LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126370.D
Acq On : 27 Dec 2021 22:46
Operator : JU/CG
Sample : M5230-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PSC124019

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-BF121521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126370.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.228	191	194	203	rBV	20252	46888	1.99%	0.151%
2	5.004	493	496	504	rVB	61736	73896	3.14%	0.238%
3	5.416	562	566	580	rVB	1863276	1785309	75.87%	5.746%
4	6.434	734	739	742	rBV	1828236	1744340	74.13%	5.614%
5	6.810	799	803	806	rBV	762890	608483	25.86%	1.958%
6	7.069	843	847	854	rVB	53069	43614	1.85%	0.140%
7	7.369	893	898	901	rBV	1313640	1104494	46.94%	3.555%
8	8.092	1017	1021	1023	rBV	917739	816426	34.70%	2.628%
9	8.110	1023	1024	1028	rVB	670801	506370	21.52%	1.630%
10	8.445	1078	1081	1085	rBV	46382	41976	1.78%	0.135%
11	8.804	1138	1142	1148	rBV	830637	661867	28.13%	2.130%
12	8.904	1154	1159	1162	rBV	398543	310865	13.21%	1.000%
13	9.169	1200	1204	1207	rBV	1906592	1521553	64.66%	4.897%
14	9.269	1214	1221	1226	rBV	229347	196124	8.33%	0.631%
15	9.363	1234	1237	1244	rVB	64110	58452	2.48%	0.188%
16	9.433	1244	1249	1253	rBV	82374	109580	4.66%	0.353%
17	9.504	1257	1261	1264	rBV	114927	110915	4.71%	0.357%
18	9.533	1264	1266	1269	rVB	65123	53440	2.27%	0.172%
19	9.622	1279	1281	1286	rVB	44742	42811	1.82%	0.138%
20	9.704	1289	1295	1299	rBV	121283	101571	4.32%	0.327%
21	9.845	1313	1319	1322	rBV	799442	687020	29.20%	2.211%
22	9.881	1322	1325	1328	rVB	1144685	897231	38.13%	2.888%
23	10.051	1350	1354	1357	rBV	583409	463159	19.68%	1.491%
24	10.257	1384	1389	1392	rBV2	27987	42673	1.81%	0.137%
25	10.392	1409	1412	1418	rVB	894019	720354	30.61%	2.318%
26	10.445	1418	1421	1422	rVV	36937	36352	1.54%	0.117%
27	10.457	1422	1423	1425	rVV	70340	57007	2.42%	0.183%
28	10.480	1425	1427	1429	rVV	98327	74951	3.19%	0.241%
29	10.528	1433	1435	1437	rVV	56071	46274	1.97%	0.149%
30	10.551	1437	1439	1443	rVB	112513	85804	3.65%	0.276%
31	10.633	1449	1453	1457	rBV	887071	830081	35.28%	2.671%
32	10.757	1472	1474	1478	rVB2	38388	38913	1.65%	0.125%
33	10.939	1499	1505	1508	rBV2	83310	107703	4.58%	0.347%
34	10.969	1508	1510	1513	rVV2	42902	35076	1.49%	0.113%
35	11.133	1535	1538	1543	rVB	82470	75799	3.22%	0.244%
36	11.192	1543	1548	1551	rBV3	39934	69604	2.96%	0.224%

LSC Area Percent Report

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Sample : M5230-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PSC124019

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-BF121521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.227	1551	1554	1560	rVB	219504	193978	8.24%	0.624%
38	11.333	1568	1572	1573	rBV	598912	524374	22.29%	1.688%
39	11.357	1573	1576	1579	rVV	2476034	2353024	100.00%	7.573%
40	11.404	1579	1584	1587	rVV	427052	415143	17.64%	1.336%
41	11.439	1587	1590	1594	rVB	116166	97737	4.15%	0.315%
42	11.557	1604	1610	1613	rBV2	259527	274334	11.66%	0.883%
43	11.833	1652	1657	1659	rBV	186857	162825	6.92%	0.524%
44	11.863	1659	1662	1666	rVV	267907	236326	10.04%	0.761%
45	11.910	1666	1670	1673	rVV2	99813	101433	4.31%	0.326%
46	11.945	1673	1676	1679	rVV	419397	421860	17.93%	1.358%
47	11.969	1679	1680	1684	rVB	96564	48302	2.05%	0.155%
48	12.127	1704	1707	1709	rBV	137519	114936	4.88%	0.370%
49	12.151	1709	1711	1715	rVB	60923	52050	2.21%	0.168%
50	12.274	1727	1732	1735	rBV2	34195	36833	1.57%	0.119%
51	12.310	1735	1738	1740	rVV2	36538	35279	1.50%	0.114%
52	12.380	1746	1750	1753	rBV	63704	74970	3.19%	0.241%
53	12.422	1753	1757	1759	rVV3	41145	52294	2.22%	0.168%
54	12.469	1762	1765	1770	rVV2	53966	64286	2.73%	0.207%
55	12.545	1774	1778	1782	rVV	1897407	1802957	76.62%	5.803%
56	12.604	1784	1788	1792	rVV2	43618	59650	2.54%	0.192%
57	12.692	1796	1803	1811	rBV3	68258	112701	4.79%	0.363%
58	12.774	1811	1817	1820	rBV	1523240	1675204	71.19%	5.391%
59	12.822	1823	1825	1831	rVB2	69505	64174	2.73%	0.207%
60	12.892	1833	1837	1838	rBV	95993	80642	3.43%	0.260%
61	12.921	1838	1842	1847	rVB	1305670	1342264	57.04%	4.320%
62	12.992	1849	1854	1857	rBV2	77873	128739	5.47%	0.414%
63	13.074	1862	1868	1870	rBV5	71209	114201	4.85%	0.368%
64	13.104	1870	1873	1876	rVB	288911	269186	11.44%	0.866%
65	13.169	1880	1884	1886	rBV	340493	288058	12.24%	0.927%
66	13.204	1886	1890	1892	rVV2	117764	127588	5.42%	0.411%
67	13.227	1892	1894	1897	rVB2	72570	65662	2.79%	0.211%
68	13.298	1902	1906	1908	rBV	49747	44419	1.89%	0.143%
69	13.327	1908	1911	1917	rBV2	56191	60412	2.57%	0.194%
70	13.586	1951	1955	1956	rBV3	35492	44012	1.87%	0.142%
71	13.604	1956	1958	1963	rVB	48762	65537	2.79%	0.211%
72	13.721	1973	1978	1980	rBV	137692	152326	6.47%	0.490%
73	13.751	1980	1983	1984	rVV	102906	96368	4.10%	0.310%
74	13.769	1984	1986	1991	rVV2	82325	120350	5.11%	0.387%
75	13.810	1991	1993	1998	rVB3	47944	51833	2.20%	0.167%
76	13.863	2000	2002	2004	rBV2	34947	41802	1.78%	0.135%

LSC Area Percent Report

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Acq On : 27 Dec 2021 22:46
Operator : JU/CG
Sample : M5230-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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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-BF121521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.886	2004	2006	2012	rVB	63092	80349	3.41%	0.259%
78	13.963	2012	2019	2023	rBV2	975681	1550858	65.91%	4.991%
79	13.998	2023	2025	2030	rVB	518761	449851	19.12%	1.448%
80	14.074	2033	2038	2041	rBV2	144385	152179	6.47%	0.490%
81	14.192	2054	2058	2062	rVB2	52936	71119	3.02%	0.229%
82	14.298	2071	2076	2078	rBV4	28630	40641	1.73%	0.131%
83	14.321	2078	2080	2082	rVV	38724	34719	1.48%	0.112%
84	14.357	2082	2086	2089	rVV	98206	116995	4.97%	0.377%
85	14.392	2089	2092	2095	rVB2	58236	60046	2.55%	0.193%
86	14.451	2098	2102	2104	rVV3	68308	71754	3.05%	0.231%
87	14.480	2104	2107	2109	rVV3	65932	65889	2.80%	0.212%
88	14.504	2109	2111	2114	rVV2	64404	59605	2.53%	0.192%
89	14.551	2114	2119	2126	rVB7	39459	78816	3.35%	0.254%
90	14.657	2134	2137	2141	rBV5	41707	64563	2.74%	0.208%
91	14.827	2163	2166	2172	rBV3	48099	80444	3.42%	0.259%
92	14.998	2190	2195	2198	rBV	324908	478110	20.32%	1.539%
93	15.104	2211	2213	2218	rVB	62100	56143	2.39%	0.181%
94	15.298	2241	2246	2252	rVB	157159	204715	8.70%	0.659%
95	15.357	2252	2256	2261	rBV	195702	236775	10.06%	0.762%
96	15.415	2261	2266	2270	rBV	478409	636388	27.05%	2.048%
97	15.892	2343	2347	2351	rBV2	27686	37754	1.60%	0.122%
98	16.668	2475	2479	2487	rVB8	15359	42120	1.79%	0.136%
99	16.839	2503	2508	2516	rVB3	36791	70161	2.98%	0.226%
100	17.262	2576	2580	2588	rVB3	28030	56952	2.42%	0.183%

