LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
Data File : BF138559.D
Acq On : 12 Jul 2024 21:39
Operator : CG\JU
Sample : P3211-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-07102024

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-BF070924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138559.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.122	3	6	12	rVB	629122	749741	52.33%	4.000%
2	5.069	505	507	512	rVB	36600	37570	2.62%	0.200%
3	5.487	575	578	594	rVB	623184	574830	40.12%	3.067%
4	6.498	746	750	759	rBV	666660	550164	38.40%	2.935%
5	6.869	809	813	816	rBV	820559	717132	50.05%	3.826%
6	7.422	904	907	911	rBV	389283	318062	22.20%	1.697%
7	8.145	1027	1030	1033	rBV	954309	797235	55.64%	4.253%
8	8.733	1127	1130	1133	rVB2	20359	16020	1.12%	0.085%
9	8.857	1149	1151	1155	rVB	39849	31385	2.19%	0.167%
10	8.957	1164	1168	1173	rBV2	37023	37849	2.64%	0.202%
11	9.098	1188	1192	1196	rBV5	10270	15154	1.06%	0.081%
12	9.222	1209	1213	1216	rBV	638329	531578	37.10%	2.836%
13	9.298	1223	1226	1228	rBV	50942	41430	2.89%	0.221%
14	9.486	1254	1258	1262	rBV3	20627	28408	1.98%	0.152%
15	9.557	1268	1270	1273	rBV	39949	33272	2.32%	0.177%
16	9.616	1276	1280	1283	rBV3	29790	32752	2.29%	0.175%
17	9.675	1288	1290	1293	rBV2	27755	18585	1.30%	0.099%
18	9.763	1302	1305	1308	rBV2	62044	54978	3.84%	0.293%
19	9.827	1314	1316	1318	rVB	68636	48628	3.39%	0.259%
20	9.898	1325	1328	1332	rVB	745431	640220	44.68%	3.415%
21	9.933	1332	1334	1337	rVB	56140	40238	2.81%	0.215%
22	9.998	1342	1345	1351	rVB6	19815	27529	1.92%	0.147%
23	10.057	1351	1355	1358	rBV5	20629	33528	2.34%	0.179%
24	10.104	1361	1363	1367	rVB	49734	43064	3.01%	0.230%
25	10.145	1367	1370	1374	rBV3	36663	42550	2.97%	0.227%
26	10.186	1374	1377	1379	rVB	17594	15928	1.11%	0.085%
27	10.216	1379	1382	1384	rBV	38336	41810	2.92%	0.223%
28	10.304	1394	1397	1398	rBV3	25485	23362	1.63%	0.125%
29	10.327	1398	1401	1403	rVV	127893	107564	7.51%	0.574%
30	10.357	1403	1406	1408	rVB3	19444	19325	1.35%	0.103%
31	10.445	1418	1421	1427	rBV	80697	77132	5.38%	0.411%
32	10.545	1434	1438	1443	rVB2	60279	89488	6.25%	0.477%
33	10.598	1445	1447	1450	rVB2	34709	33333	2.33%	0.178%
34	10.627	1450	1452	1456	rBV2	16895	16730	1.17%	0.089%
35	10.663	1456	1458	1459	rBV2	27254	21874	1.53%	0.117%
36	10.686	1459	1462	1466	rVB	338417	265069	18.50%	1.414%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
Data File : BF138559.D
Acq On : 12 Jul 2024 21:39
Operator : CG\JU
Sample : P3211-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-07102024

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-BF070924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.798	1478	1481	1489	rBV	212057	270644	18.89%	1.444%
38	10.992	1511	1514	1517	rBV4	53381	57669	4.02%	0.308%
39	11.022	1517	1519	1522	rVB2	51769	44147	3.08%	0.236%
40	11.057	1522	1525	1527	rBV4	22017	23645	1.65%	0.126%
41	11.080	1527	1529	1531	rVB2	35181	26897	1.88%	0.143%
42	11.122	1534	1536	1538	rBV2	32697	24131	1.68%	0.129%
43	11.192	1545	1548	1551	rVB2	28731	25406	1.77%	0.136%
44	11.245	1554	1557	1560	rVV	240296	197410	13.78%	1.053%
45	11.280	1560	1563	1568	rVB2	141033	162153	11.32%	0.865%
46	11.333	1570	1572	1575	rVB2	22883	19509	1.36%	0.104%
47	11.386	1577	1581	1583	rBV	1011750	815832	56.94%	4.352%
48	11.410	1583	1585	1588	rVV	764589	581590	40.59%	3.103%
49	11.463	1591	1594	1596	rVB	183475	146669	10.24%	0.782%
50	11.492	1596	1599	1602	rBV2	46716	45969	3.21%	0.245%
51	11.521	1602	1604	1606	rVV2	21810	18037	1.26%	0.096%
52	11.557	1608	1610	1614	rVB3	36671	37041	2.59%	0.198%
53	11.598	1614	1617	1618	rBV2	42024	43366	3.03%	0.231%
54	11.621	1618	1621	1627	rVB3	50121	70832	4.94%	0.378%
55	11.674	1627	1630	1633	rBV2	251621	206977	14.45%	1.104%
56	11.716	1635	1637	1643	rVB3	52807	53308	3.72%	0.284%
57	11.774	1645	1647	1649	rVB	52037	34596	2.41%	0.185%
58	11.798	1649	1651	1654	rBV	19509	18753	1.31%	0.100%
59	11.839	1655	1658	1663	rBV6	28494	37391	2.61%	0.199%
60	11.886	1663	1666	1668	rVV	153174	135511	9.46%	0.723%
61	11.916	1668	1671	1676	rVV	213191	206969	14.45%	1.104%
62	11.963	1676	1679	1682	rVV2	71637	71884	5.02%	0.383%
63	11.998	1682	1685	1687	rVV	258706	257415	17.97%	1.373%
64	12.021	1687	1689	1692	rVB	130586	102995	7.19%	0.549%
65	12.080	1696	1699	1703	rBV	249575	202557	14.14%	1.081%
66	12.180	1714	1716	1719	rVV	112558	84068	5.87%	0.448%
67	12.210	1719	1721	1727	rVB3	68804	72105	5.03%	0.385%
68	12.327	1739	1741	1744	rVB	40318	29819	2.08%	0.159%
69	12.363	1744	1747	1749	rVB	72078	60852	4.25%	0.325%
70	12.386	1749	1751	1753	rVB2	37563	27897	1.95%	0.149%
71	12.433	1756	1759	1761	rBV	121834	124812	8.71%	0.666%
72	12.468	1761	1765	1771	rVB3	277605	408001	28.48%	2.177%
73	12.521	1771	1774	1778	rBV2	88774	92872	6.48%	0.495%
74	12.598	1784	1787	1791	rBV	1424071	1189960	83.05%	6.348%
75	12.751	1811	1813	1816	rVB	63481	50181	3.50%	0.268%
76	12.827	1820	1826	1832	rBV	1229074	1432778	100.00%	7.643%

LSC Area Percent Report

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Acq On : 12 Jul 2024 21:39
Operator : CG\JU
Sample : P3211-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-07102024

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-BF070924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.880	1832	1835	1839	rVB2	74781	98172	6.85%	0.524%
78	12.968	1844	1850	1856	rVB	594752	640541	44.71%	3.417%
79	13.045	1859	1863	1867	rBV2	103618	162617	11.35%	0.868%
80	13.098	1870	1872	1874	rBV3	38692	33451	2.33%	0.178%
81	13.127	1874	1877	1878	rBV3	77744	70257	4.90%	0.375%
82	13.151	1879	1881	1885	rVB	202608	190268	13.28%	1.015%
83	13.192	1886	1888	1890	rBV	88344	77229	5.39%	0.412%
84	13.221	1890	1893	1895	rVB	154306	115039	8.03%	0.614%
85	13.257	1896	1899	1902	rBV2	153149	148797	10.39%	0.794%
86	13.351	1912	1915	1918	rBV	96291	85938	6.00%	0.458%
87	13.380	1918	1920	1923	rVV	82079	67481	4.71%	0.360%
88	13.533	1944	1946	1949	rBV	63422	63681	4.44%	0.340%
89	13.774	1985	1987	1989	rVB	68694	51009	3.56%	0.272%
90	13.798	1989	1991	1994	rBV	56261	40989	2.86%	0.219%
91	13.868	2000	2003	2007	rVB2	127843	137071	9.57%	0.731%
92	14.021	2024	2029	2032	rBV2	764848	1086651	75.84%	5.797%
93	14.051	2032	2034	2039	rVB	471062	400395	27.95%	2.136%
94	14.127	2045	2047	2050	rBV	93060	79771	5.57%	0.426%
95	15.062	2203	2206	2209	rBV	326895	454820	31.74%	2.426%
96	15.368	2255	2258	2263	rVB	203044	248143	17.32%	1.324%
97	15.427	2265	2268	2274	rVB	288724	350319	24.45%	1.869%
98	15.492	2275	2279	2283	rBV	341193	456625	31.87%	2.436%

