LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
Data File : BF137282.D
Acq On : 05 Feb 2024 18:20
Operator : CG\JU
Sample : P1066-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-N-COMP

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-BF013024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137282.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.116	3	5	10	rVB	122477	138078	6.99%	0.504%
2	2.234	18	25	33	rBV3	11881	24848	1.26%	0.091%
3	2.322	35	40	47	rVB	31270	40930	2.07%	0.150%
4	5.034	496	501	509	rBV	151100	189449	9.58%	0.692%
5	5.434	564	569	572	rBV	1546465	1497966	75.78%	5.472%
6	6.246	703	707	713	rBV2	74496	102040	5.16%	0.373%
7	6.428	733	738	741	rBV	1576152	1602612	81.08%	5.855%
8	6.528	752	755	768	rVB	37235	55949	2.83%	0.204%
9	6.793	796	800	808	rBV	423524	357994	18.11%	1.308%
10	7.351	891	895	913	rBV	1032548	1091900	55.24%	3.989%
11	8.069	1013	1017	1019	rBV	533658	459794	23.26%	1.680%
12	8.092	1019	1021	1027	rVB	351919	279156	14.12%	1.020%
13	8.781	1135	1138	1145	rBV	125144	107747	5.45%	0.394%
14	8.881	1150	1155	1162	rVB	83908	71608	3.62%	0.262%
15	9.151	1196	1201	1204	rBV	2014321	1796583	90.89%	6.563%
16	9.269	1218	1221	1226	rVB	109436	107333	5.43%	0.392%
17	9.410	1240	1245	1250	rBV2	27370	41536	2.10%	0.152%
18	9.481	1254	1257	1260	rBV	44479	47857	2.42%	0.175%
19	9.510	1260	1262	1267	rVB	33319	27133	1.37%	0.099%
20	9.598	1275	1277	1282	rBV3	19202	26401	1.34%	0.096%
21	9.686	1289	1292	1295	rVB	27334	23849	1.21%	0.087%
22	9.822	1307	1315	1318	rBV	505946	471143	23.84%	1.721%
23	9.857	1318	1321	1325	rVB	384552	297536	15.05%	1.087%
24	10.028	1347	1350	1355	rBV	222282	213463	10.80%	0.780%
25	10.375	1406	1409	1415	rBV	376025	305923	15.48%	1.118%
26	10.463	1422	1424	1426	rVB	35382	26848	1.36%	0.098%
27	10.533	1434	1436	1441	rVB	60699	50719	2.57%	0.185%
28	10.616	1446	1450	1456	rBV	977445	850588	43.03%	3.107%
29	10.739	1466	1471	1476	rVB5	18337	25730	1.30%	0.094%
30	10.922	1496	1502	1505	rBV3	42339	60691	3.07%	0.222%
31	11.051	1520	1524	1526	rBV3	21693	23845	1.21%	0.087%
32	11.122	1533	1536	1541	rVB	88403	77092	3.90%	0.282%
33	11.169	1541	1544	1549	rVV4	24063	37684	1.91%	0.138%
34	11.210	1549	1551	1558	rVB	130880	126014	6.38%	0.460%
35	11.316	1566	1569	1571	rBV	442551	429529	21.73%	1.569%
36	11.345	1571	1574	1577	rVV	2145645	1976626	100.00%	7.221%

LSC Area Percent Report

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Sample : P1066-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-N-COMP

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-BF013024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.392	1577	1582	1586	rVV	622132	571846	28.93%	2.089%
38	11.428	1586	1588	1594	rVB	50128	55431	2.80%	0.203%
39	11.551	1603	1609	1618	rBV2	258863	286073	14.47%	1.045%
40	11.616	1618	1620	1624	rVV3	41410	42721	2.16%	0.156%
41	11.651	1624	1626	1631	rVV3	27049	35091	1.78%	0.128%
42	11.722	1631	1638	1645	rVB6	26125	53887	2.73%	0.197%
43	11.822	1651	1655	1657	rBV	167153	147041	7.44%	0.537%
44	11.851	1657	1660	1665	rVV	252539	248790	12.59%	0.909%
45	11.898	1665	1668	1671	rVV	83724	78973	4.00%	0.289%
46	11.933	1671	1674	1676	rVV	316975	298246	15.09%	1.090%
47	11.957	1676	1678	1684	rVB	102570	91520	4.63%	0.334%
48	12.122	1703	1706	1708	rBV	115555	108655	5.50%	0.397%
49	12.139	1708	1709	1714	rVB	95158	80351	4.07%	0.294%
50	12.269	1726	1731	1734	rBV2	31549	35022	1.77%	0.128%
51	12.375	1745	1749	1752	rBV	55428	64877	3.28%	0.237%
52	12.410	1752	1755	1757	rVV2	39979	48189	2.44%	0.176%
53	12.433	1757	1759	1761	rVV2	46509	34992	1.77%	0.128%
54	12.457	1761	1763	1769	rVB3	59106	72292	3.66%	0.264%
55	12.539	1772	1777	1781	rBV	1890438	1920016	97.14%	7.014%
56	12.598	1783	1787	1790	rVB3	36956	48731	2.47%	0.178%
57	12.686	1795	1802	1810	rVB2	76993	134865	6.82%	0.493%
58	12.769	1810	1816	1822	rBV2	1518600	1829447	92.55%	6.683%
59	12.816	1822	1824	1829	rVB2	72424	71586	3.62%	0.262%
60	12.886	1832	1836	1838	rBV	99381	98514	4.98%	0.360%
61	12.916	1838	1841	1848	rVV	1748209	1610486	81.48%	5.884%
62	12.986	1848	1853	1857	rVV2	78319	146140	7.39%	0.534%
63	13.022	1857	1859	1861	rVV	48621	38853	1.97%	0.142%
64	13.069	1864	1867	1869	rVV2	76248	92042	4.66%	0.336%
65	13.098	1869	1872	1875	rVB	221977	210757	10.66%	0.770%
66	13.163	1880	1883	1886	rBV	216125	183079	9.26%	0.669%
67	13.198	1886	1889	1892	rVV	137983	141404	7.15%	0.517%
68	13.227	1892	1894	1897	rVB	57319	51778	2.62%	0.189%
69	13.292	1902	1905	1908	rVB	56323	44135	2.23%	0.161%
70	13.322	1908	1910	1915	rBV3	58365	62929	3.18%	0.230%
71	13.580	1951	1954	1956	rBV3	28969	32731	1.66%	0.120%
72	13.604	1956	1958	1963	rVB	70560	80382	4.07%	0.294%
73	13.722	1973	1978	1980	rBV3	100040	127533	6.45%	0.466%
74	13.745	1980	1982	1984	rVV	116342	107474	5.44%	0.393%
75	13.769	1984	1986	1987	rVV	92616	79218	4.01%	0.289%
76	13.816	1991	1994	1999	rVB	69672	82226	4.16%	0.300%

LSC Area Percent Report

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Data File : BF137282.D
Acq On : 05 Feb 2024 18:20
Operator : CG\JU
Sample : P1066-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-N-COMP

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-BF013024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.886	2004	2006	2012	rVB	27745	41153	2.08%	0.150%
78	13.963	2012	2019	2023	rBV2	836588	1273378	64.42%	4.652%
79	13.998	2023	2025	2032	rVB	648308	576023	29.14%	2.104%
80	14.074	2036	2038	2041	rVB	116395	98929	5.00%	0.361%
81	14.198	2058	2059	2063	rVB	42193	35637	1.80%	0.130%
82	14.363	2082	2087	2090	rBV	79019	89902	4.55%	0.328%
83	14.392	2090	2092	2096	rVB	50746	46914	2.37%	0.171%
84	14.457	2099	2103	2105	rBV3	56680	60138	3.04%	0.220%
85	14.480	2105	2107	2109	rVV3	43837	39113	1.98%	0.143%
86	14.504	2109	2111	2115	rVB2	56180	51693	2.62%	0.189%
87	14.616	2127	2130	2134	rVB4	21812	26510	1.34%	0.097%
88	14.669	2136	2139	2142	rBV4	30250	40004	2.02%	0.146%
89	14.751	2150	2153	2156	rBV5	31917	33007	1.67%	0.121%
90	15.021	2194	2199	2202	rBV	416477	653281	33.05%	2.387%
91	15.127	2214	2217	2222	rVB	88771	100065	5.06%	0.366%
92	15.216	2230	2232	2234	rBV3	20116	23820	1.21%	0.087%
93	15.327	2247	2251	2257	rVB	209901	283383	14.34%	1.035%
94	15.392	2257	2262	2268	rVB	334490	413450	20.92%	1.510%
95	15.451	2268	2272	2275	rBV	191470	259689	13.14%	0.949%
96	15.486	2275	2278	2286	rVB	98175	149329	7.55%	0.546%
97	16.945	2521	2526	2536	rVB2	102381	223836	11.32%	0.818%
98	17.145	2554	2560	2565	rBV4	27039	59675	3.02%	0.218%
99	17.398	2597	2603	2609	rBV	69529	156742	7.93%	0.573%
100	17.645	2641	2645	2650	rVB4	15211	24440	1.24%	0.089%