Sum of corrected areas: 31071990

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126370.D
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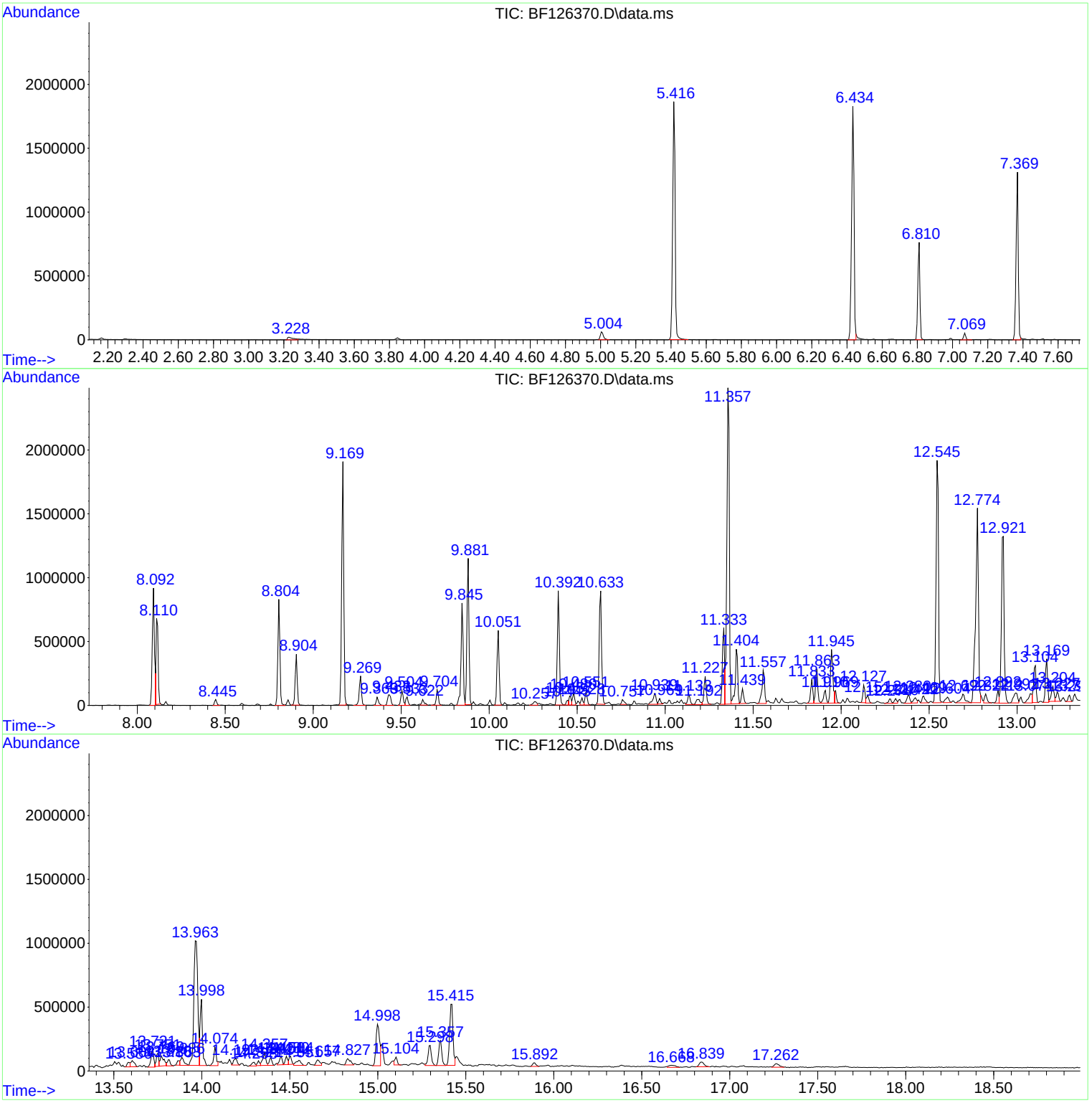
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PSC124019

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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\BF122721\
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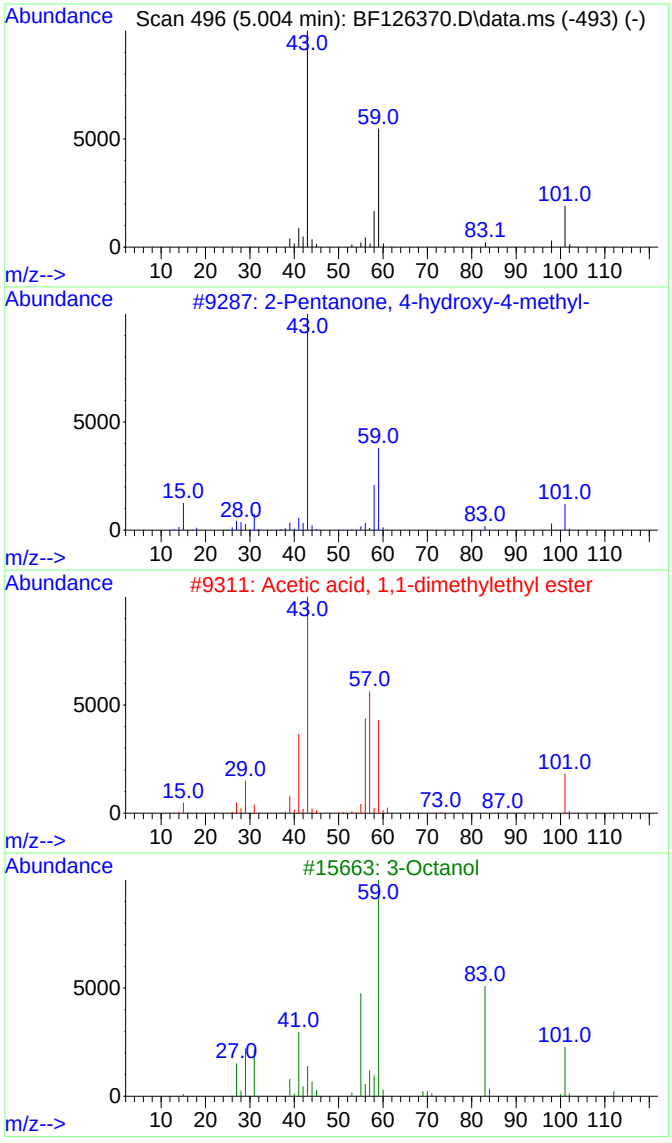
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

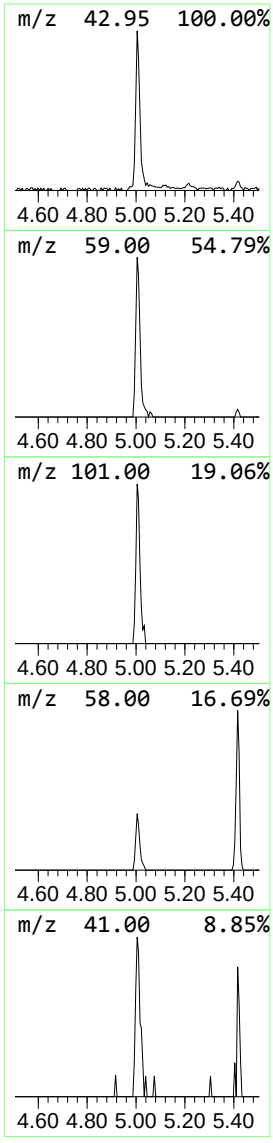
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.004	2.43 ng	73896	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Octanol	130	C8H18O	000589-98-0	33
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126370.D
Acq On : 27 Dec 2021 22:46
Operator : JU/CG
Sample : M5230-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

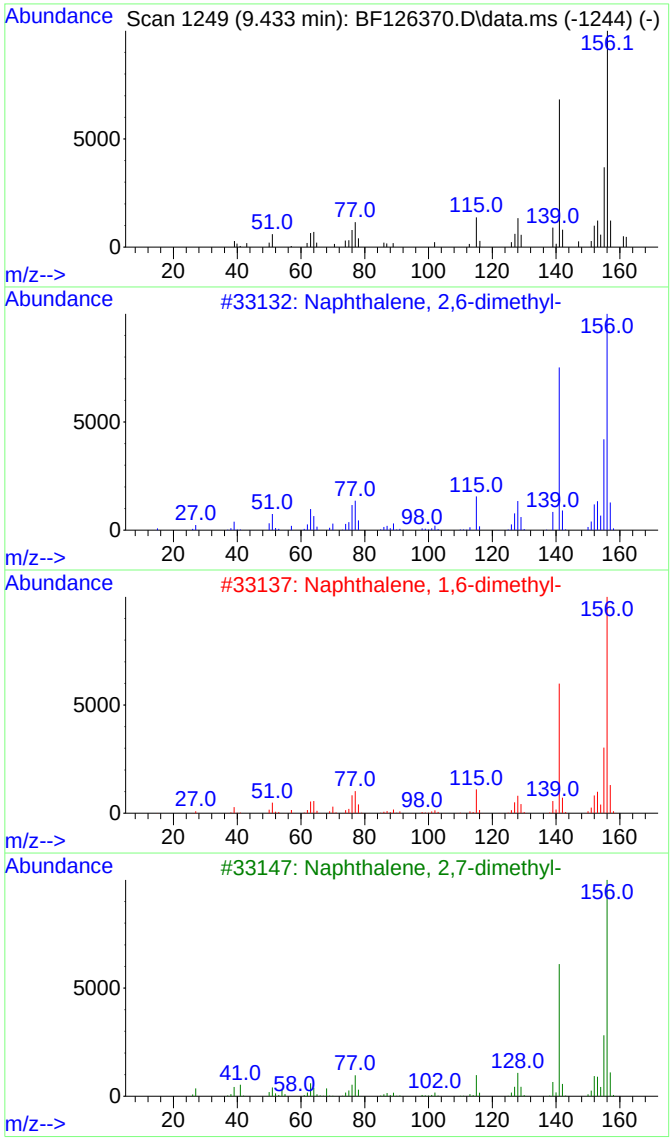
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

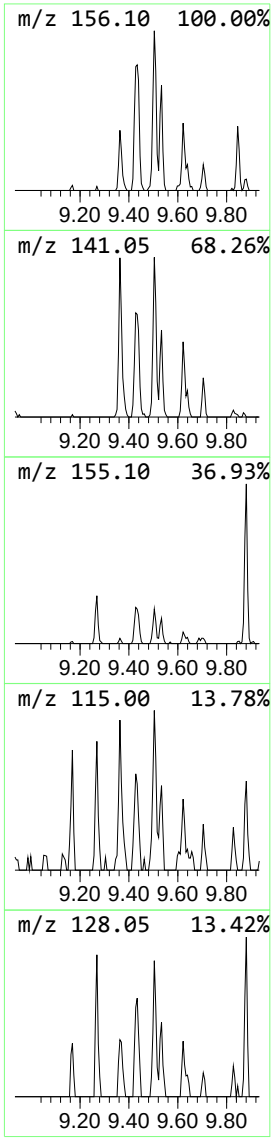
****

Peak Number 2 Naphthalene, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.433	3.19 ng	109580	Acenaphthene-d10	9.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

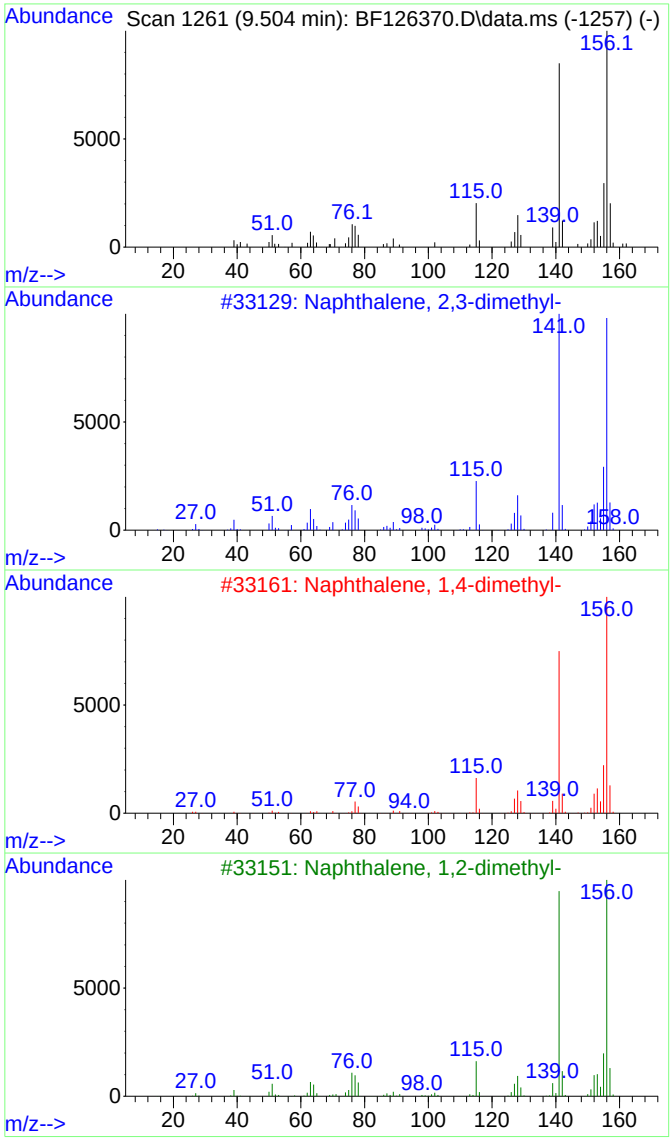
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