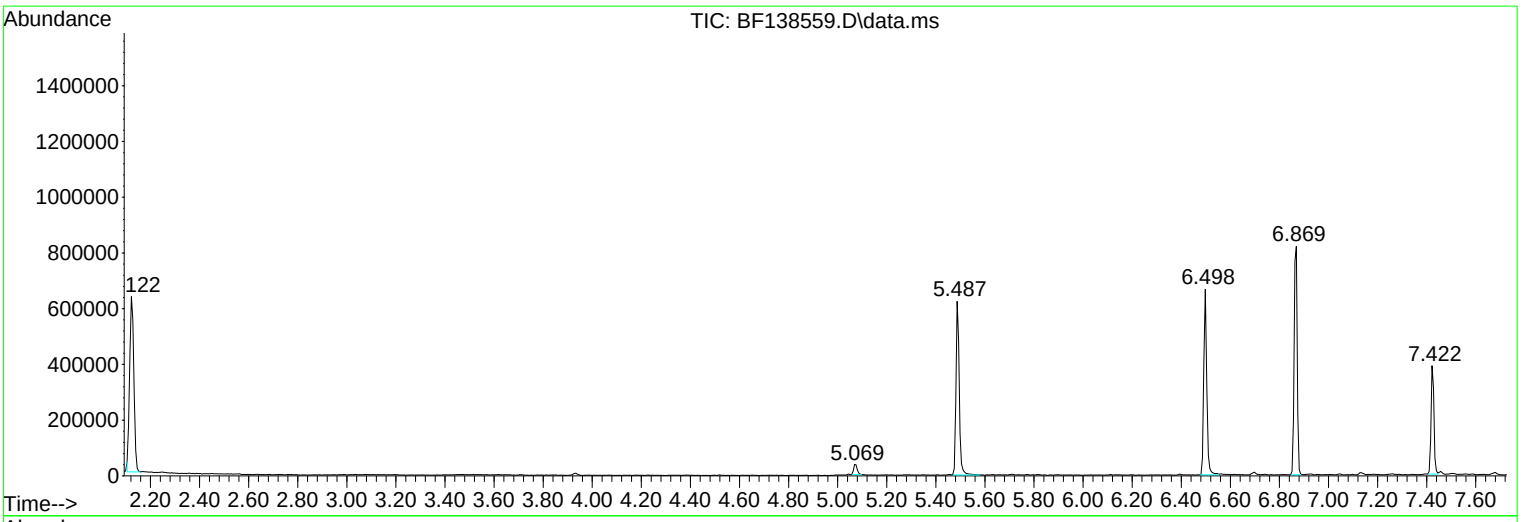
Sum of corrected areas: 18745429

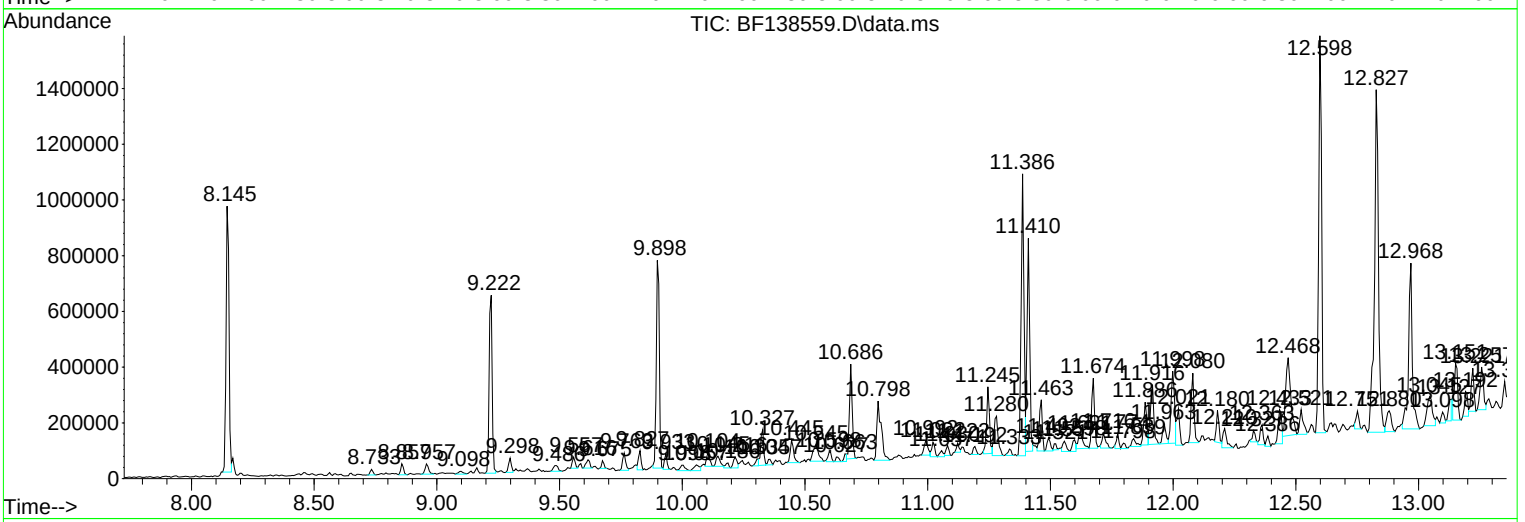
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
Data File : BF138559.D
Acq On : 12 Jul 2024 21:39
Operator : CG\JU
Sample : P3211-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

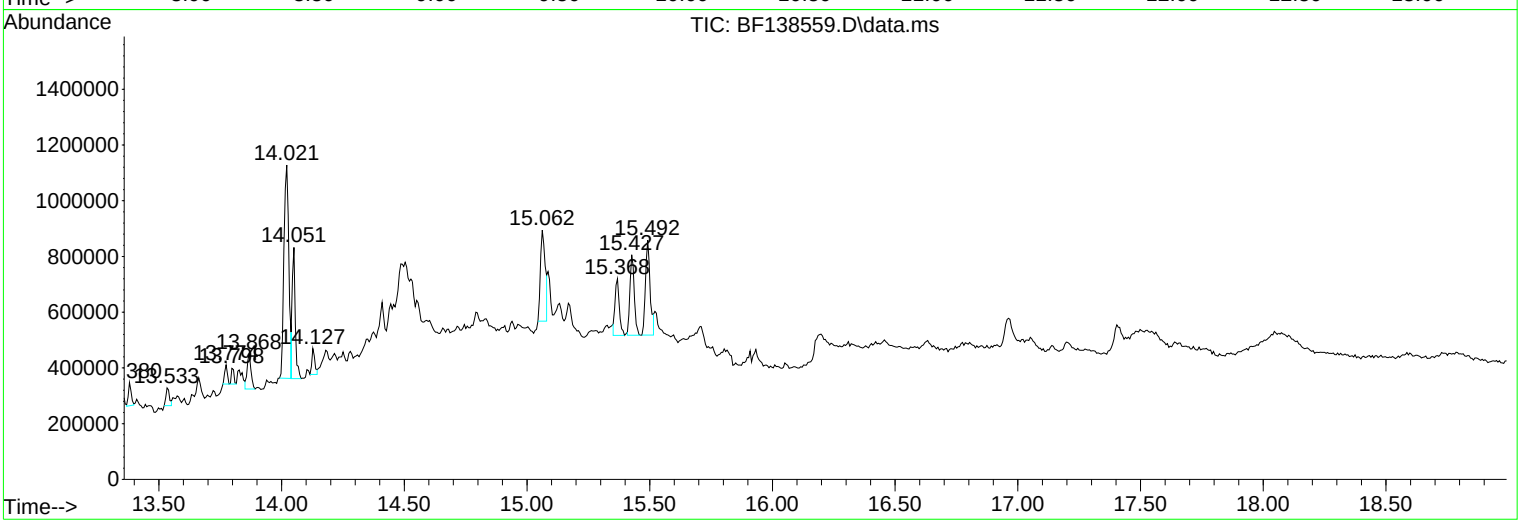
Instrument :
BNA_F
ClientSampleId :
TR-04-07102024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.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\BF071224\
Data File : BF138559.D
Acq On : 12 Jul 2024 21:39
Operator : CG\JU
Sample : P3211-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-07102024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

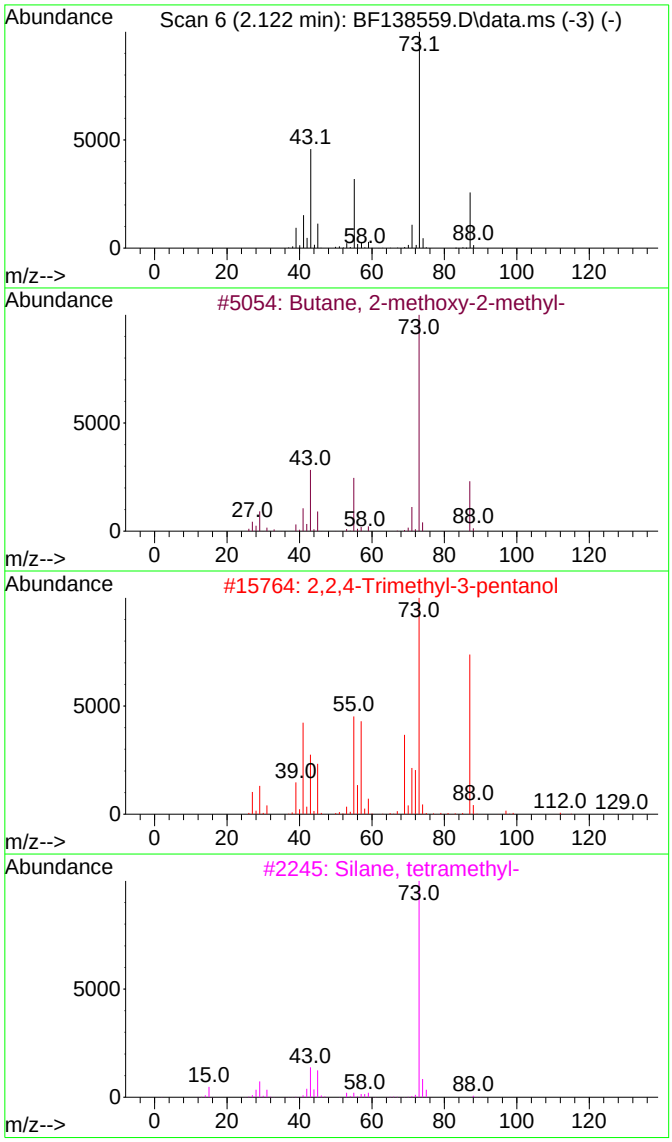
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

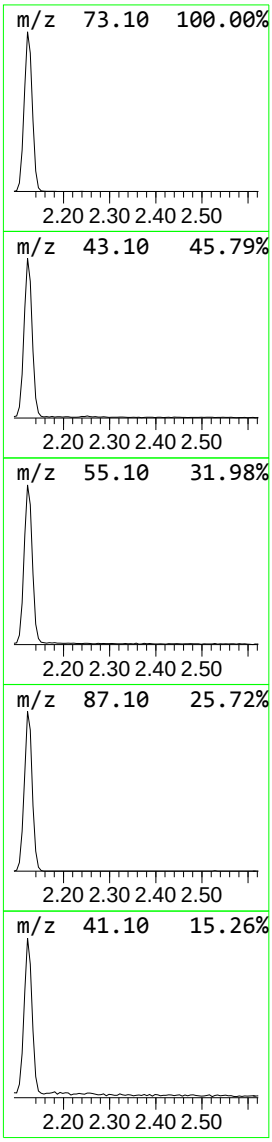
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.122	20.91 ng	749741	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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Data File : BF138559.D
Acq On : 12 Jul 2024 21:39
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Sample : P3211-01 5X
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Instrument :
BNA_F
ClientSampleId :
TR-04-07102024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

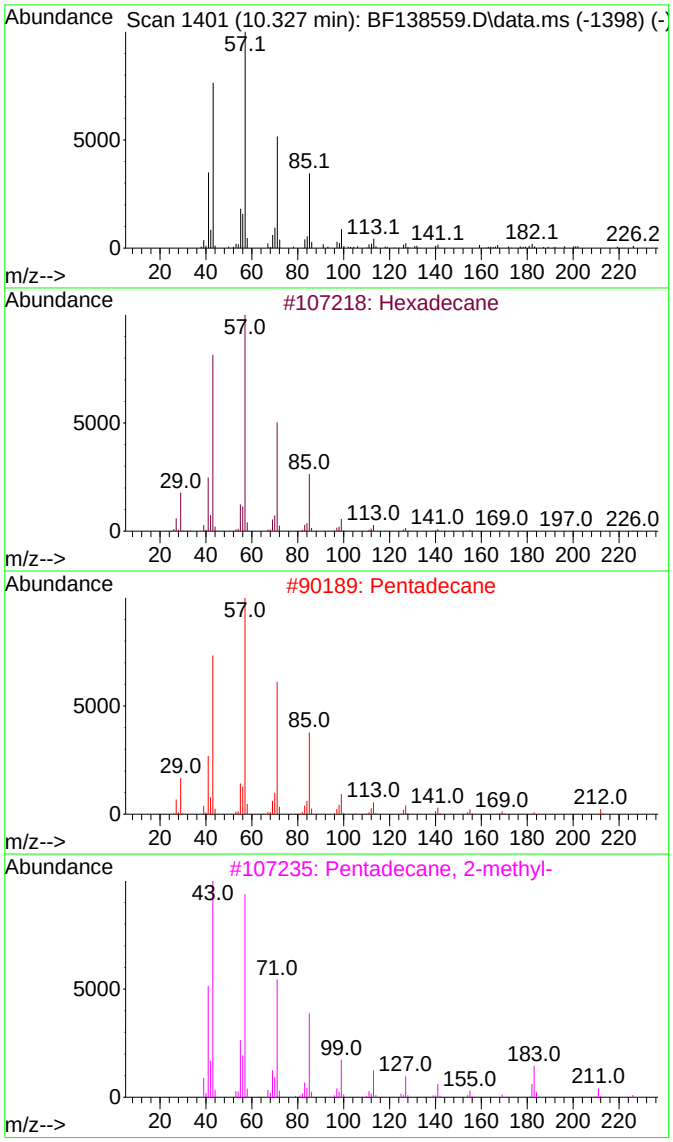
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

