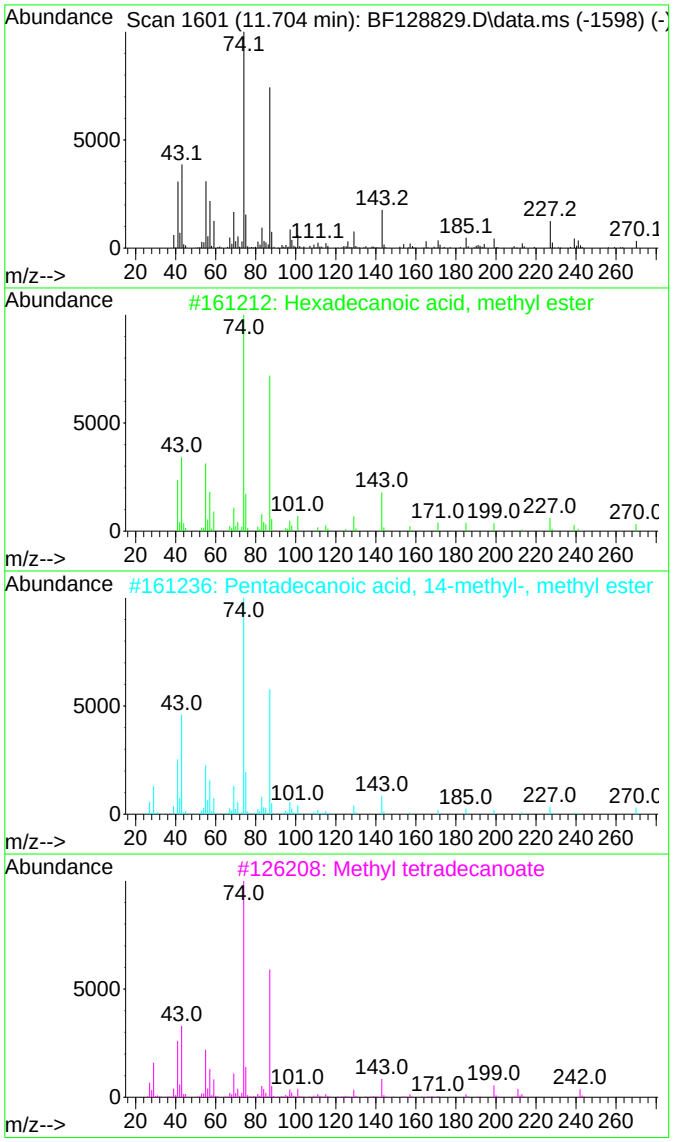
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

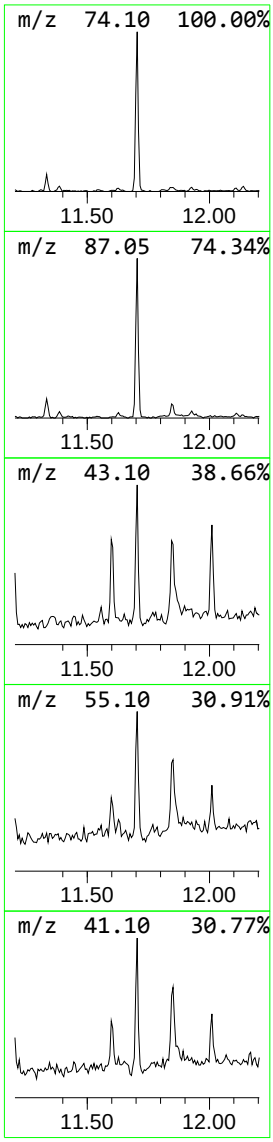
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.704	6.60 ng	179811	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	96
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87
5	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
Data File : BF128829.D
Acq On : 15 Jun 2022 16:52
Operator : CG\JU
Sample : N3347-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-061422

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

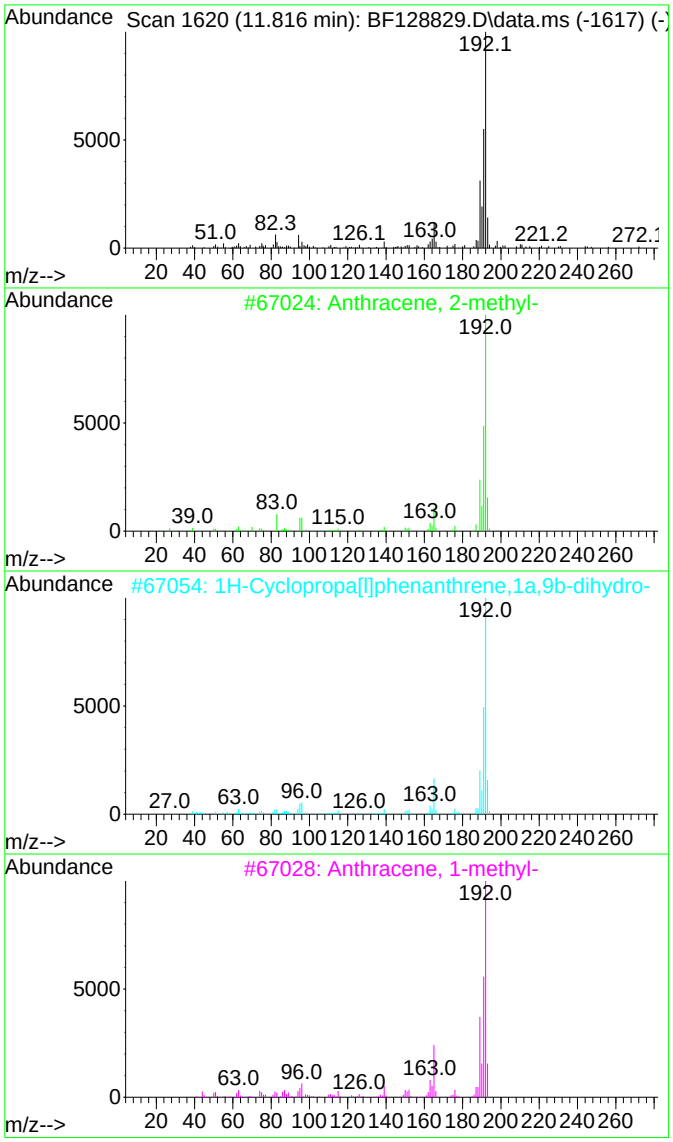
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

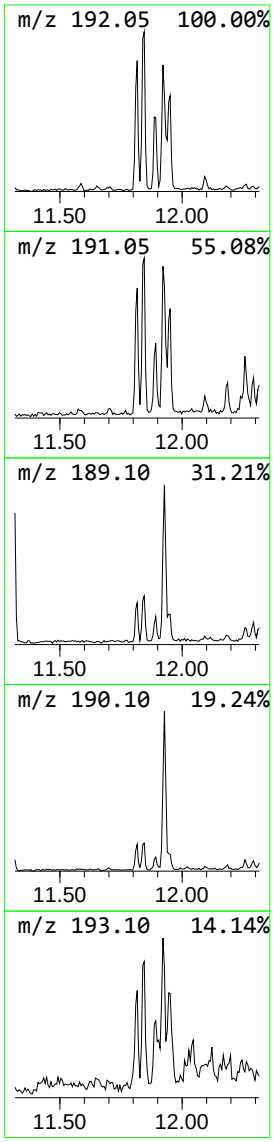
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.816	3.25 ng	88424	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	89
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81





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Operator : CG\JU
Sample : N3347-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