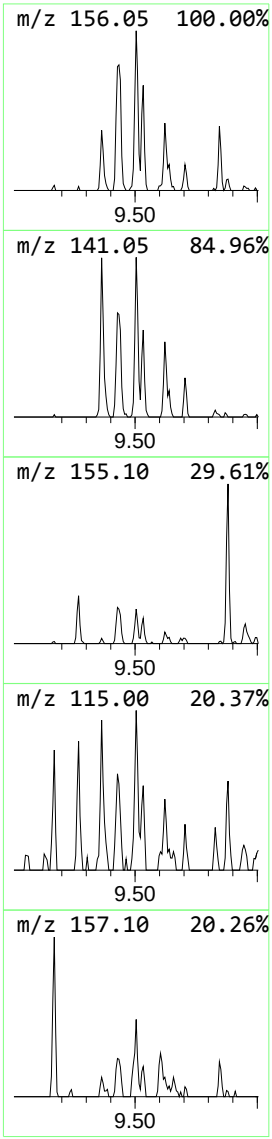
****

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.504	3.23 ng	110915	Acenaphthene-d10	9.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





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BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

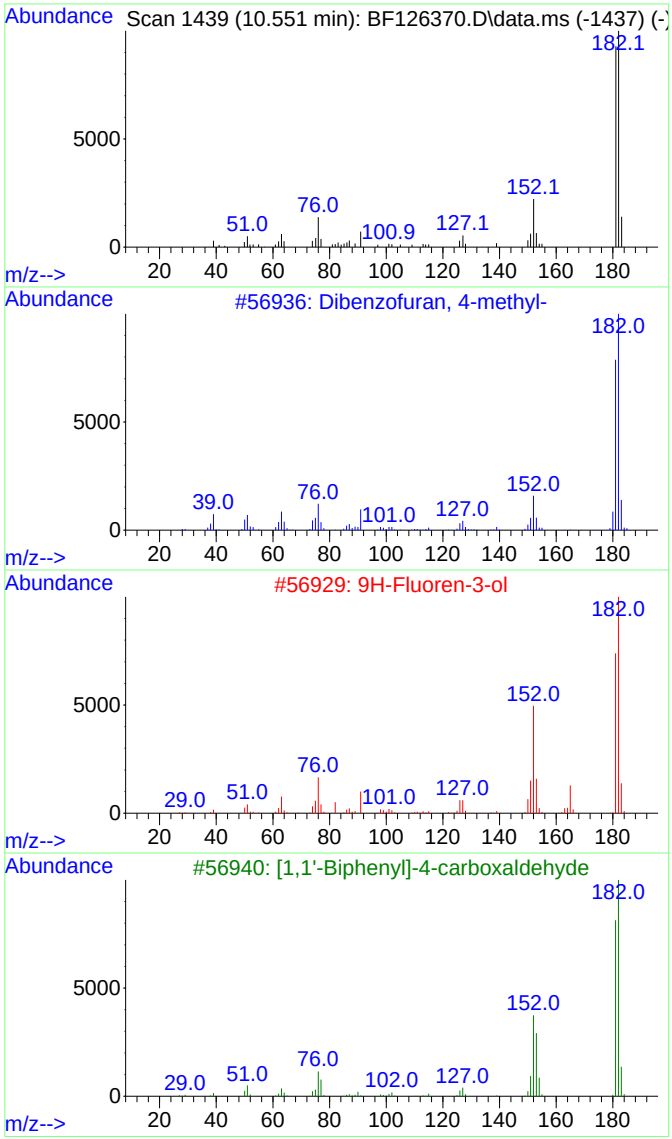
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

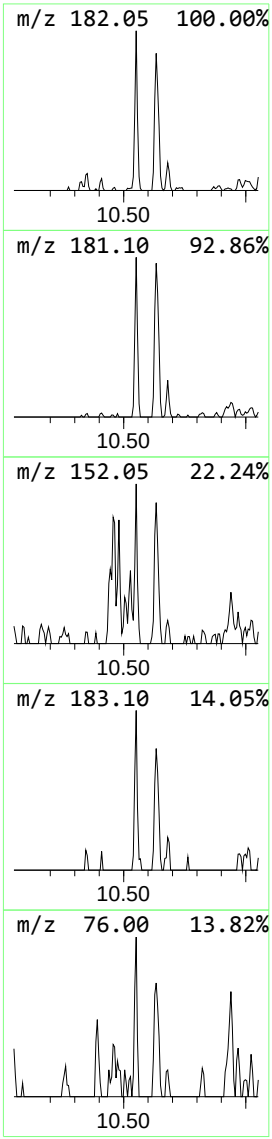
****

Peak Number 4 Dibenzofuran, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.551	2.50 ng	85804	Acenaphthene-d10	9.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	93
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	91
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126370.D
Acq On : 27 Dec 2021 22:46
Operator : JU/CG
Sample : M5230-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PSC124019

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

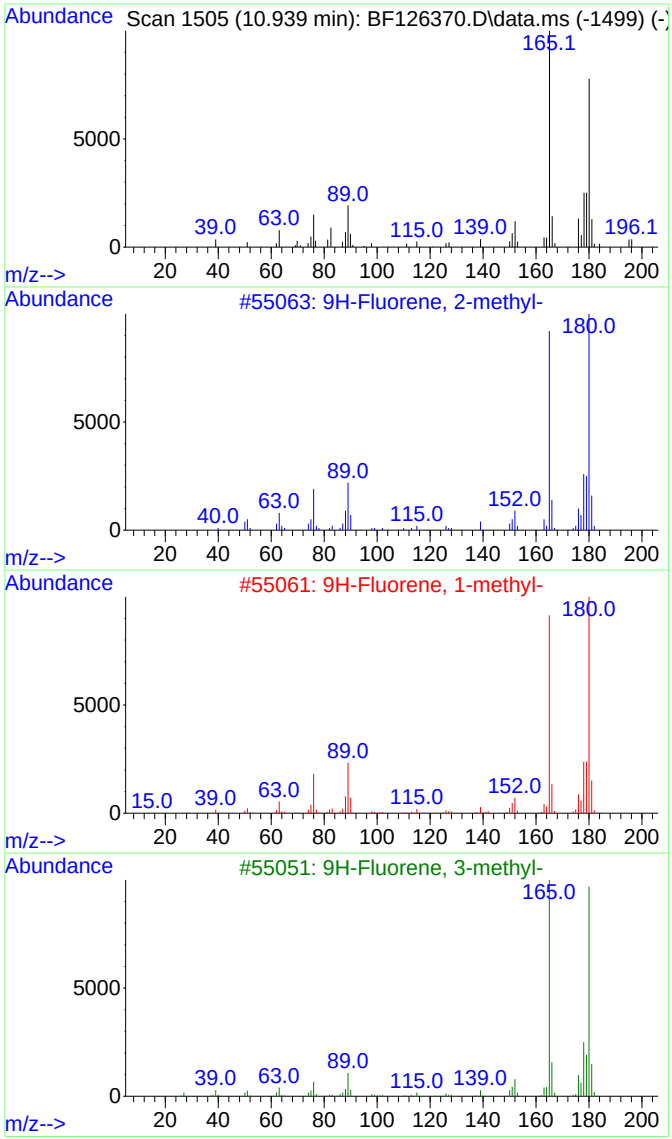
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

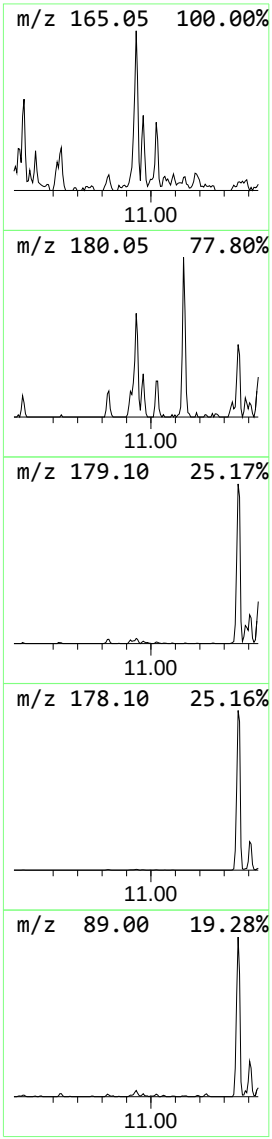
****

Peak Number 5 9H-Fluorene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.939	4.11 ng	107703	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	98
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	96
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	95
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	95





