LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120080.D
Acq On : 20 Apr 2020 16:23
Operator : MA/SJ
Sample : L2314-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-2-1

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-BF040820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.316	544	549	552	rBV	2485639	2178289	72.82%	6.211%
2	6.351	721	725	728	rBV	2255159	2231464	74.59%	6.362%
3	6.545	754	758	763	rVB3	51199	60229	2.01%	0.172%
4	6.710	783	786	790	rBV	1070149	923860	30.88%	2.634%
5	6.869	809	813	816	rBV	2365796	1973690	65.98%	5.627%
6	7.122	850	856	860	rBV	36719	33709	1.13%	0.096%
7	7.281	876	883	886	rBV	1700515	1618810	54.11%	4.615%
8	7.316	886	889	895	rVB	51666	51805	1.73%	0.148%
9	7.516	920	923	928	rVB	45569	42850	1.43%	0.122%
10	7.998	1000	1005	1008	rBV	1474687	1337267	44.70%	3.813%
11	8.022	1008	1009	1011	rVB	160011	72694	2.43%	0.207%
12	8.598	1103	1107	1110	rBV	72176	59617	1.99%	0.170%
13	8.710	1122	1126	1130	rVB2	66534	61673	2.06%	0.176%
14	9.081	1183	1189	1192	rBV	3490746	2991445	100.00%	8.529%
15	9.163	1198	1203	1207	rBV2	67202	78806	2.63%	0.225%
16	9.339	1227	1233	1237	rBV2	31037	48407	1.62%	0.138%
17	9.416	1242	1246	1248	rBV	42973	46060	1.54%	0.131%
18	9.475	1252	1256	1260	rVV	654497	515332	17.23%	1.469%
19	9.616	1277	1280	1284	rBV	83121	78847	2.64%	0.225%
20	9.692	1291	1293	1297	rVB	56516	44510	1.49%	0.127%
21	9.757	1297	1304	1307	rBV	1601697	1365930	45.66%	3.894%
22	9.863	1318	1322	1326	rVB	156996	129016	4.31%	0.368%
23	9.951	1334	1337	1341	rVB3	54044	62584	2.09%	0.178%
24	10.057	1352	1355	1359	rBV3	32804	40817	1.36%	0.116%
25	10.192	1375	1378	1381	rBV	70567	59786	2.00%	0.170%
26	10.245	1384	1387	1390	rVV	62208	48303	1.61%	0.138%
27	10.304	1393	1397	1403	rVB4	26925	39192	1.31%	0.112%
28	10.416	1413	1416	1418	rBV3	42555	55942	1.87%	0.159%
29	10.545	1433	1438	1441	rBV	2065601	1738320	58.11%	4.956%
30	10.669	1455	1459	1466	rVB5	93757	156680	5.24%	0.447%
31	10.728	1466	1469	1475	rBV	109039	99633	3.33%	0.284%
32	10.839	1486	1488	1493	rBV3	39478	43037	1.44%	0.123%
33	11.016	1515	1518	1520	rVB	37501	35784	1.20%	0.102%
34	11.116	1532	1535	1537	rBV	65636	50475	1.69%	0.144%

LSC Area Percent Report

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Operator : MA/SJ
Sample : L2314-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-2-1