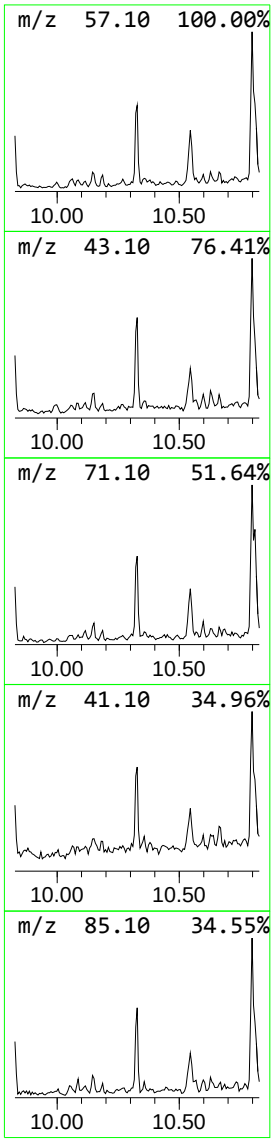
****

Peak Number 2 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.327	3.36 ng	107564	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Pentadecane	212	C15H32	000629-62-9	90
3	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
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Operator : CG\JU
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.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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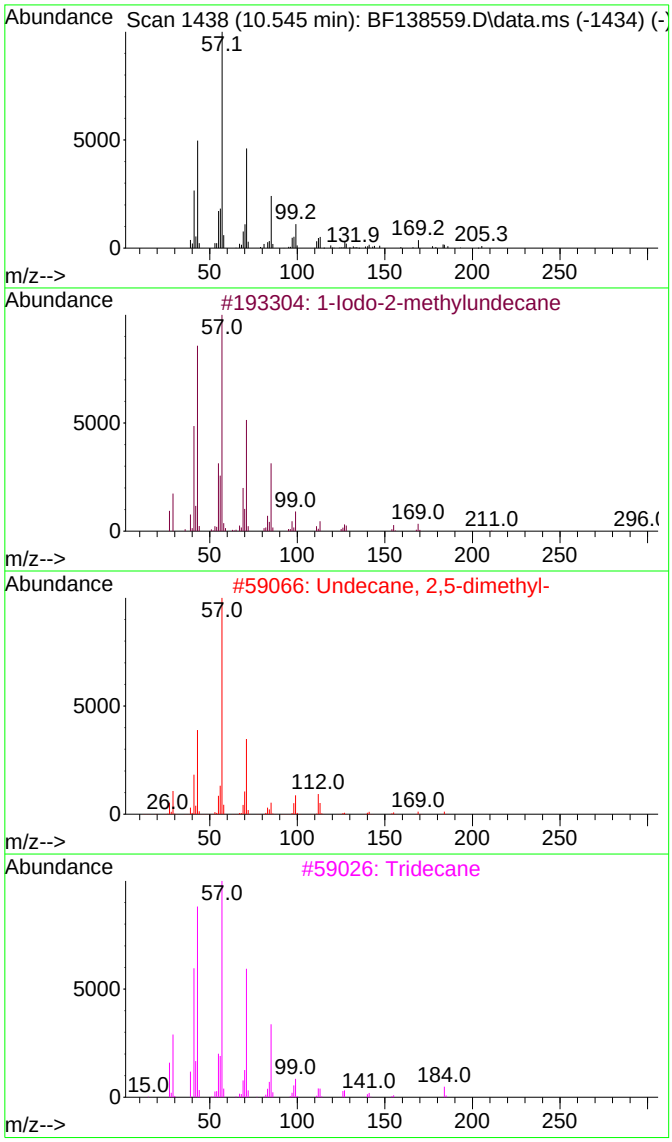
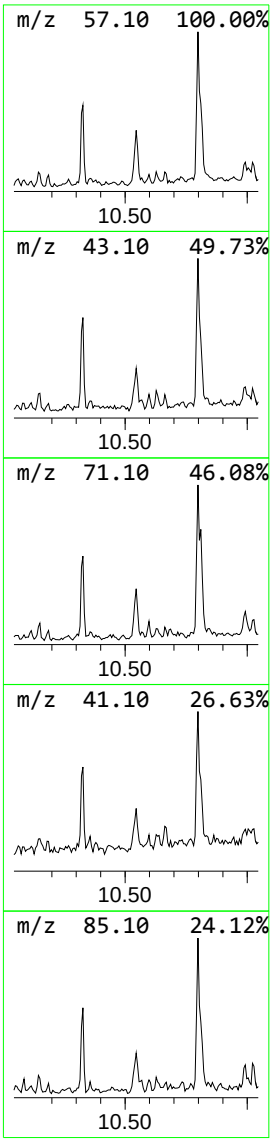
Peak Number 3 1-Iodo-2-methylundecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.545	2.80 ng	89488	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	78
2	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
3	Tridecane	184	C13H28	000629-50-5	74
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5	Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
Data File : BF138559.D
Acq On : 12 Jul 2024 21:39
Operator : CG\JU
Sample : P3211-01 5X
Misc :
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Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.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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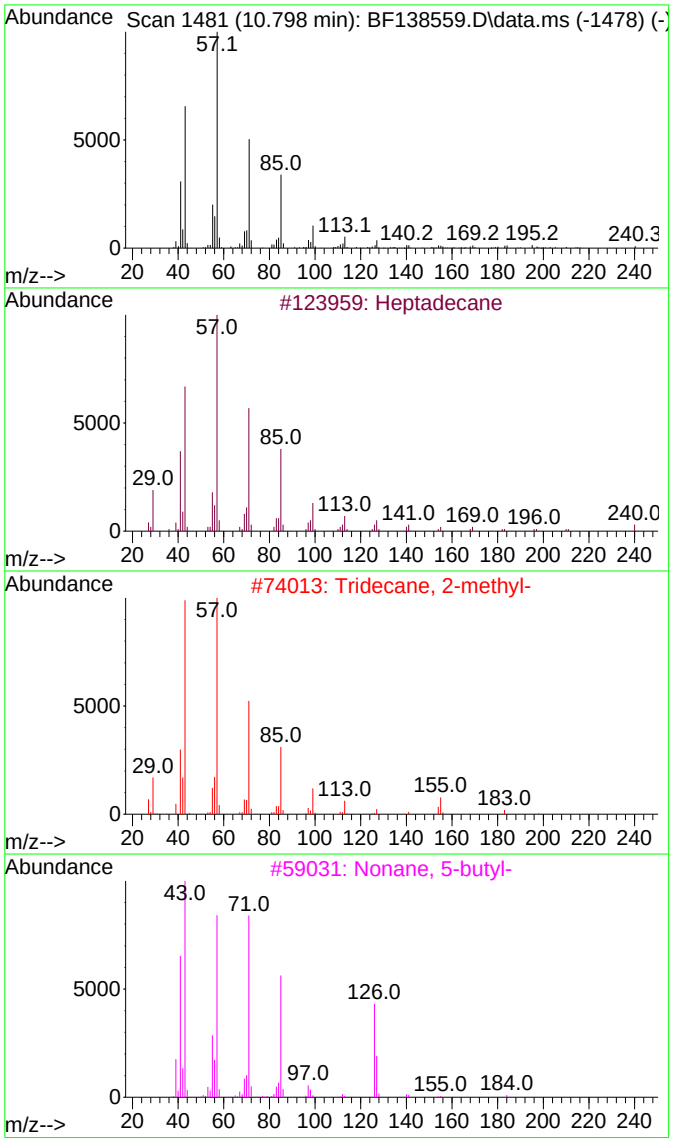
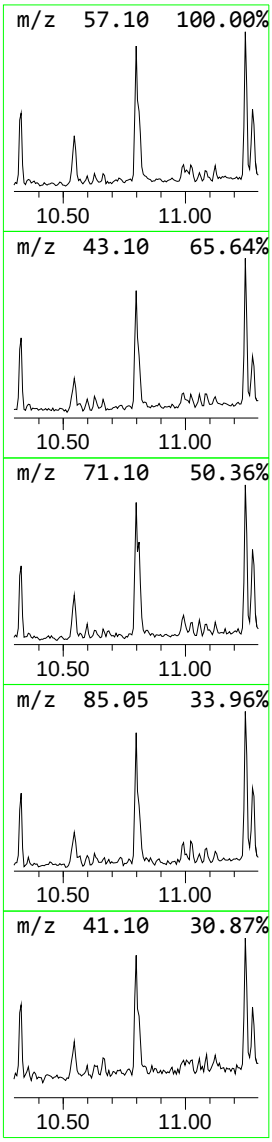
Peak Number 4 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.798	6.63 ng	270644	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	89
4	Eicosane	282	C20H42	000112-95-8	87
5	Nonadecane	268	C19H40	000629-92-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
Data File : BF138559.D
Acq On : 12 Jul 2024 21:39
Operator : CG\JU
Sample : P3211-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-07102024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

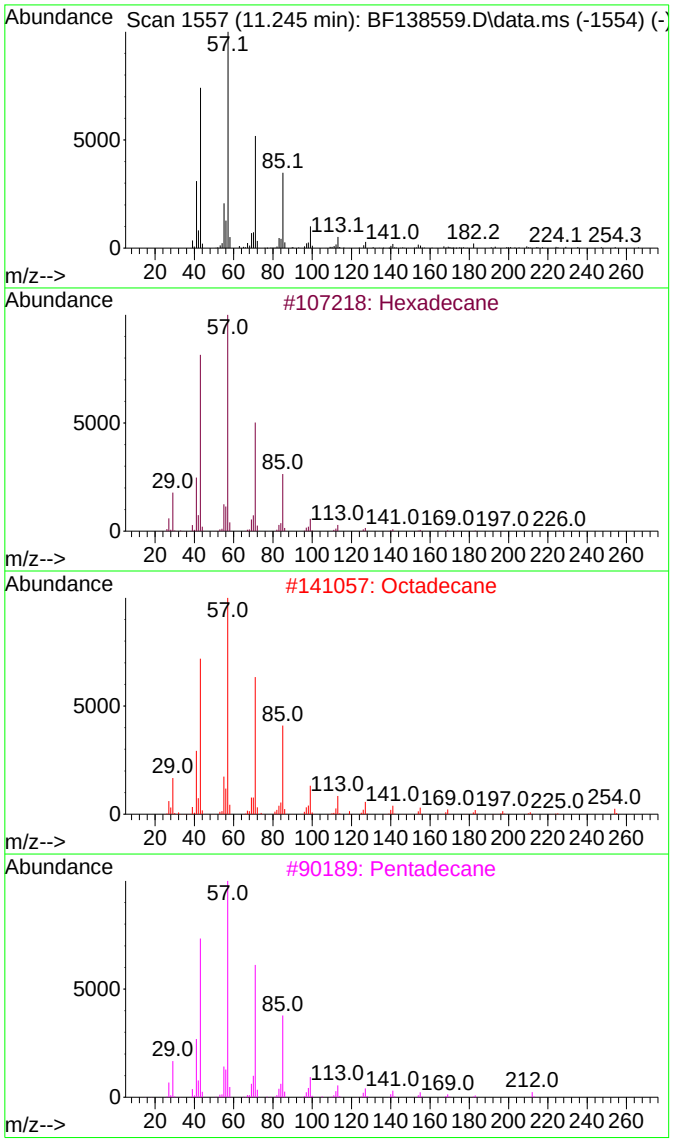
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