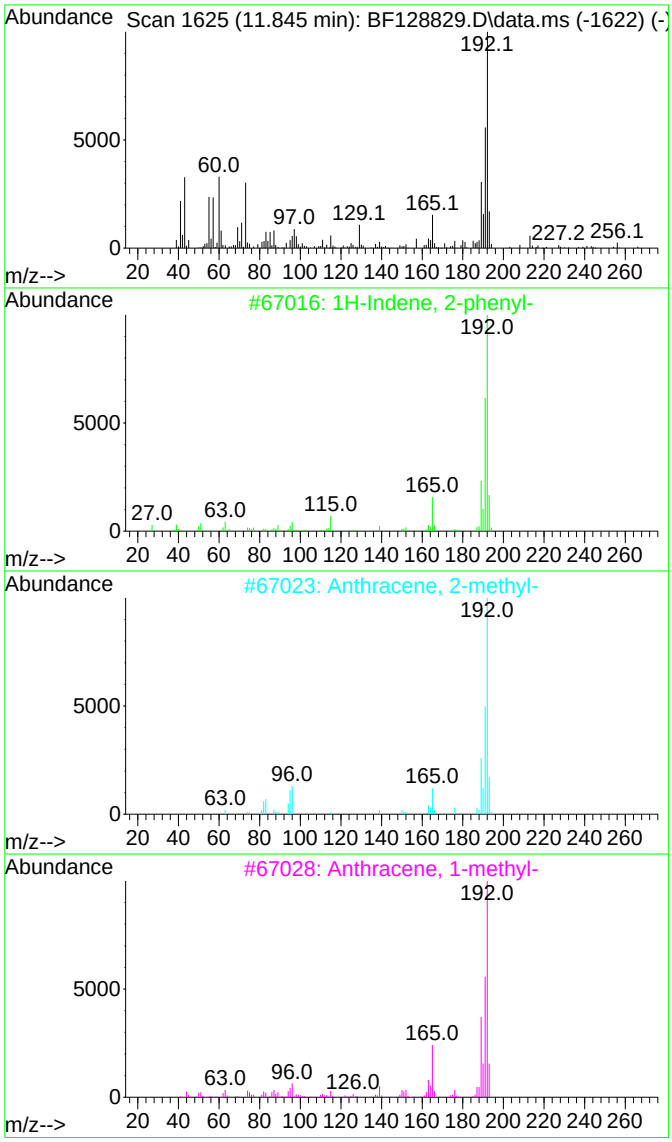
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

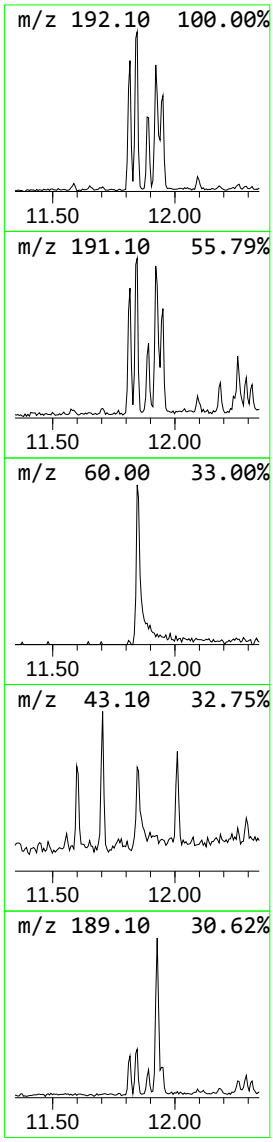
****

Peak Number 7 1H-Indene, 2-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	9.40 ng	256026	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91





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Misc :
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ClientSampleId :
CL-02-061422

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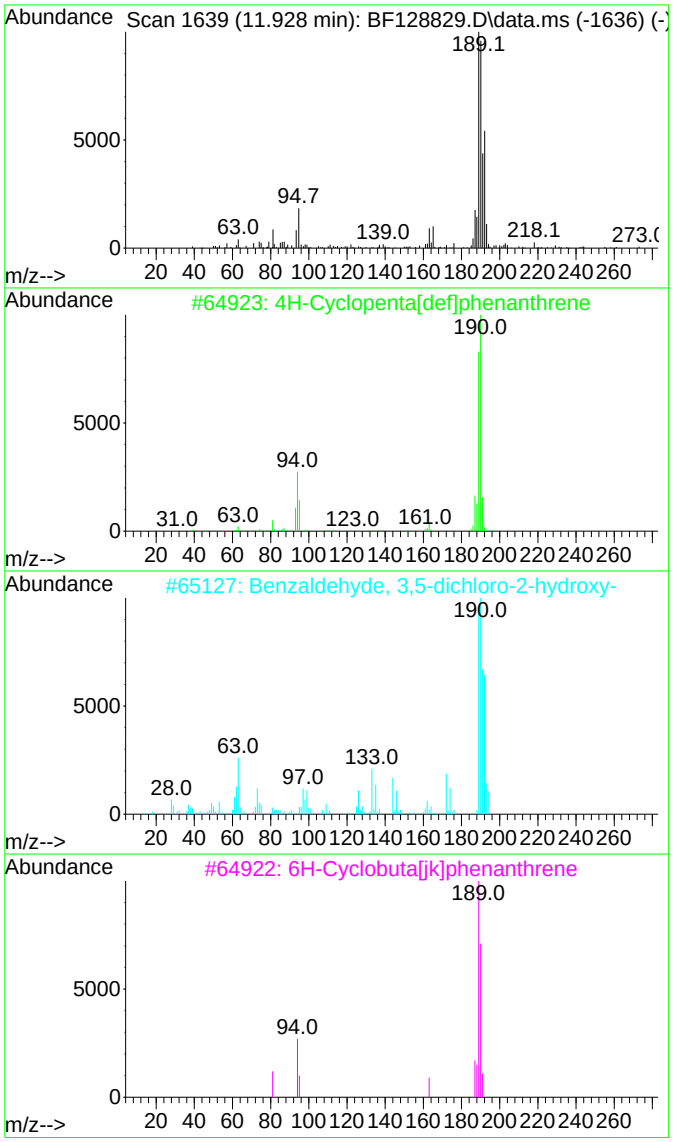
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

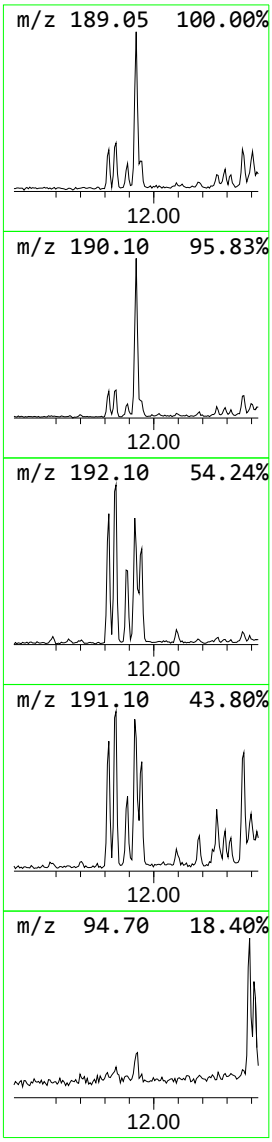
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.928	6.44 ng	175320	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	1-(9-Phenanthrenyl)-2-propanol	236	C17H16O	1000326-09-0	27
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25





