LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125977.D
Acq On : 27 Oct 2021 22:30
Operator : JU/CG
Sample : M4343-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : METRO-SP

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-BF102521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125977.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	11	rVB	2604527	3088865	37.14%	3.106%
2	5.469	570	575	578	rBV	4389388	4157489	49.99%	4.181%
3	6.481	741	747	750	rBV	4182957	4128808	49.64%	4.152%
4	6.857	807	811	814	rBV	1457705	1134547	13.64%	1.141%
5	7.416	901	906	909	rBV	3100292	2693221	32.38%	2.708%
6	8.040	1009	1012	1025	rBV	601360	536359	6.45%	0.539%
7	8.139	1025	1029	1031	rVV	1911706	1490801	17.92%	1.499%
8	8.716	1121	1127	1129	rBV	198175	160753	1.93%	0.162%
9	8.851	1145	1150	1153	rBV	204828	153164	1.84%	0.154%
10	8.951	1161	1167	1171	rVB	241856	213990	2.57%	0.215%
11	9.216	1208	1212	1215	rBV	4908109	4075295	49.00%	4.098%
12	9.316	1225	1229	1236	rVB	235528	224670	2.70%	0.226%
13	9.475	1252	1256	1260	rVV2	261580	347464	4.18%	0.349%
14	9.551	1264	1269	1271	rVV	548170	534501	6.43%	0.537%
15	9.575	1271	1273	1277	rVB	321021	280191	3.37%	0.282%
16	9.669	1287	1289	1291	rBV	199279	150641	1.81%	0.151%
17	9.751	1298	1303	1308	rVB2	217563	205835	2.47%	0.207%
18	9.892	1321	1327	1330	rBV	1857648	1773883	21.33%	1.784%
19	9.928	1330	1333	1336	rVV	4819753	4135799	49.73%	4.159%
20	9.998	1341	1345	1349	rBV	122679	161928	1.95%	0.163%
21	10.051	1349	1354	1358	rBV	380170	325541	3.91%	0.327%
22	10.098	1358	1362	1365	rVB	2749177	2200022	26.45%	2.212%
23	10.133	1365	1368	1373	rVB	221929	169023	2.03%	0.170%
24	10.210	1377	1381	1383	rBV	185467	166950	2.01%	0.168%
25	10.298	1391	1396	1398	rBV2	159277	193726	2.33%	0.195%
26	10.439	1416	1420	1425	rVB	3704899	3495187	42.02%	3.515%
27	10.486	1425	1428	1430	rBV	312134	355467	4.27%	0.357%
28	10.504	1430	1431	1433	rVV	582554	445331	5.35%	0.448%
29	10.528	1433	1435	1437	rVV	779603	612619	7.37%	0.616%
30	10.551	1437	1439	1441	rVV	250548	212166	2.55%	0.213%
31	10.575	1441	1443	1444	rVV	410576	311359	3.74%	0.313%
32	10.598	1444	1447	1452	rVB	919463	803203	9.66%	0.808%
33	10.681	1456	1461	1465	rVV	3326781	3286094	39.51%	3.304%
34	10.728	1467	1469	1472	rVB	203841	158858	1.91%	0.160%
35	10.804	1480	1482	1489	rVB3	171841	160455	1.93%	0.161%
36	10.869	1489	1493	1497	rBV	451587	418522	5.03%	0.421%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125977.D
Acq On : 27 Oct 2021 22:30
Operator : JU/CG
Sample : M4343-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : METRO-SP

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-BF102521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.963	1506	1509	1510	rBV	296170	271130	3.26%	0.273%
38	10.986	1510	1513	1516	rVV2	660602	706387	8.49%	0.710%
39	11.016	1516	1518	1521	rVV2	287121	274807	3.30%	0.276%
40	11.069	1524	1527	1530	rVB2	336704	322023	3.87%	0.324%
41	11.116	1530	1535	1536	rBV2	300457	389195	4.68%	0.391%
42	11.139	1536	1539	1541	rVV2	313376	320753	3.86%	0.323%
43	11.180	1544	1546	1550	rVB2	249167	240993	2.90%	0.242%
44	11.239	1550	1556	1559	rBV2	757827	921273	11.08%	0.926%
45	11.275	1559	1562	1565	rVB	803480	644567	7.75%	0.648%
46	11.380	1576	1580	1581	rBV	1424665	1439978	17.31%	1.448%
47	11.410	1581	1585	1588	rVV	7653454	8317103	100.00%	8.363%
48	11.451	1588	1592	1595	rVV	1729521	1736407	20.88%	1.746%
49	11.486	1595	1598	1601	rVB2	294286	296121	3.56%	0.298%
50	11.604	1612	1618	1620	rBV2	773998	750414	9.02%	0.755%
51	11.675	1628	1630	1634	rBV2	328947	245044	2.95%	0.246%
52	11.786	1645	1649	1655	rVB2	141746	190551	2.29%	0.192%
53	11.880	1659	1665	1667	rBV	1115539	1029976	12.38%	1.036%
54	11.904	1667	1669	1673	rVV	1531337	1396927	16.80%	1.405%
55	11.951	1673	1677	1680	rVV	478104	480889	5.78%	0.484%
56	11.992	1680	1684	1686	rVV2	2207929	2107305	25.34%	2.119%
57	12.010	1686	1687	1692	rVB	586640	420364	5.05%	0.423%
58	12.175	1712	1715	1717	rBV	831114	664063	7.98%	0.668%
59	12.192	1717	1718	1722	rVB	301454	196440	2.36%	0.198%
60	12.322	1735	1740	1743	rBV	234199	252859	3.04%	0.254%
61	12.427	1754	1758	1761	rBV	296162	341772	4.11%	0.344%
62	12.469	1761	1765	1767	rVV	196984	240597	2.89%	0.242%
63	12.510	1770	1772	1777	rBV3	179790	247212	2.97%	0.249%
64	12.598	1782	1787	1790	rVB	5860158	5903875	70.98%	5.937%
65	12.739	1809	1811	1815	rVB	206098	182223	2.19%	0.183%
66	12.822	1818	1825	1828	rVV2	4276755	5725976	68.85%	5.758%
67	12.863	1830	1832	1837	rVB2	276467	303888	3.65%	0.306%
68	12.933	1841	1844	1846	rBV	386375	376487	4.53%	0.379%
69	12.963	1846	1849	1855	rVB	3517242	3240666	38.96%	3.259%
70	13.039	1856	1862	1865	rBV2	369480	612934	7.37%	0.616%
71	13.122	1869	1876	1877	rVV5	344017	440251	5.29%	0.443%
72	13.145	1877	1880	1883	rVB	1075915	988065	11.88%	0.994%
73	13.210	1888	1891	1894	rBV	998151	859319	10.33%	0.864%
74	13.251	1894	1898	1900	rVV2	452525	493287	5.93%	0.496%
75	13.274	1900	1902	1905	rVB	223130	178131	2.14%	0.179%
76	13.339	1910	1913	1916	rBV	289769	237794	2.86%	0.239%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125977.D
Acq On : 27 Oct 2021 22:30
Operator : JU/CG
Sample : M4343-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
METRO-SP

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-BF102521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.369	1916	1918	1922	rBV2	269928	271132	3.26%	0.273%
78	13.510	1938	1942	1944	rBV3	110169	149981	1.80%	0.151%
79	13.763	1980	1985	1988	rBV2	257585	328485	3.95%	0.330%
80	13.792	1988	1990	1992	rVV	362762	328544	3.95%	0.330%
81	13.816	1992	1994	1999	rVV2	273307	421612	5.07%	0.424%
82	13.869	1999	2003	2008	rVV3	292128	421458	5.07%	0.424%
83	14.010	2020	2027	2030	rBV3	1895392	2992395	35.98%	3.009%
84	14.039	2030	2032	2038	rVB	1658290	1591440	19.13%	1.600%
85	14.121	2043	2046	2048	rBV	267564	224110	2.69%	0.225%
86	14.227	2061	2064	2069	rVB2	139700	180104	2.17%	0.181%
87	14.398	2089	2093	2096	rVV	244245	287689	3.46%	0.289%
88	14.433	2096	2099	2102	rVB3	191024	161705	1.94%	0.163%
89	14.492	2106	2109	2112	rVV4	195151	267126	3.21%	0.269%
90	14.521	2112	2114	2116	rVV2	203557	198151	2.38%	0.199%
91	14.545	2116	2118	2121	rVV3	167411	159950	1.92%	0.161%
92	14.598	2122	2127	2133	rVB5	114687	219740	2.64%	0.221%
93	14.698	2141	2144	2149	rBV2	151095	169530	2.04%	0.170%
94	14.880	2171	2175	2180	rBV3	215697	271270	3.26%	0.273%
95	15.051	2199	2204	2207	rBV	845451	1269248	15.26%	1.276%
96	15.157	2219	2222	2228	rVB2	146182	216157	2.60%	0.217%
97	15.351	2251	2255	2261	rVB	430494	494630	5.95%	0.497%
98	15.415	2261	2266	2270	rBV	452729	571396	6.87%	0.575%
99	15.480	2272	2277	2280	rBV	850669	1087381	13.07%	1.093%
100	16.921	2518	2522	2530	rVB2	106420	213176	2.56%	0.214%

Sum of corrected areas: 99447183

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125977.D
Acq On : 27 Oct 2021 22:30
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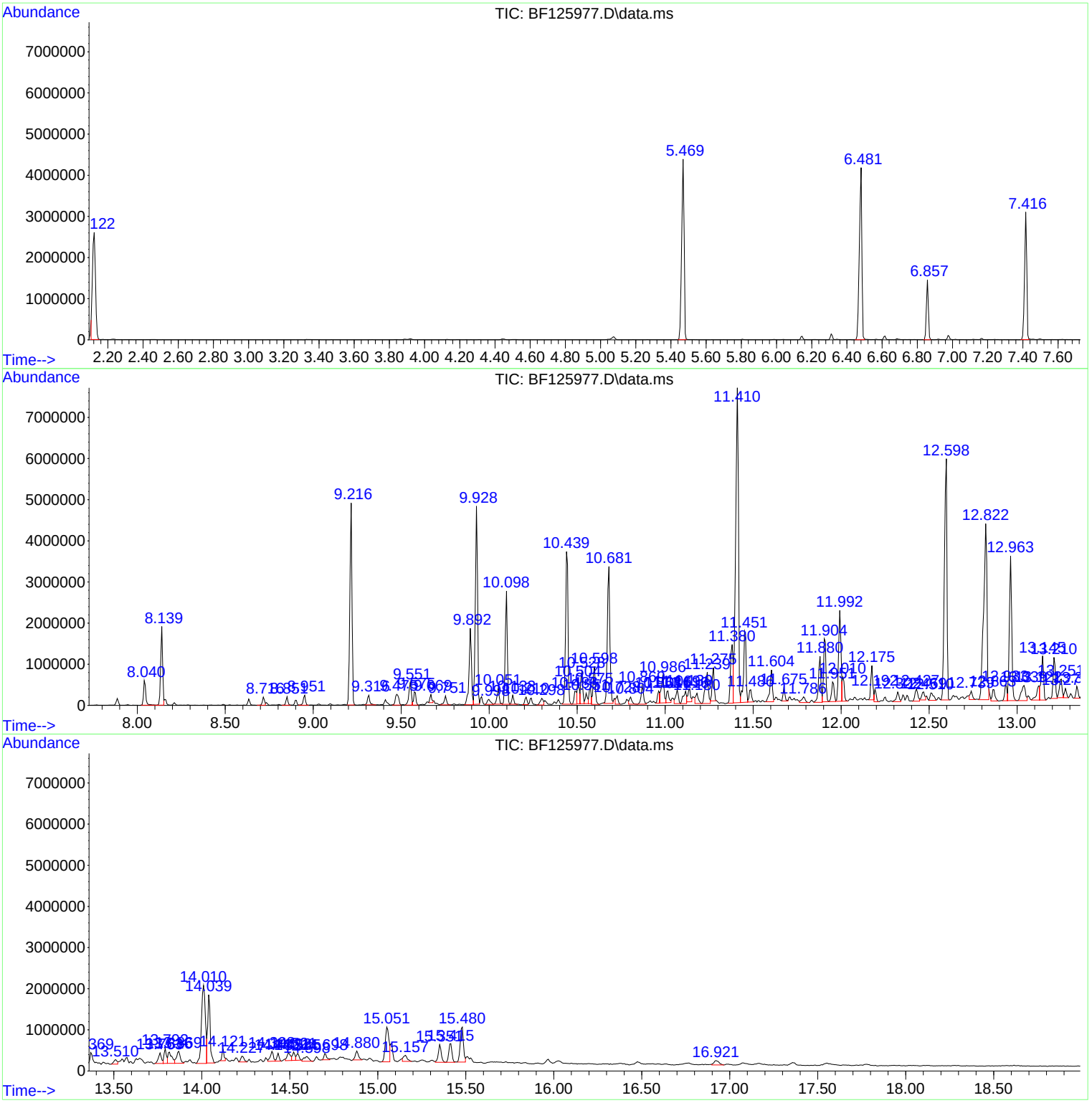
Sample : M4343-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
METRO-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.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\BF102721\
Data File : BF125977.D
Acq On : 27 Oct 2021 22:30
Operator : JU/CG
Sample : M4343-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