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Sample : M5230-09
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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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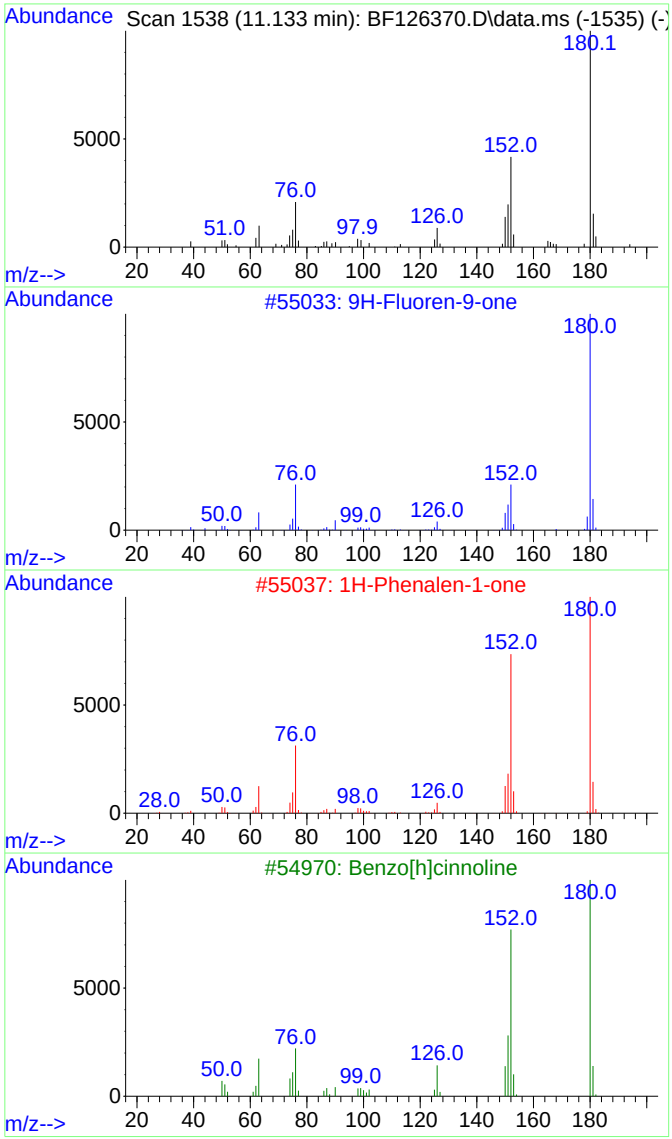
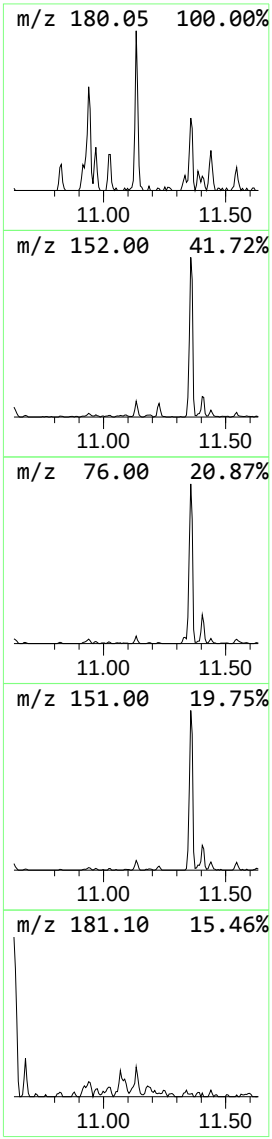
Peak Number 6 9H-Fluoren-9-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.133	2.89 ng	75799	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2	1H-Phenalen-1-one	180	C13H8O	000548-39-0	78
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	62
4	2-Benzothiazolamine, 4-methoxy-	180	C8H8N2OS	005464-79-9	50
5	6-Chlorochromone	180	C9H5ClO2	033533-99-2	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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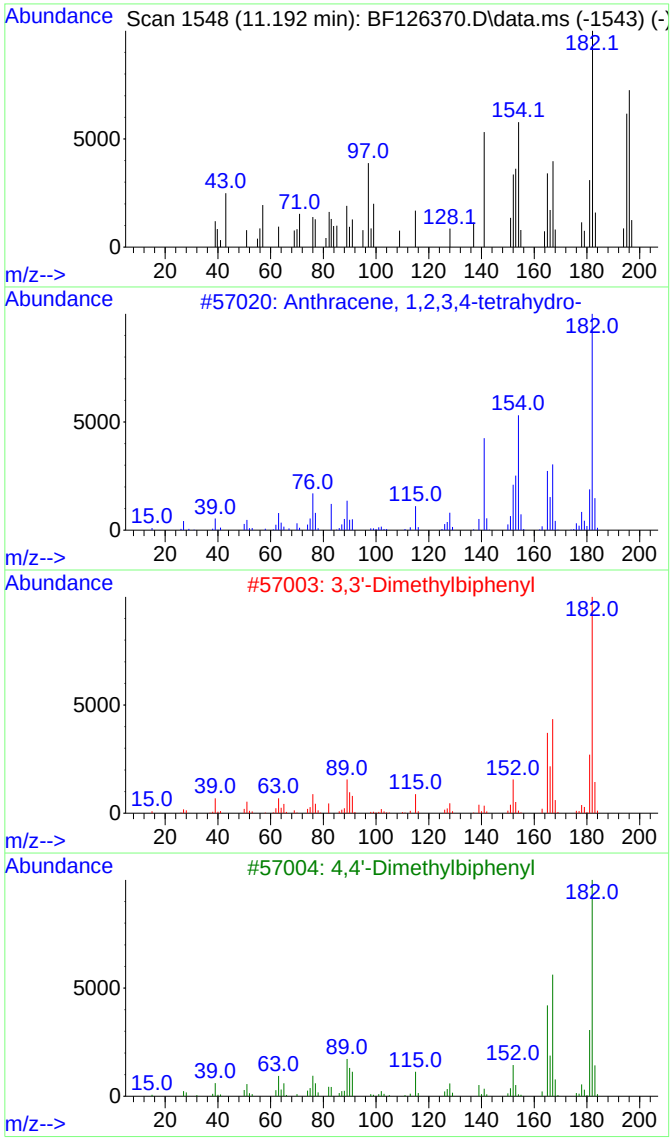
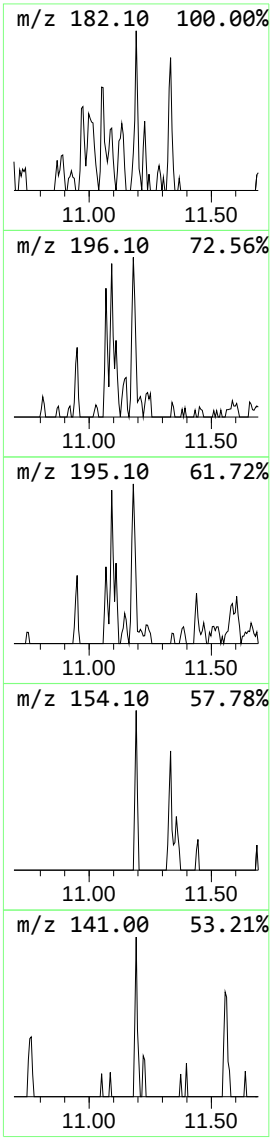
Peak Number 7 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.192	2.65 ng	69604	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	97
2	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	46
3	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	46
4	Dehydrochamazulene	182	C14H14	321732-25-6	46
5	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	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

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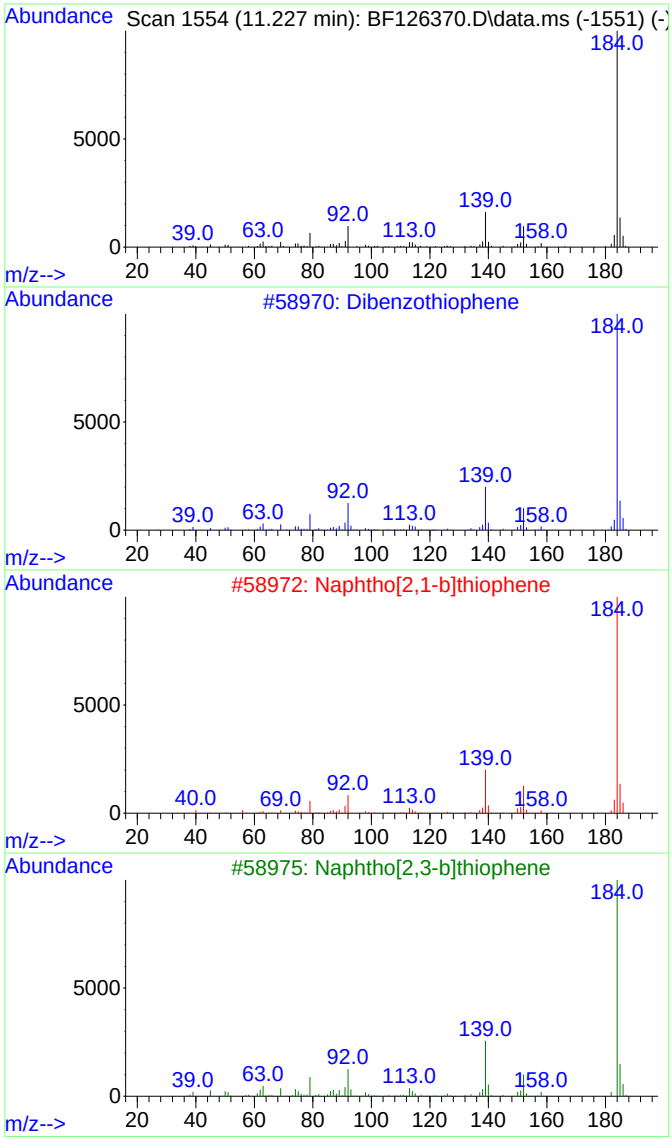
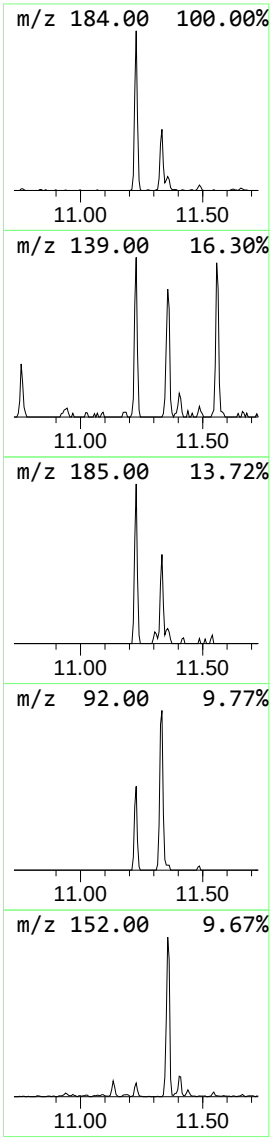
Peak Number 8 Dibenzothiophene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	7.40 ng	193978	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	64