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-BF040820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.145	1537	1540	1545	rVB2	49247	64510	2.16%	0.184%
36	11.192	1545	1548	1552	rBV	83712	75535	2.53%	0.215%
37	11.239	1552	1556	1559	rBV	1435181	1331801	44.52%	3.797%
38	11.263	1559	1560	1563	rVV	204633	124396	4.16%	0.355%
39	11.316	1566	1569	1573	rVB2	66701	87965	2.94%	0.251%
40	11.545	1605	1608	1611	rBV	59818	64574	2.16%	0.184%
41	11.575	1611	1613	1621	rVB8	32068	49118	1.64%	0.140%
42	11.692	1631	1633	1636	rVB2	64543	55361	1.85%	0.158%
43	11.745	1639	1642	1644	rVB	45100	37600	1.26%	0.107%
44	11.775	1644	1647	1653	rBV2	300053	367737	12.29%	1.048%
45	11.851	1658	1660	1663	rVV	77056	88222	2.95%	0.252%
46	11.880	1663	1665	1668	rVB2	49766	46810	1.56%	0.133%
47	11.951	1675	1677	1680	rVB	47941	39994	1.34%	0.114%
48	12.039	1687	1692	1694	rBV3	56069	77951	2.61%	0.222%
49	12.145	1708	1710	1712	rBV3	30692	33940	1.13%	0.097%
50	12.186	1715	1717	1721	rVB2	87926	87790	2.93%	0.250%
51	12.222	1721	1723	1726	rBV3	34757	37272	1.25%	0.106%
52	12.298	1733	1736	1738	rBV	72335	72648	2.43%	0.207%
53	12.339	1738	1743	1747	rVB4	80780	133280	4.46%	0.380%
54	12.380	1747	1750	1754	rBV2	39935	44974	1.50%	0.128%
55	12.457	1759	1763	1766	rBV	234398	222284	7.43%	0.634%
56	12.563	1776	1781	1786	rBV3	159947	200270	6.69%	0.571%
57	12.604	1786	1788	1793	rVB5	36006	69406	2.32%	0.198%
58	12.680	1798	1801	1804	rVV	255745	239549	8.01%	0.683%
59	12.710	1804	1806	1809	rVB2	65315	64396	2.15%	0.184%
60	12.833	1820	1827	1830	rBV	3180102	2784693	93.09%	7.940%
61	13.074	1865	1868	1870	rBV2	47557	54397	1.82%	0.155%
62	13.116	1873	1875	1879	rVB2	62673	49263	1.65%	0.140%
63	13.210	1885	1891	1893	rBV	83611	141206	4.72%	0.403%
64	13.239	1893	1896	1897	rVV	60478	61064	2.04%	0.174%
65	13.257	1897	1899	1902	rVB	158583	118115	3.95%	0.337%
66	13.410	1922	1925	1929	rBV	98452	97909	3.27%	0.279%
67	13.463	1929	1934	1936	rBV6	42516	80167	2.68%	0.229%
68	13.498	1938	1940	1942	rBV2	66378	58432	1.95%	0.167%
69	13.621	1958	1961	1963	rBV	195978	189278	6.33%	0.540%
70	13.739	1977	1981	1990	rBV3	279821	377442	12.62%	1.076%
71	13.880	2001	2005	2008	rBV2	1086338	1176803	39.34%	3.355%

LSC Area Percent Report

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Sample : L2314-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-2-1

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.910	2008	2010	2012	rVB	130859	101854	3.40%	0.290%
73	14.051	2031	2034	2038	rBV2	223300	231908	7.75%	0.661%
74	14.098	2039	2042	2043	rBV	79631	69613	2.33%	0.198%
75	14.127	2043	2047	2050	rBV	177457	250892	8.39%	0.715%
76	14.157	2050	2052	2054	rVB	179885	139358	4.66%	0.397%
77	14.204	2057	2060	2064	rVB	221629	213530	7.14%	0.609%
78	14.274	2068	2072	2075	rBV	728804	1008470	33.71%	2.875%
79	14.298	2075	2076	2079	rVB	541372	362712	12.12%	1.034%
80	14.339	2079	2083	2085	rBV	434890	400365	13.38%	1.141%
81	14.368	2085	2088	2091	rBV3	104999	150823	5.04%	0.430%
82	14.410	2091	2095	2096	rBV	330292	349851	11.70%	0.997%
83	14.521	2111	2114	2117	rVB	398927	360348	12.05%	1.027%
84	14.645	2132	2135	2140	rBV	635666	639214	21.37%	1.822%
85	14.710	2143	2146	2152	rVB	632070	597900	19.99%	1.705%
86	14.904	2175	2179	2182	rBV	143873	226669	7.58%	0.646%
87	14.980	2190	2192	2194	rBV	82882	70689	2.36%	0.202%
88	15.186	2225	2227	2233	rVB	96936	109508	3.66%	0.312%
89	15.245	2234	2237	2242	rVB	154118	185422	6.20%	0.529%
90	15.310	2243	2248	2259	rVB2	817777	1273157	42.56%	3.630%
91	15.757	2320	2324	2328	rBV3	61143	91685	3.06%	0.261%
92	15.810	2329	2333	2340	rVB3	97598	182004	6.08%	0.519%
93	16.339	2418	2423	2438	rVB	144254	328867	10.99%	0.938%
94	16.686	2479	2482	2489	rVB3	82604	148126	4.95%	0.422%
95	17.104	2549	2553	2561	rVB3	67376	132250	4.42%	0.377%
96	18.533	2791	2796	2805	rVB3	70263	167669	5.60%	0.478%