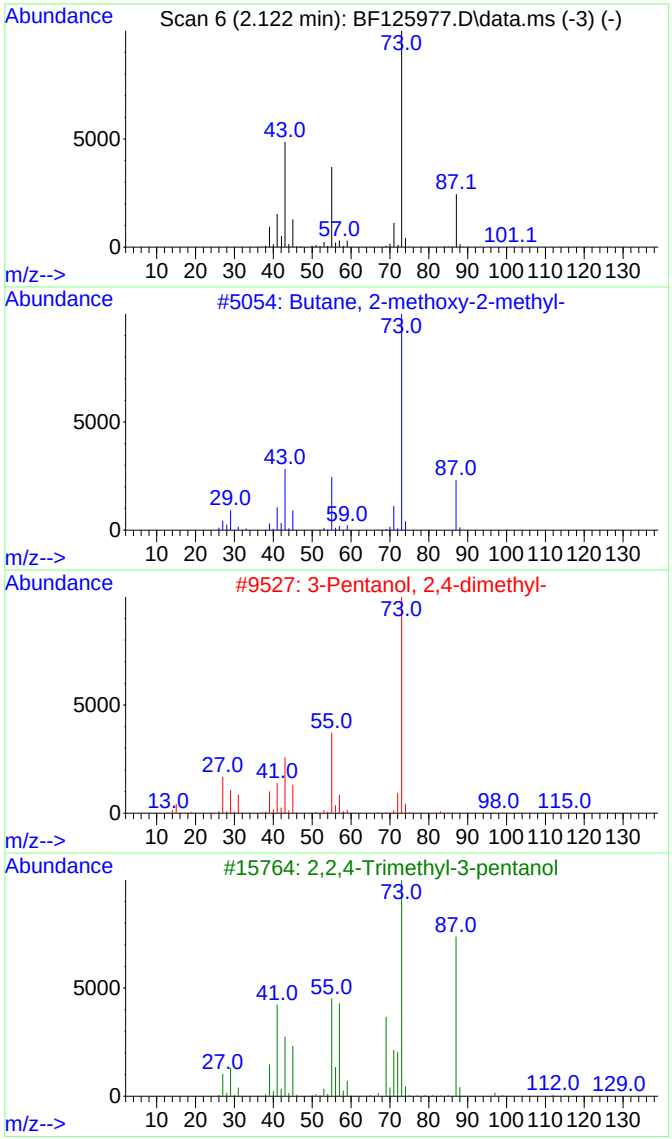
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

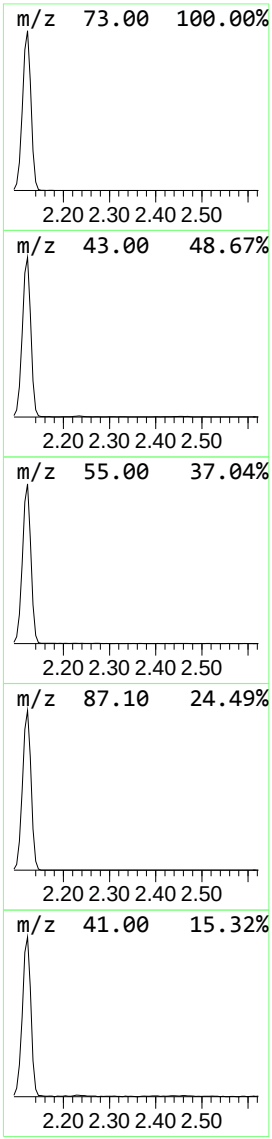
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.122	54.45 ng	3088870	1,4-Dichlorobenzene-d4	6.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125977.D
Acq On : 27 Oct 2021 22:30
Operator : JU/CG
Sample : M4343-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : METRO-SP

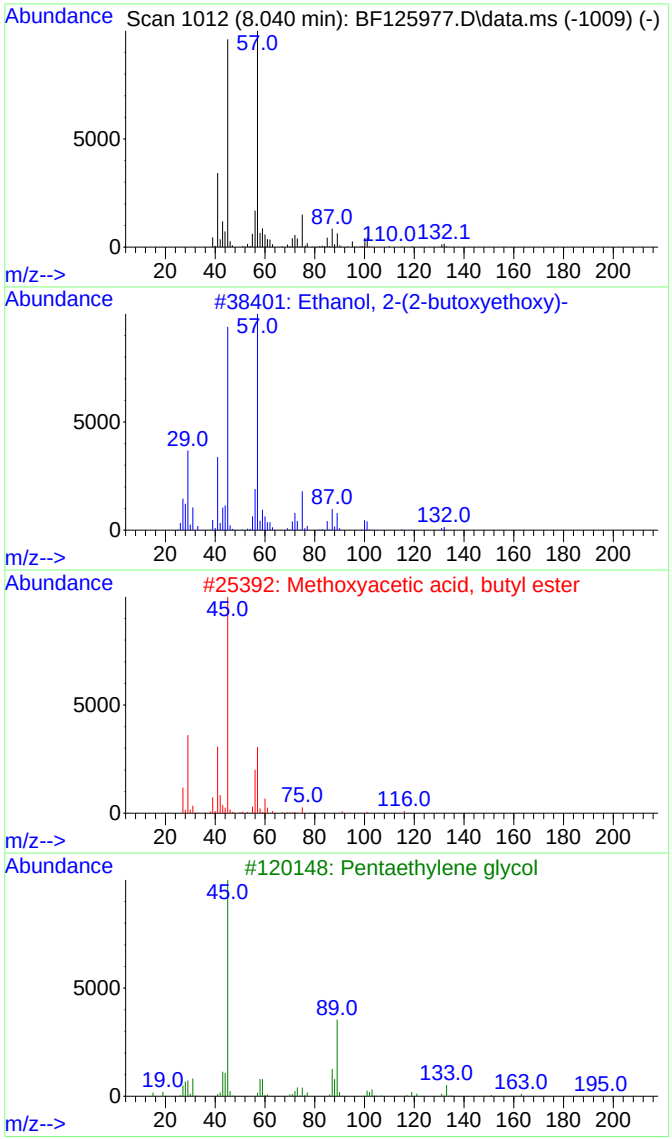
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

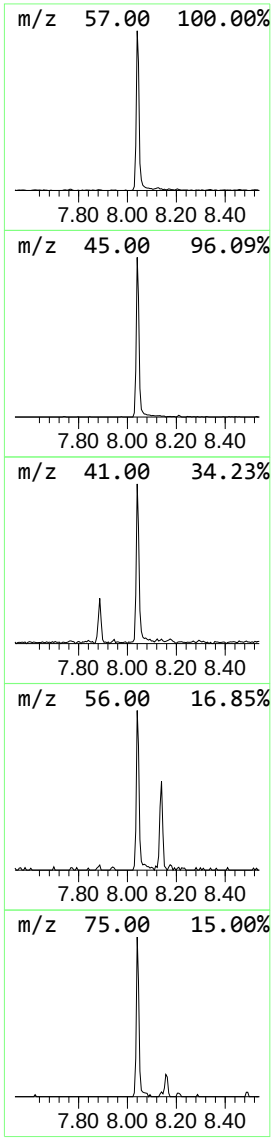
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.040	7.20 ng	536359	Naphthalene-d8	8.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Methoxyacetic acid, butyl ester	146	C7H14O3	017640-22-1	59
3	Pentaethylene glycol	238	C10H22O6	004792-15-8	50
4	Heptaethylene glycol	326	C14H30O8	005617-32-3	50
5	Butyl lactate	146	C7H14O3	000138-22-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125977.D
Acq On : 27 Oct 2021 22:30
Operator : JU/CG
Sample : M4343-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
METRO-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

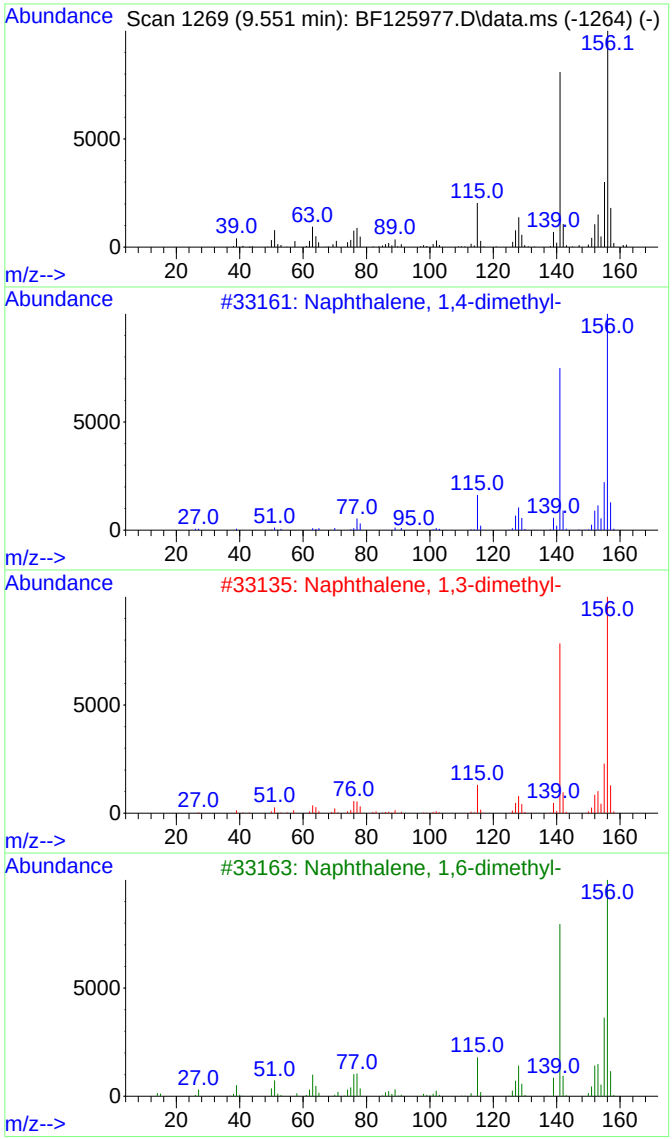
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