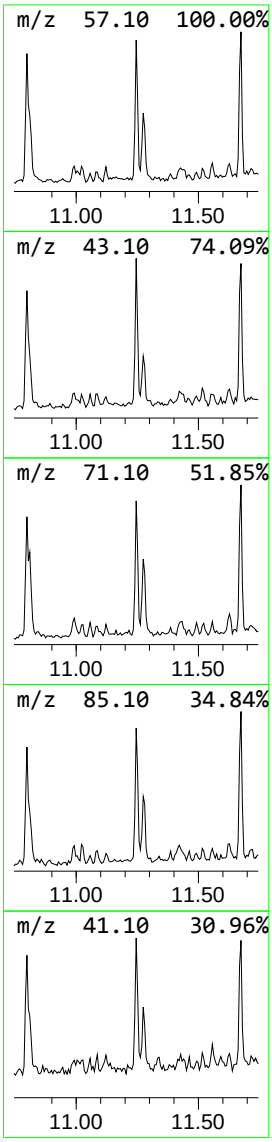
****

Peak Number 5 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.245	4.84 ng	197410	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Octadecane	254	C18H38	000593-45-3	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Eicosane	282	C20H42	000112-95-8	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90





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Acq On : 12 Jul 2024 21:39
Operator : CG\JU
Sample : P3211-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-04-07102024

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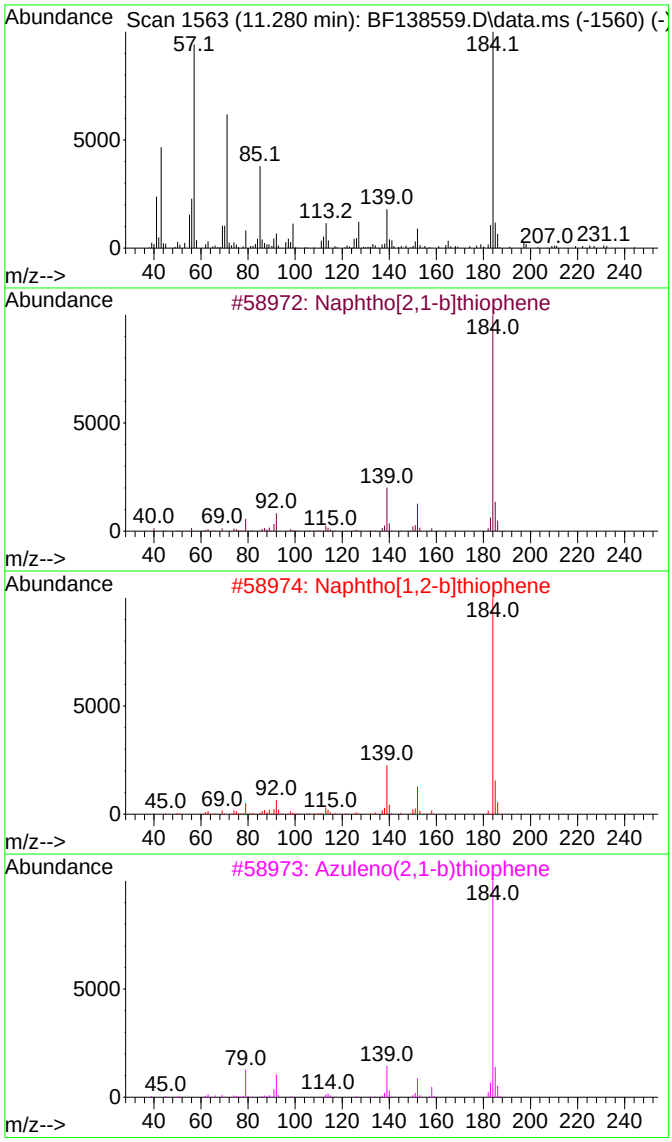
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

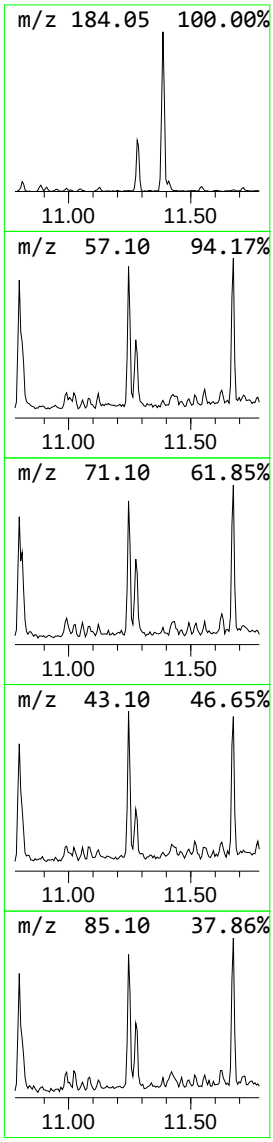
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphtho[2,1-b]thiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.280	3.98 ng	162153	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	90
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	87
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	60
4	Dibenzothiophene	184	C12H8S	000132-65-0	60
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	60





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Misc :
ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :
TR-04-07102024

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

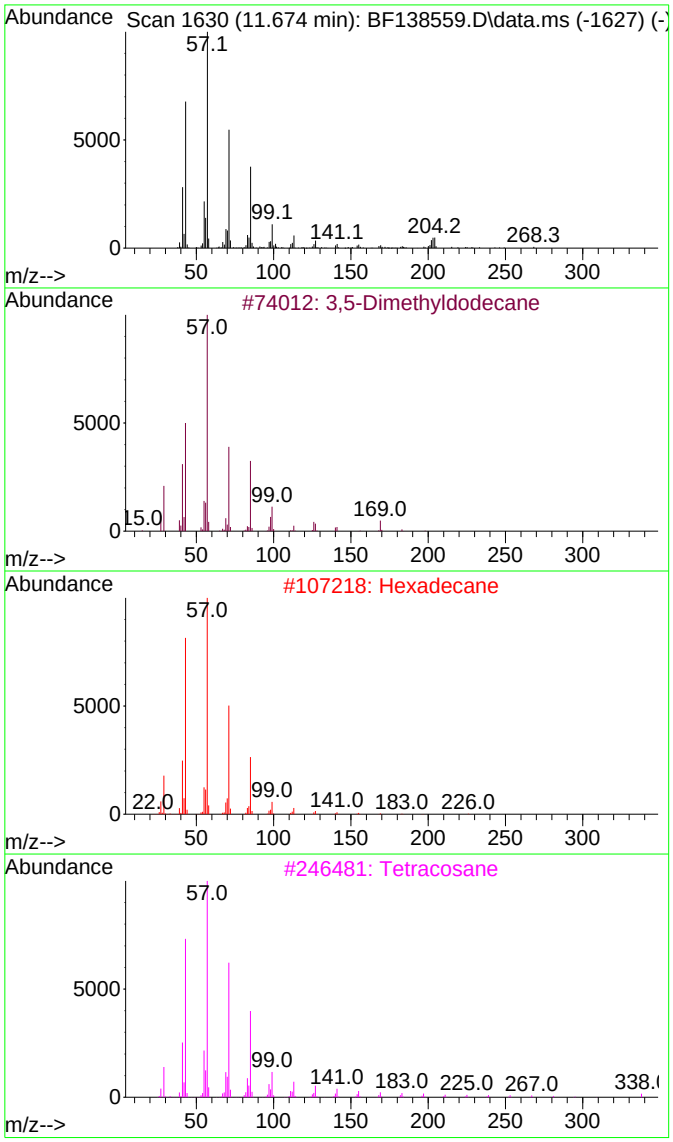
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

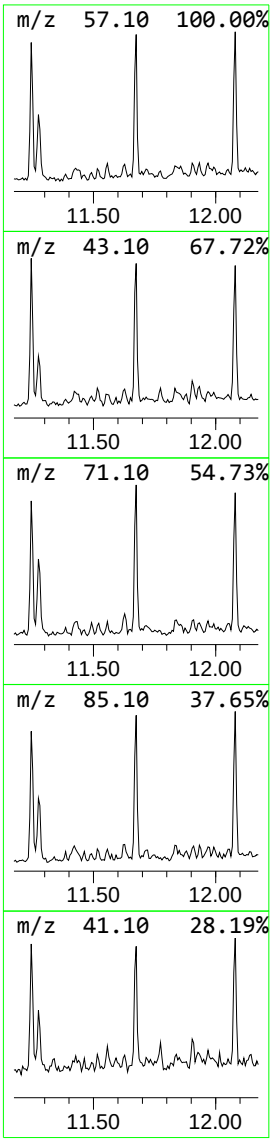
****

Peak Number 7 3,5-Dimethyldodecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.674	5.07 ng	206977	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyldodecane	198	C14H30	107770-99-0	81
2	Hexadecane	226	C16H34	000544-76-3	80
3	Tetracosane	338	C24H50	000646-31-1	80
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	Heptadecane	240	C17H36	000629-78-7	80





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Misc :
ALS Vial : 21 Sample Multiplier: 1

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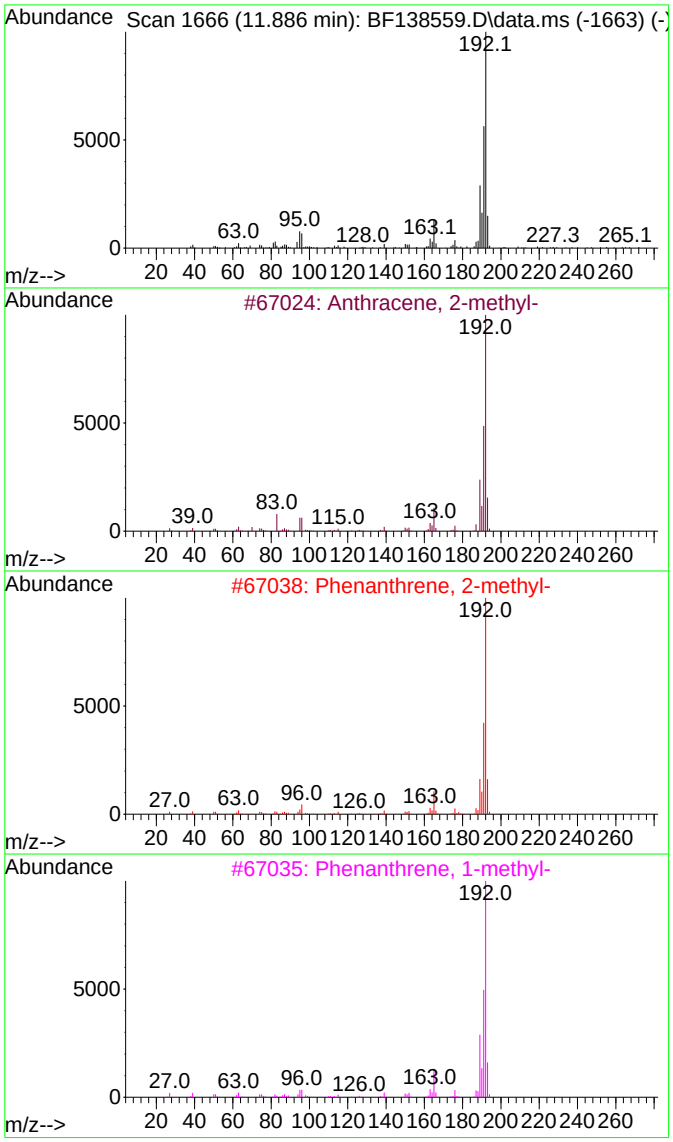
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

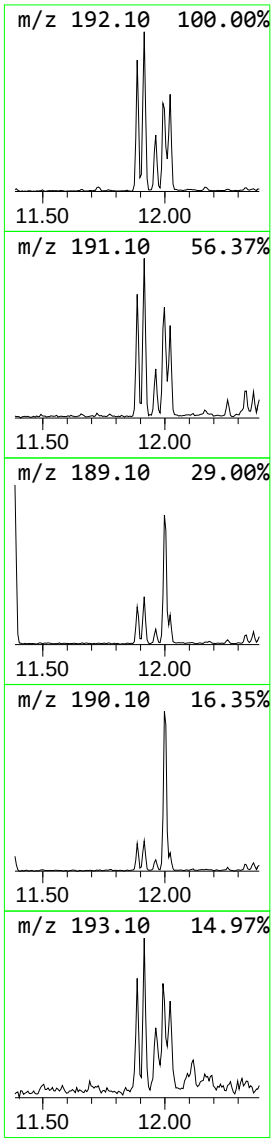
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	3.32 ng	135511	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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Operator : CG\JU
Sample : P3211-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-07102024