Sum of corrected areas: 35073899

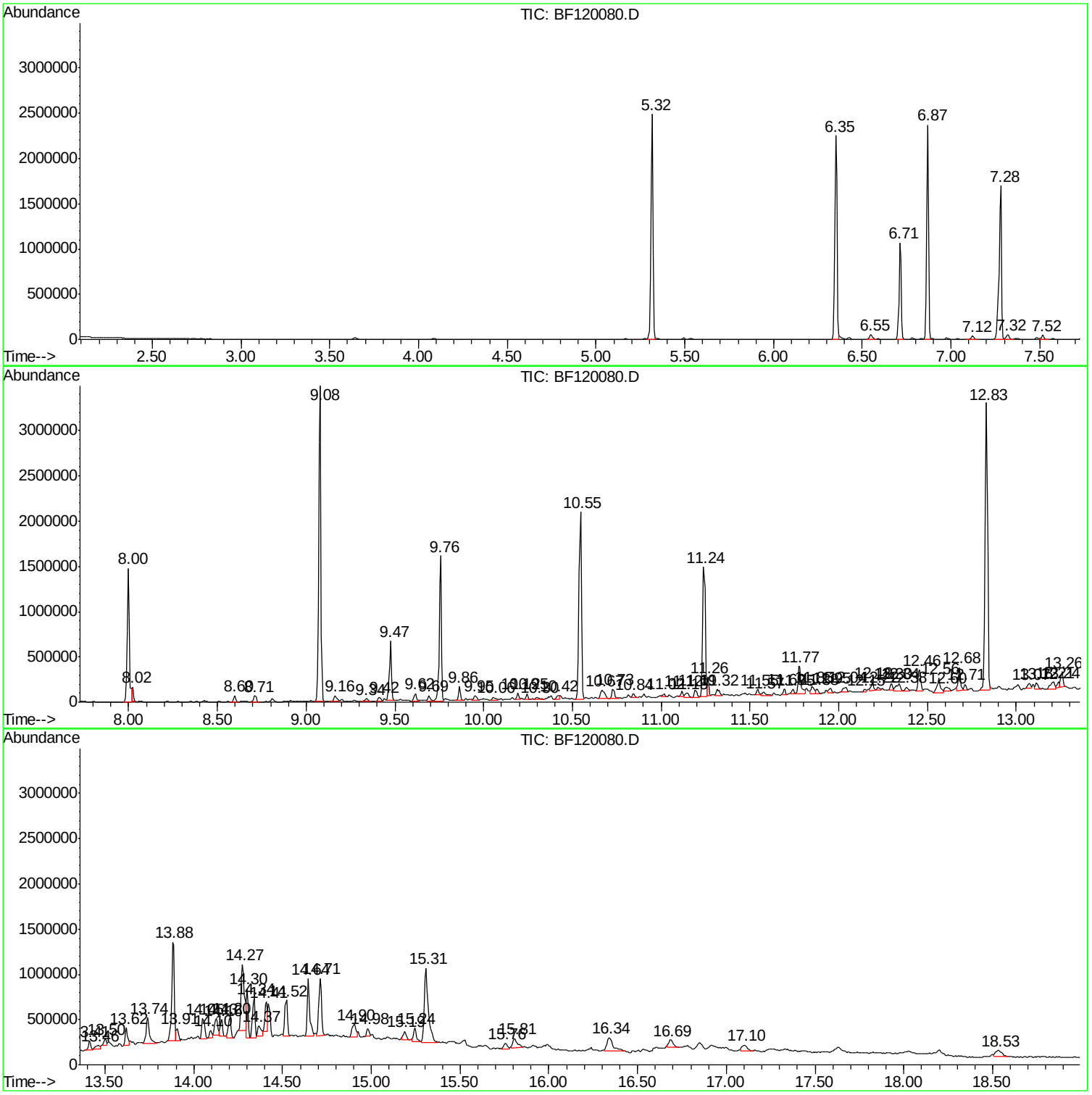
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120080.D
Acq On : 20 Apr 2020 16:23
Operator : MA/SJ
Sample : L2314-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-2-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120080.D
Acq On : 20 Apr 2020 16:23
Operator : MA/SJ
Sample : L2314-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-2-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