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

TIC Library : C:\Database\NIST20.L
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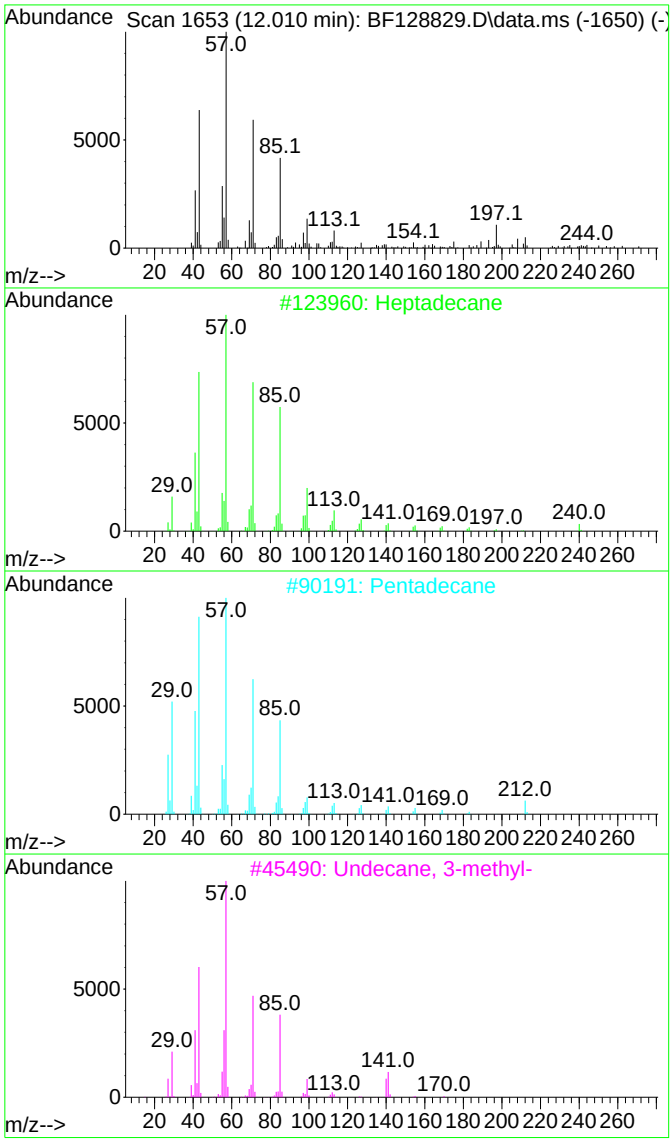
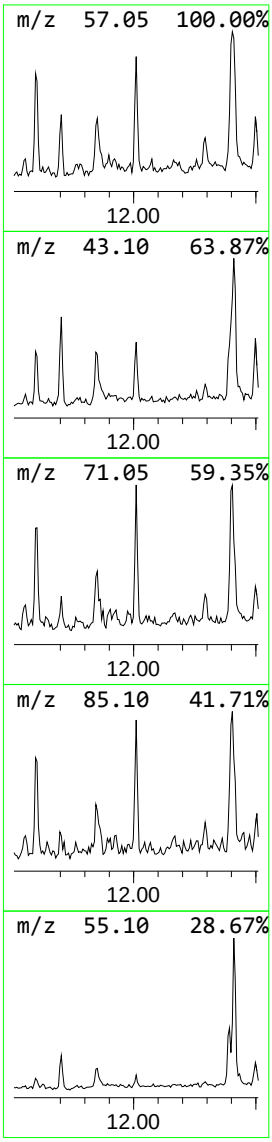
****

Peak Number 9 Undecane, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	2.74 ng	74629	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	81
2	Pentadecane	212	C15H32	000629-62-9	72
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	72
4	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	72
5	Heneicosane	296	C21H44	000629-94-7	64





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Misc :
ALS Vial : 12 Sample Multiplier: 1

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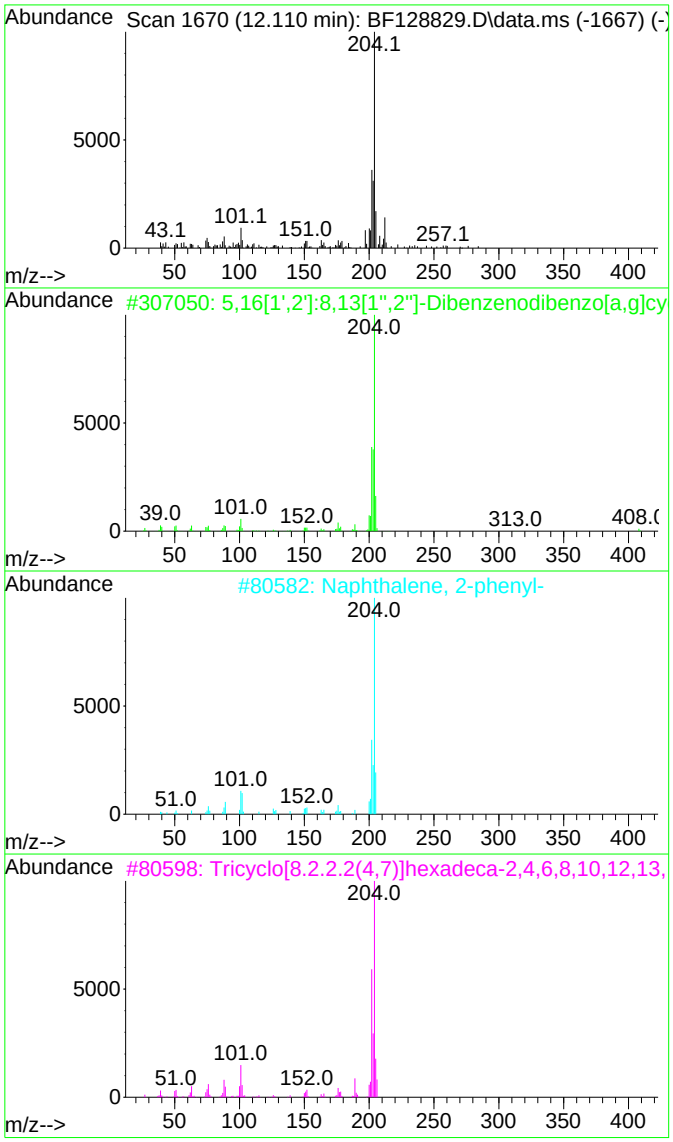
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

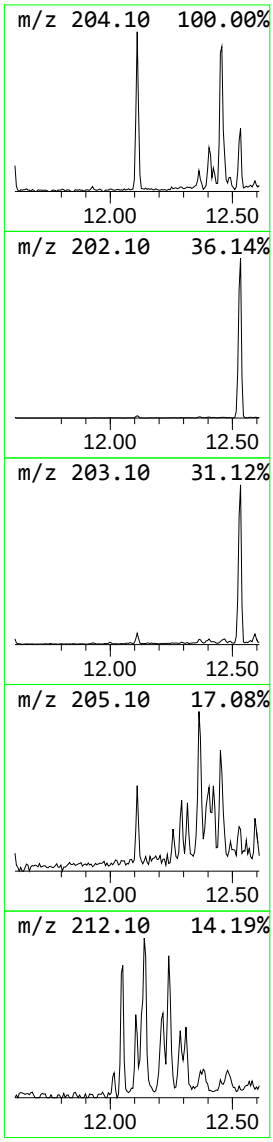
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.110	2.58 ng	70167	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
4	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	52
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	52





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ALS Vial : 12 Sample Multiplier: 1