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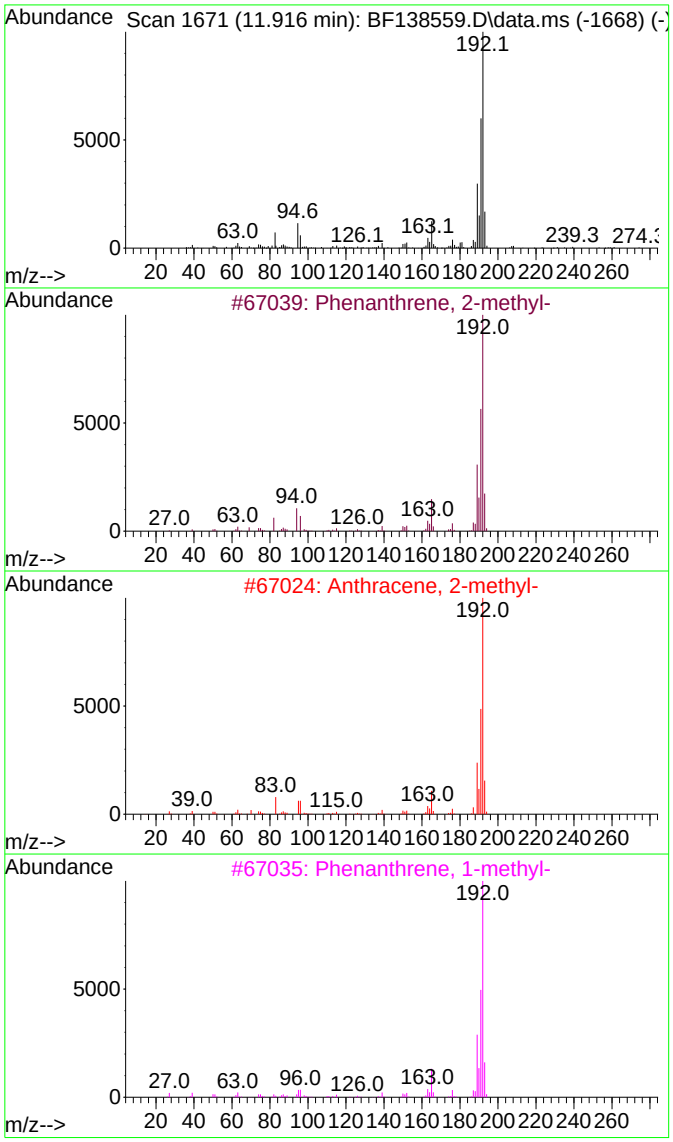
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

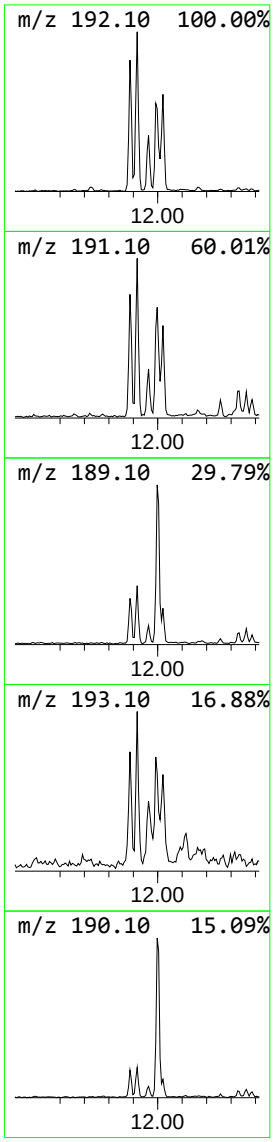
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	5.07 ng	206969	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-04-07102024

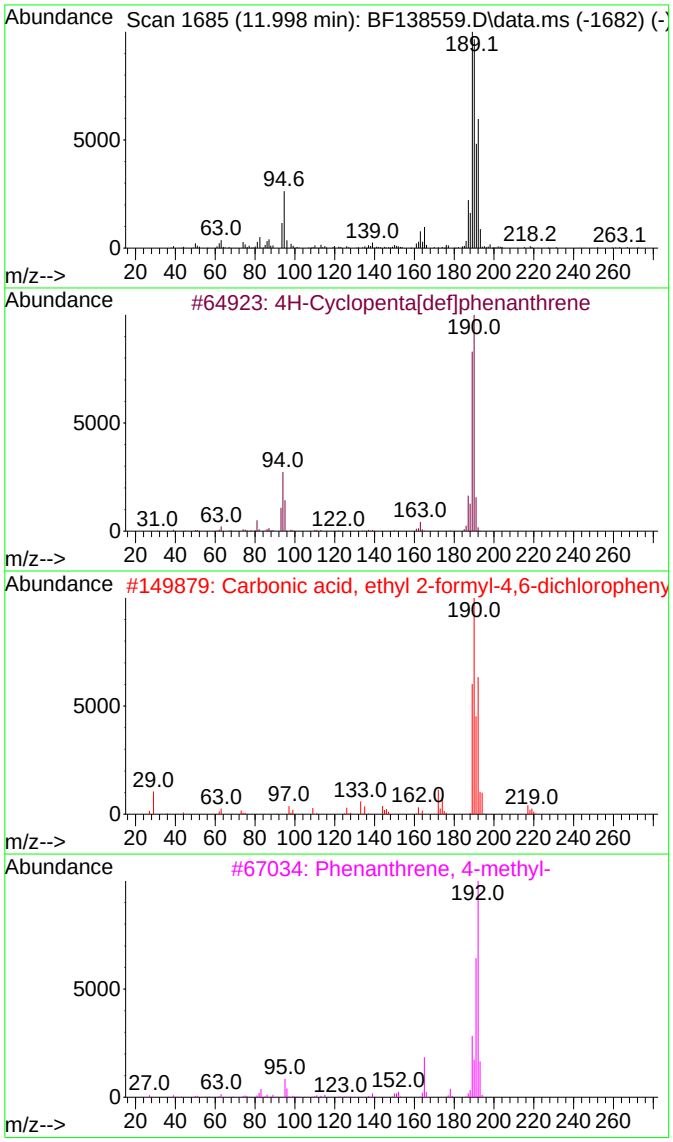
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

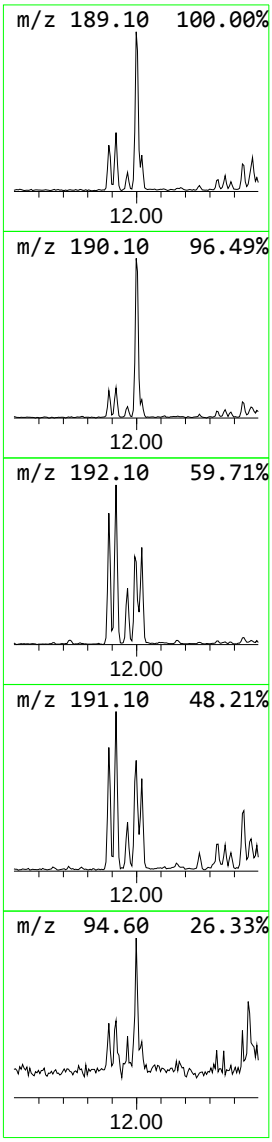
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.998	6.31 ng	257415	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	22





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Misc :
ALS Vial : 21 Sample Multiplier: 1

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

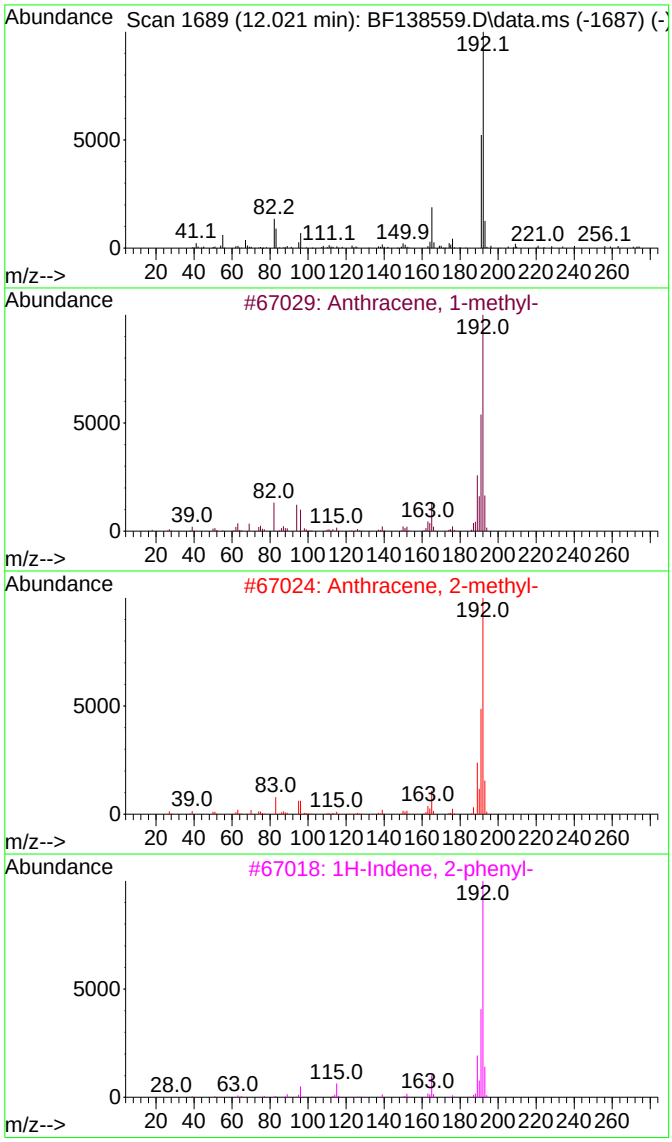
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

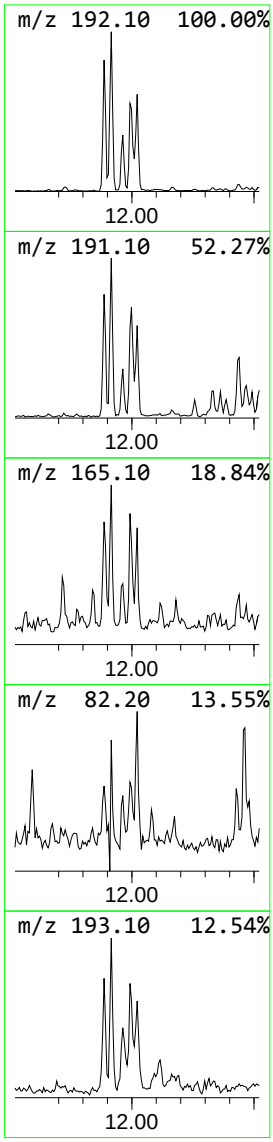
****

Peak Number 11 Anthracene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.022	2.52 ng	102995	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	80
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	80
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	78





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Sample : P3211-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-04-07102024