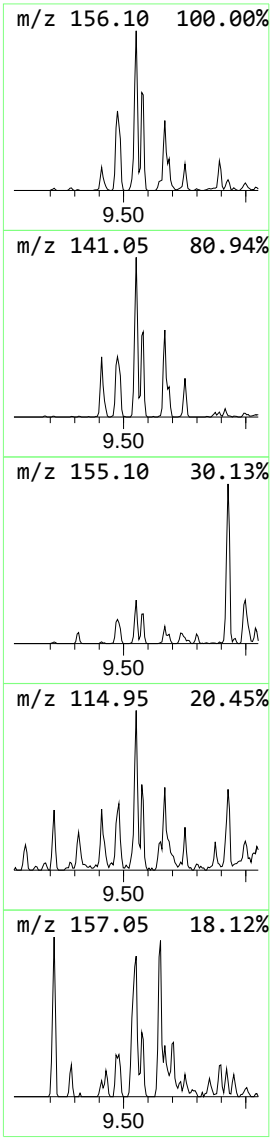
****

Peak Number 3 Naphthalene, 1,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.551	6.03 ng	534501	Acenaphthene-d10	9.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125977.D
Acq On : 27 Oct 2021 22:30
Operator : JU/CG
Sample : M4343-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
METRO-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

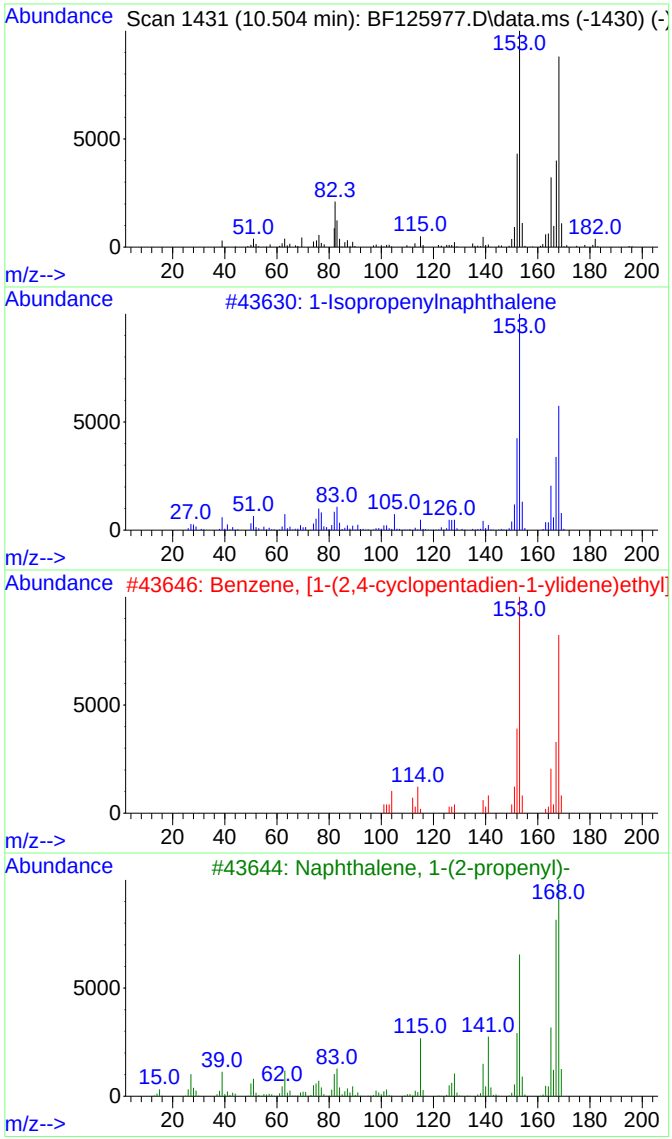
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

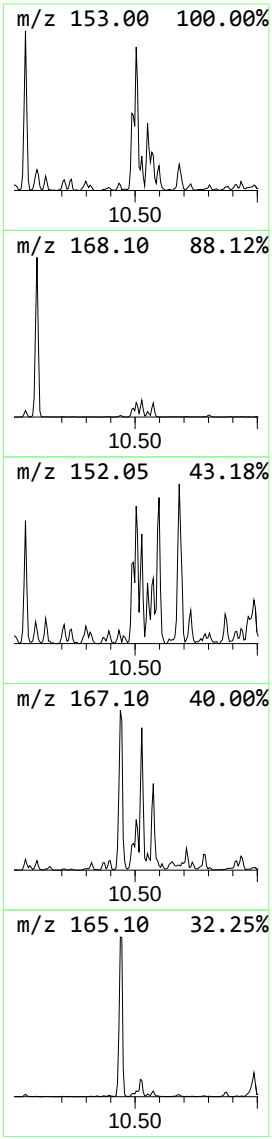
****

Peak Number 4 1-Isopropenylnaphthalene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.504	5.02 ng	445331	Acenaphthene-d10	9.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	91
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	90
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	68
4	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	50
5	5-Acetyl-2-methyl-3-thiophenecar...	168	C8H8O2S	090345-55-4	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125977.D
Acq On : 27 Oct 2021 22:30
Operator : JU/CG
Sample : M4343-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
METRO-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

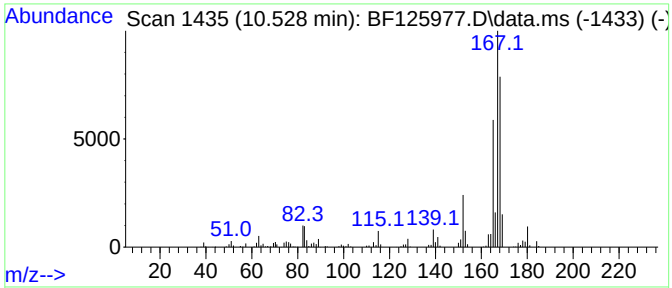
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

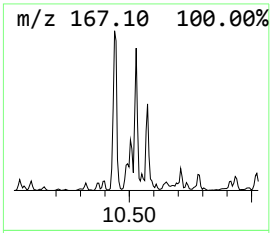
****

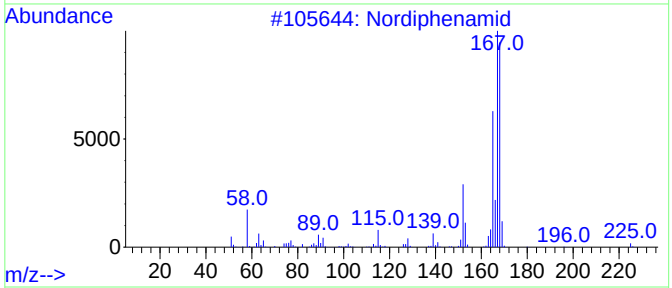
Peak Number 5 Nordiphenamid Concentration Rank 12

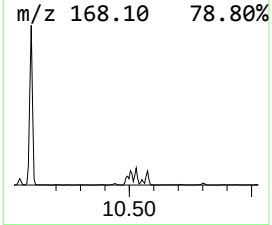
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.528	6.91 ng	612619	Acenaphthene-d10	9.892

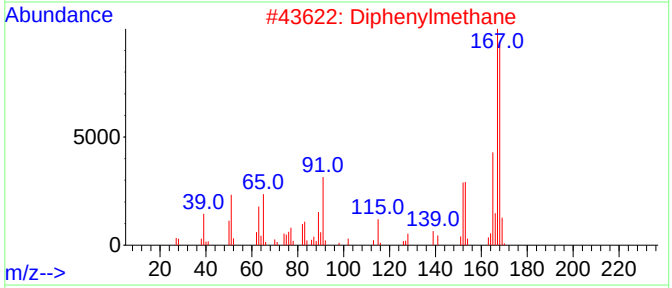
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	74
2	Diphenylmethane	168	C13H12	000101-81-5	72
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	59
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	53
5	Benzene, 1,1'-(bromomethylene)bis-	246	C13H11Br	000776-74-9	52

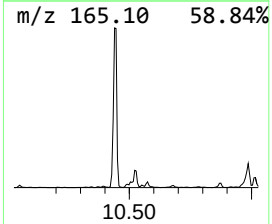


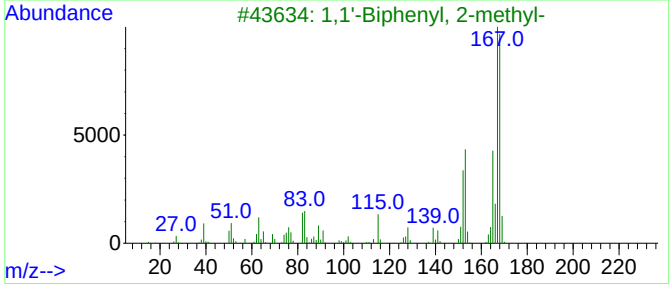


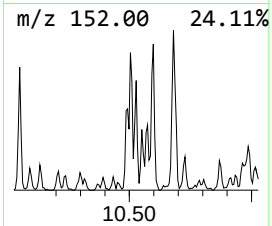


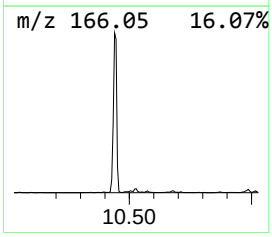












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Acq On : 27 Oct 2021 22:30
Operator : JU/CG
Sample : M4343-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
METRO-SP