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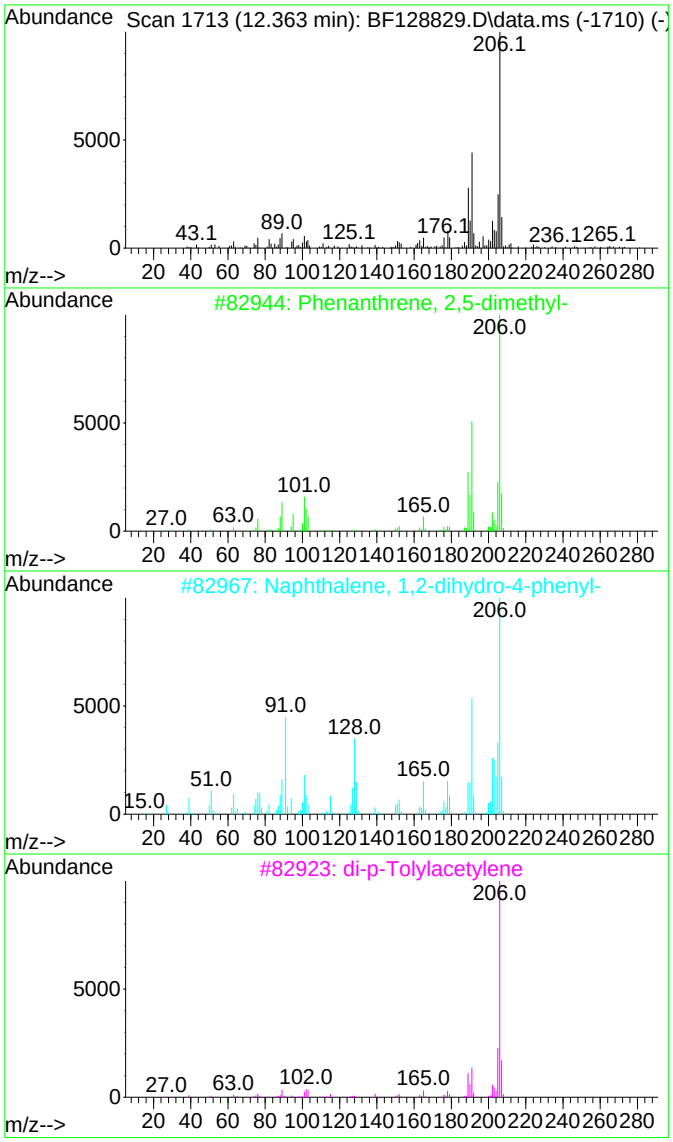
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

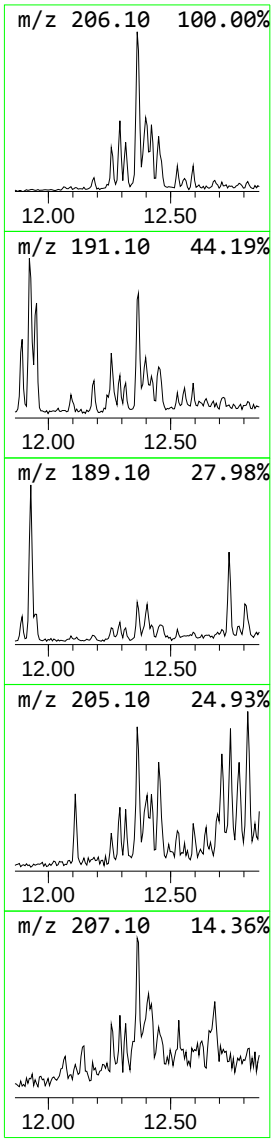
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.363	3.95 ng	107626	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	81





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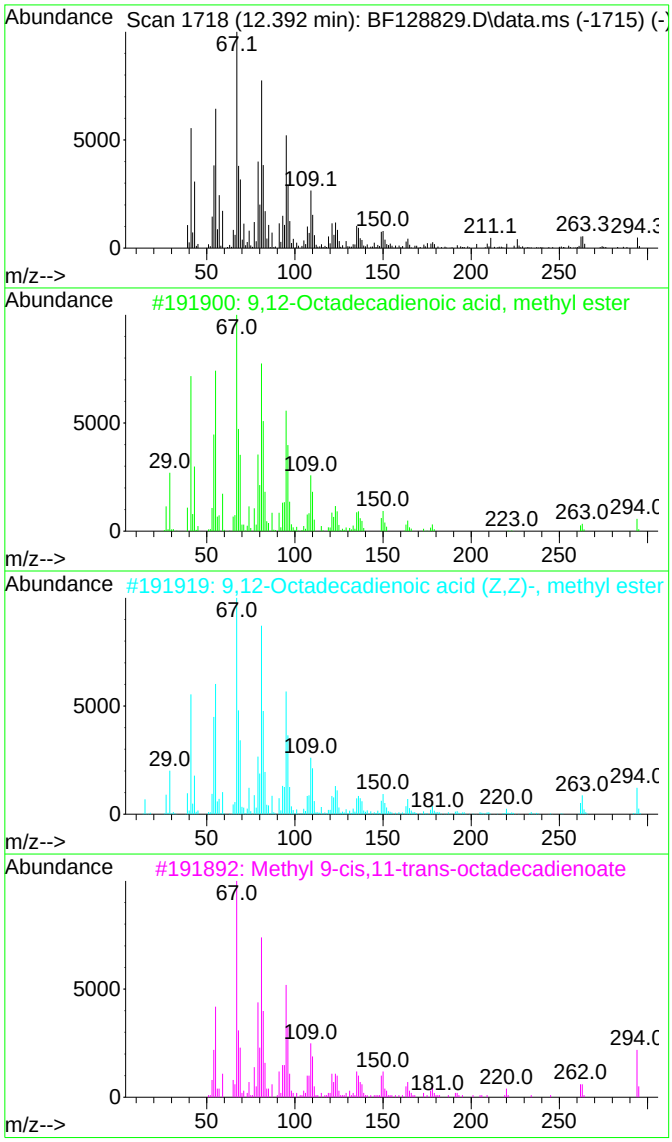
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

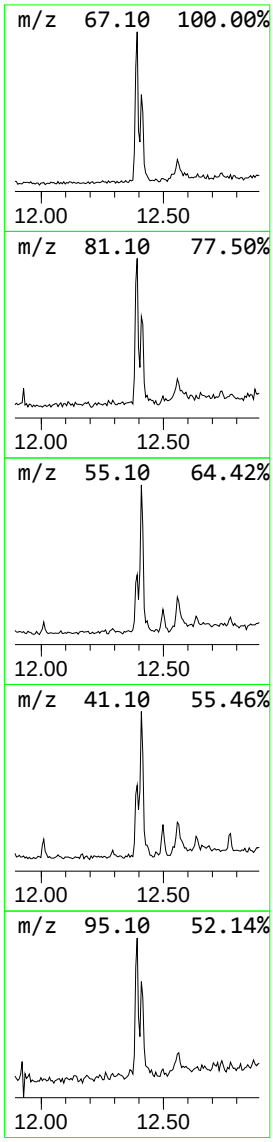
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 9,12-Octadecadienoic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.392	14.30 ng	389361	Phenanthrene-d10	11.310

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	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	98
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	97





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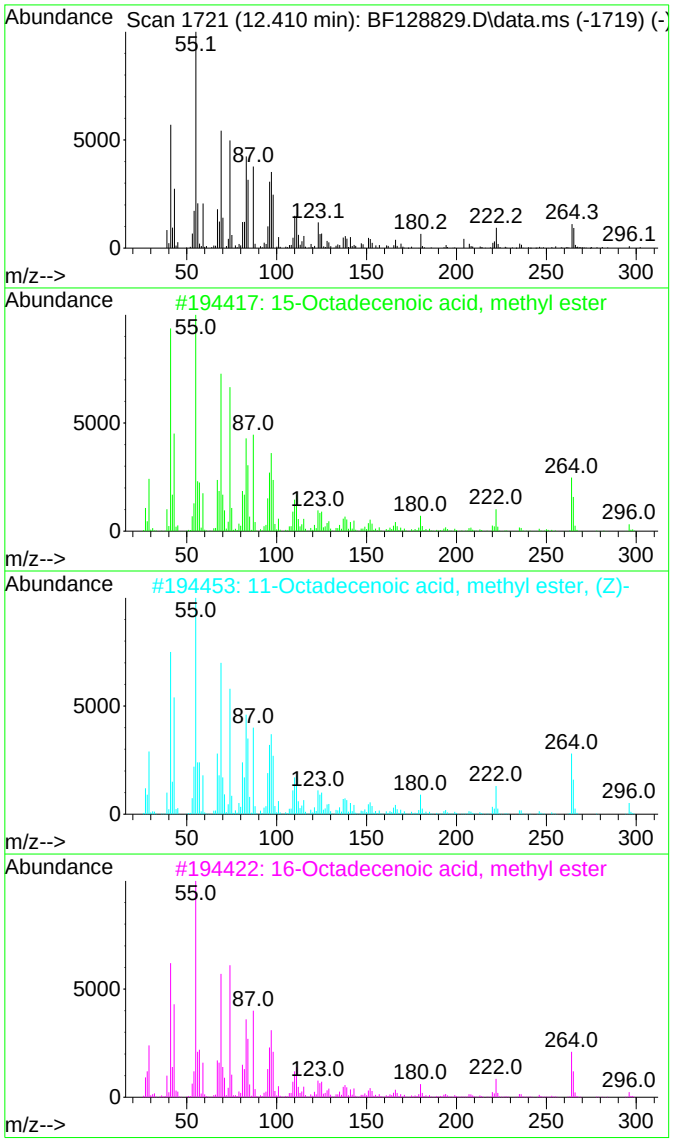
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