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

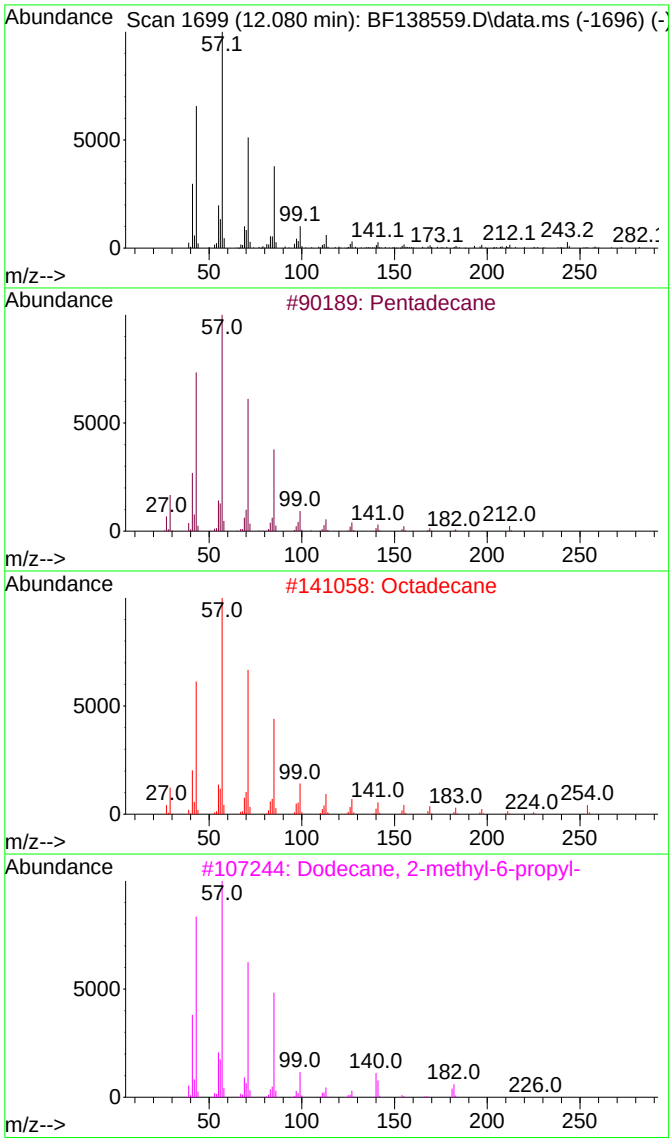
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

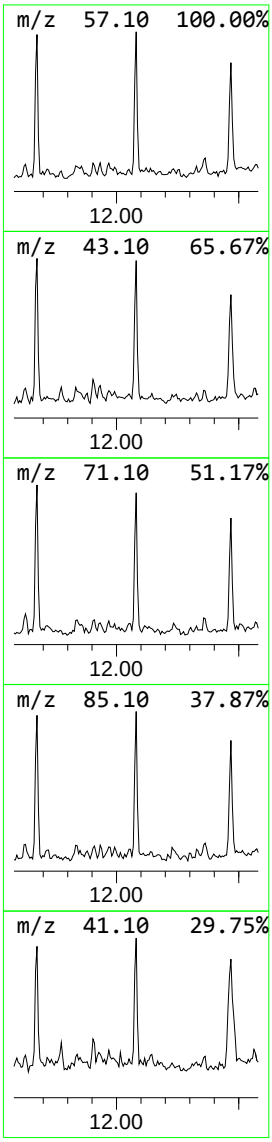
****

Peak Number 12 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.080	4.97 ng	202557	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	96
2	Octadecane	254	C18H38	000593-45-3	95
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	94
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	91
5	Tetracosane	338	C24H50	000646-31-1	91





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Misc :
ALS Vial : 21 Sample Multiplier: 1

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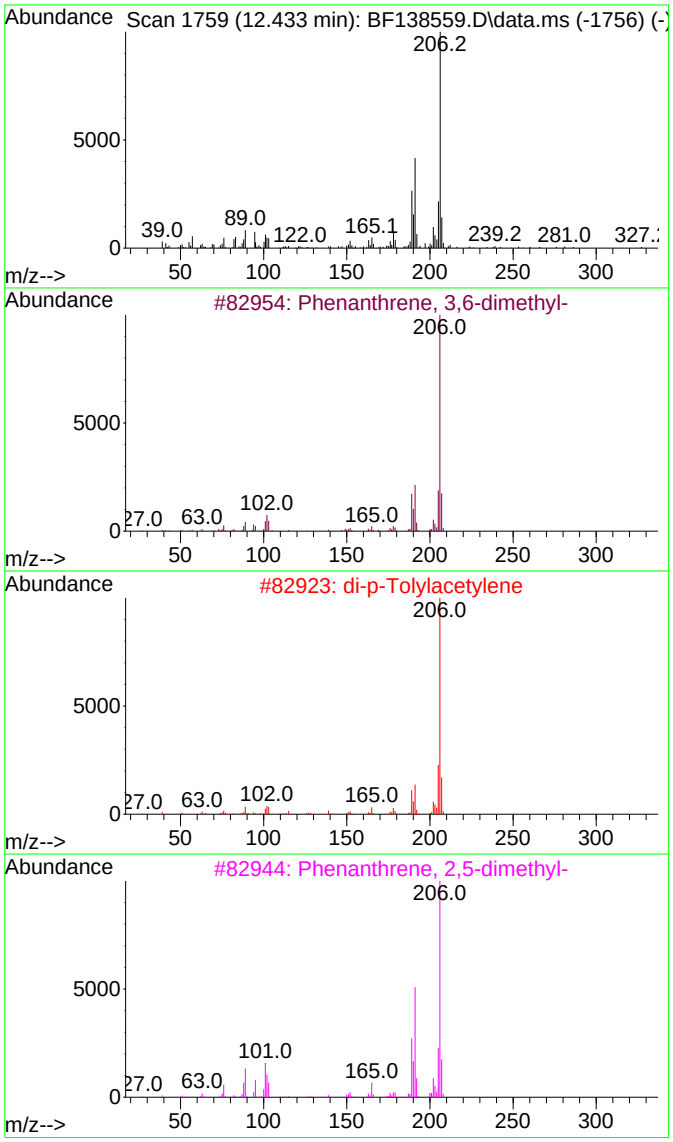
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

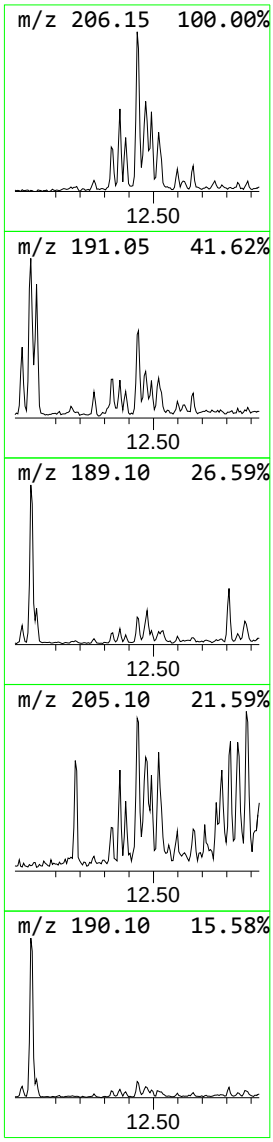
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 3,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.433	3.06 ng	124812	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86





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

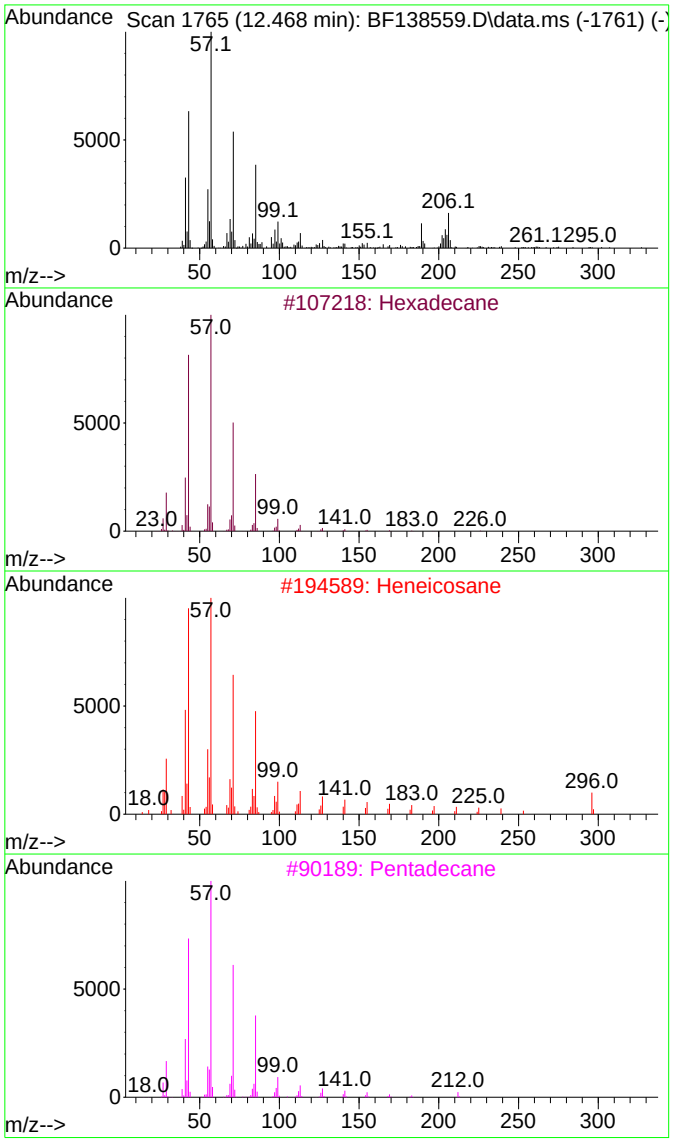
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

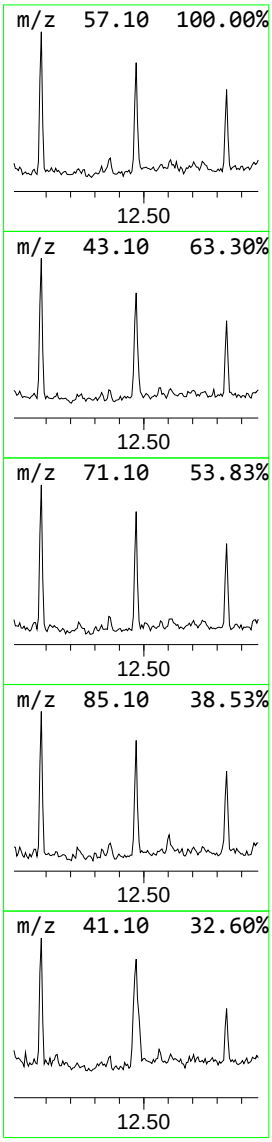
****

Peak Number 14 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	10.00 ng	408001	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Heneicosane	296	C21H44	000629-94-7	70
3	Pentadecane	212	C15H32	000629-62-9	62
4	Nonadecane	268	C19H40	000629-92-5	62
5	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	60