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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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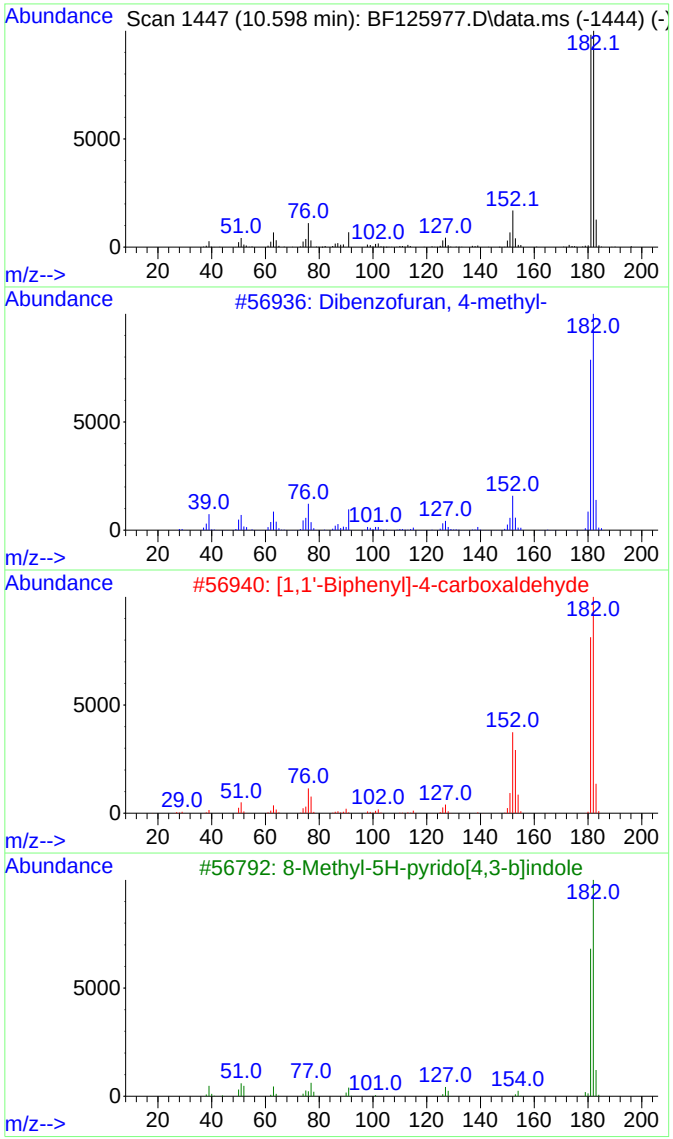
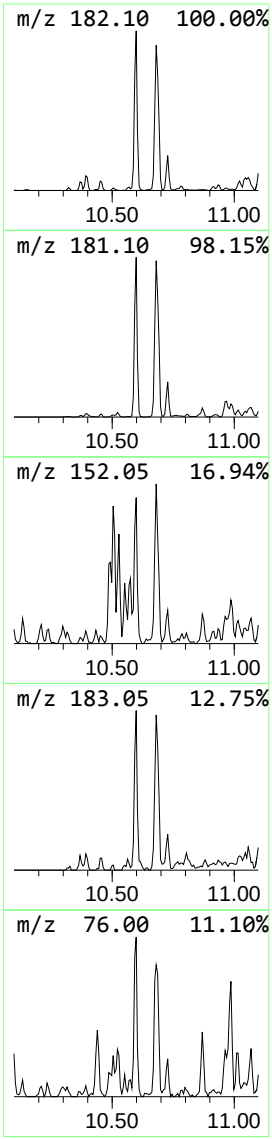
Peak Number 6 Dibenzofuran, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.598	9.06 ng	803203	Acenaphthene-d10	9.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	8-Methyl-5H-pyrido[4,3-b]indole	182	C12H10N2	088894-13-7	80
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	78
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





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Sample : M4343-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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BNA_F
ClientSampleId :
METRO-SP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

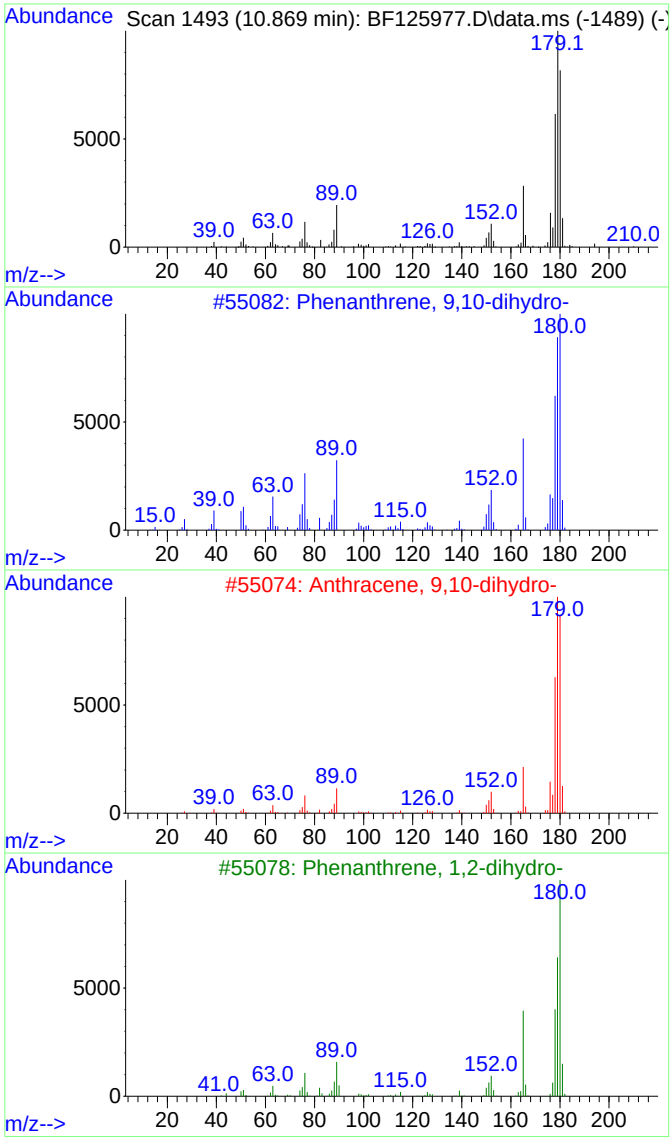
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

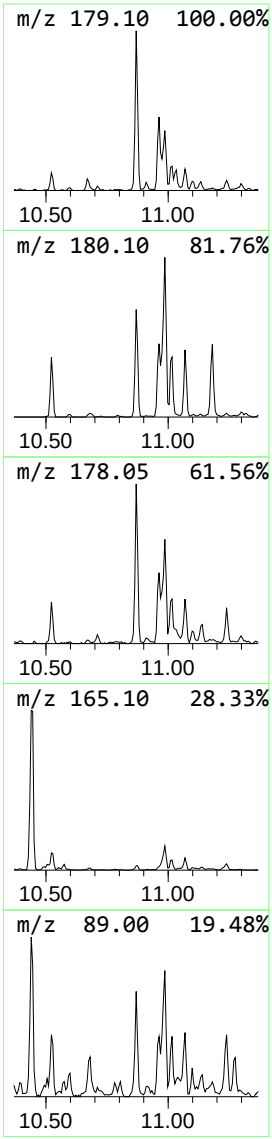
****

Peak Number 7 Phenanthrene, 9,10-dihydro- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.869	5.81 ng	418522	Phenanthrene-d10	11.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	96
2	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	96
3	Phenanthrene, 1,2-dihydro-	180	C14H12	056179-83-0	90
4	4-Hydroxy-1,2,3,4-tetrahydrophen...	294	C16H13F3O2	1010365-73-0	81
5	cis-Stilbene	180	C14H12	000645-49-8	81





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Misc :
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Instrument :
BNA_F
ClientSampleId :
METRO-SP

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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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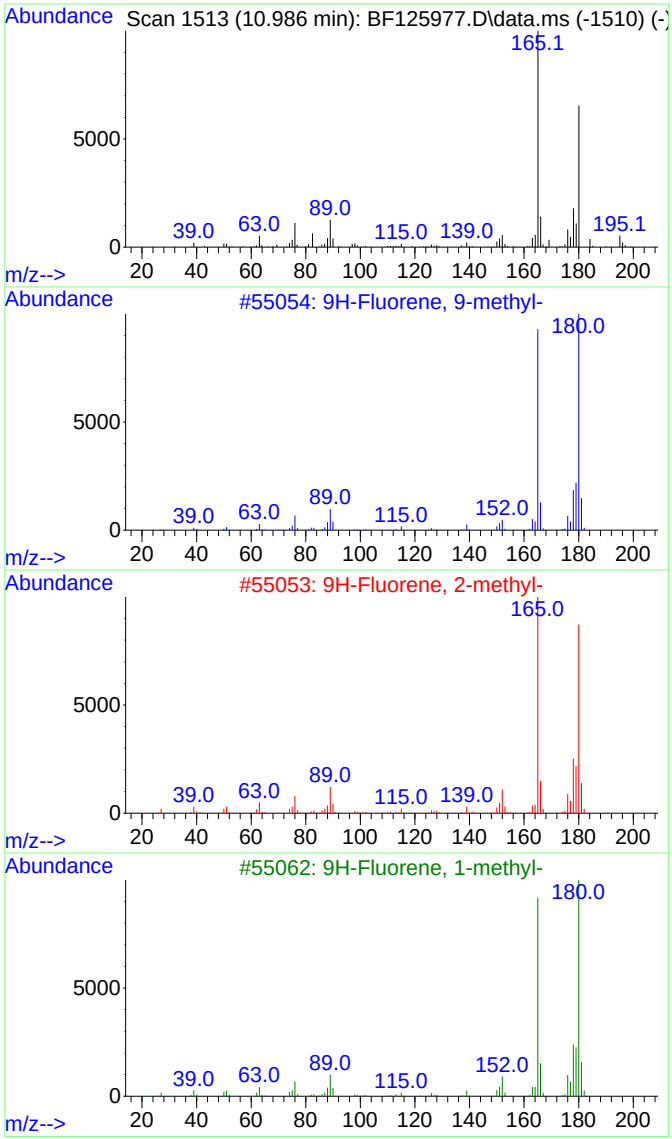
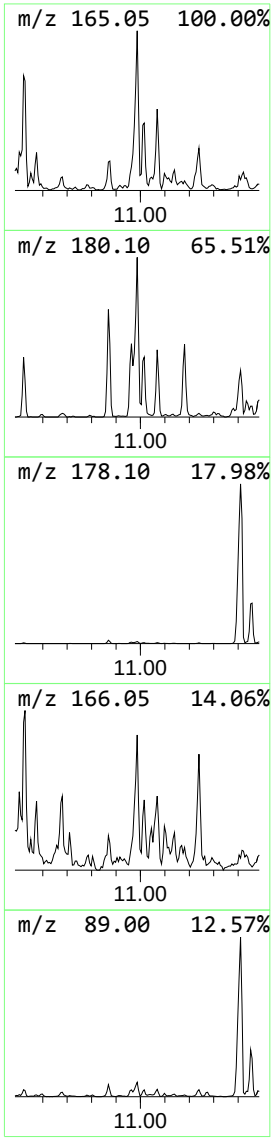
Peak Number 8 9H-Fluorene, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.986	9.81 ng	706387	Phenanthrene-d10	11.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	91
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	87
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	60
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	58





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Operator : JU/CG
Sample : M4343-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : METRO-SP

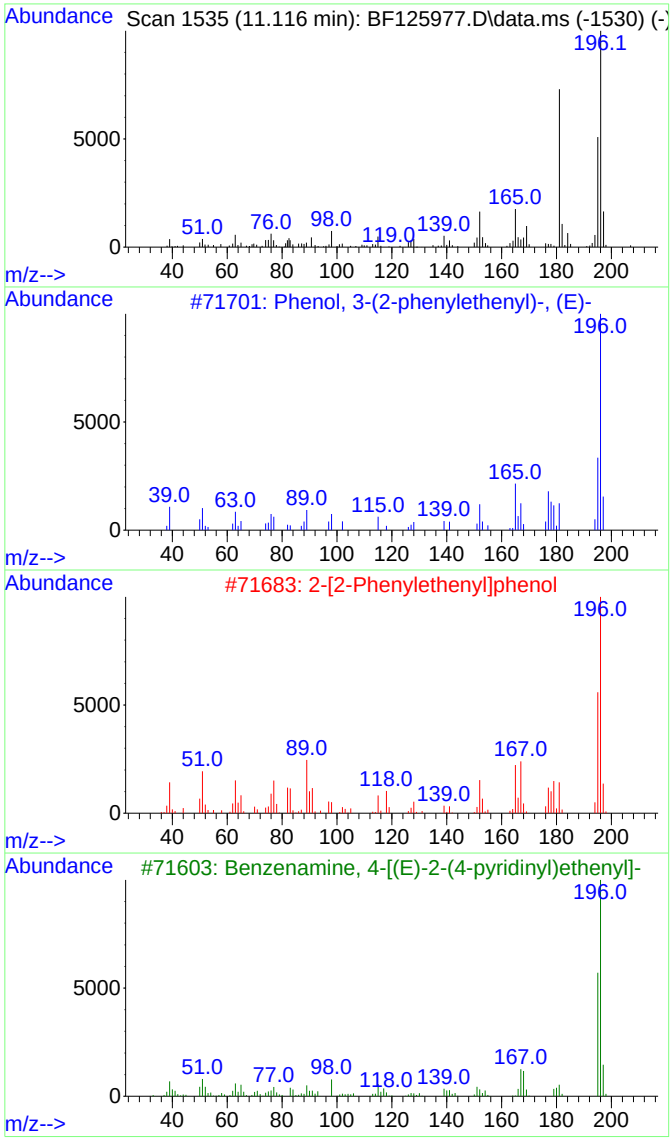
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