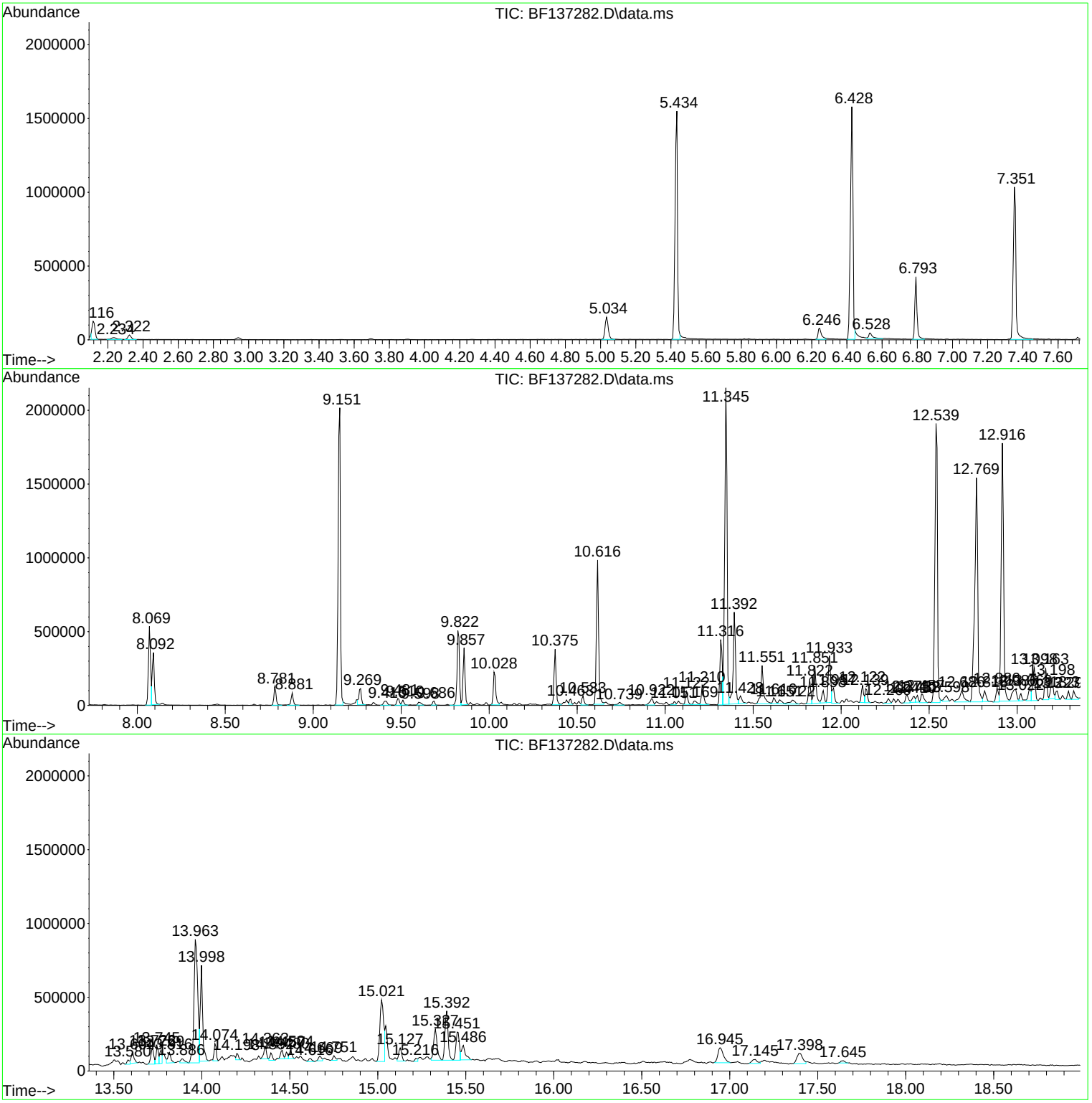
Sum of corrected areas: 27372628

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
Data File : BF137282.D
Acq On : 05 Feb 2024 18:20
Operator : CG\JU
Sample : P1066-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-N-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.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\BF020524\
Data File : BF137282.D
Acq On : 05 Feb 2024 18:20
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Sample : P1066-01
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-N-COMP

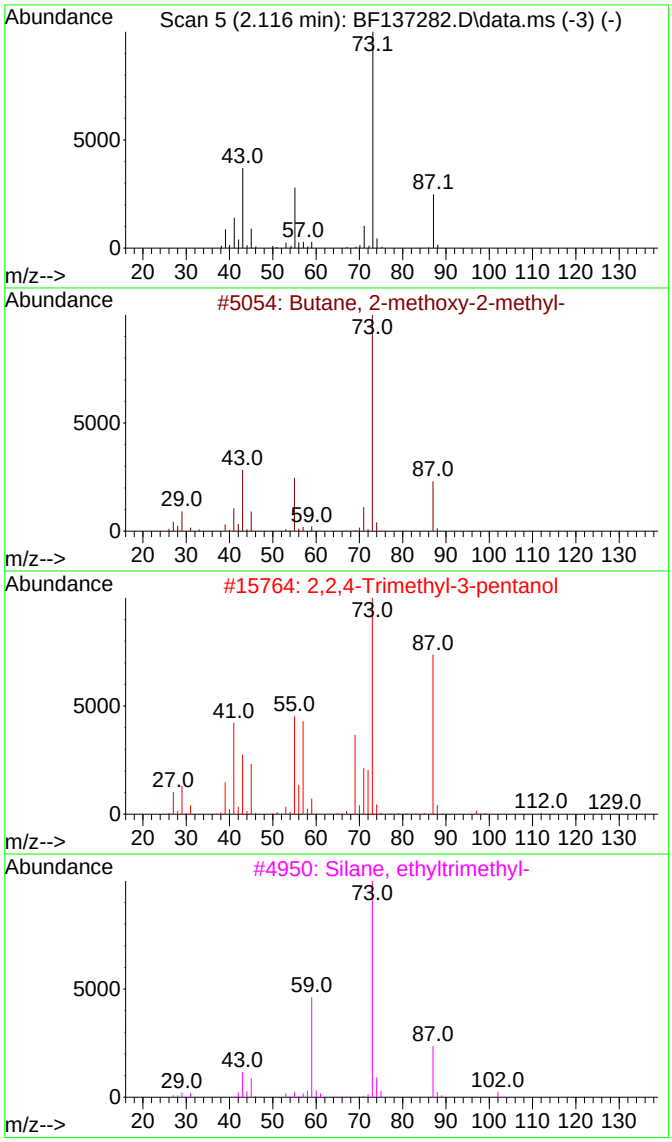
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

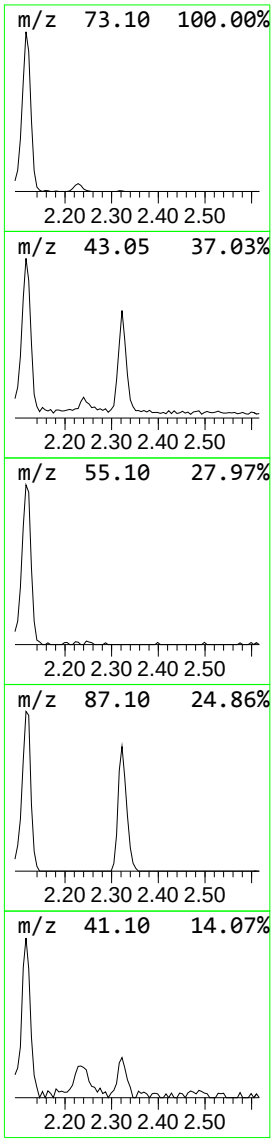
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.116	7.71 ng	138078	1,4-Dichlorobenzene-d4	6.793

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	40
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
Data File : BF137282.D
Acq On : 05 Feb 2024 18:20
Operator : CG\JU
Sample : P1066-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-N-COMP

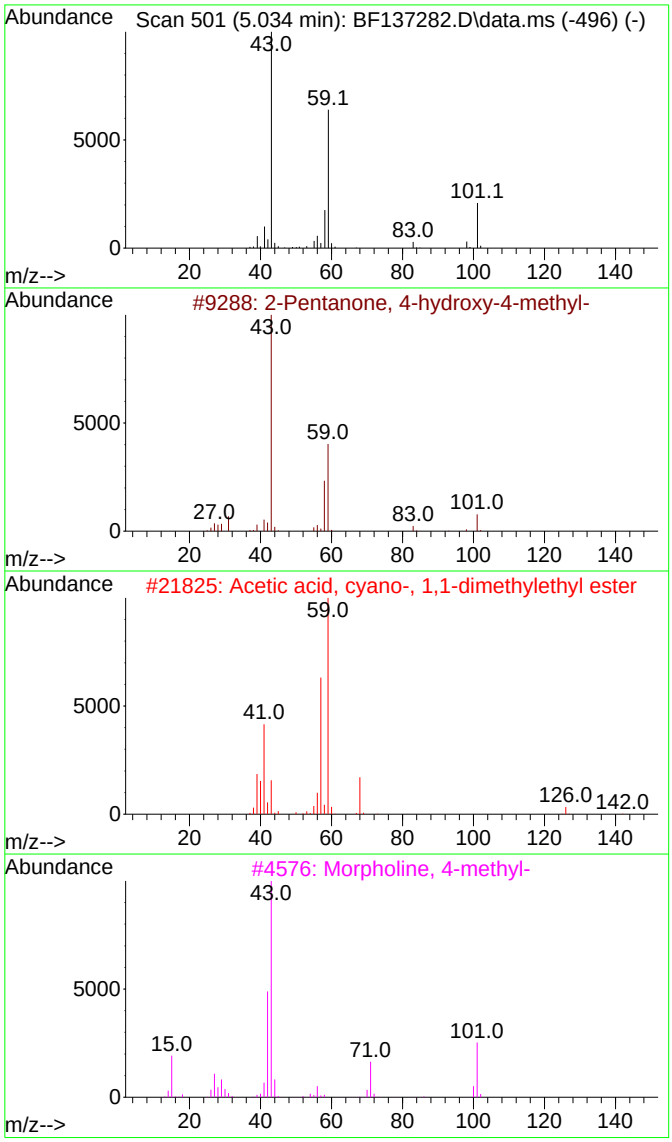
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

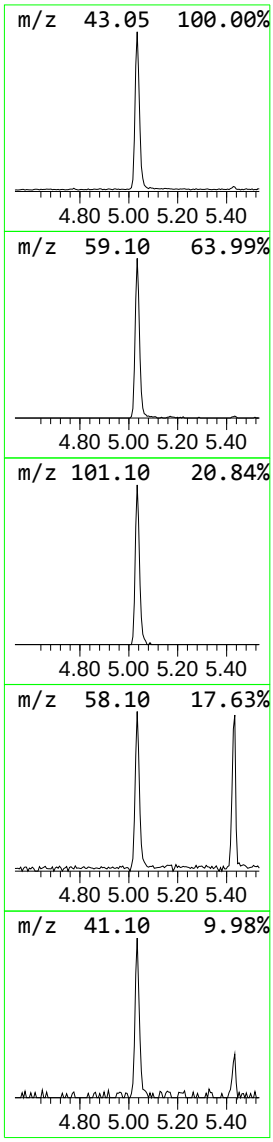
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.034	10.58 ng	189449	1,4-Dichlorobenzene-d4	6.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Acetone	58	C3H6O	000067-64-1	9
5	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	9





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Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