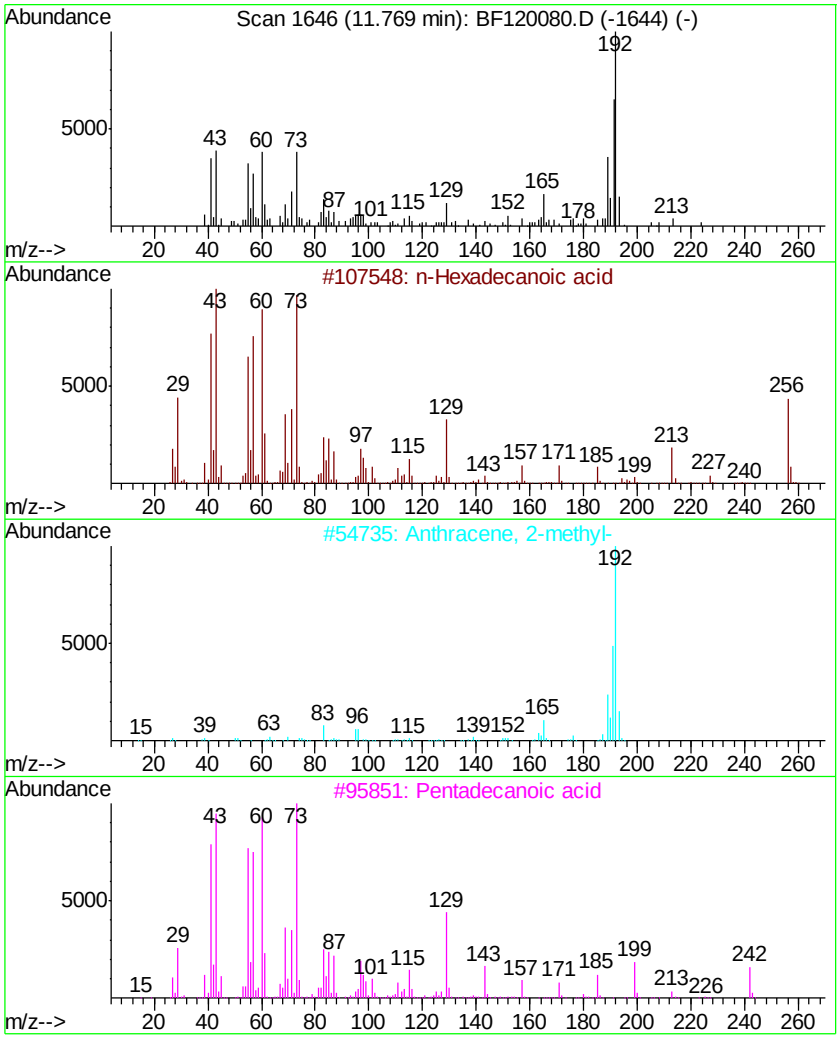
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