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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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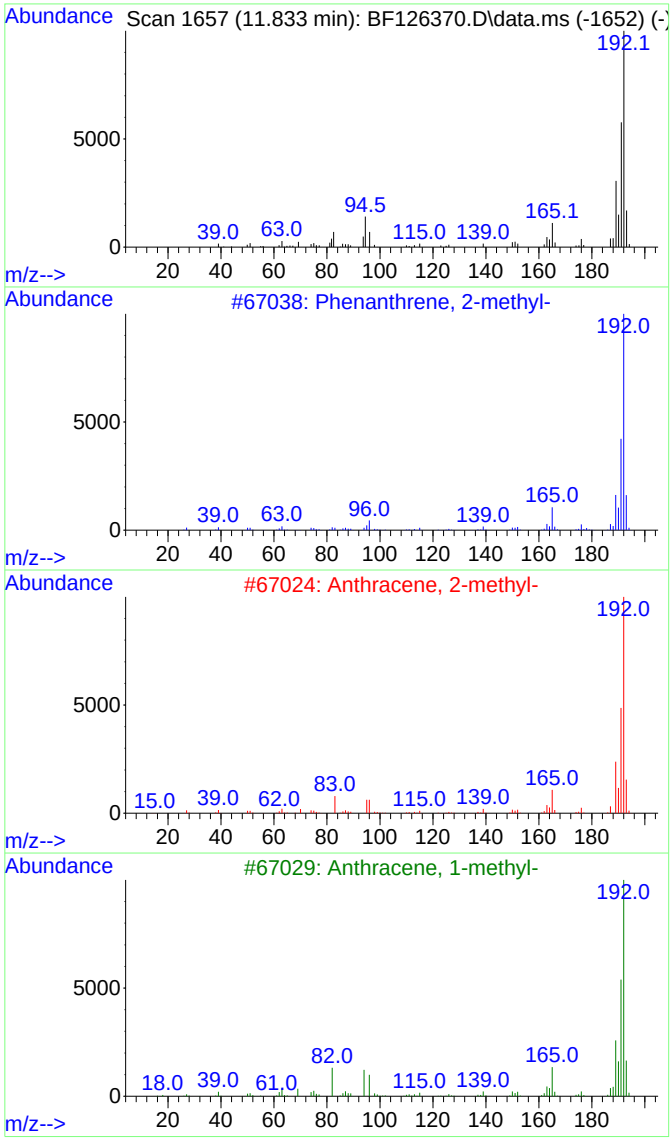
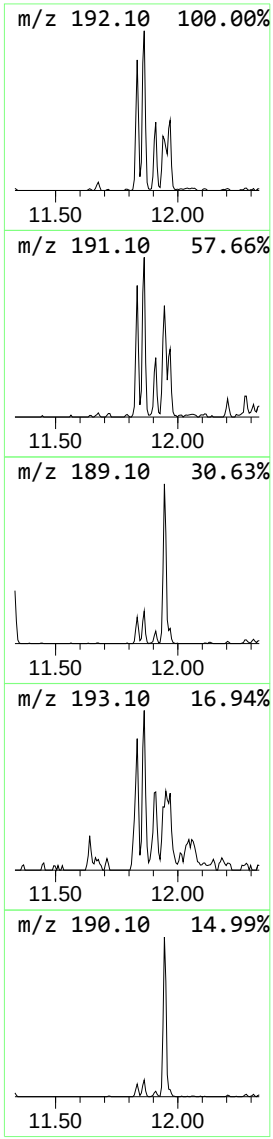
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.833	6.21 ng	162825	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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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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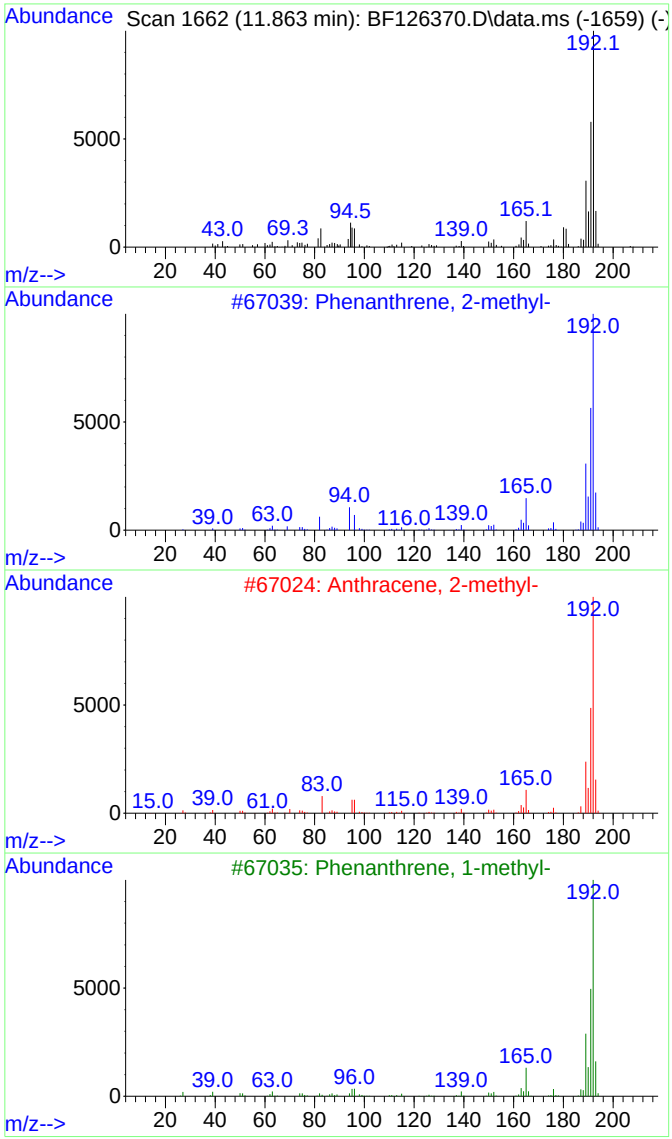
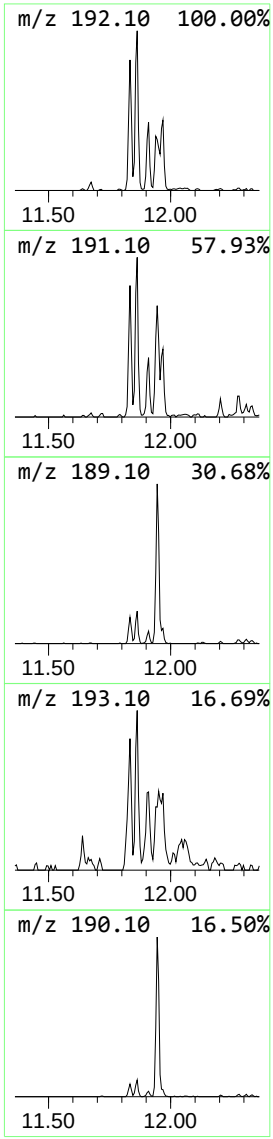
Peak Number 10 Anthracene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	9.01 ng	236326	Phenanthrene-d10	11.333

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	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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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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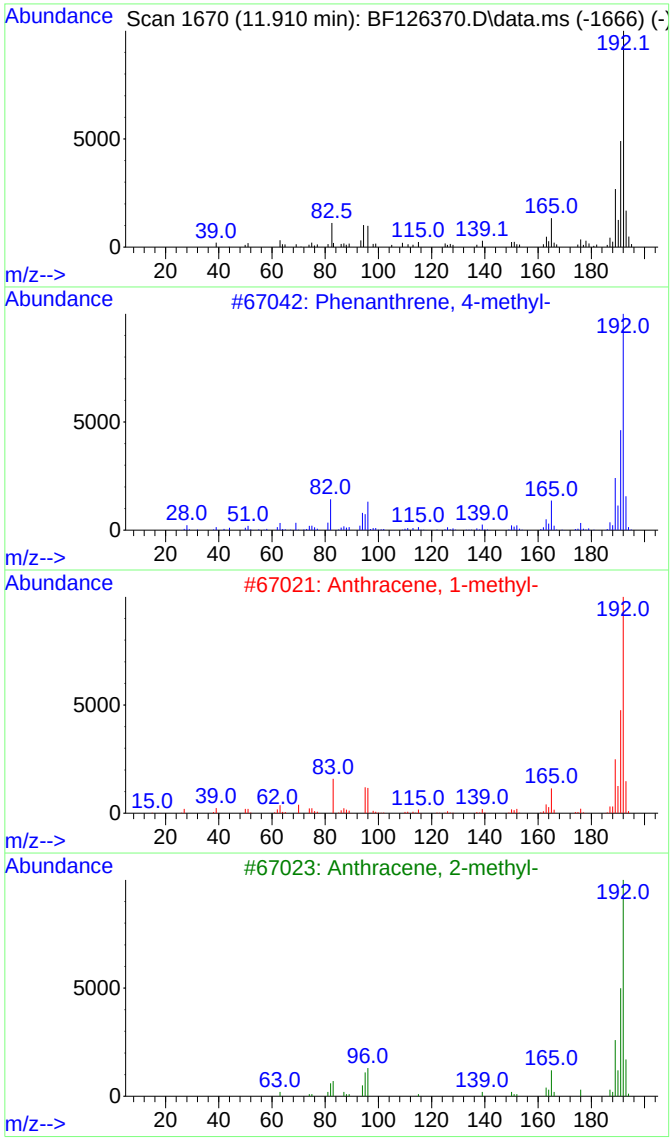
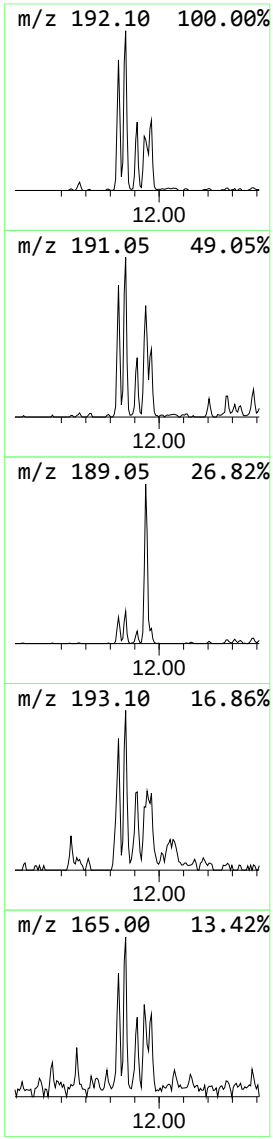
Peak Number 11 Phenanthrene, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	3.87 ng	101433	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





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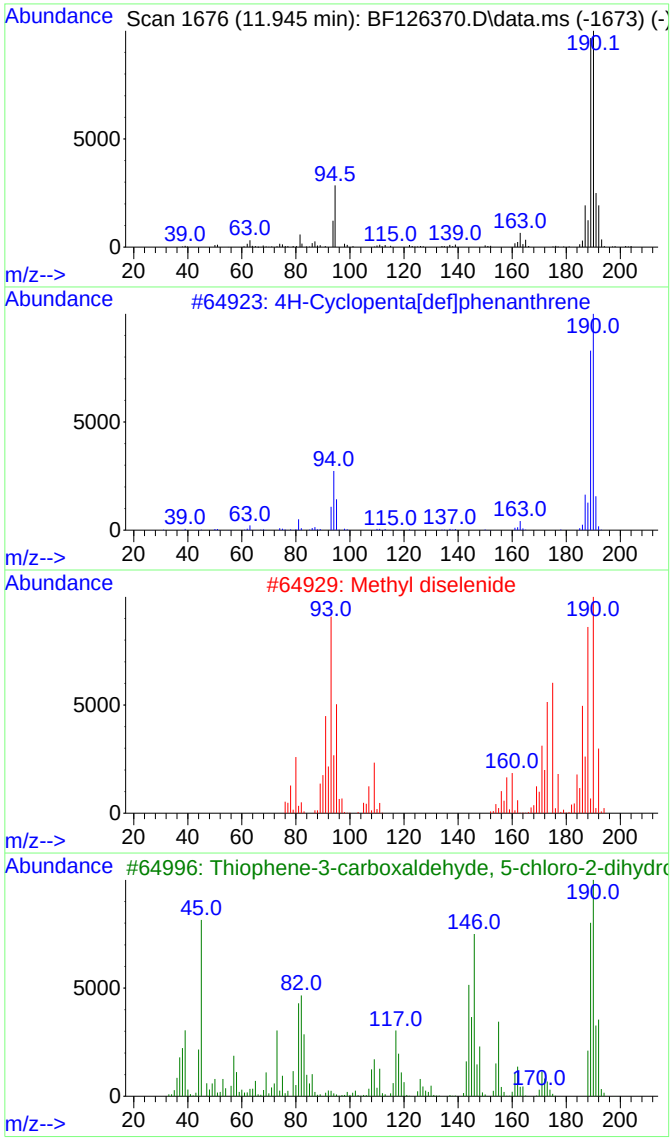
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