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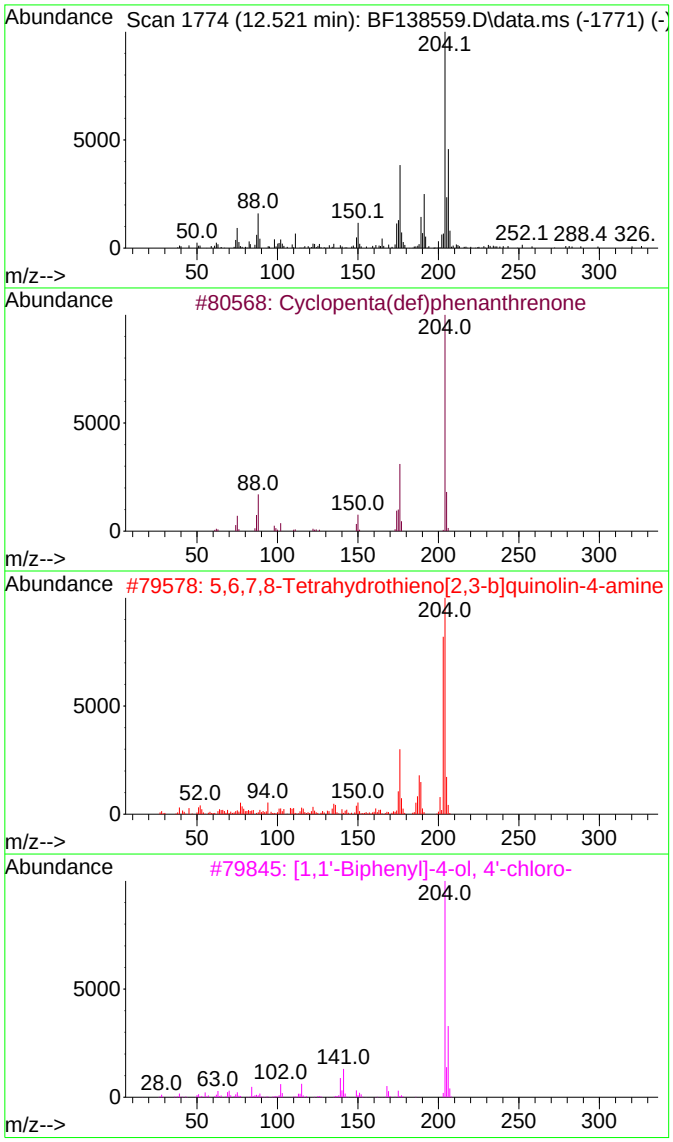
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

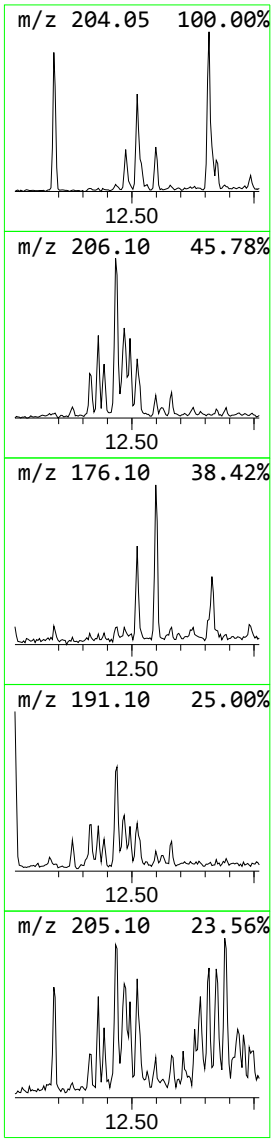
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.521	2.28 ng	92872	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	86
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	58
3	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
4	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	43
5	L-Rhamnose, (R,R,S,S)-, 4TMS der...	452	C18H44O5Si4	108392-01-4	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

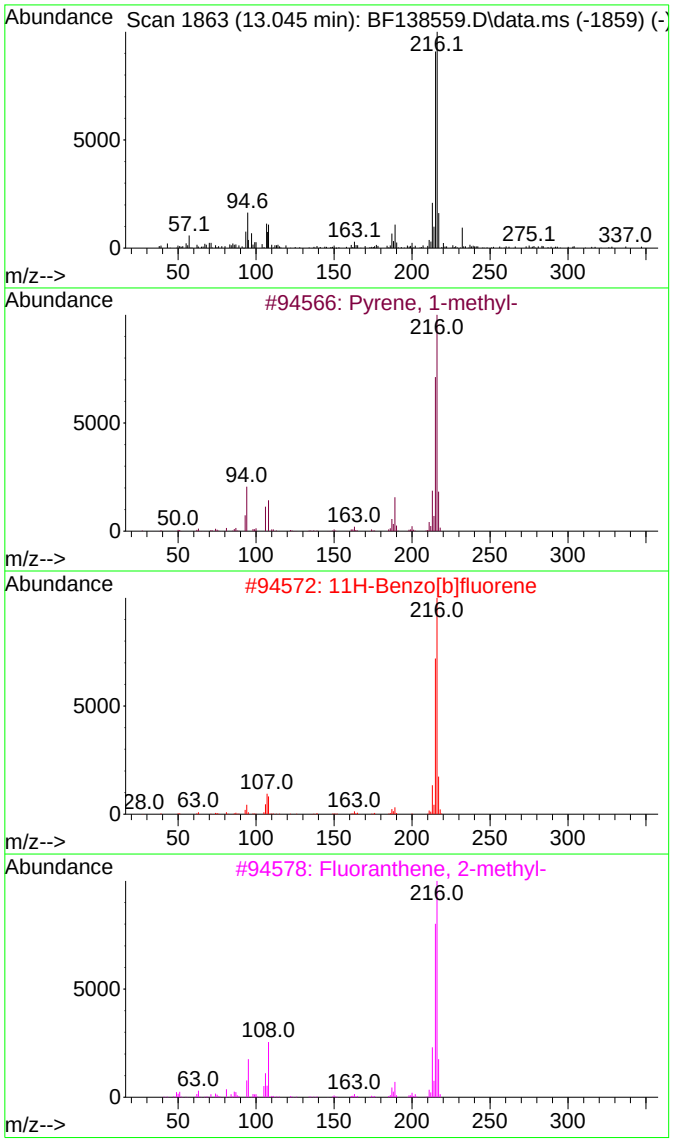
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

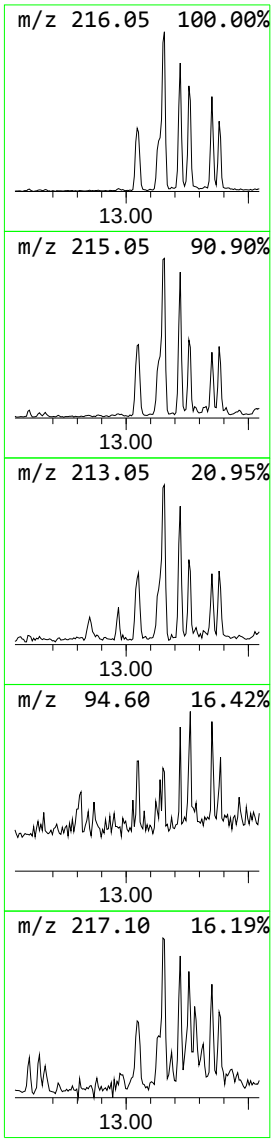
****

Peak Number 16 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.045	2.99 ng	162617	Chrysene-d12	14.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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Acq On : 12 Jul 2024 21:39
Operator : CG\JU
Sample : P3211-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-04-07102024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.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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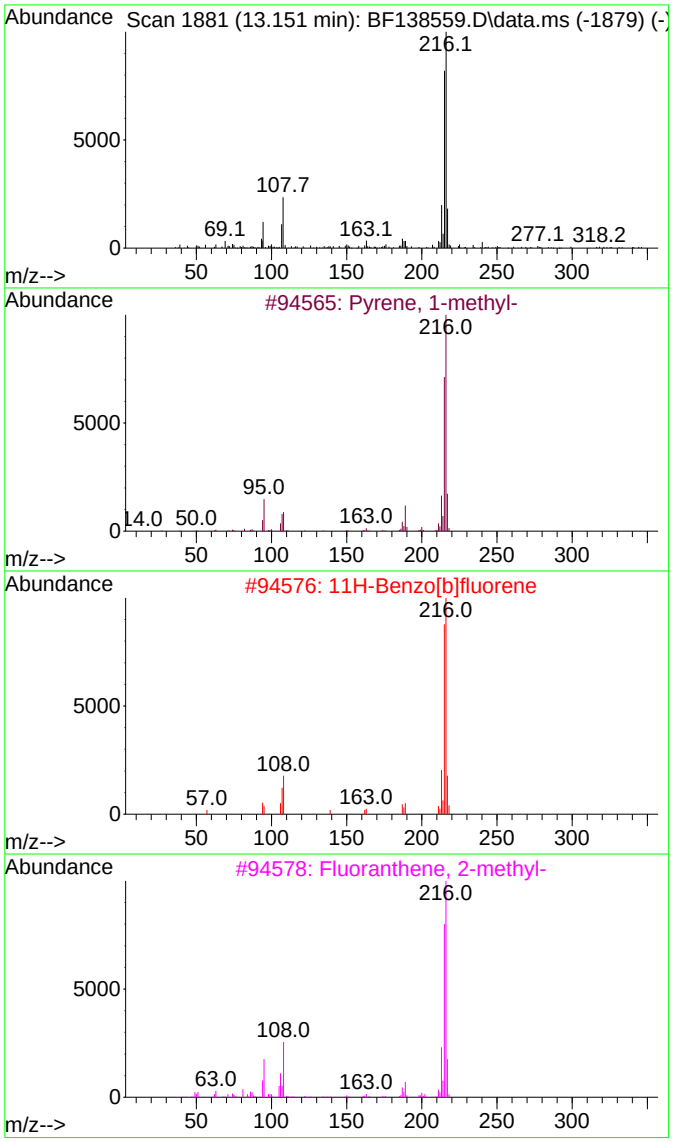
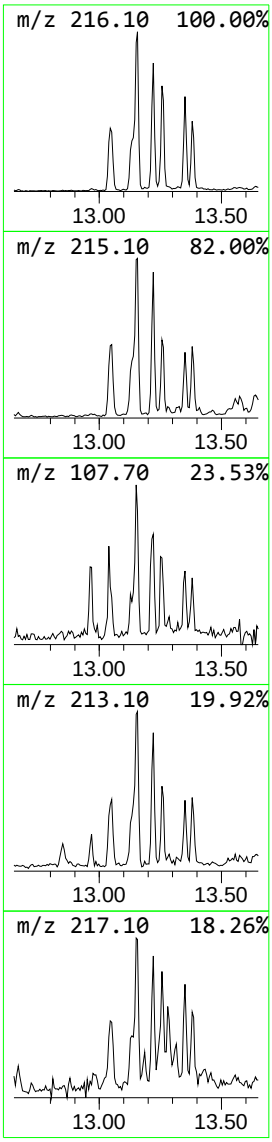
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.151	3.50 ng	190268	Chrysene-d12	14.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
Data File : BF138559.D
Acq On : 12 Jul 2024 21:39
Operator : CG\JU
Sample : P3211-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-07102024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.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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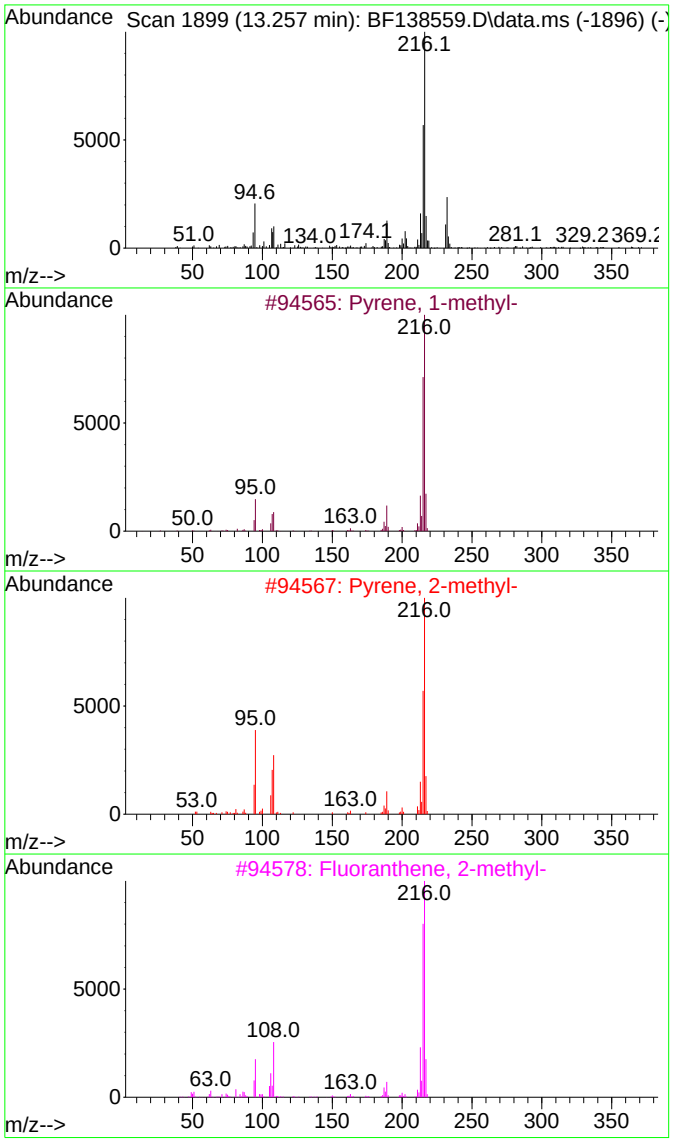
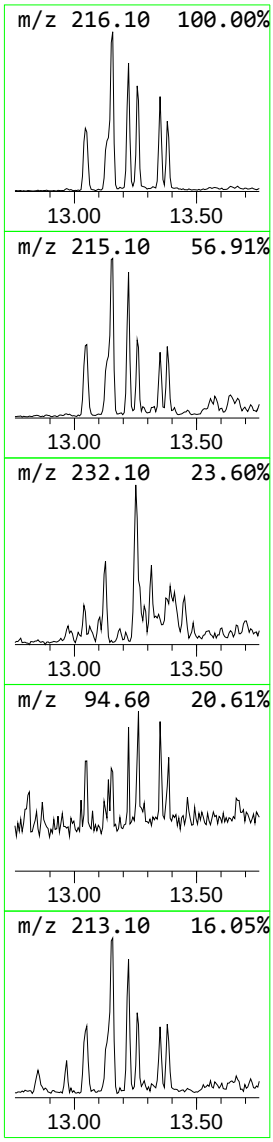
Peak Number 18 Pyrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.257	2.74 ng	148797	Chrysene-d12	14.021