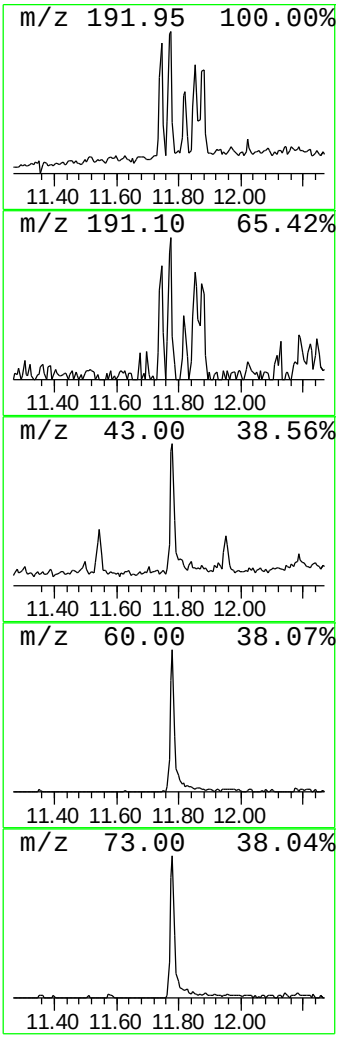
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	5.52 ng	367737	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	55
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	47
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120080.D
Acq On : 20 Apr 2020 16:23
Operator : MA/SJ
Sample : L2314-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-2-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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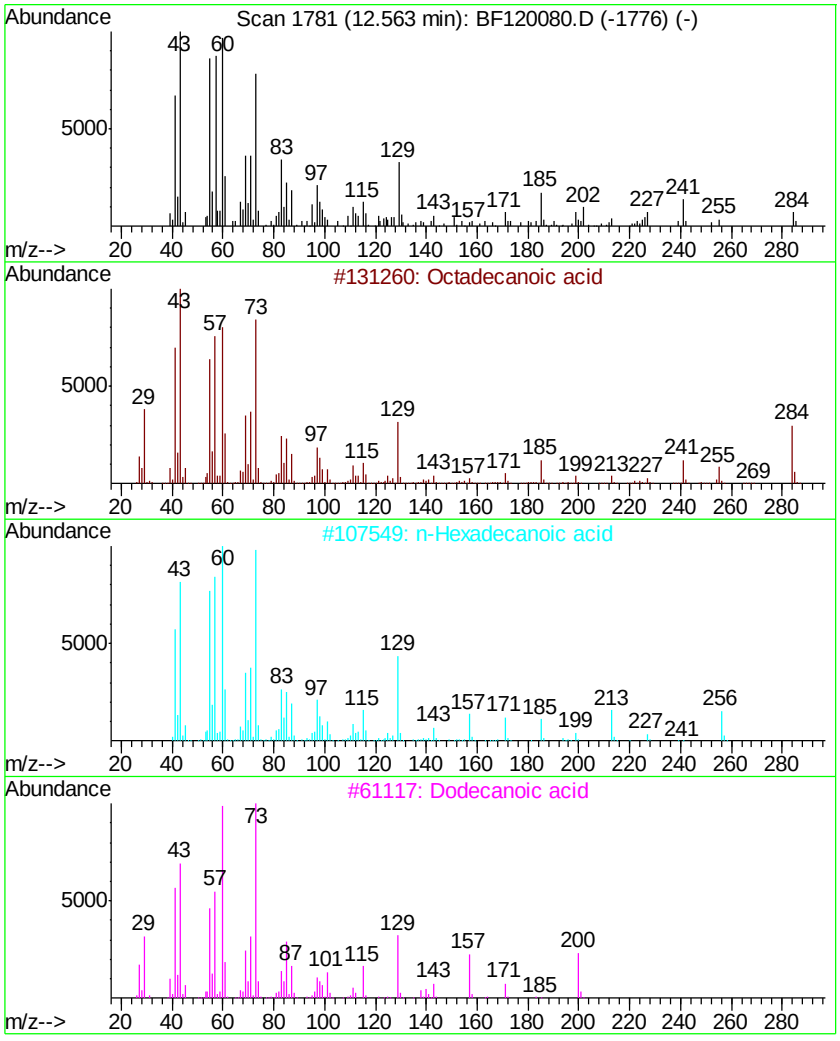
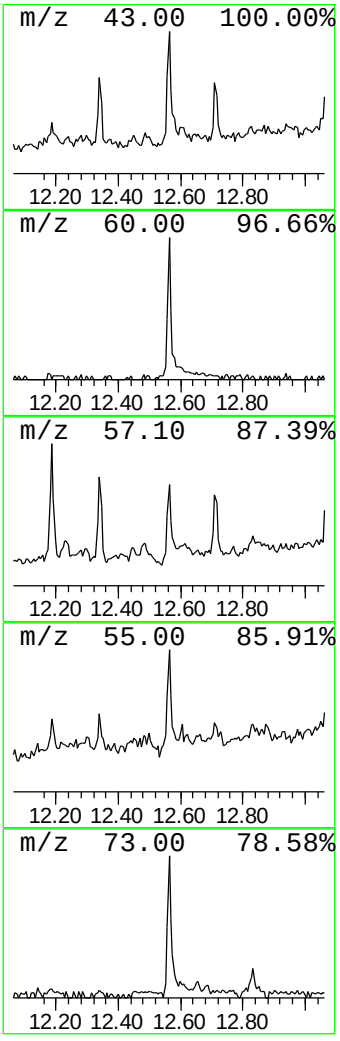
Peak Number 3 Octadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	3.40 ng	200270	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
3	Dodecanoic acid	200	C12H24O2	000143-07-7	62