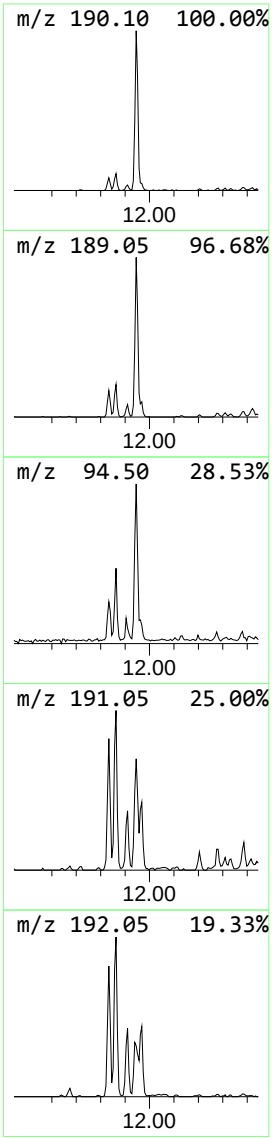
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	16.09 ng	421860	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	Methyl diselenide	190	C2H6Se2	007101-31-7	45
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	38
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	28
5	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	22





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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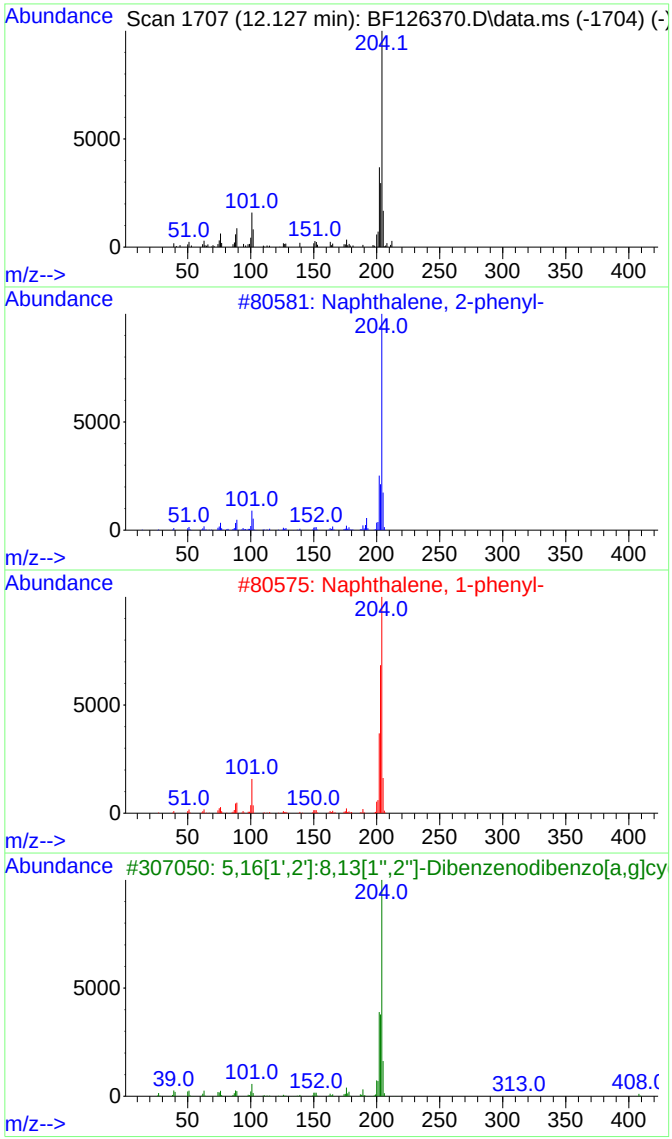
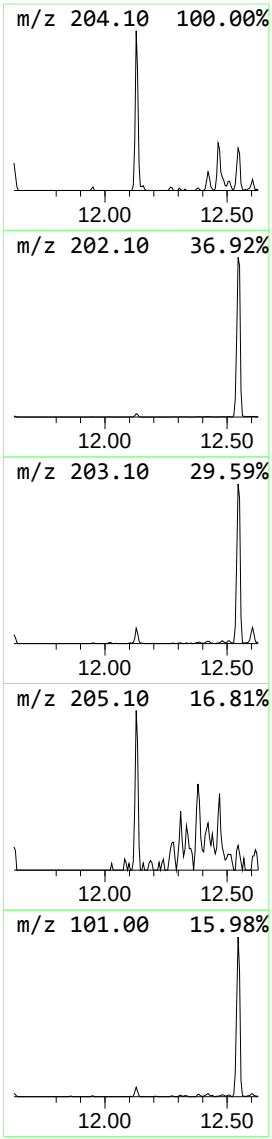
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.127	4.38 ng	114936	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	93
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	52





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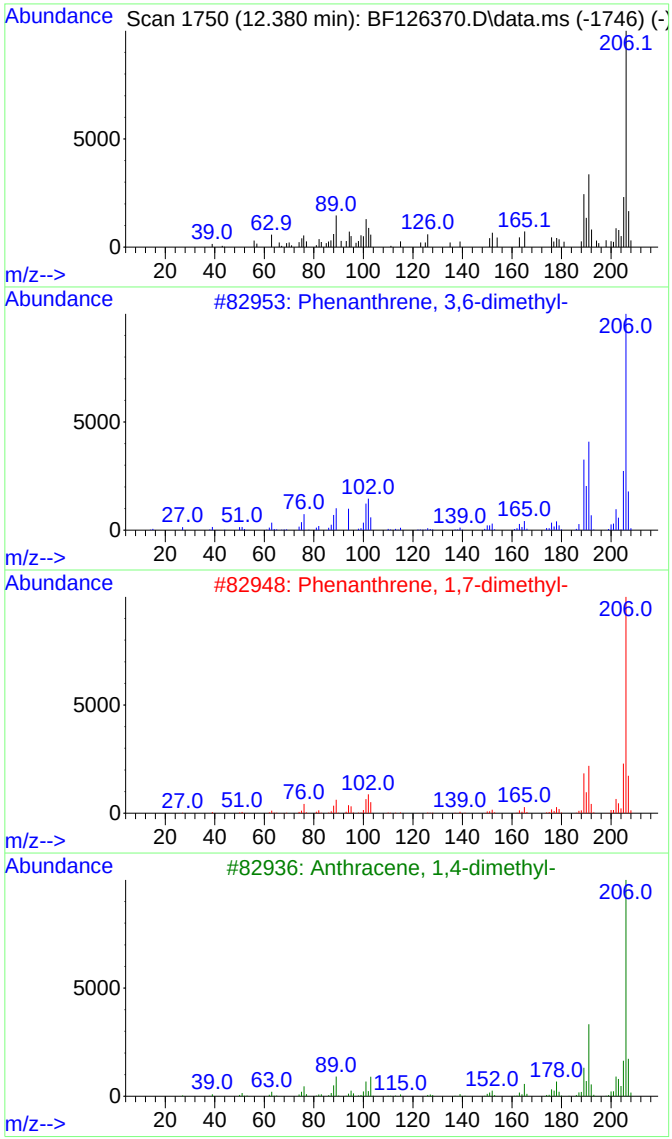
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

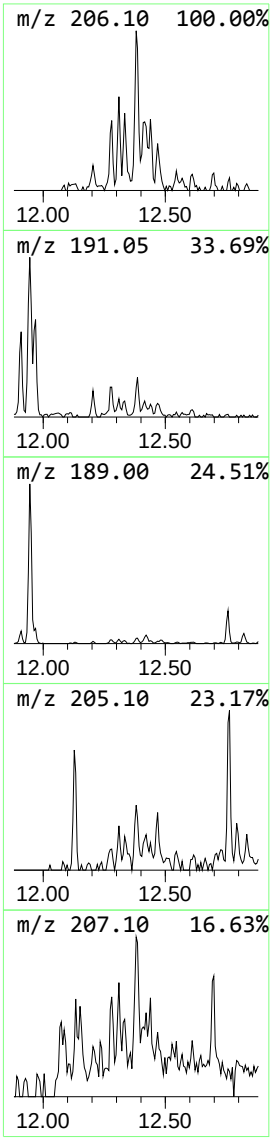
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.380	2.86 ng	74970	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	97
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	96
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	95
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	94





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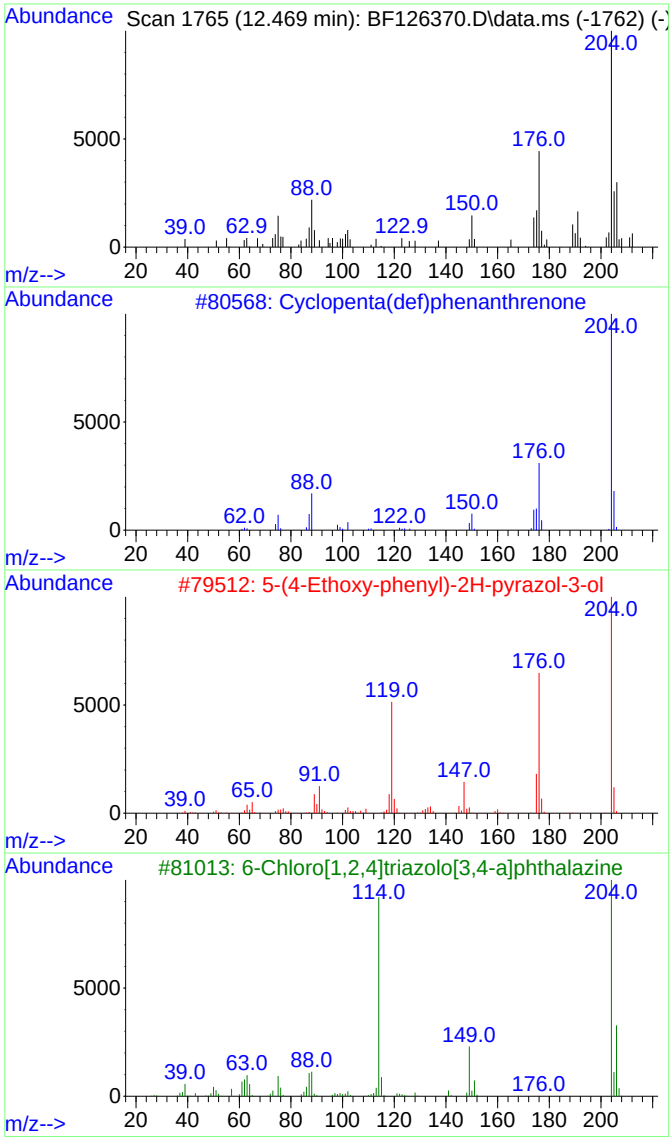
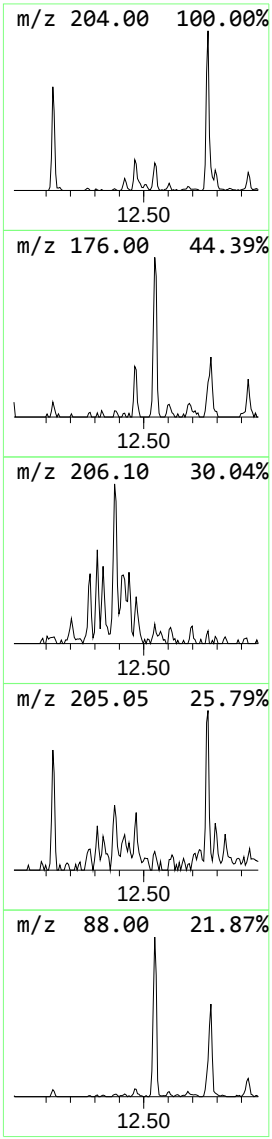
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	2.45 ng	64286	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	58
2	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	43
3	6-Chloro[1,2,4]triazolo[3,4-a]ph...	204	C9H5ClN4	052494-53-8	43
4	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
5	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	38