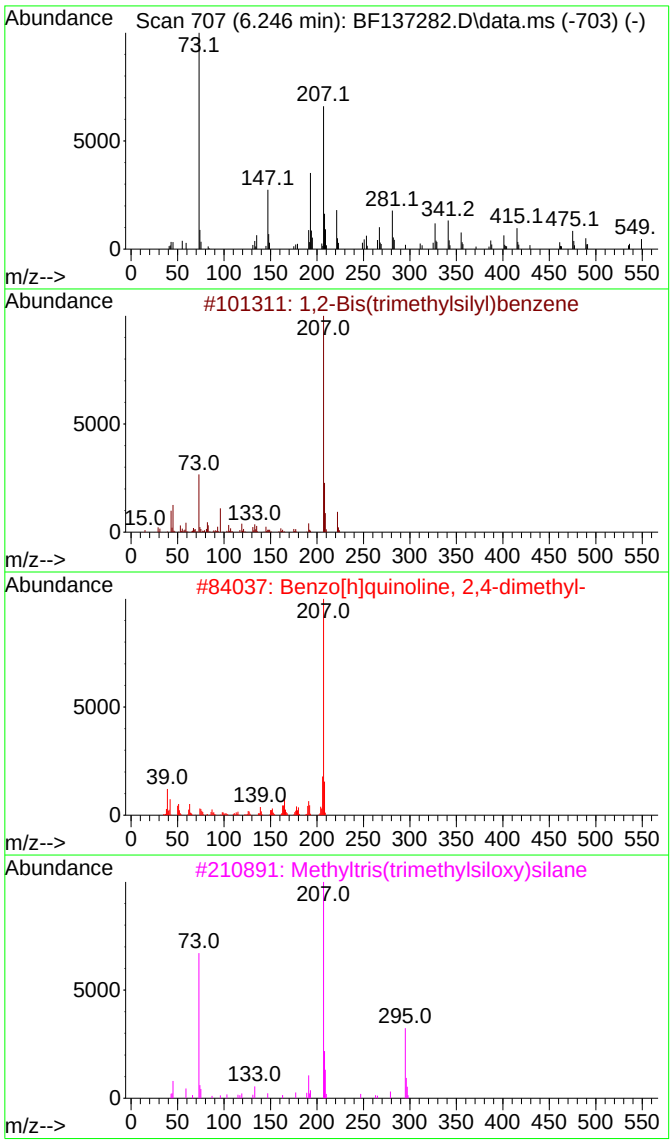
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

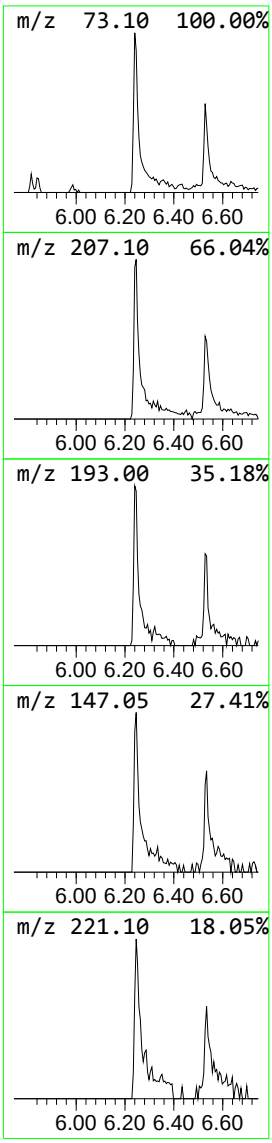
****

Peak Number 3 unknown6.246 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.246	5.70 ng	102040	1,4-Dichlorobenzene-d4	6.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Bis(trimethylsilyl)benzene	222	C12H22Si2	017151-09-6	38
2	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	35
3	Methyltris(trimethylsiloxy)silane	310	C10H30O3Si4	017928-28-8	35
4	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	35
5	Tris(tert-butyldimethylsilyloxy)...	468	C18H45AsO3Si3	1000366-57-5	35





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Instrument :
BNA_F
ClientSampleId :
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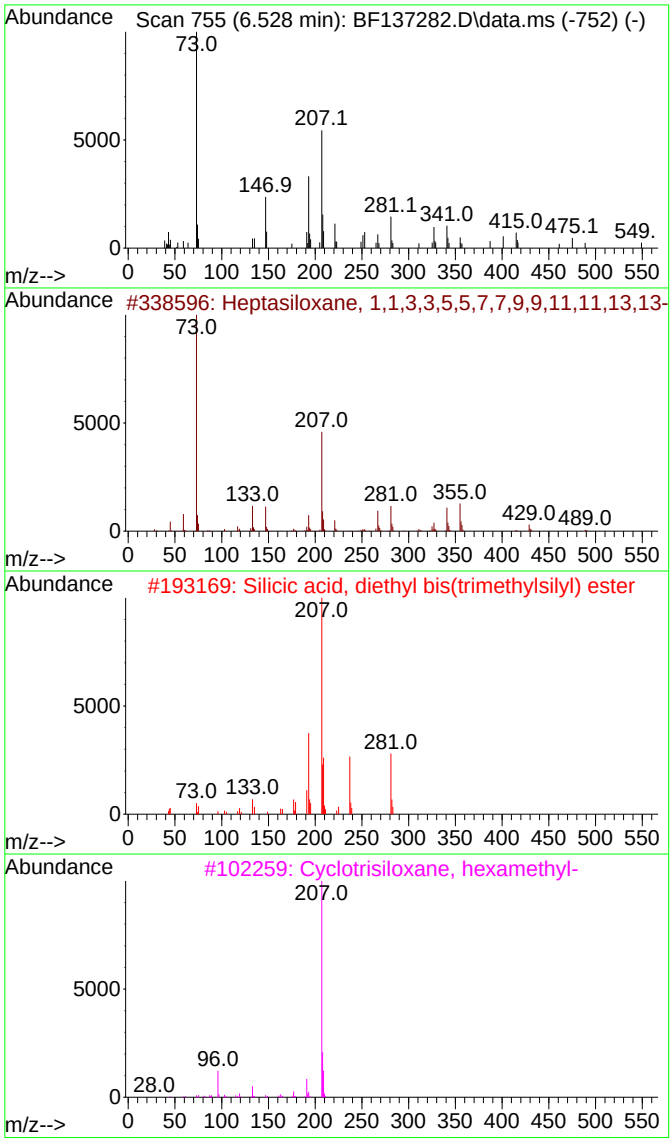
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

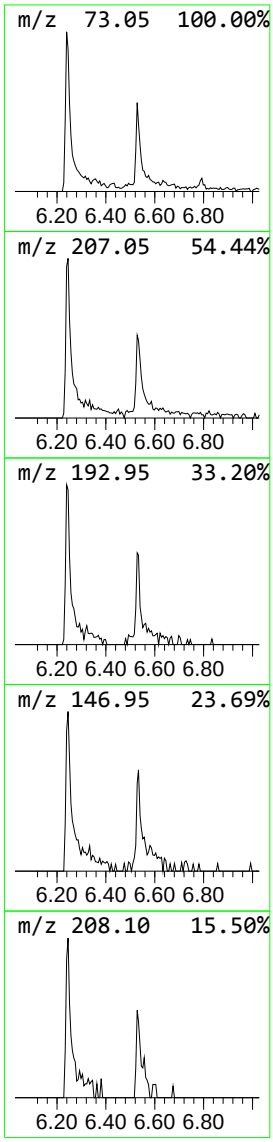
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Heptasiloxane, 1,1,3,3,5,5,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.528	3.13 ng	55949	1,4-Dichlorobenzene-d4	6.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptasiloxane, 1,1,3,3,5,5,7,7,9...	504	C14H44O6Si7	019095-23-9	53
2	Silicic acid, diethyl bis(trimet...	296	C10H28O4Si3	003555-45-1	37
3	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	35
4	Tetrasiloxane, decamethyl-	310	C10H30O3Si4	000141-62-8	35
5	2-Hydroxy-4-methoxynicotinonitri...	222	C10H14N2O2Si	1000484-72-7	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
Data File : BF137282.D
Acq On : 05 Feb 2024 18:20
Operator : CG\JU
Sample : P1066-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-N-COMP

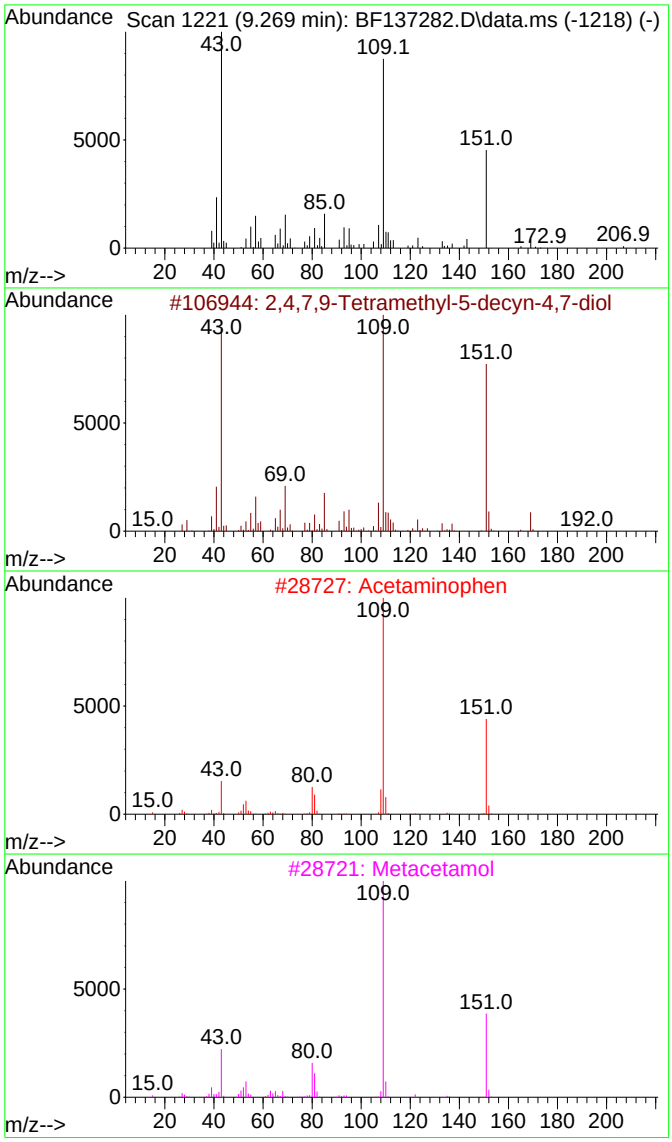
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

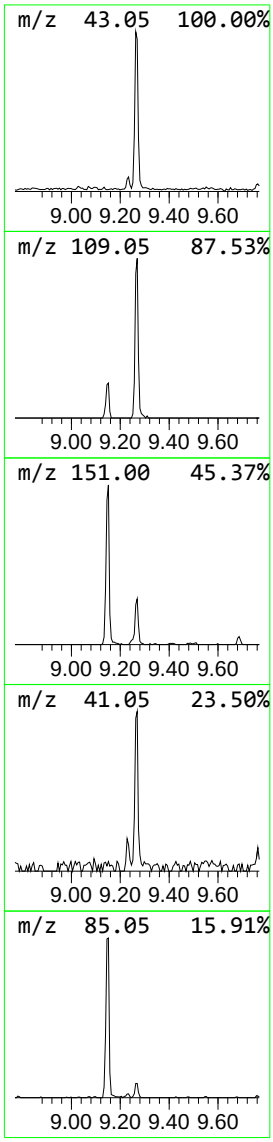
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.269	4.56 ng	107333	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	90
2	Acetaminophen	151	C8H9NO2	000103-90-2	50
3	Metacetamol	151	C8H9NO2	000621-42-1	50
4	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	50
5	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	50