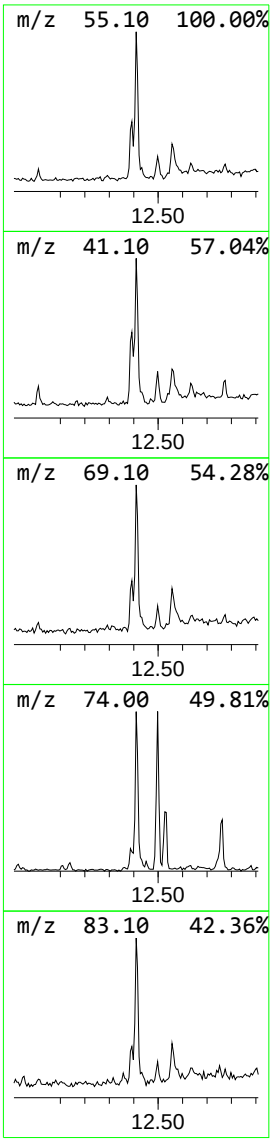
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 15-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	23.71 ng	645502	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	95
2	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	94
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	93
4	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	91
5	7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	91





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TIC Library : C:\Database\NIST20.L
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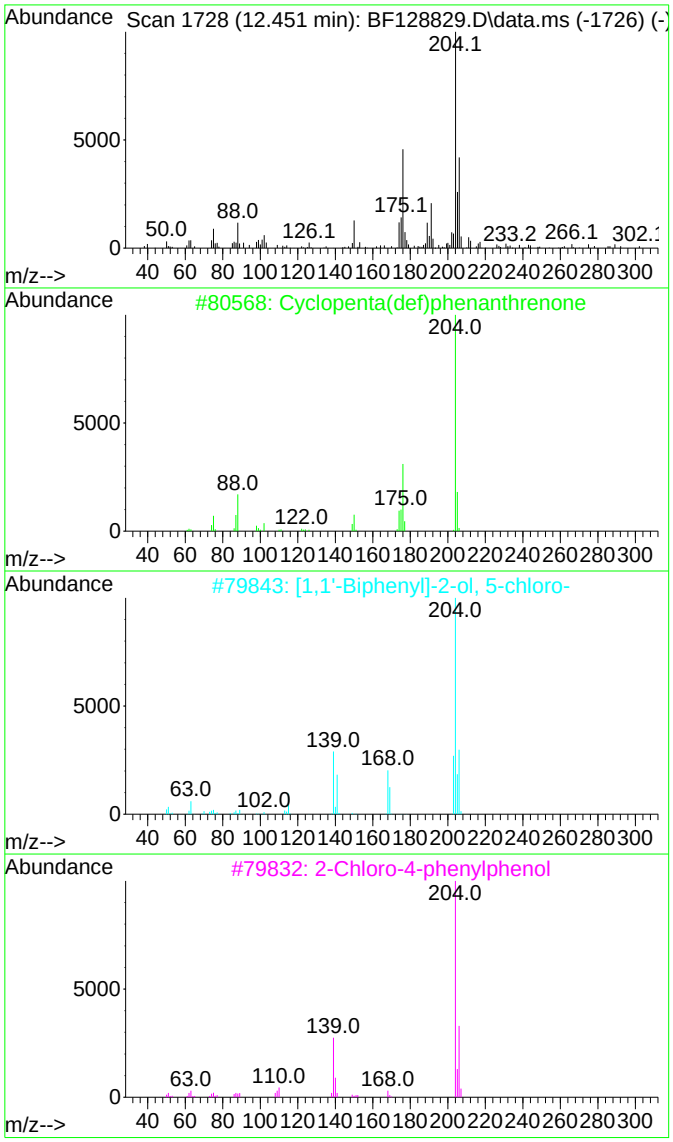
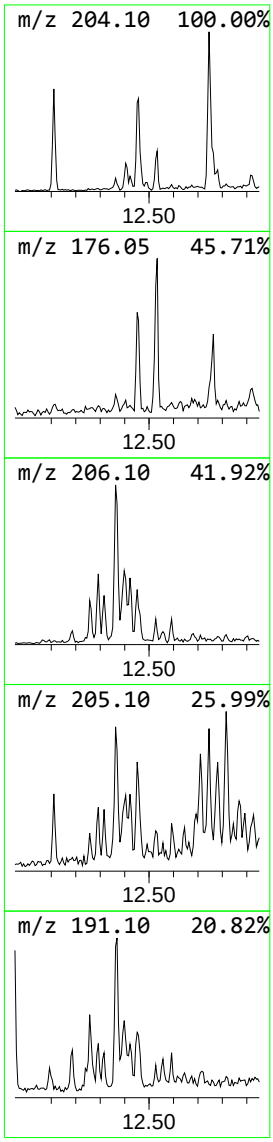
****
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	2.71 ng	73673	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	70
2	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
3	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
4	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	43
5	1-(4-Methoxyphenyl)-5-methyl-2,3...	204	C11H12N2O2	014058-90-3	38