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	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	62
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
Data File : BF138559.D
Acq On : 12 Jul 2024 21:39
Operator : CG\JU
Sample : P3211-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-07102024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.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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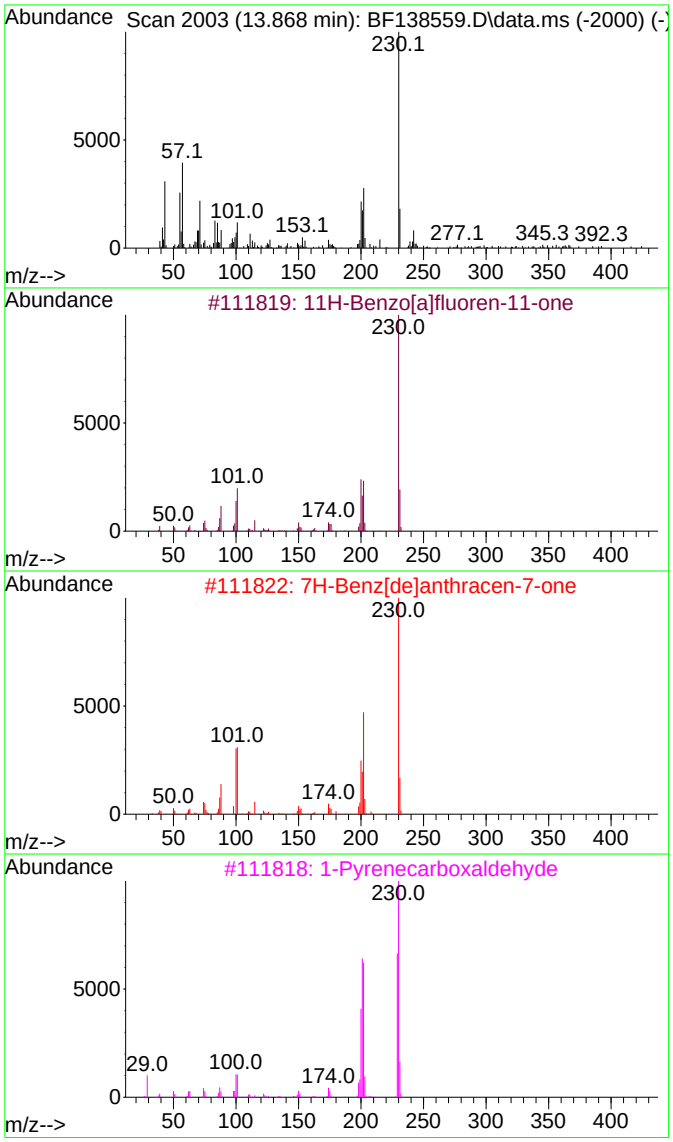
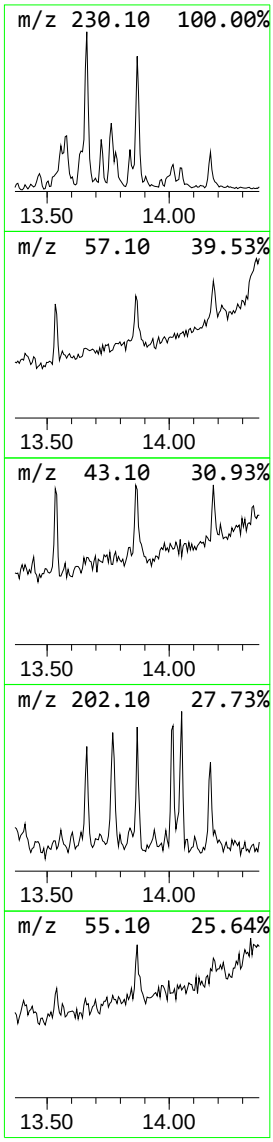
Peak Number 19 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.868	2.52 ng	137071	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	90
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	68
4	5,6-Dihydrochrysene	230	C18H14	002091-92-1	50
5	.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
Data File : BF138559.D
Acq On : 12 Jul 2024 21:39
Operator : CG\JU
Sample : P3211-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-07102024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.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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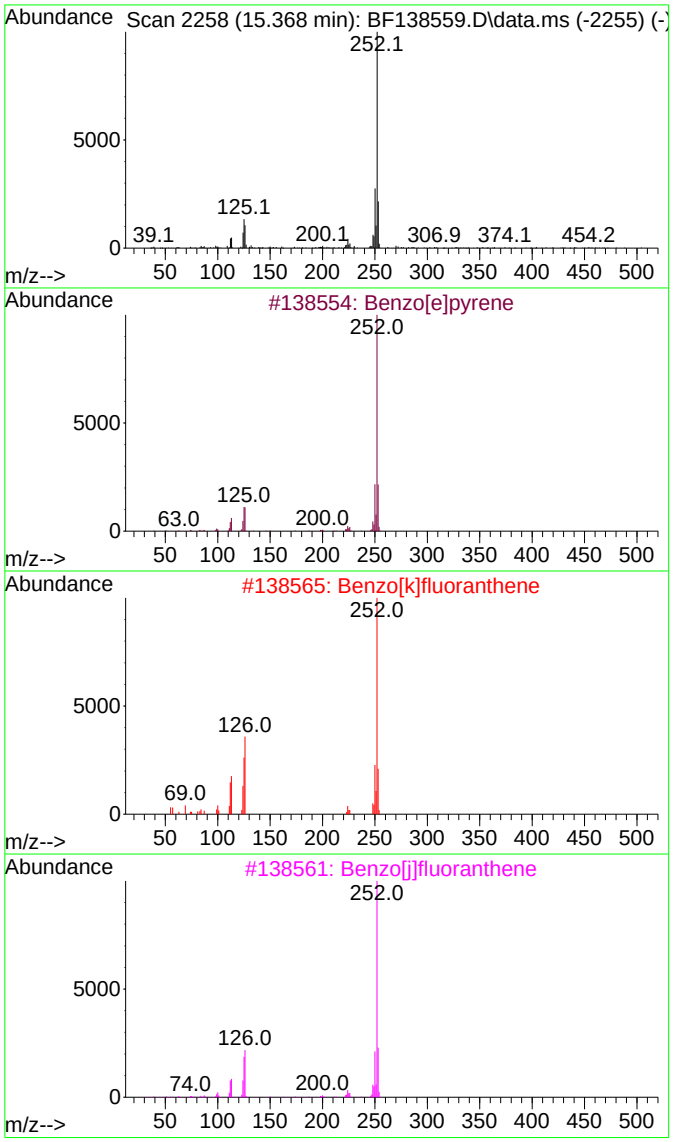
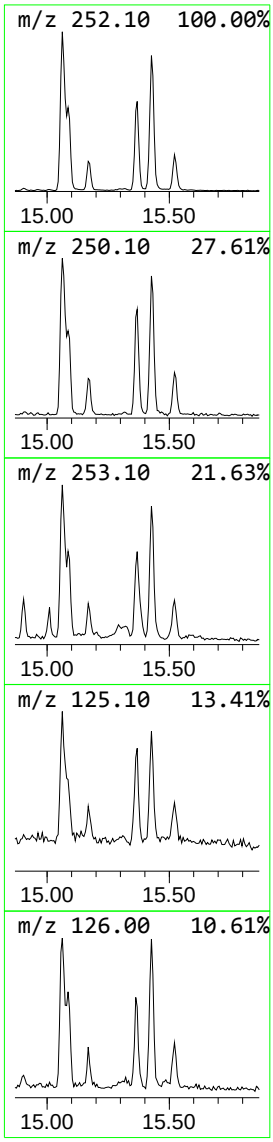
Peak Number 20 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.368	10.87 ng	248143	Perylene-d12	15.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
Data File : BF138559.D
Acq On : 12 Jul 2024 21:39
Operator : CG\JU
Sample : P3211-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-07102024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.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
Butane, 2-metho...	2.122	20.9	ng	749741	1	6.869	717132	20.0
Hexadecane	10.327	3.4	ng	107564	3	9.898	640220	20.0
1-Iodo-2-methyl...	10.545	2.8	ng	89488	3	9.898	640220	20.0
Heptadecane	10.798	6.6	ng	270644	4	11.386	815832	20.0
Octadecane	11.245	4.8	ng	197410	4	11.386	815832	20.0
Naphtho[2,1-b]t...	11.280	4.0	ng	162153	4	11.386	815832	20.0
3,5-Dimethyldod...	11.674	5.1	ng	206977	4	11.386	815832	20.0
Anthracene, 2-m...	11.886	3.3	ng	135511	4	11.386	815832	20.0
Phenanthrene, 2...	11.916	5.1	ng	206969	4	11.386	815832	20.0
4H-Cyclopenta[d...	11.998	6.3	ng	257415	4	11.386	815832	20.0
Anthracene, 1-m...	12.022	2.5	ng	102995	4	11.386	815832	20.0
Pentadecane	12.080	5.0	ng	202557	4	11.386	815832	20.0
Phenanthrene, 3...	12.433	3.1	ng	124812	4	11.386	815832	20.0
Heneicosane	12.469	10.0	ng	408001	4	11.386	815832	20.0
Cyclopenta(def)...	12.521	2.3	ng	92872	4	11.386	815832	20.0
Pyrene, 1-methyl-	13.045	3.0	ng	162617	5	14.021	1086650	20.0
11H-Benzo[b]flu...	13.151	3.5	ng	190268	5	14.021	1086650	20.0
Pyrene, 2-methyl-	13.257	2.7	ng	148797	5	14.021	1086650	20.0
11H-Benzo[a]flu...	13.868	2.5	ng	137071	5	14.021	1086650	20.0
Benzo[e]pyrene	15.368	10.9	ng	248143	6	15.492	456625	20.0