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Operator : CG\JU
Sample : P1066-01
Misc :
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ClientSampleId :
WC-N-COMP

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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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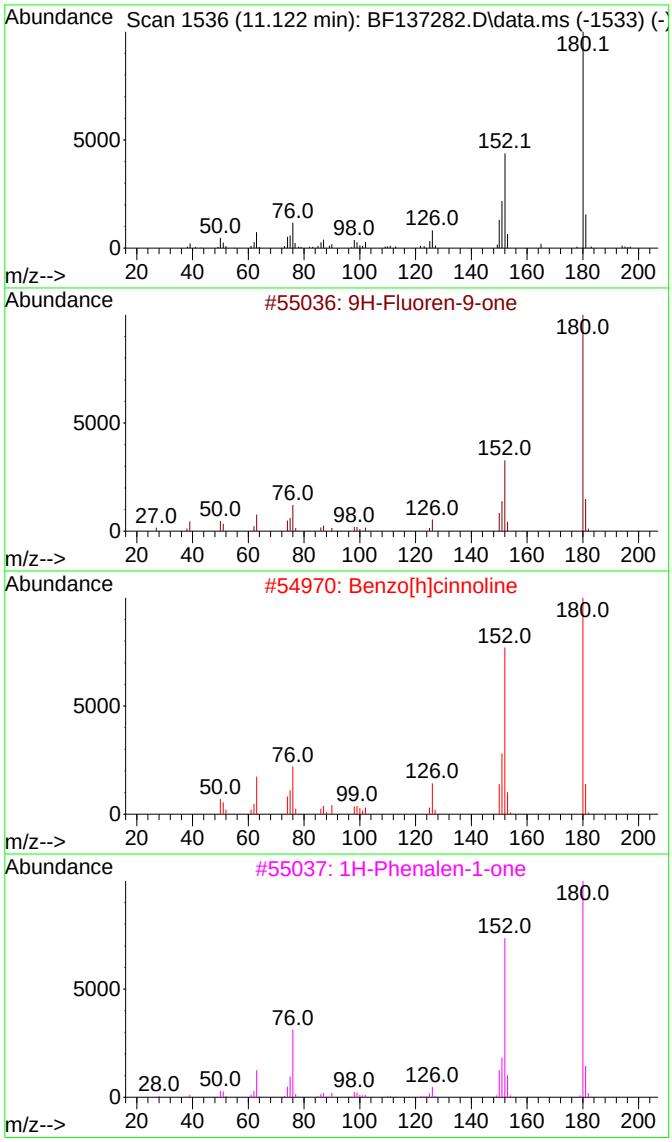
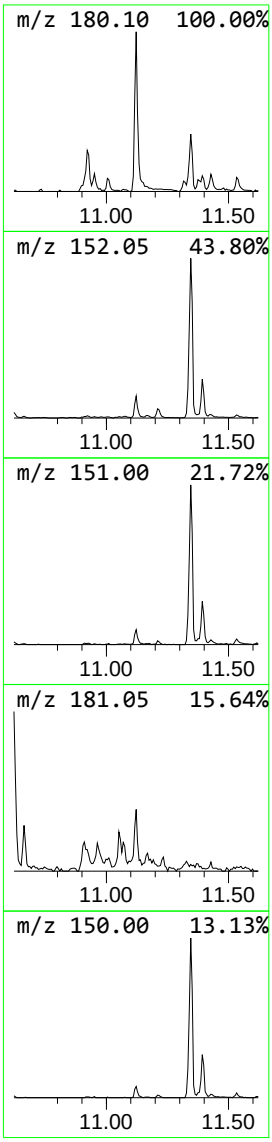
Peak Number 6 9H-Fluoren-9-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.122	3.59 ng	77092	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	53
4	2-Benzothiophen-4(5H)-one, 6,7-d...	180	C10H12OS	1000338-11-9	50
5	1,7-Phenanthroline	180	C12H8N2	000230-46-6	47





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

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

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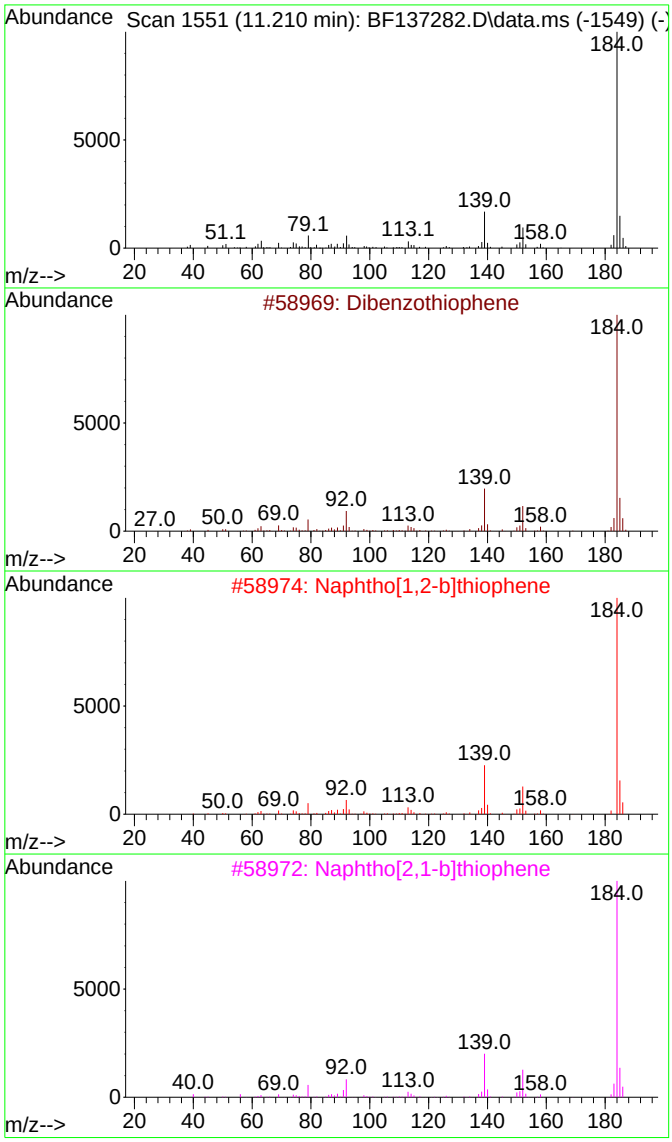
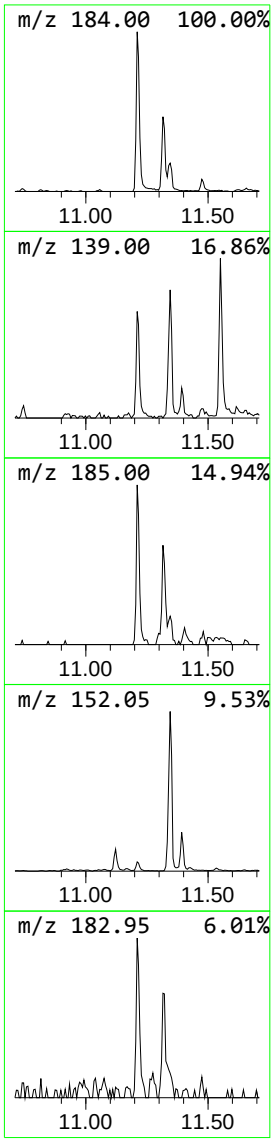
Peak Number 7 Dibenzothiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.210	5.87 ng	126014	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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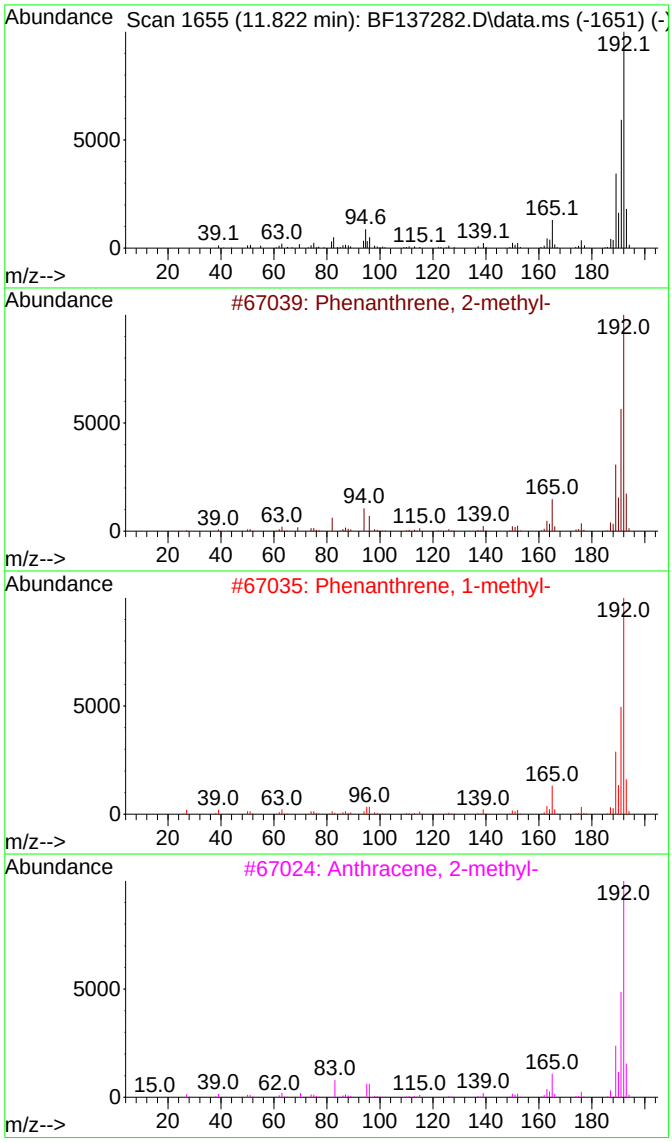
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

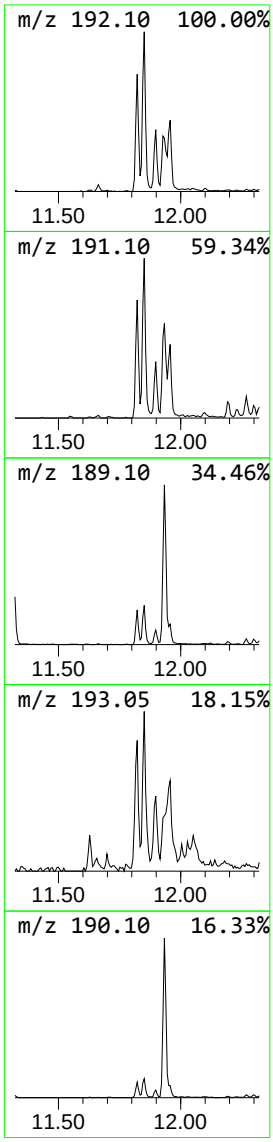
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.822	6.85 ng	147041	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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