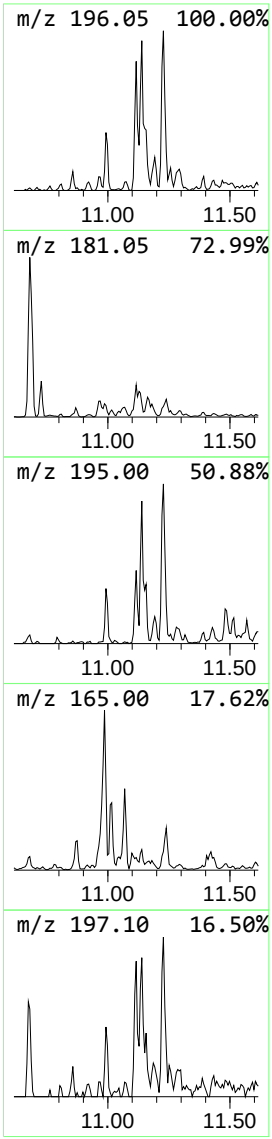
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenol, 3-(2-phenylethenyl)... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.116	5.41 ng	389195	Phenanthrene-d10	11.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	64
2	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	64
3	Benzenamine, 4-[(E)-2-(4-pyridin...	196	C13H12N2	1000351-61-4	49
4	9H-Fluorene-2,7-diamine	196	C13H12N2	000525-64-4	49
5	p-Toluenesulfonamide, N-(xanthen...	351	C20H17NO3S	006326-06-3	47





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Operator : JU/CG
Sample : M4343-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
METRO-SP

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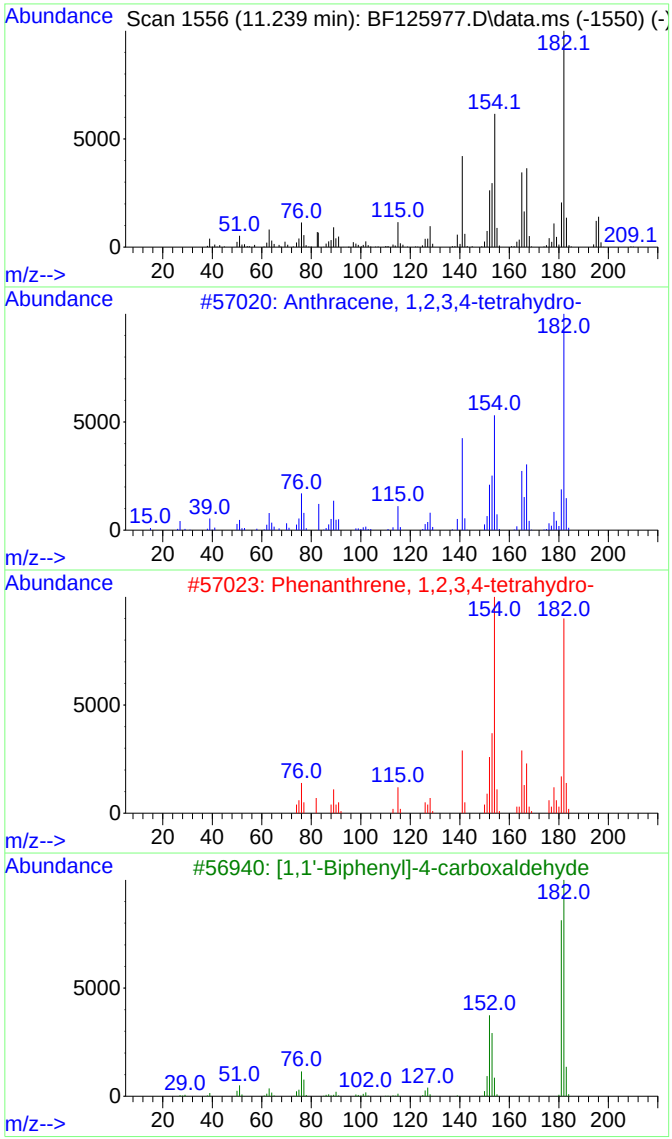
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

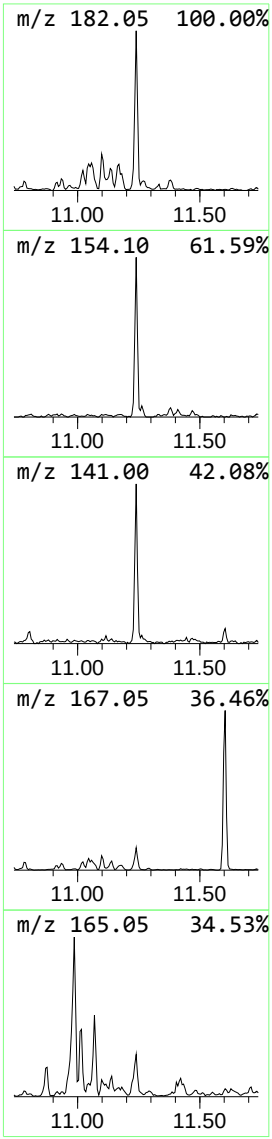
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.239	12.80 ng	921273	Phenanthrene-d10	11.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	98
2	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	86
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	60
4	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	56
5	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	55





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Sample : M4343-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
METRO-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.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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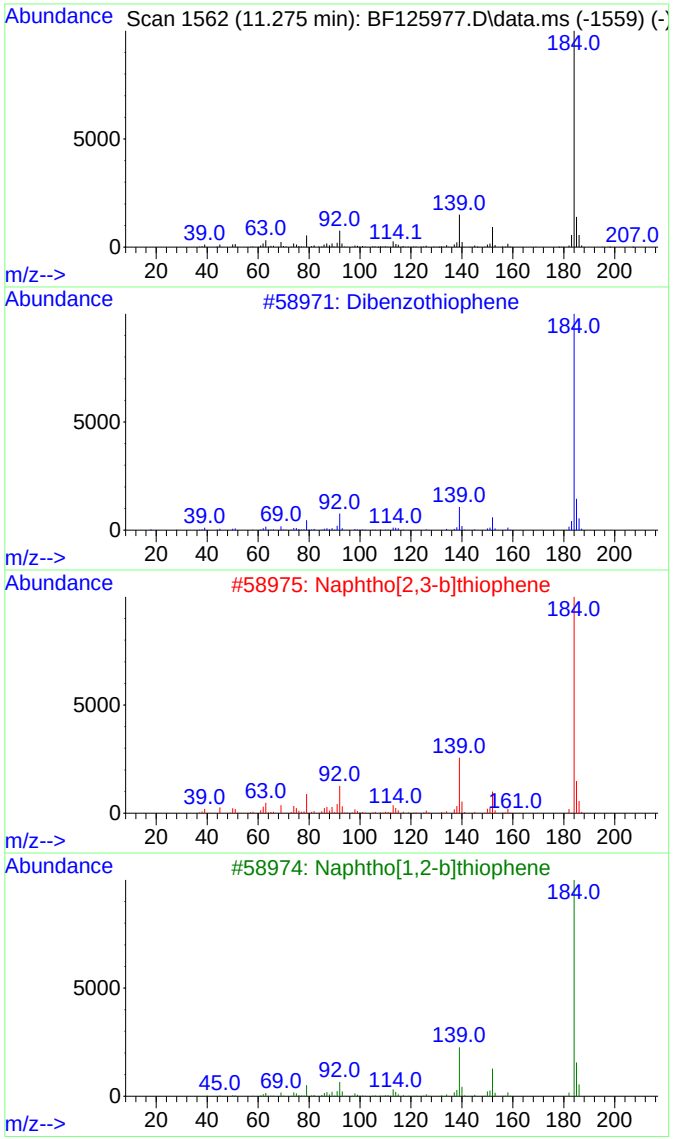
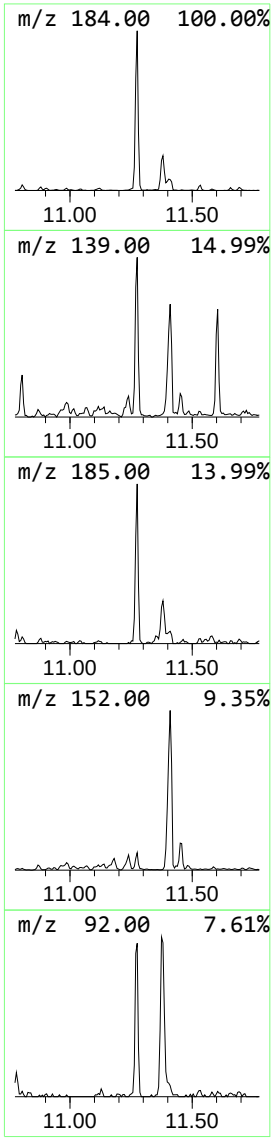
Peak Number 11 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.275	8.95 ng	644567	Phenanthrene-d10	11.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Sample : M4343-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
METRO-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.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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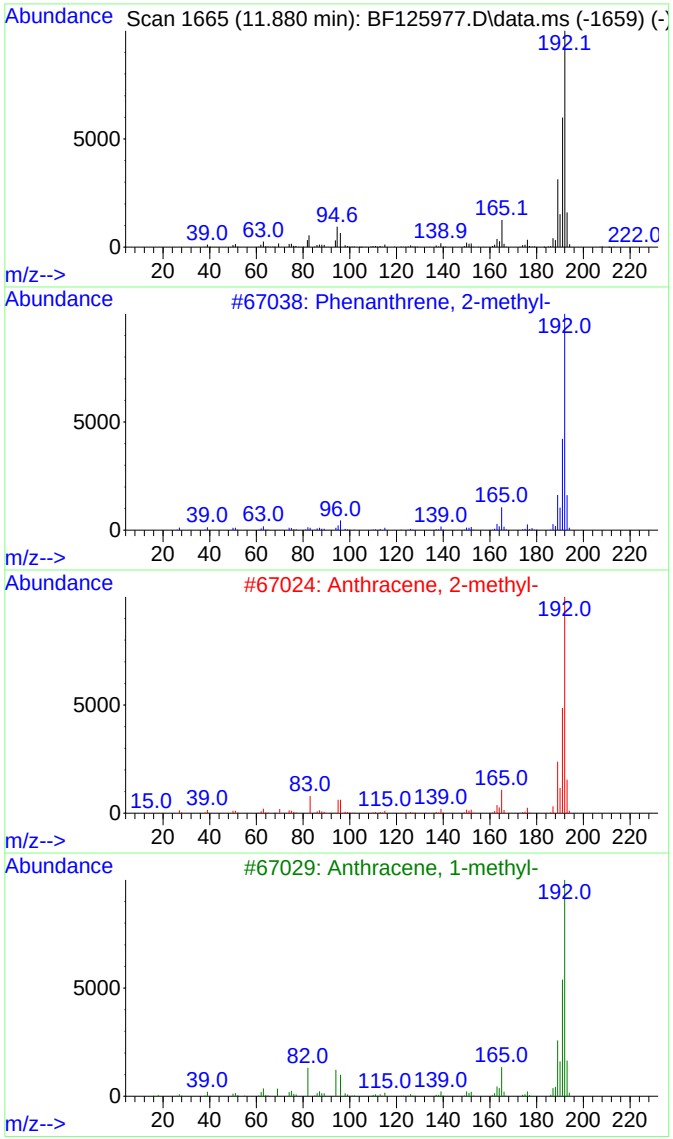
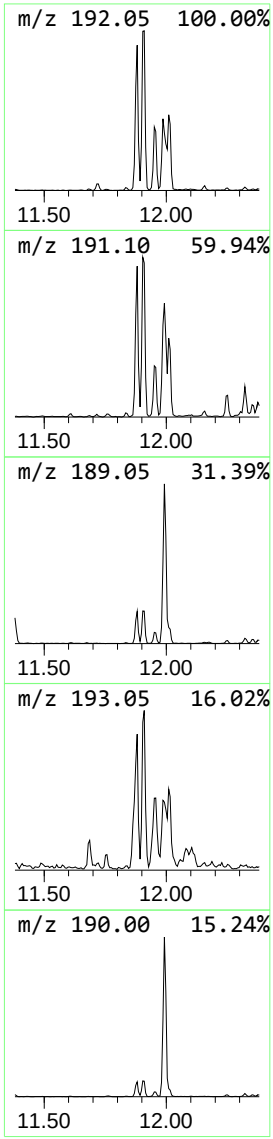
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.880	14.31 ng	1029980	Phenanthrene-d10	11.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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Acq On : 27 Oct 2021 22:30
Operator : JU/CG
Sample : M4343-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : METRO-SP