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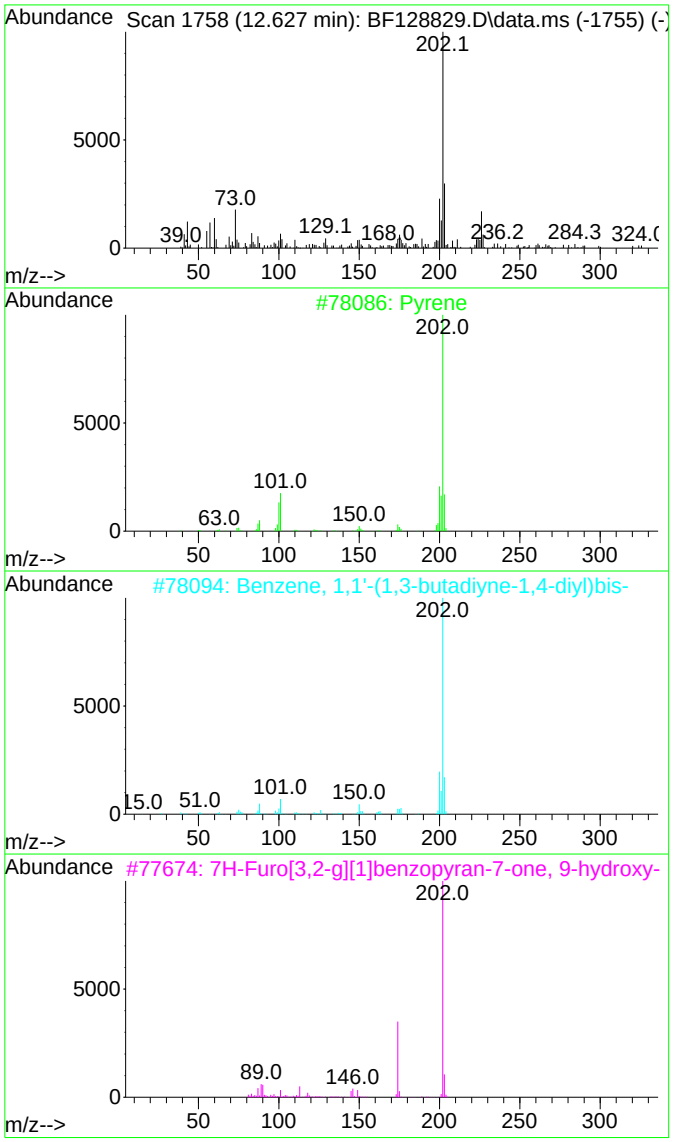
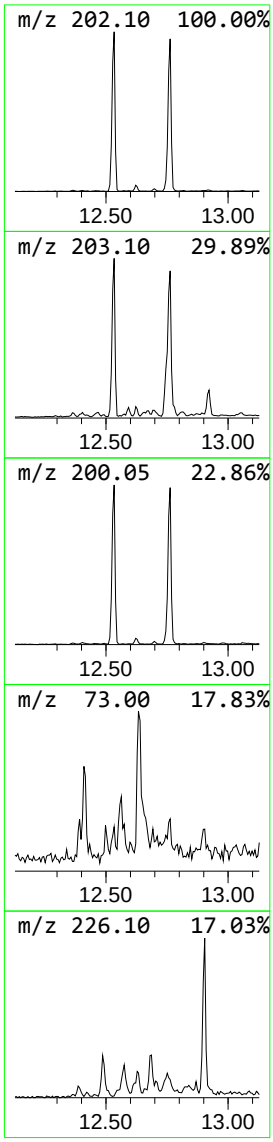
****
Peak Number 15 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.628	3.77 ng	102507	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene	202	C16H10	000129-00-0	60
2	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	55
3	7H-Furo[3,2-g][1]benzopyran-7-on...	202	C11H6O4	002009-24-7	49
4	Fluoranthene	202	C16H10	000206-44-0	49
5	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	46





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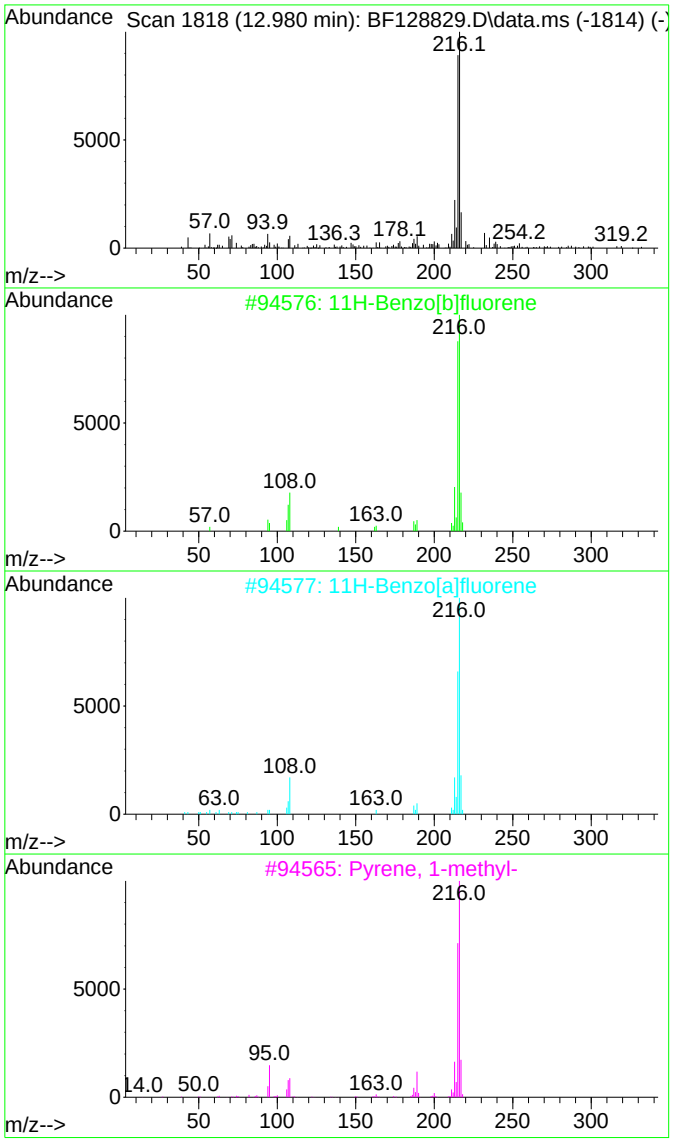
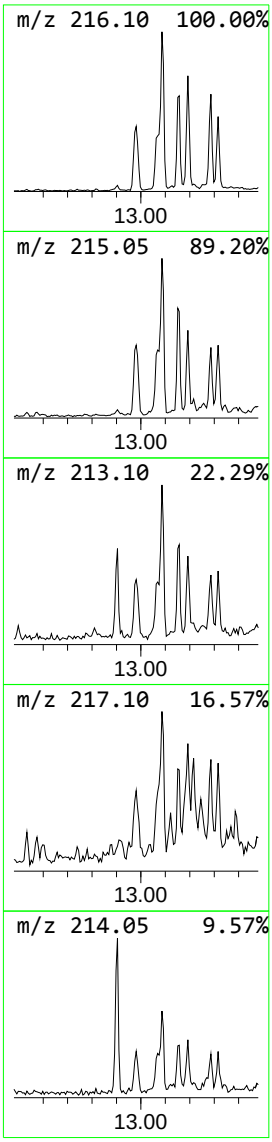
****

Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.980	3.13 ng	182233	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68