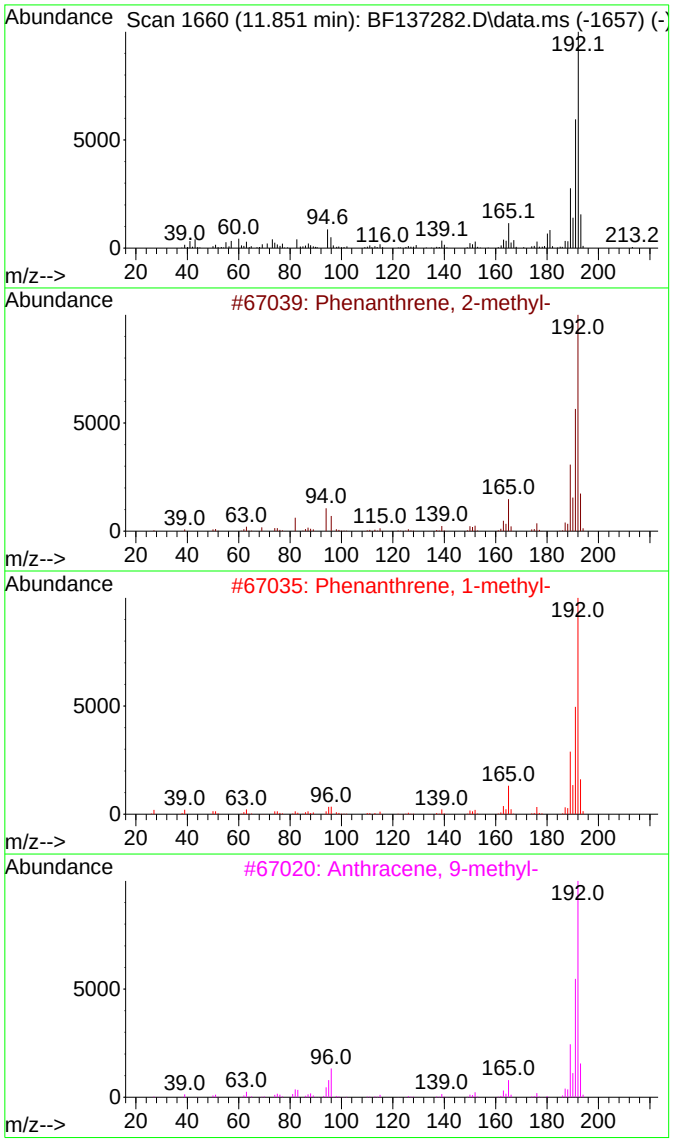
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

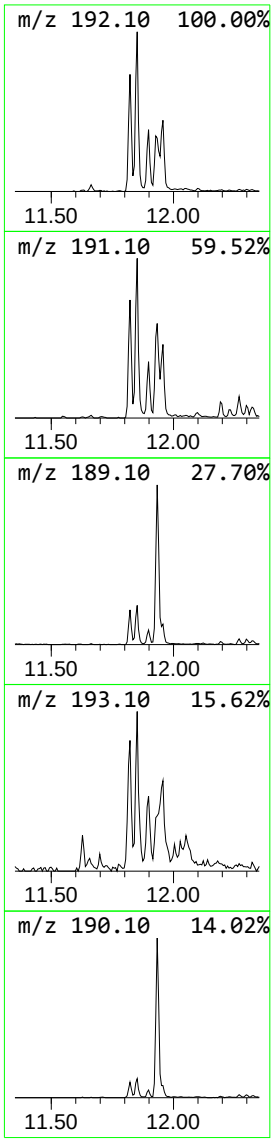
****

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	11.58 ng	248790	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Misc :
ALS Vial : 14 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

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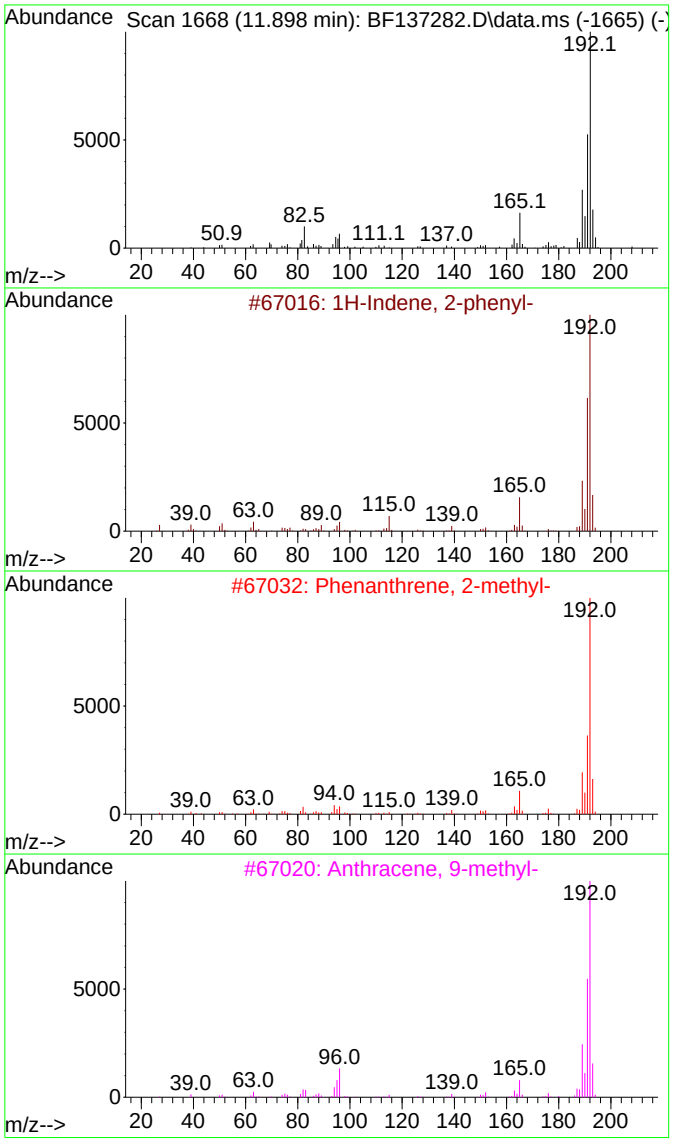
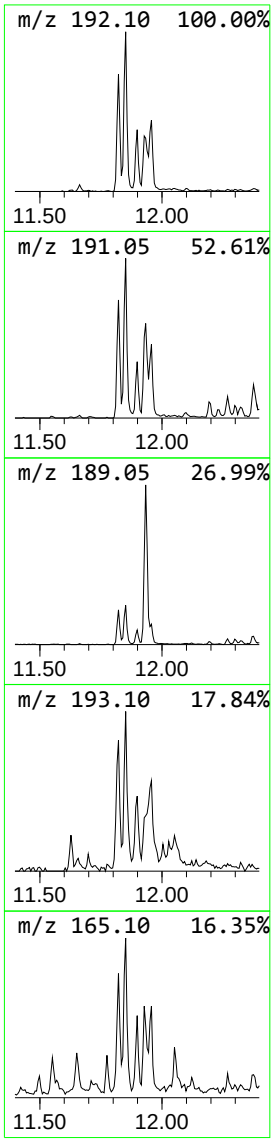
Peak Number 10 1H-Indene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	3.68 ng	78973	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





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Sample : P1066-01
Misc :
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ClientSampleId :
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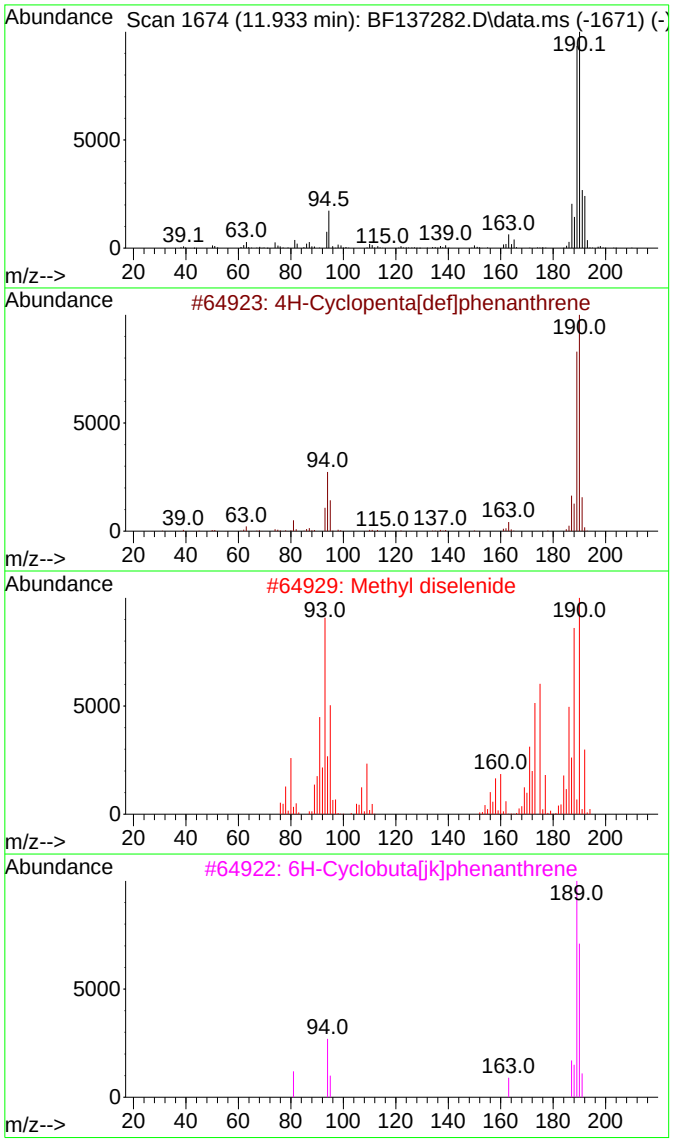
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

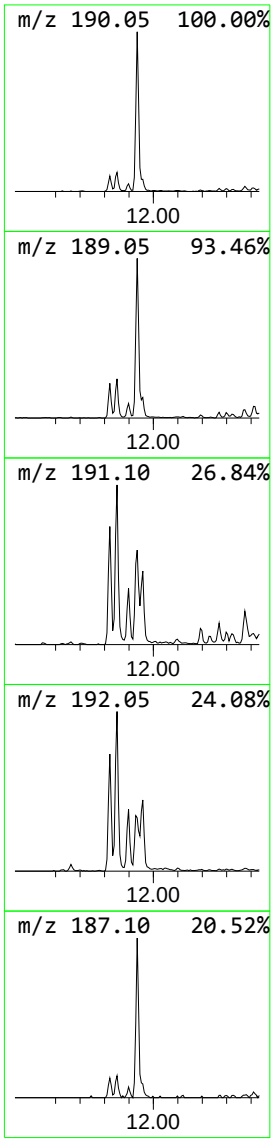
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	13.89 ng	298246	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	Methyl diselenide	190	C2H6Se2	007101-31-7	55
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	22