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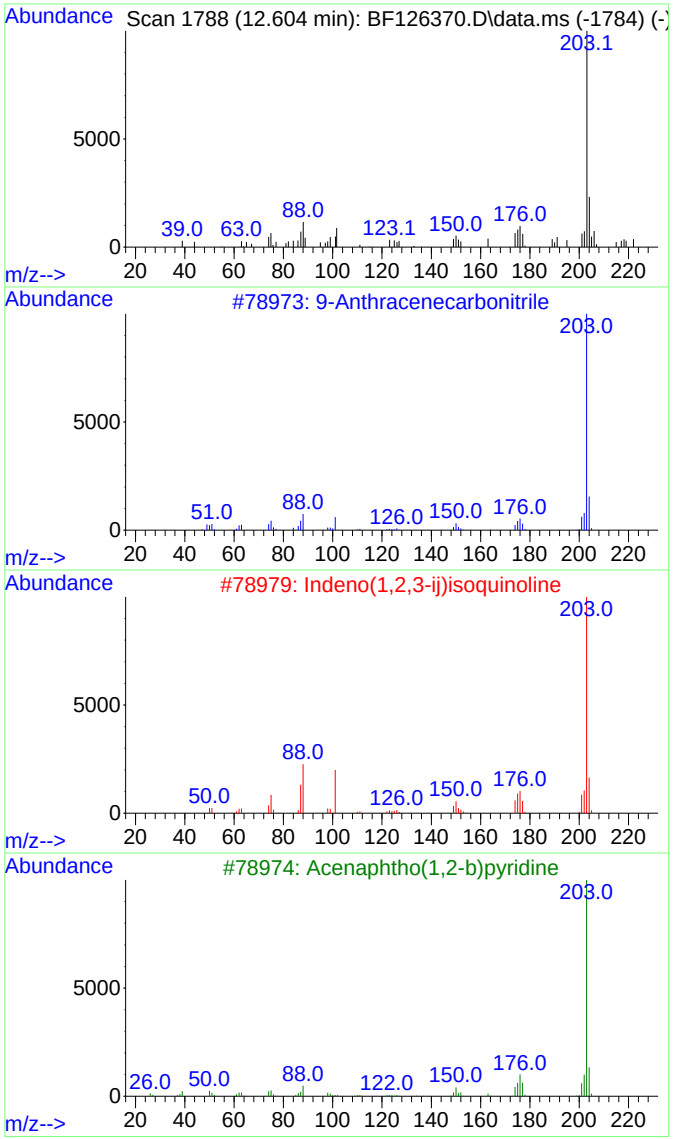
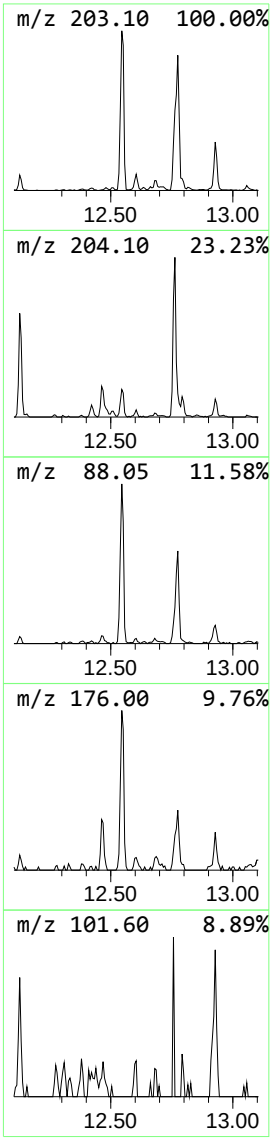
Peak Number 16 9-Anthracenecarbonitrile Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.604	2.28 ng	59650	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	93
2	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	81
3	Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	76
4	9-Cyanophenanthrene	203	C15H9N	002510-55-6	76
5	9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	76





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ClientSampleId :
PSC124019

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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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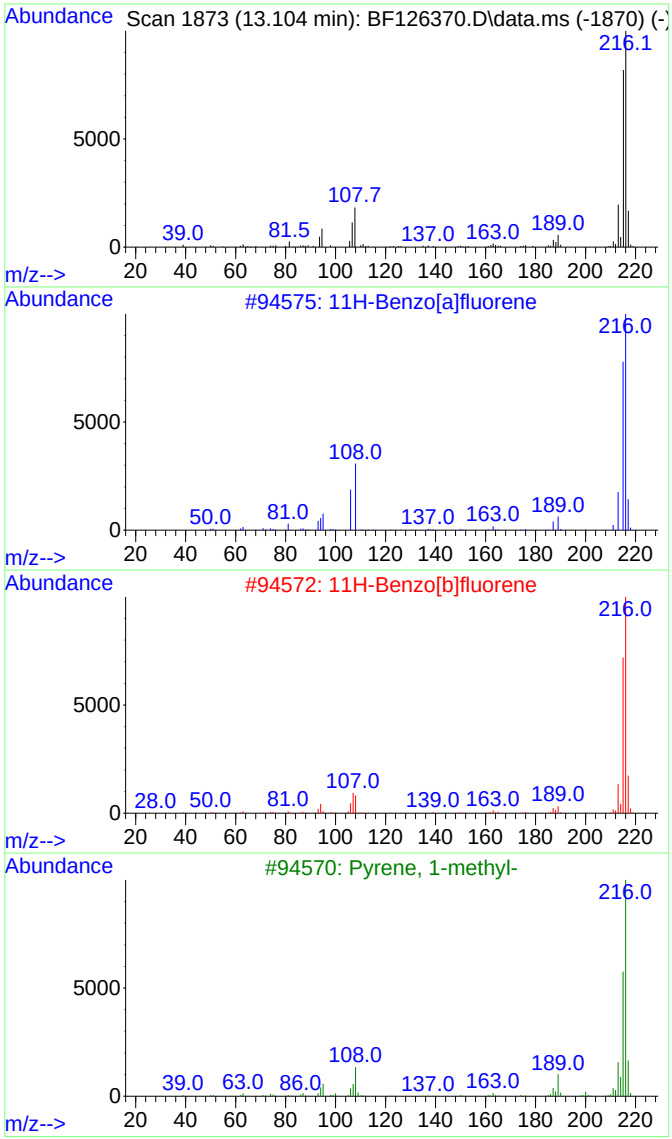
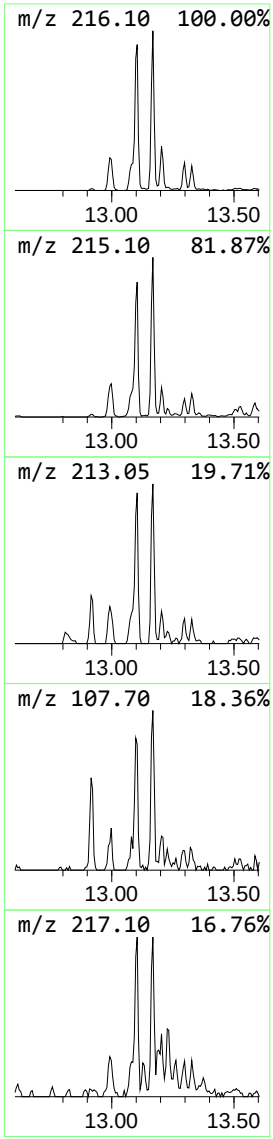
Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.104	3.47 ng	269186	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	2-[3-Pyridyl]methylene-3-quinucl...	216	C13H16N2O	273748-56-4	64
5	trans-p-(Trifluoromethyl)cinnami...	216	C10H7F3O2	016642-92-5	59





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Data File : BF126370.D
Acq On : 27 Dec 2021 22:46
Operator : JU/CG
Sample : M5230-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PSC124019

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
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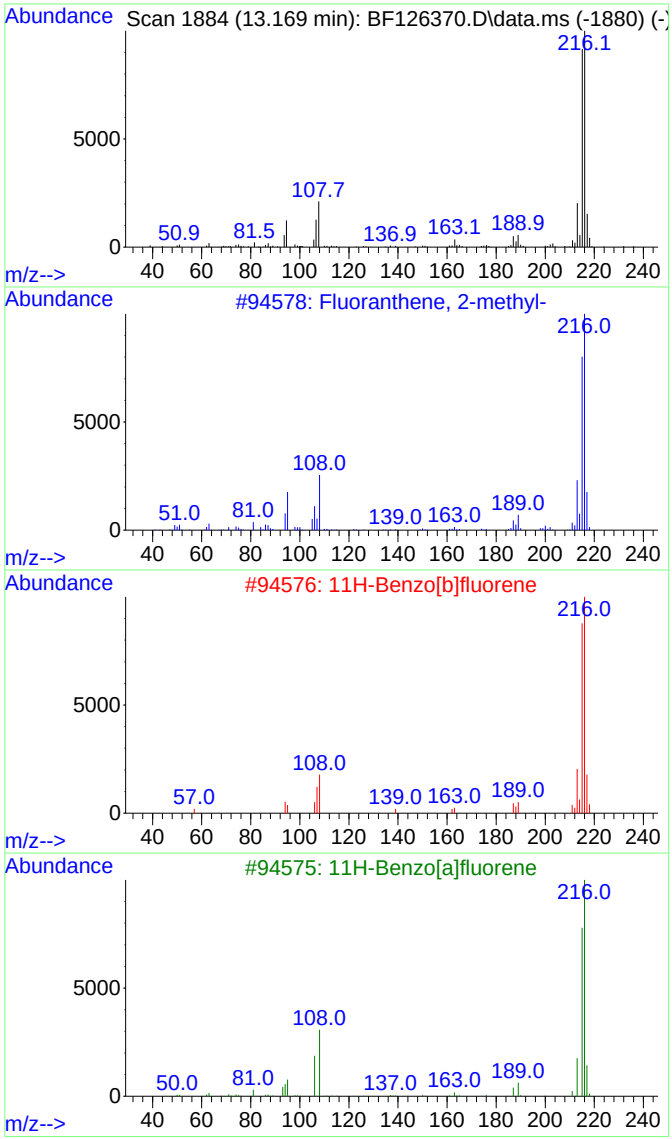
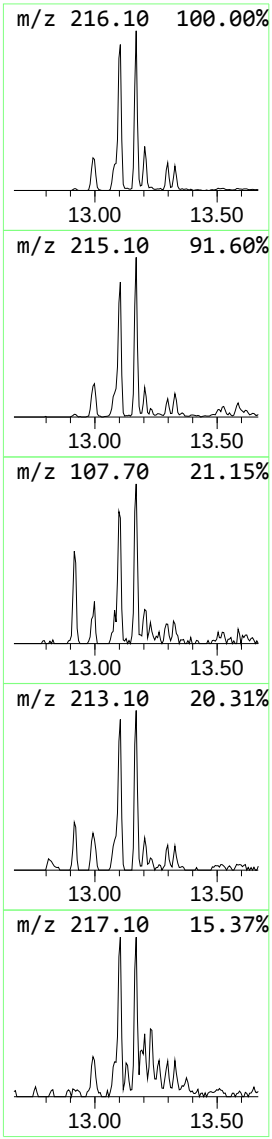
Peak Number 18 Fluoranthene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.169	3.71 ng	288058	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76