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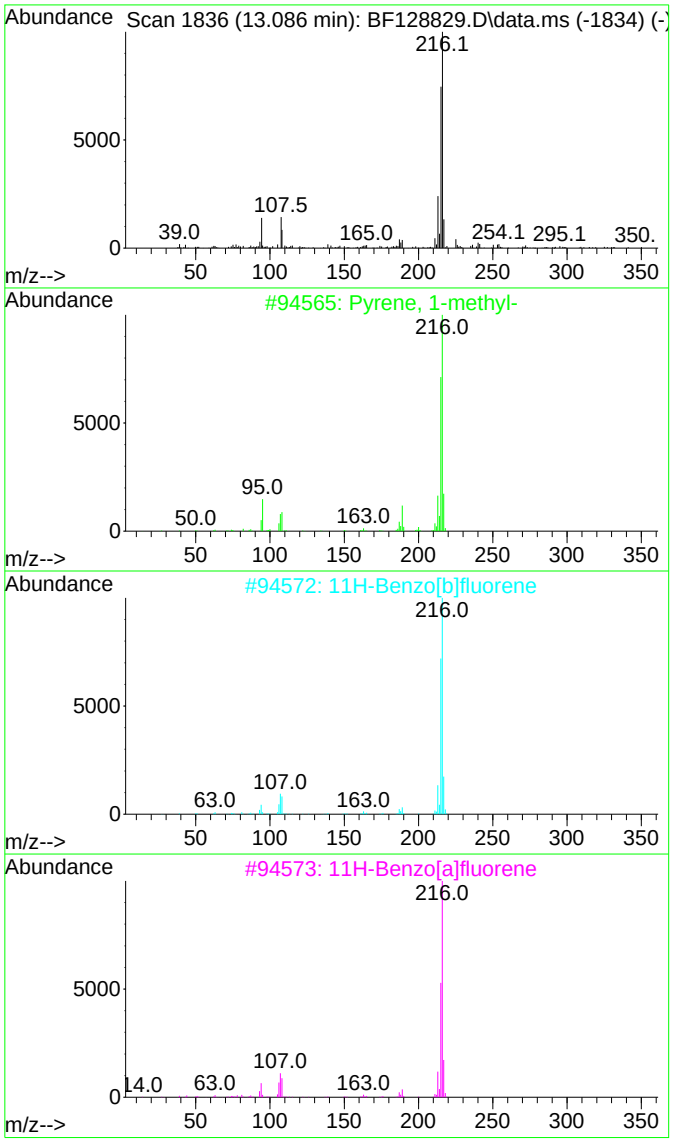
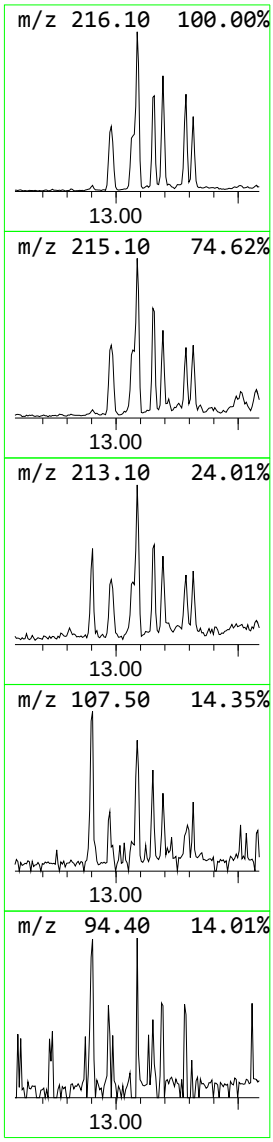
****

Peak Number 17 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.086	3.37 ng	196279	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76





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Data File : BF128829.D
Acq On : 15 Jun 2022 16:52
Operator : CG\JU
Sample : N3347-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-061422

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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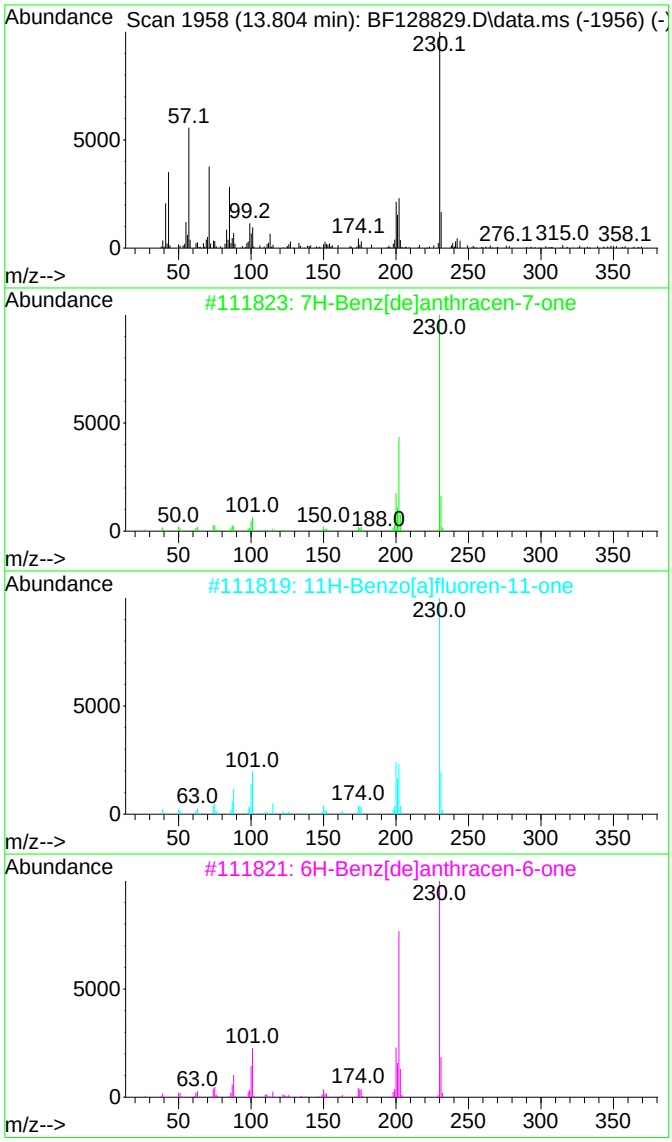
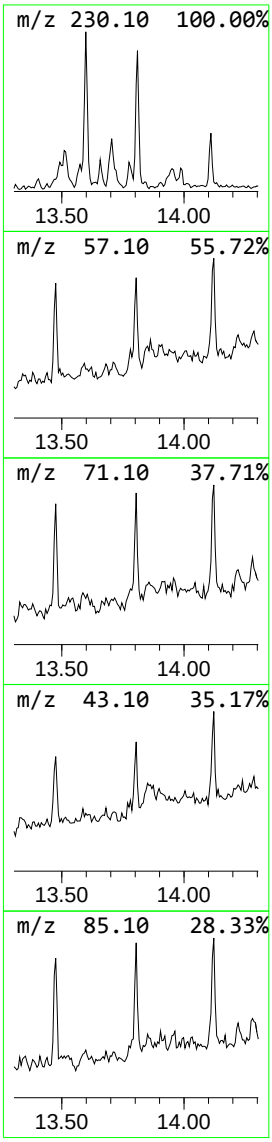
Peak Number 18 7H-Benz[de]anthracen-7-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.804	2.94 ng	171252	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	62
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	53
4	Naphthacene, 5,12-dihydro-	230	C18H14	000959-02-4	43
5	4-tert-Butylaniline, N-trifluoro...	245	C12H14F3NO	1000467-11-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
Data File : BF128829.D
Acq On : 15 Jun 2022 16:52
Operator : CG\JU
Sample : N3347-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-061422