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Sample : P1066-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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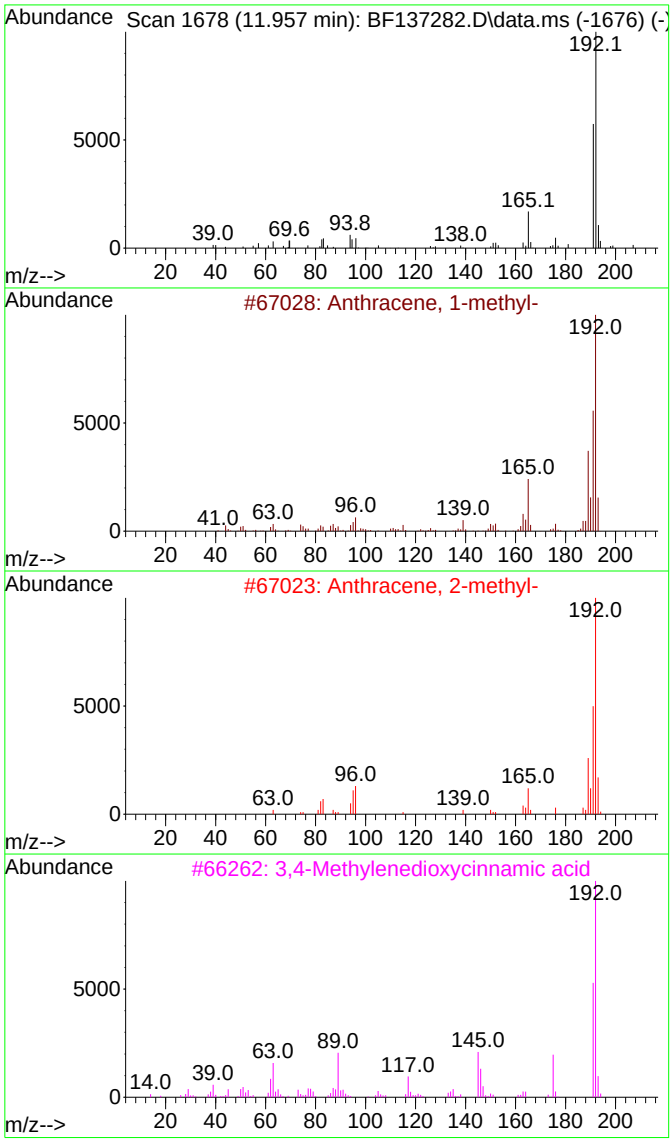
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

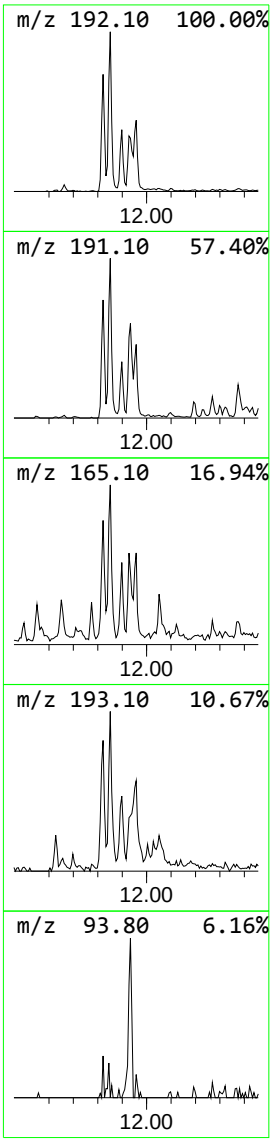
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Anthracene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	4.26 ng	91520	Phenanthrene-d10	11.316

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	72
3	3,4-Methylenedioxycinnamic acid	192	C10H8O4	002373-80-0	72
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	72
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	72





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

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

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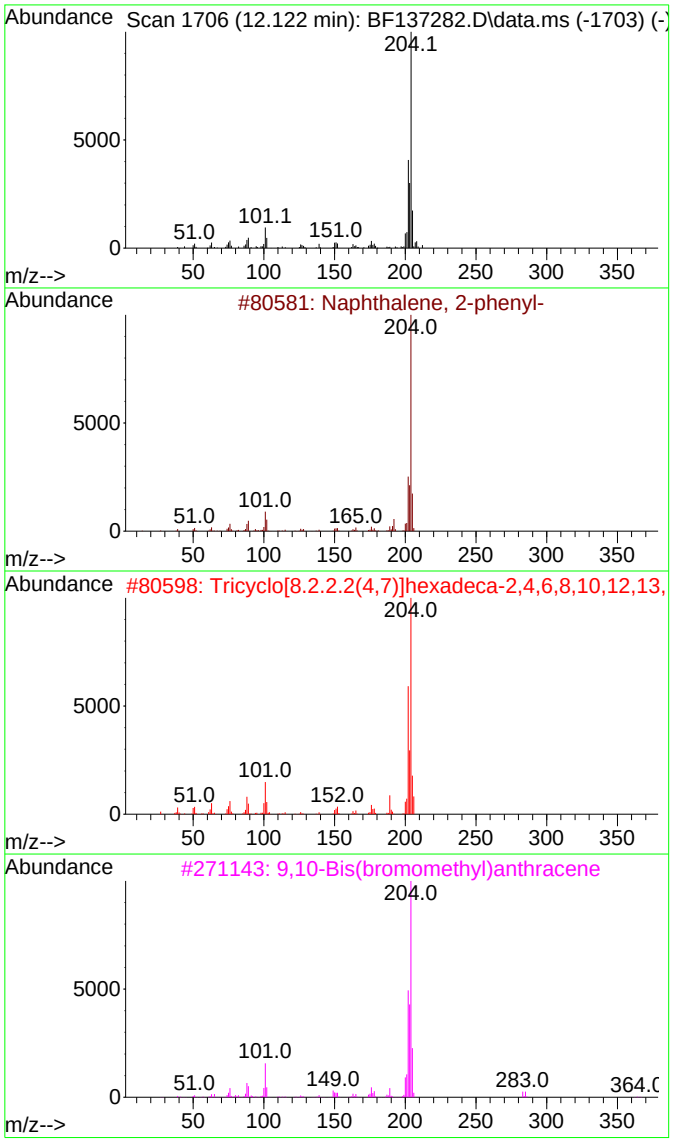
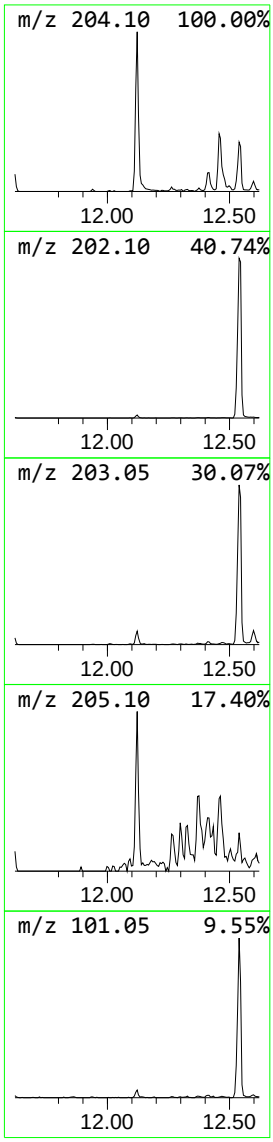
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.122	5.06 ng	108655	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	59
4	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	55
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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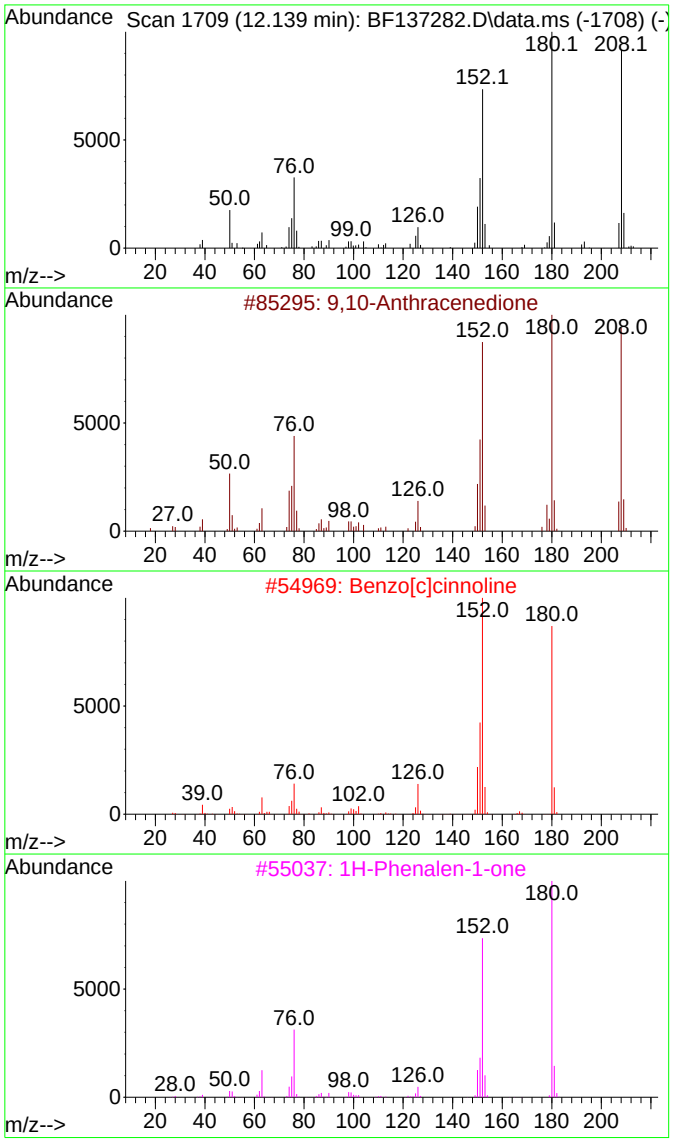
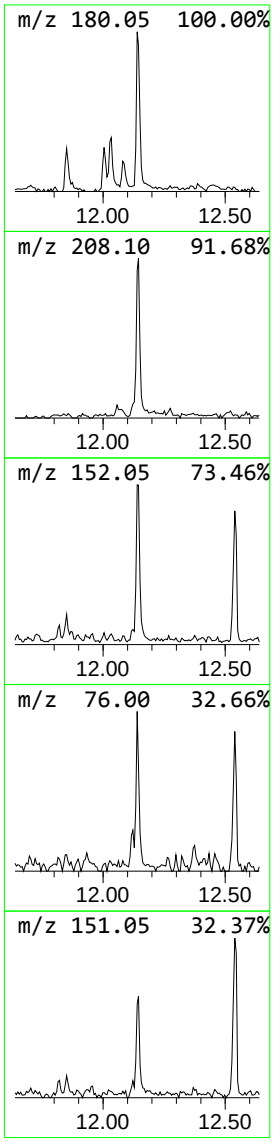
Peak Number 14 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.139	3.74 ng	80351	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	58
5	2-(Dicyanomethylene)indene-1,3-d...	208	C12H4N2O2	016954-74-8	58