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Data File : BF126370.D
Acq On : 27 Dec 2021 22:46
Operator : JU/CG
Sample : M5230-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PSC124019

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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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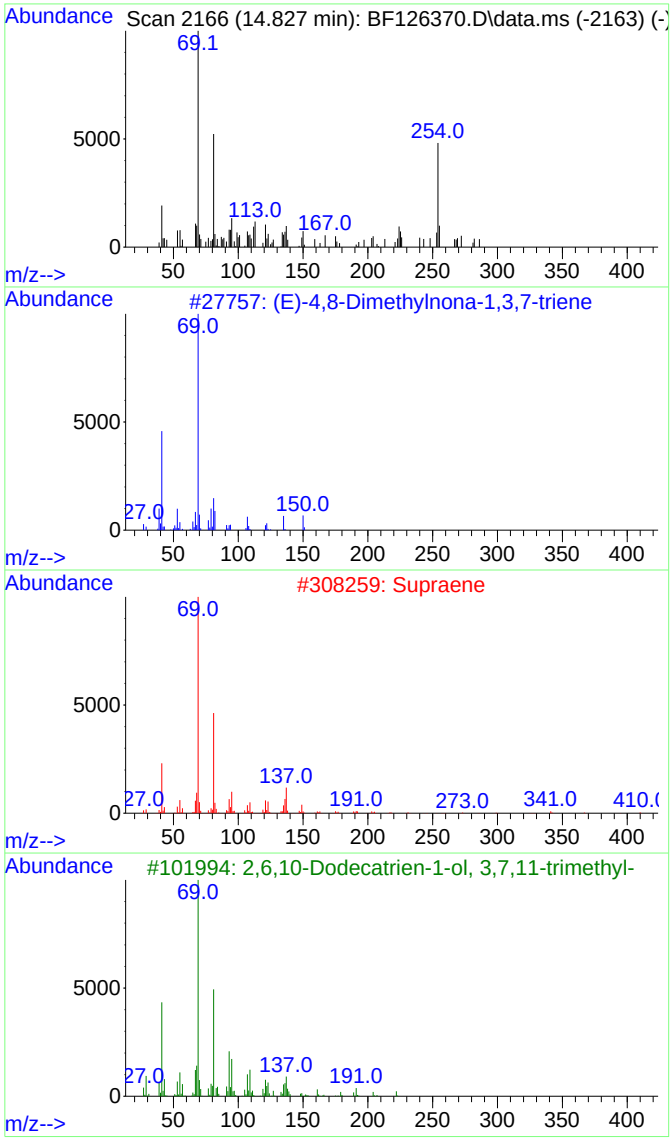
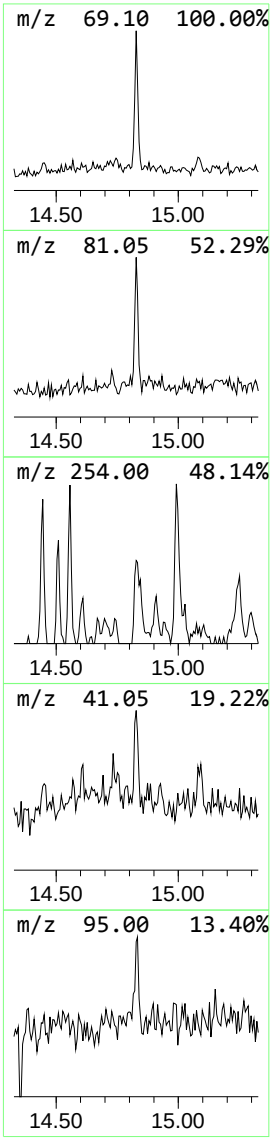
Peak Number 19 unknown14.827 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.827	2.53 ng	80444	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-4,8-Dimethylnona-1,3,7-triene	150	C11H18	019945-61-0	38
2	Supraene	410	C30H50	007683-64-9	38
3	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	38
4	Phenylacetic acid, 3-methylbut-2...	204	C13H16O2	151091-17-7	38
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	35





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Data File : BF126370.D
Acq On : 27 Dec 2021 22:46
Operator : JU/CG
Sample : M5230-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PSC124019

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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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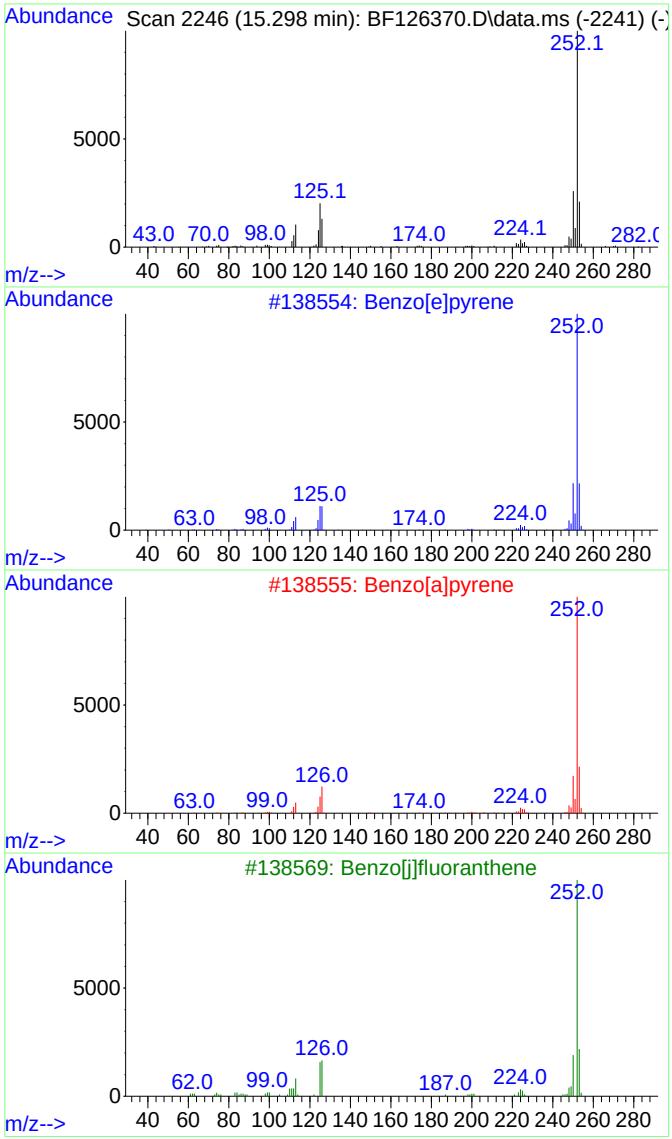
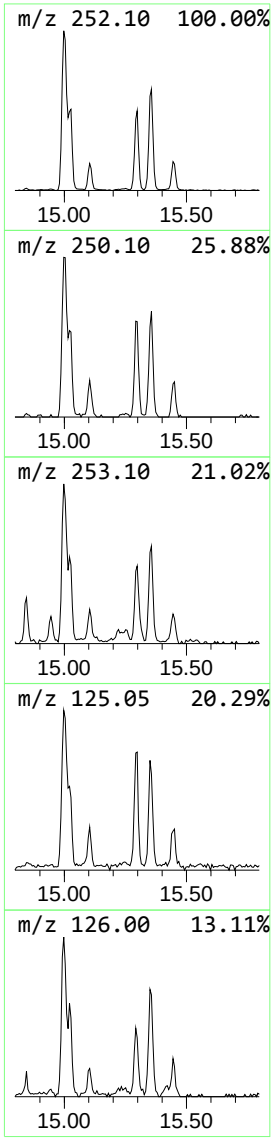
Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.298	6.43 ng	204715	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126370.D
Acq On : 27 Dec 2021 22:46
Operator : JU/CG
Sample : M5230-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PSC124019

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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
2-Pentanone, 4-...	5.004	2.4	ng	73896	1	6.810	608483	20.0
Naphthalene, 2,...	9.433	3.2	ng	109580	3	9.845	687020	20.0
Naphthalene, 2,...	9.504	3.2	ng	110915	3	9.845	687020	20.0
Dibenzofuran, 4...	10.551	2.5	ng	85804	3	9.845	687020	20.0
9H-Fluorene, 2-...	10.939	4.1	ng	107703	4	11.333	524374	20.0
9H-Fluoren-9-one	11.133	2.9	ng	75799	4	11.333	524374	20.0
Anthracene, 1,2...	11.192	2.6	ng	69604	4	11.333	524374	20.0
Dibenzothiophene	11.227	7.4	ng	193978	4	11.333	524374	20.0
Phenanthrene, 2...	11.833	6.2	ng	162825	4	11.333	524374	20.0
Anthracene, 2-m...	11.863	9.0	ng	236326	4	11.333	524374	20.0
Phenanthrene, 4...	11.910	3.9	ng	101433	4	11.333	524374	20.0
4H-Cyclopenta[d...	11.945	16.1	ng	421860	4	11.333	524374	20.0
Naphthalene, 2-...	12.127	4.4	ng	114936	4	11.333	524374	20.0
Phenanthrene, 3...	12.380	2.9	ng	74970	4	11.333	524374	20.0
Cyclopenta(def)...	12.469	2.5	ng	64286	4	11.333	524374	20.0
9-Anthracenecar...	12.604	2.3	ng	59650	4	11.333	524374	20.0
11H-Benzo[a]flu...	13.104	3.5	ng	269186	5	13.974	1550860	20.0
Fluoranthene, 2...	13.169	3.7	ng	288058	5	13.974	1550860	20.0
unknown14.827	14.827	2.5	ng	80444	6	15.421	636388	20.0
Benzo[e]pyrene	15.298	6.4	ng	204715	6	15.421	636388	20.0