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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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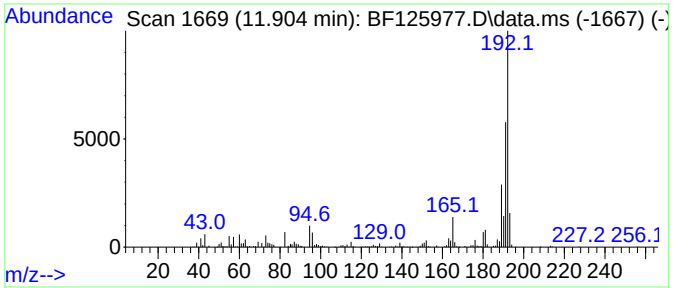
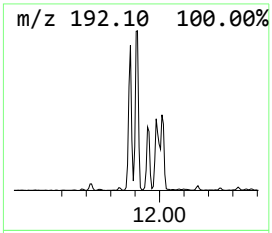
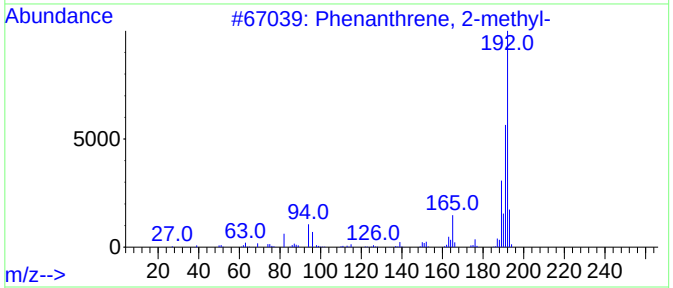
Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 3

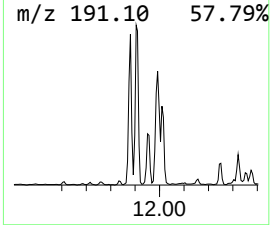
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	19.40 ng	1396930	Phenanthrene-d10	11.381

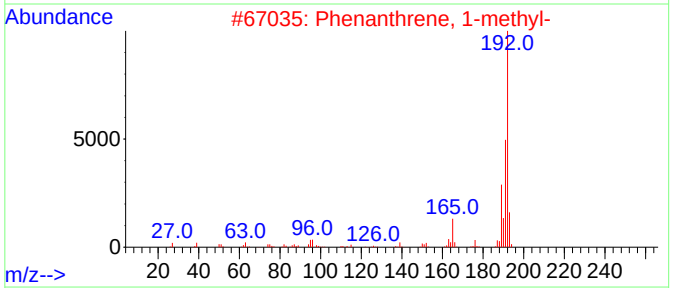
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94

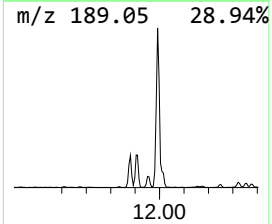


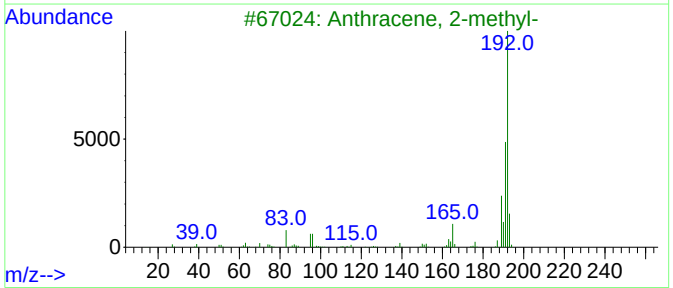


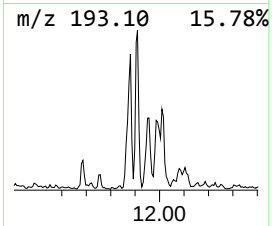


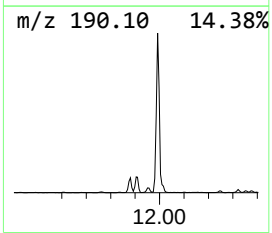












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Acq On : 27 Oct 2021 22:30
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Sample : M4343-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :
METRO-SP

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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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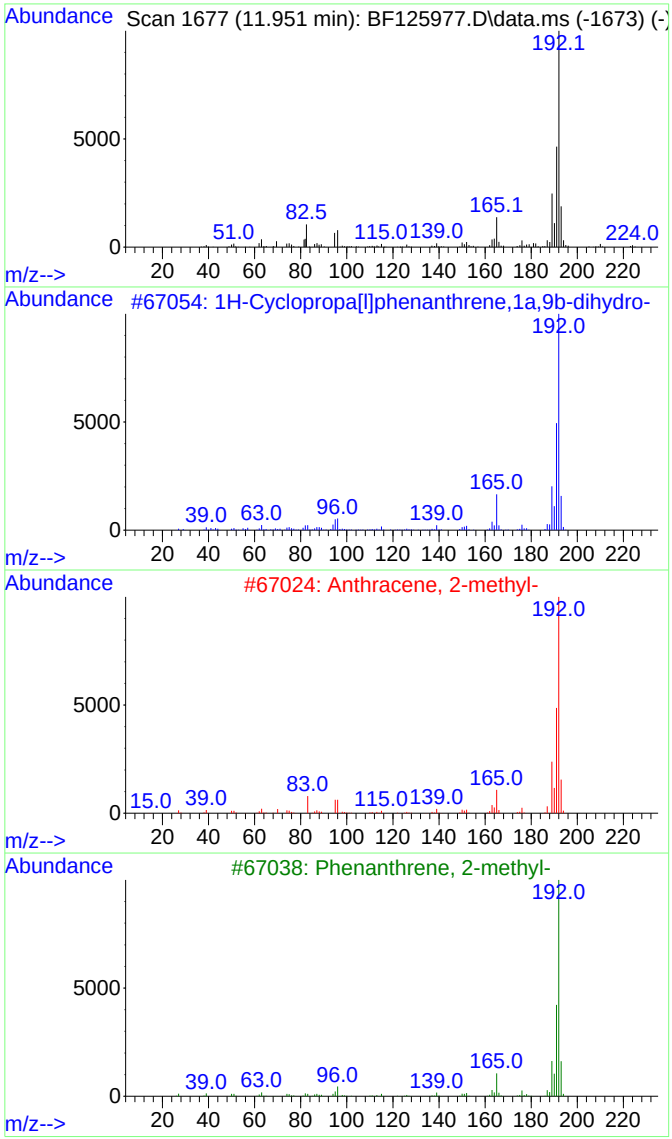
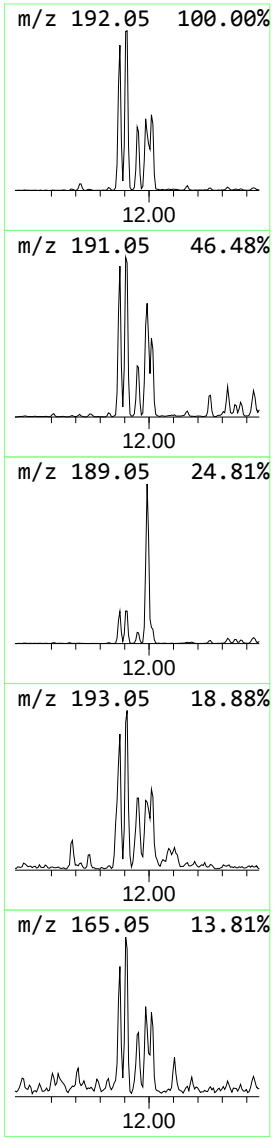
Peak Number 14 1H-Cyclopropa[l]phenanthren... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	6.68 ng	480889	Phenanthrene-d10	11.381