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

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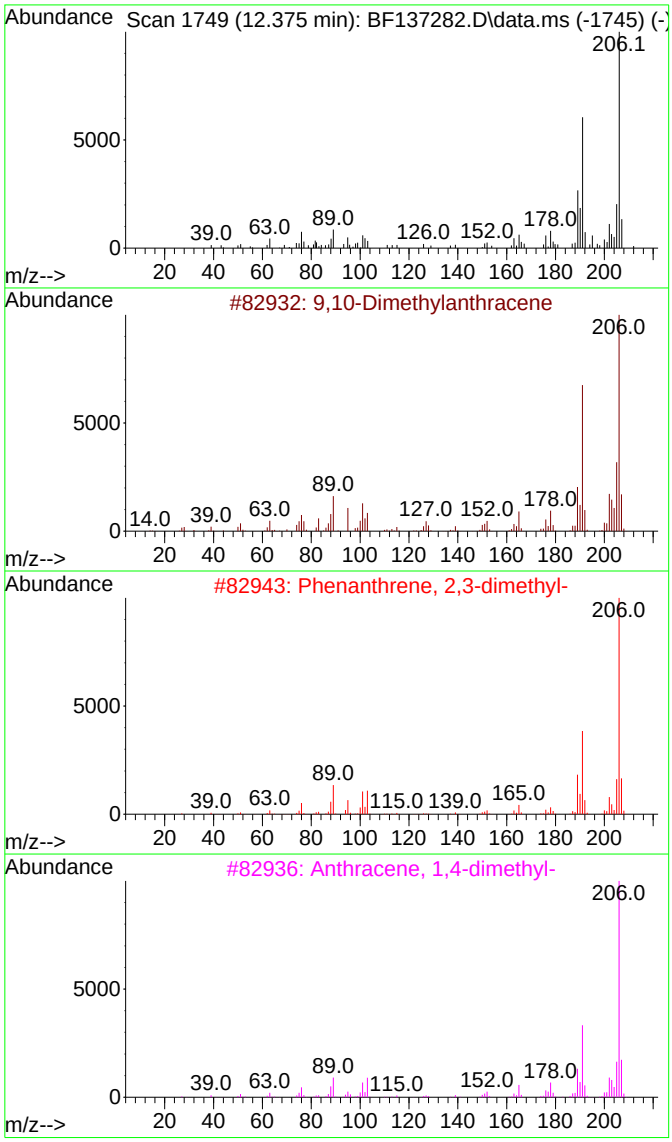
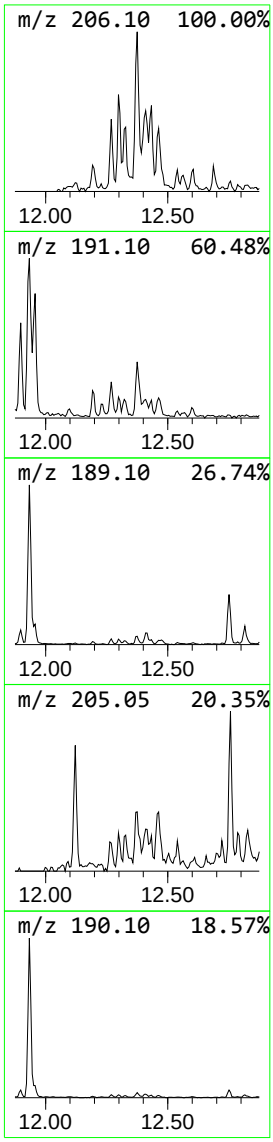
Peak Number 15 9,10-Dimethylanthracene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.374	3.02 ng	64877	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	81
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	80





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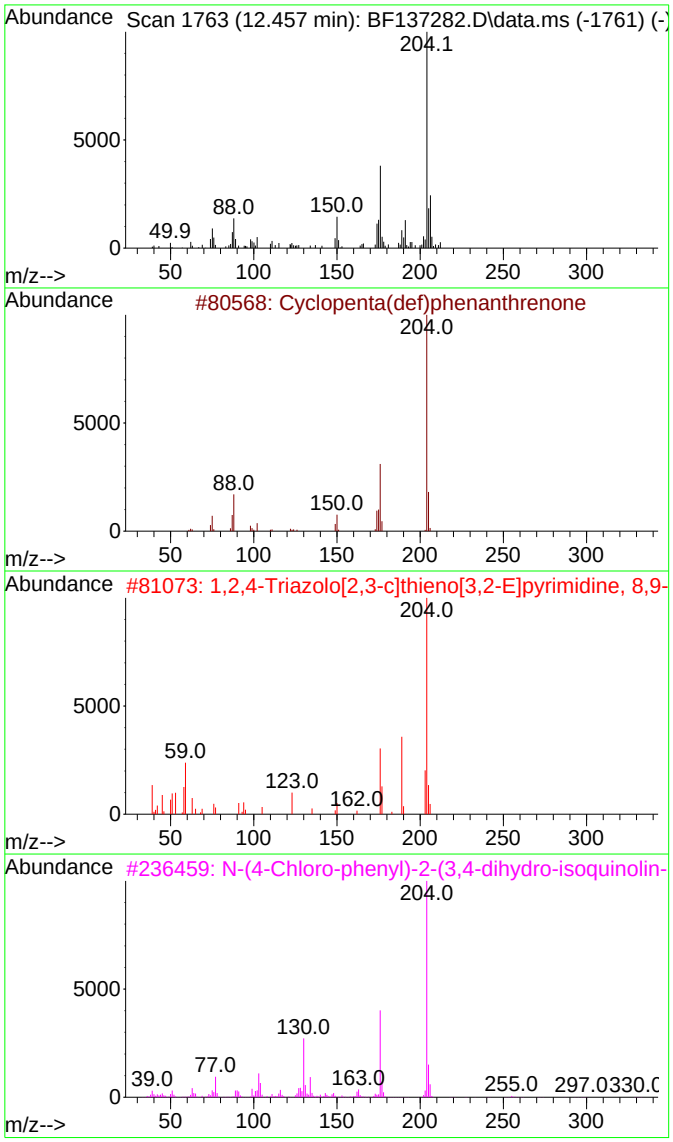
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

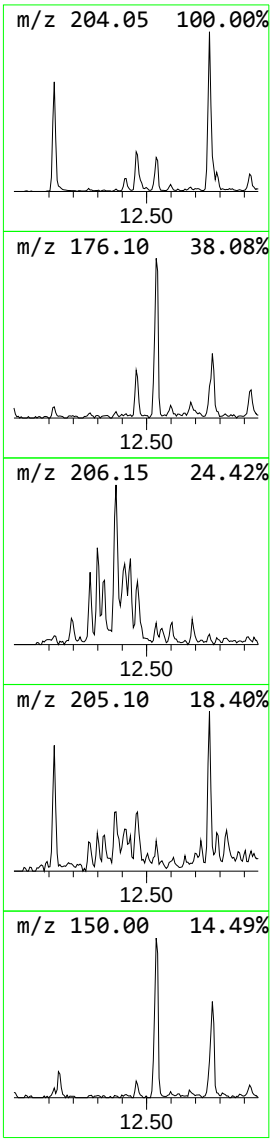
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	3.37 ng	72292	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	1,2,4-Triazolo[2,3-c]thieno[3,2-...	204	C9H8N4S	113246-88-1	53
3	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	50
4	[1,1'-Biphenyl-4-ol], 2-chloro-	204	C12H9ClO	023719-22-4	46
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	46