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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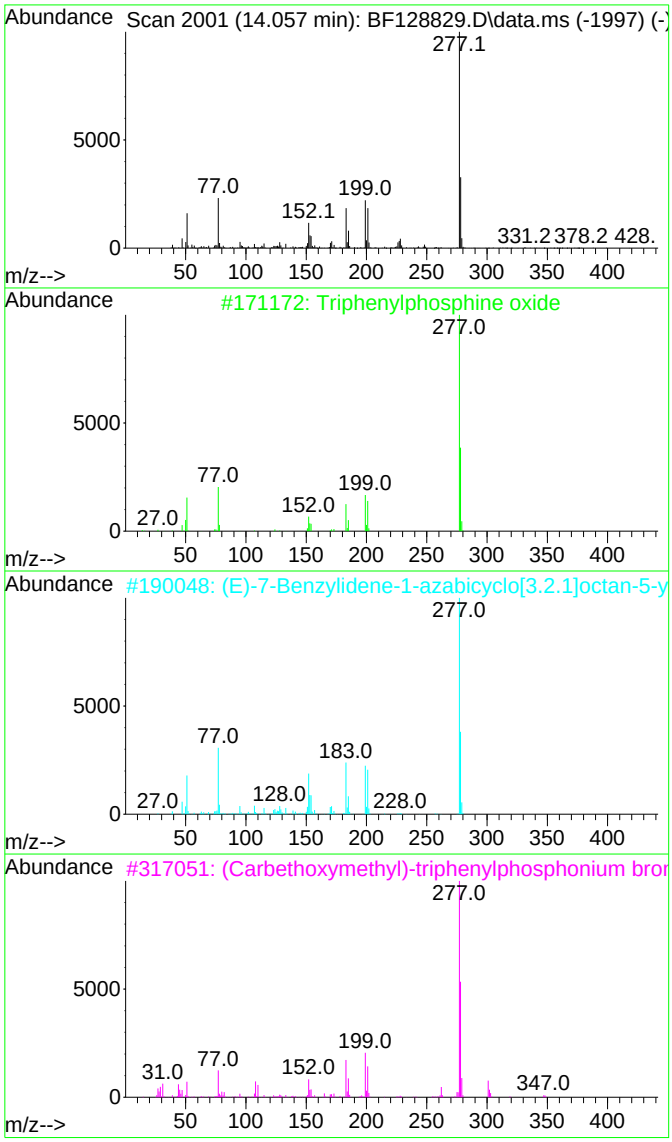
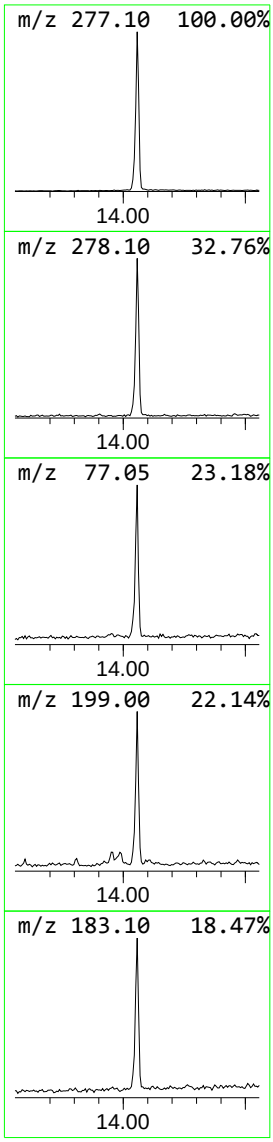
Peak Number 19 Triphenylphosphine oxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.057	10.55 ng	613951	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	95
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	52
3	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	50
4	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	47
5	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
Data File : BF128829.D
Acq On : 15 Jun 2022 16:52
Operator : CG\JU
Sample : N3347-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-061422

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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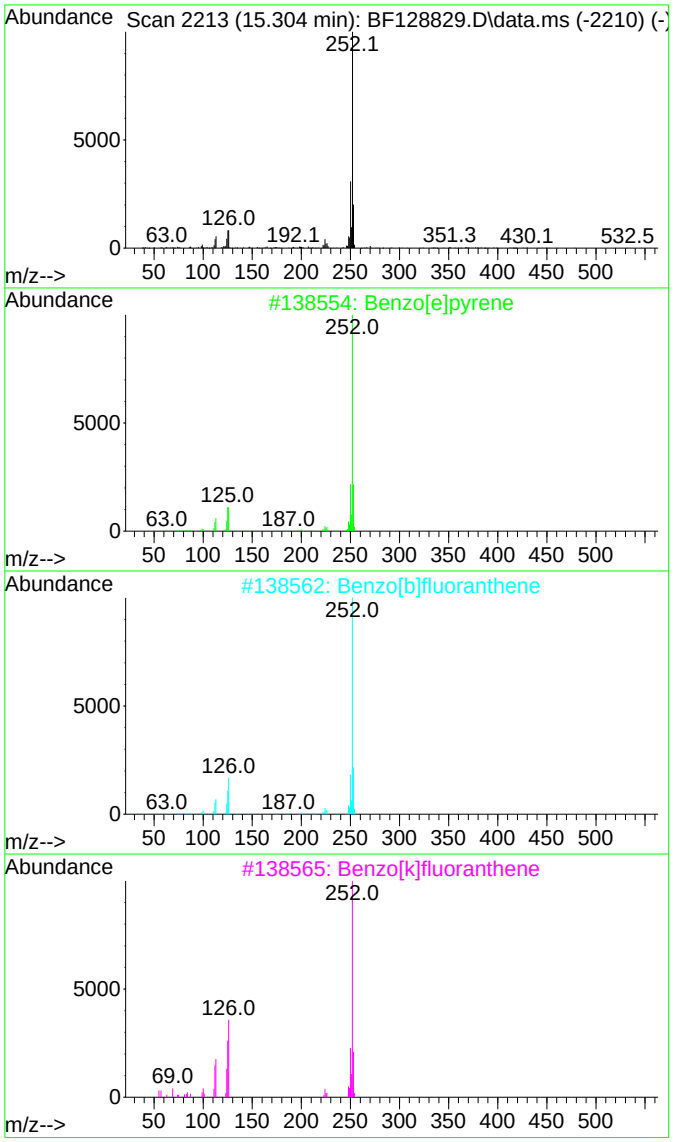
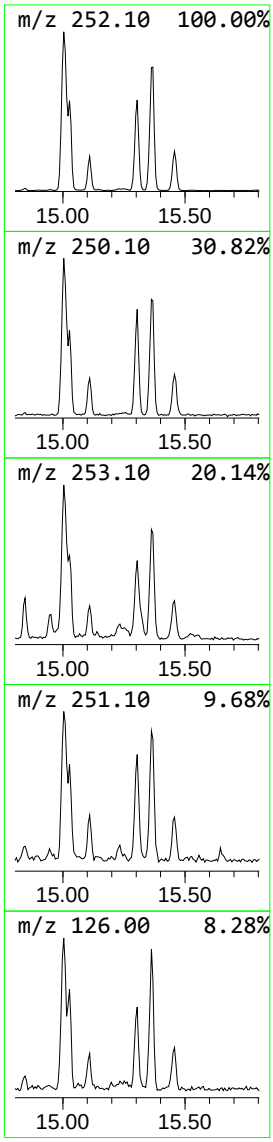
Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.304	26.45 ng	442251	Perylene-d12	15.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89
5	Benzo[a]pyrene	252	C20H12	000050-32-8	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
Data File : BF128829.D
Acq On : 15 Jun 2022 16:52
Operator : CG\JU
Sample : N3347-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-061422

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
Hexadecane, 2,6...	10.733	5.1	ng	138475	4	11.310	544490	20.0
Pentadecane	11.175	3.0	ng	80593	4	11.310	544490	20.0
Dibenzothiophene	11.204	3.5	ng	96746	4	11.310	544490	20.0
Heptadecane	11.604	2.9	ng	77617	4	11.310	544490	20.0
Hexadecanoic ac...	11.704	6.6	ng	179811	4	11.310	544490	20.0
Anthracene, 2-m...	11.816	3.3	ng	88424	4	11.310	544490	20.0
1H-Indene, 2-ph...	11.845	9.4	ng	256026	4	11.310	544490	20.0
4H-Cyclopenta[d...	11.928	6.4	ng	175320	4	11.310	544490	20.0
Undecane, 3-met...	12.010	2.7	ng	74629	4	11.310	544490	20.0
5,16[1',2']:8,1...	12.110	2.6	ng	70167	4	11.310	544490	20.0
Phenanthrene, 2...	12.363	4.0	ng	107626	4	11.310	544490	20.0
9,12-Octadecadi...	12.392	14.3	ng	389361	4	11.310	544490	20.0
15-Octadecenoic...	12.410	23.7	ng	645502	4	11.310	544490	20.0
Cyclopenta(def)...	12.451	2.7	ng	73673	4	11.310	544490	20.0
Benzene, 1,1'-(...	12.628	3.8	ng	102507	4	11.310	544490	20.0
11H-Benzo[b]flu...	12.980	3.1	ng	182233	5	13.963	1163720	20.0
Pyrene, 1-methyl-	13.086	3.4	ng	196279	5	13.963	1163720	20.0
7H-Benz[de]anth...	13.804	2.9	ng	171252	5	13.963	1163720	20.0
Triphenylphosph...	14.057	10.6	ng	613951	5	13.963	1163720	20.0
Benzo[e]pyrene	15.304	26.4	ng	442251	6	15.427	334409	20.0