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





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Data File : BF125977.D
Acq On : 27 Oct 2021 22:30
Operator : JU/CG
Sample : M4343-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
METRO-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.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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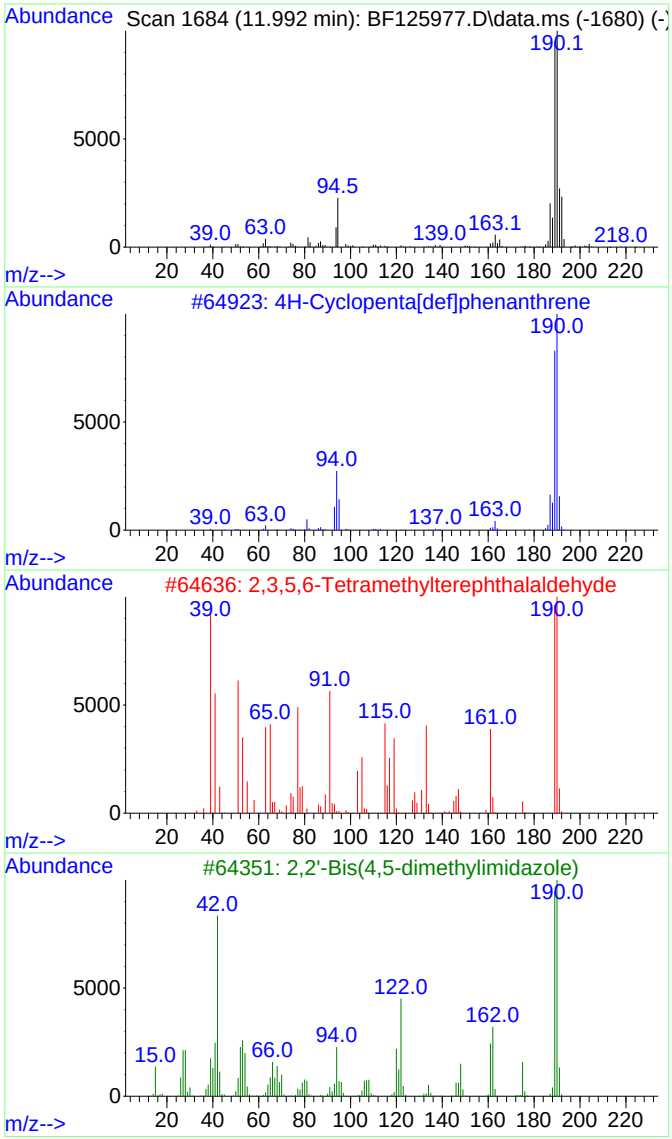
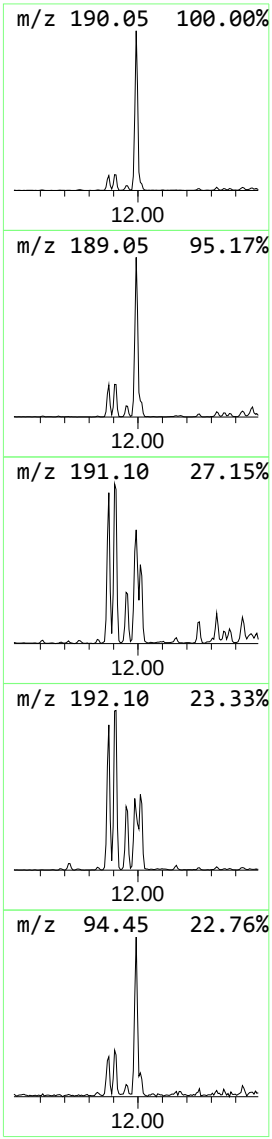
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.992	29.27 ng	2107310	Phenanthrene-d10	11.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





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Acq On : 27 Oct 2021 22:30
Operator : JU/CG
Sample : M4343-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
METRO-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.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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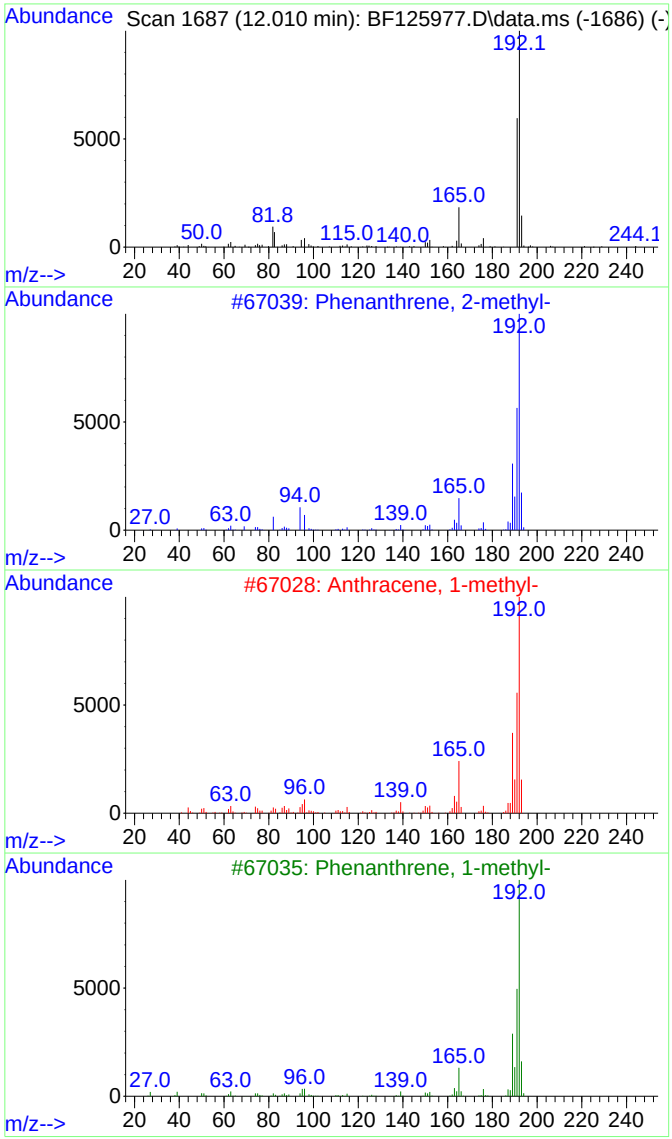
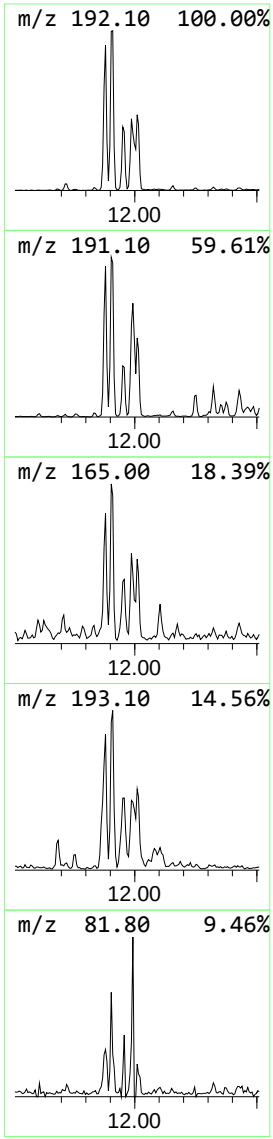
Peak Number 16 Anthracene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	5.84 ng	420364	Phenanthrene-d10	11.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86





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Operator : JU/CG
Sample : M4343-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : METRO-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.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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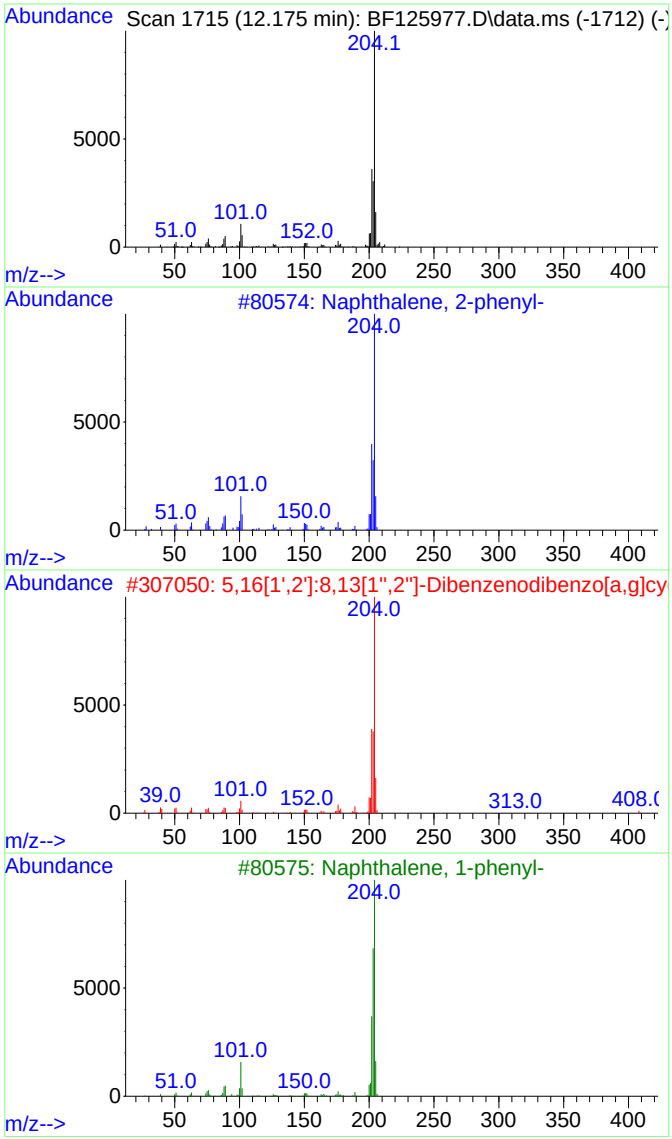
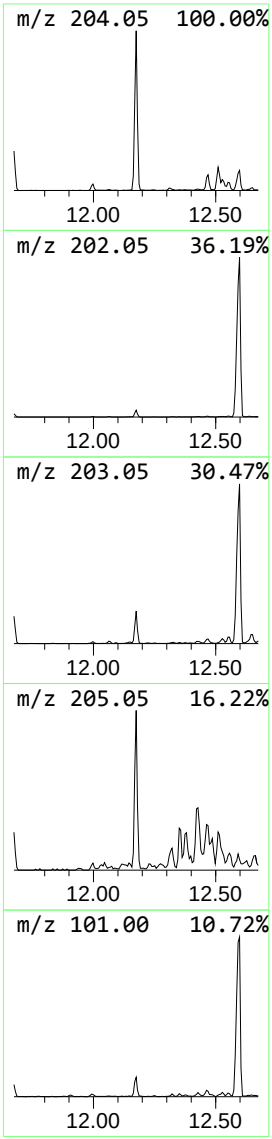
Peak Number 17 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.175	9.22 ng	664063	Phenanthrene-d10	11.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	86
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62