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Acq On : 05 Feb 2024 18:20
Operator : CG\JU
Sample : P1066-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-N-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.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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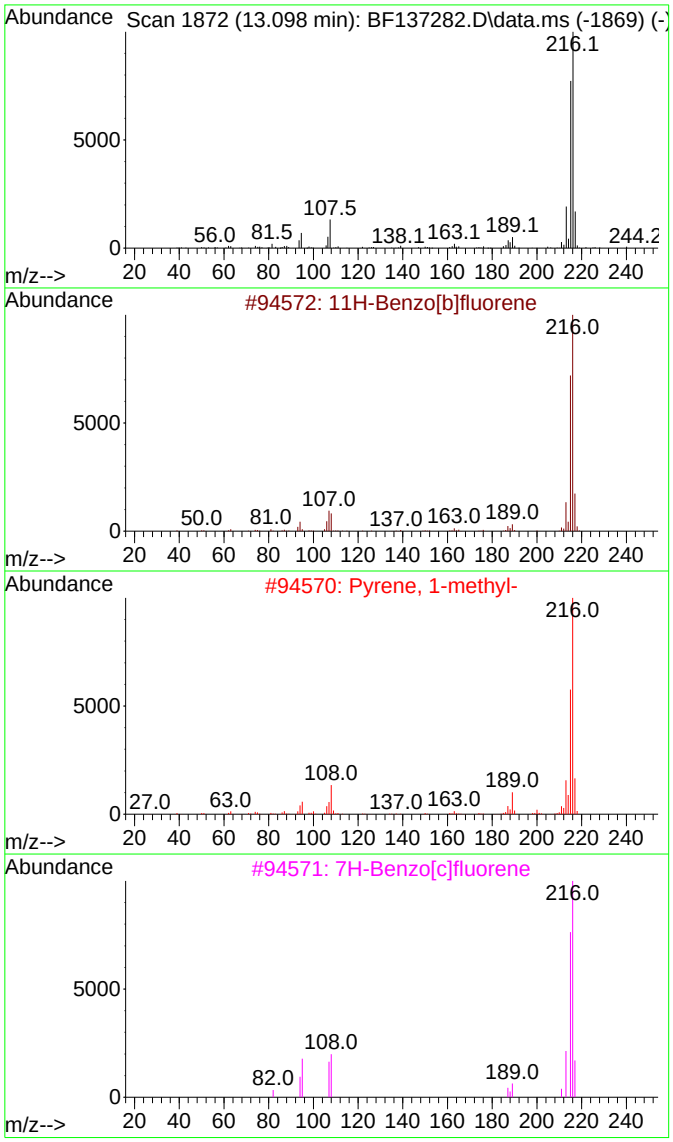
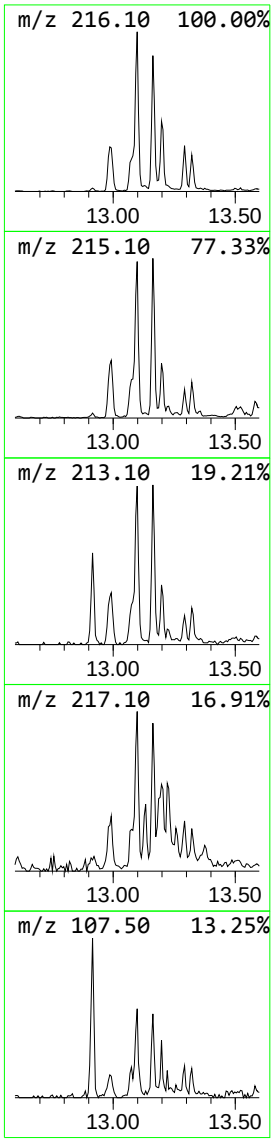
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.098	3.31 ng	210757	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
Data File : BF137282.D
Acq On : 05 Feb 2024 18:20
Operator : CG\JU
Sample : P1066-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-N-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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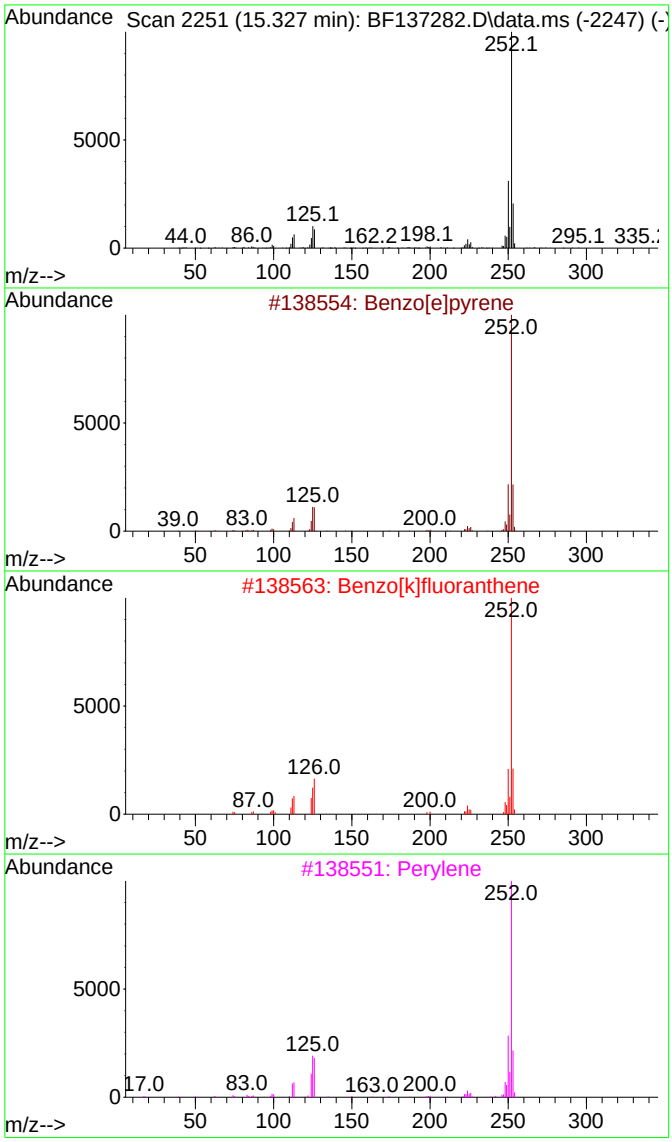
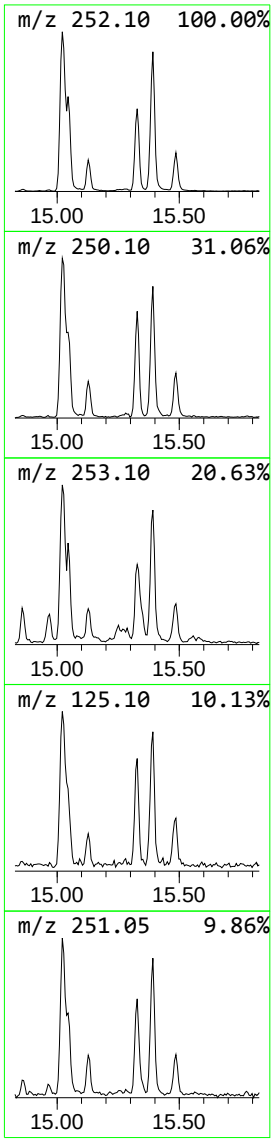
Peak Number 19 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.327	21.82 ng	283383	Perylene-d12	15.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
Data File : BF137282.D
Acq On : 05 Feb 2024 18:20
Operator : CG\JU
Sample : P1066-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-N-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.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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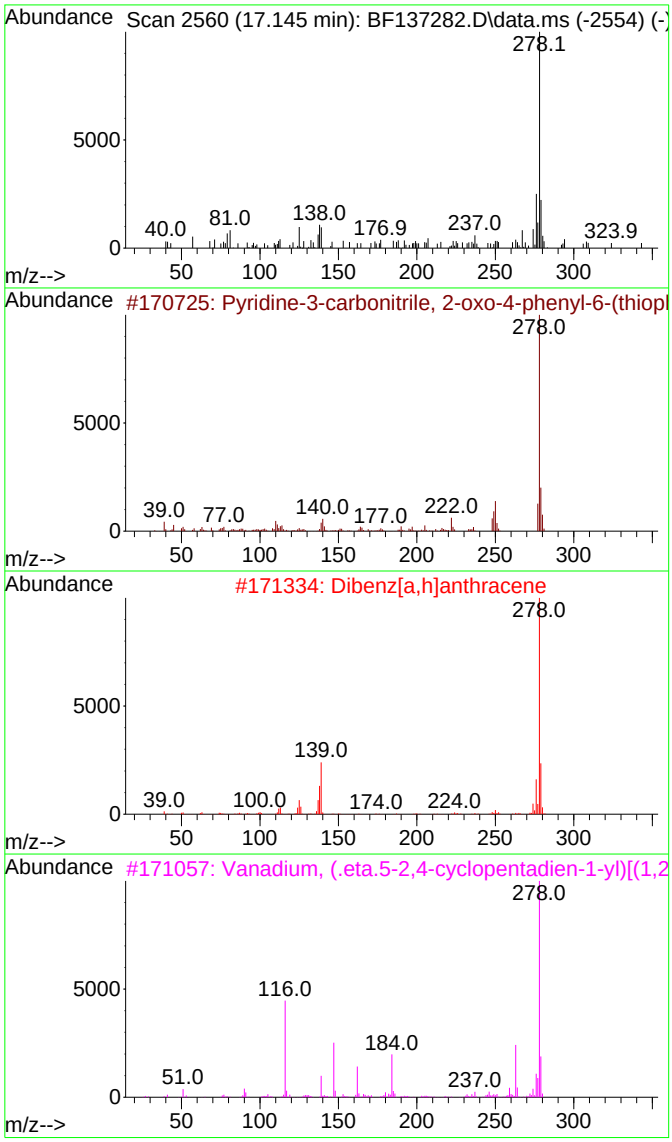
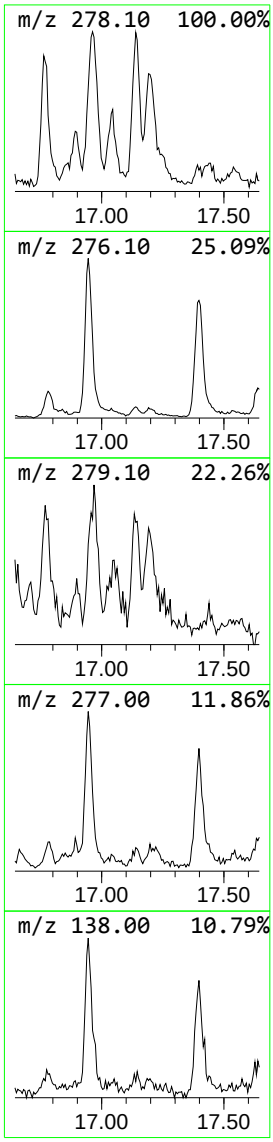
Peak Number 20 Pyridine-3-carbonitrile, 2-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.145	4.60 ng	59675	Perylene-d12	15.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine-3-carbonitrile, 2-oxo-4...	278	C16H10N2OS	1000304-72-3	70
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	70
3	Vanadium, (.eta.5-2,4-cyclopenta...	278	C17H23V	126948-97-8	64
4	Picene	278	C22H14	000213-46-7	62
5	Pentacene	278	C22H14	000135-48-8	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
Data File : BF137282.D
Acq On : 05 Feb 2024 18:20
Operator : CG\JU
Sample : P1066-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-N-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.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...	2.116	7.7	ng	138078	1	6.793	357994	20.0
2-Pentanone, 4-...	5.034	10.6	ng	189449	1	6.793	357994	20.0
unknown6.246	6.246	5.7	ng	102040	1	6.793	357994	20.0
Heptasiloxane, ...	6.528	3.1	ng	55949	1	6.793	357994	20.0
2,4,7,9-Tetrame...	9.269	4.6	ng	107333	3	9.822	471143	20.0
9H-Fluoren-9-one	11.122	3.6	ng	77092	4	11.316	429529	20.0
Dibenzothiophene	11.210	5.9	ng	126014	4	11.316	429529	20.0
Phenanthrene, 2...	11.822	6.8	ng	147041	4	11.316	429529	20.0
Phenanthrene, 1...	11.851	11.6	ng	248790	4	11.316	429529	20.0
1H-Indene, 2-ph...	11.898	3.7	ng	78973	4	11.316	429529	20.0
4H-Cyclopenta[d...	11.933	13.9	ng	298246	4	11.316	429529	20.0
Anthracene, 1-m...	11.957	4.3	ng	91520	4	11.316	429529	20.0
Naphthalene, 2-...	12.122	5.1	ng	108655	4	11.316	429529	20.0
9,10-Anthracene...	12.139	3.7	ng	80351	4	11.316	429529	20.0
9,10-Dimethylan...	12.374	3.0	ng	64877	4	11.316	429529	20.0
Cyclopenta(def)...	12.457	3.4	ng	72292	4	11.316	429529	20.0
11H-Benzo[b]flu...	13.098	3.3	ng	210757	5	13.974	1273380	20.0
Benzo[e]pyrene	15.327	21.8	ng	283383	6	15.457	259689	20.0
Pyridine-3-carb...	17.145	4.6	ng	59675	6	15.457	259689	20.0