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Acq On : 27 Oct 2021 22:30
Operator : JU/CG
Sample : M4343-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : METRO-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.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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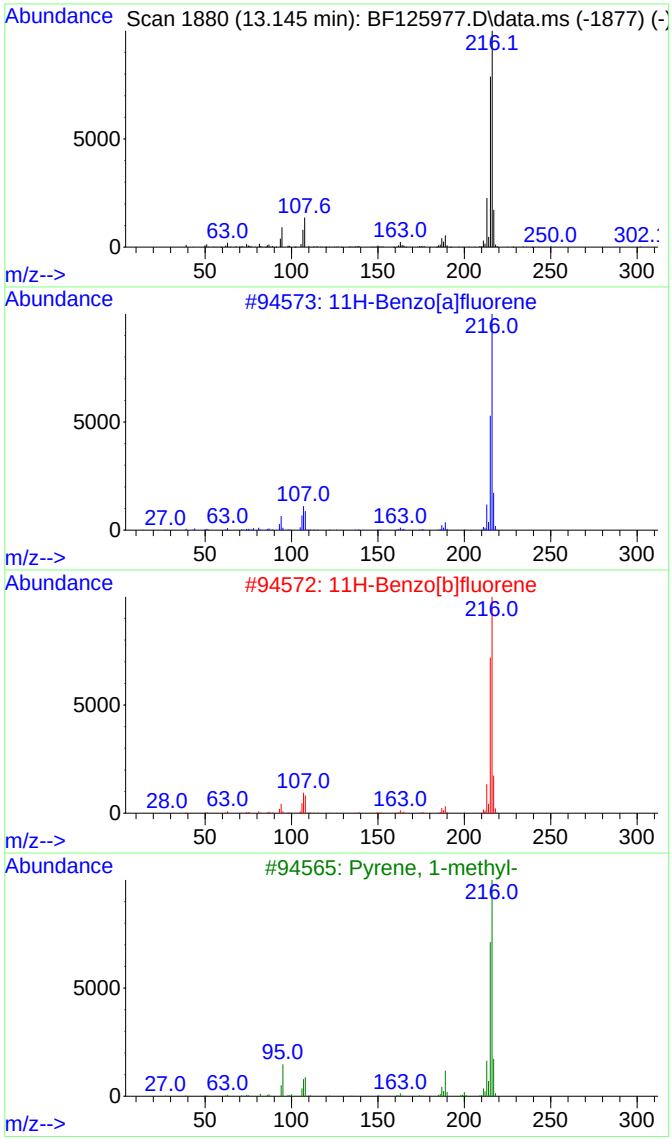
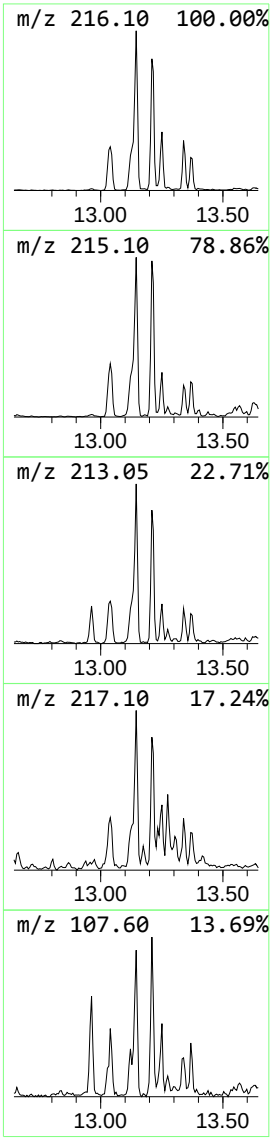
Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.145	6.60 ng	988065	Chrysene-d12	14.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	97
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80





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Data File : BF125977.D
Acq On : 27 Oct 2021 22:30
Operator : JU/CG
Sample : M4343-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
METRO-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.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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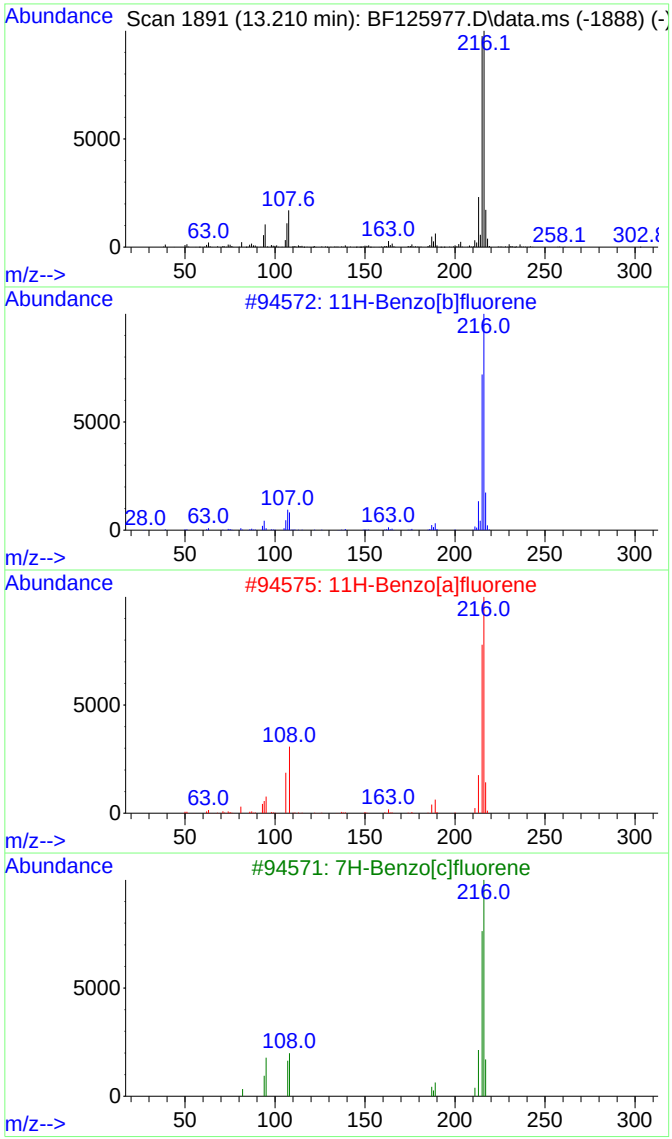
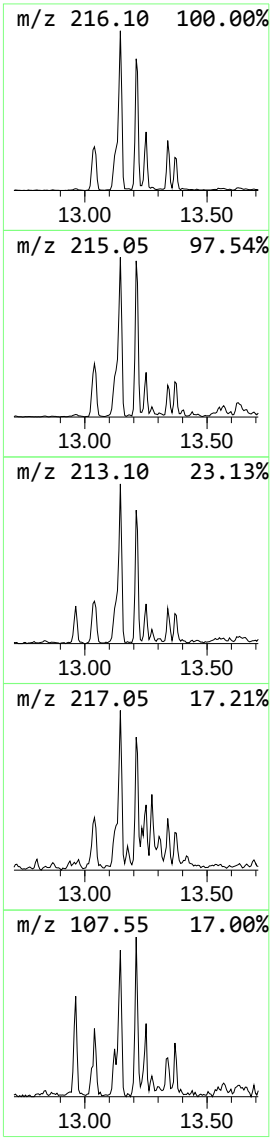
Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.210	5.74 ng	859319	Chrysene-d12	14.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	58





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Data File : BF125977.D
Acq On : 27 Oct 2021 22:30
Operator : JU/CG
Sample : M4343-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
METRO-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.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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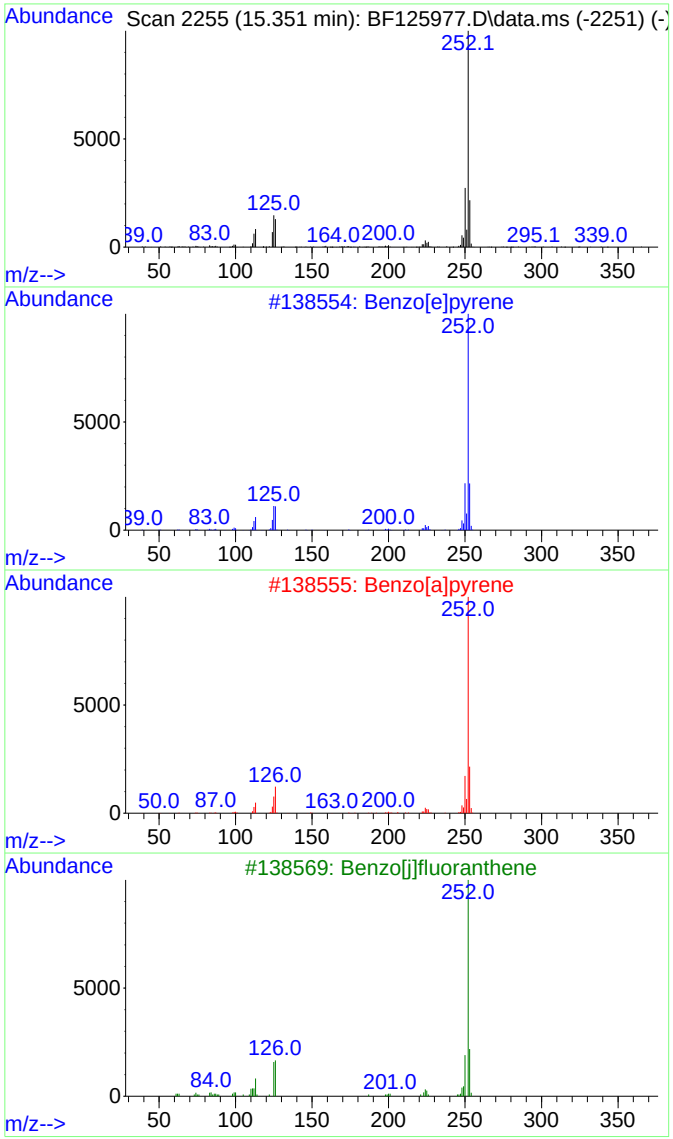
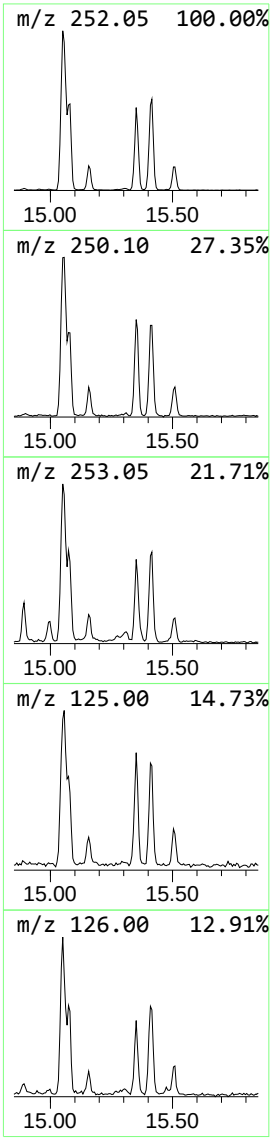
Peak Number 20 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.351	9.10 ng	494630	Perylene-d12	15.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125977.D
Acq On : 27 Oct 2021 22:30
Operator : JU/CG
Sample : M4343-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : METRO-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.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	54.5	ng	3088870	1	6.857	1134550	20.0
Ethanol, 2-(2-b...	8.040	7.2	ng	536359	2	8.139	1490800	20.0
Naphthalene, 1,...	9.551	6.0	ng	534501	3	9.892	1773880	20.0
1-Isopropenylna...	10.504	5.0	ng	445331	3	9.892	1773880	20.0
Nordiphenamid	10.528	6.9	ng	612619	3	9.892	1773880	20.0
Dibenzofuran, 4...	10.598	9.1	ng	803203	3	9.892	1773880	20.0
Phenanthrene, 9...	10.869	5.8	ng	418522	4	11.381	1439980	20.0
9H-Fluorene, 9-...	10.986	9.8	ng	706387	4	11.381	1439980	20.0
Phenol, 3-(2-ph...	11.116	5.4	ng	389195	4	11.381	1439980	20.0
Anthracene, 1,2...	11.239	12.8	ng	921273	4	11.381	1439980	20.0
Dibenzothiophene	11.275	8.9	ng	644567	4	11.381	1439980	20.0
Phenanthrene, 2...	11.880	14.3	ng	1029980	4	11.381	1439980	20.0
Phenanthrene, 1...	11.904	19.4	ng	1396930	4	11.381	1439980	20.0
1H-Cyclopropa[l...	11.951	6.7	ng	480889	4	11.381	1439980	20.0
4H-Cyclopenta[d...	11.992	29.3	ng	2107310	4	11.381	1439980	20.0
Anthracene, 1-m...	12.010	5.8	ng	420364	4	11.381	1439980	20.0
Naphthalene, 2-...	12.175	9.2	ng	664063	4	11.381	1439980	20.0
11H-Benzo[a]flu...	13.145	6.6	ng	988065	5	14.016	2992400	20.0
11H-Benzo[b]flu...	13.210	5.7	ng	859319	5	14.016	2992400	20.0
Benzo[e]pyrene	15.351	9.1	ng	494630	6	15.480	1087380	20.0