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	Undecanoic acid	186	C11H22O2	000112-37-8	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
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Sample : L2314-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-2-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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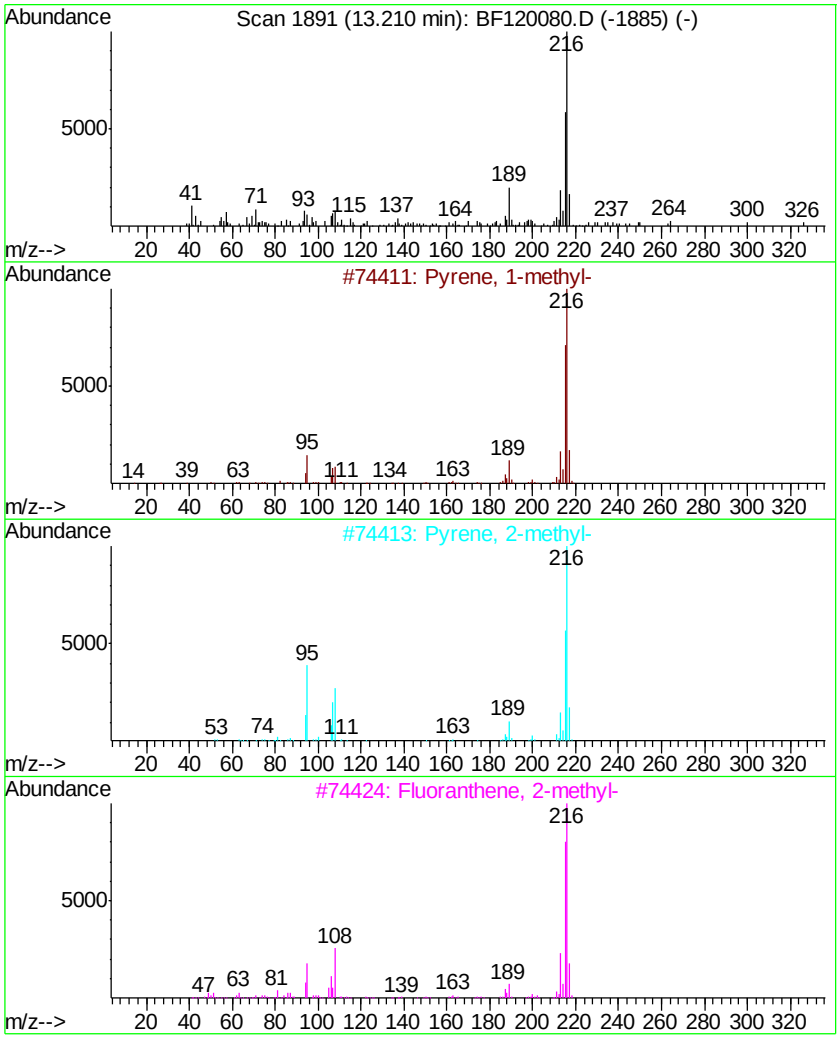
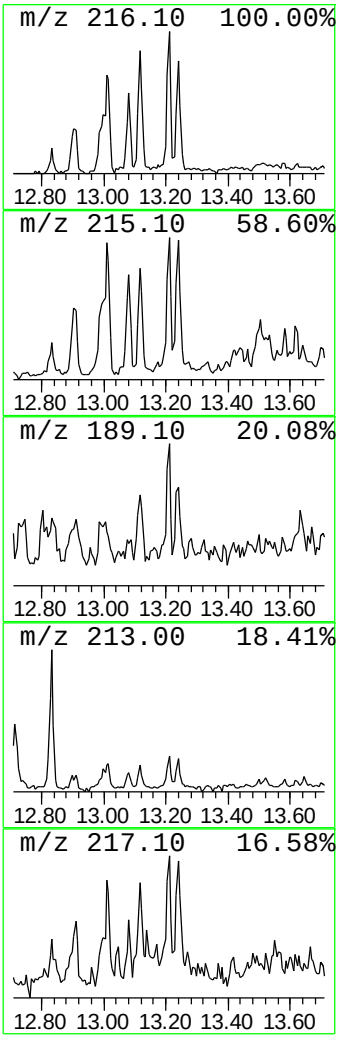
Peak Number 4 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	2.40 ng	141206	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120080.D
Acq On : 20 Apr 2020 16:23
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-2-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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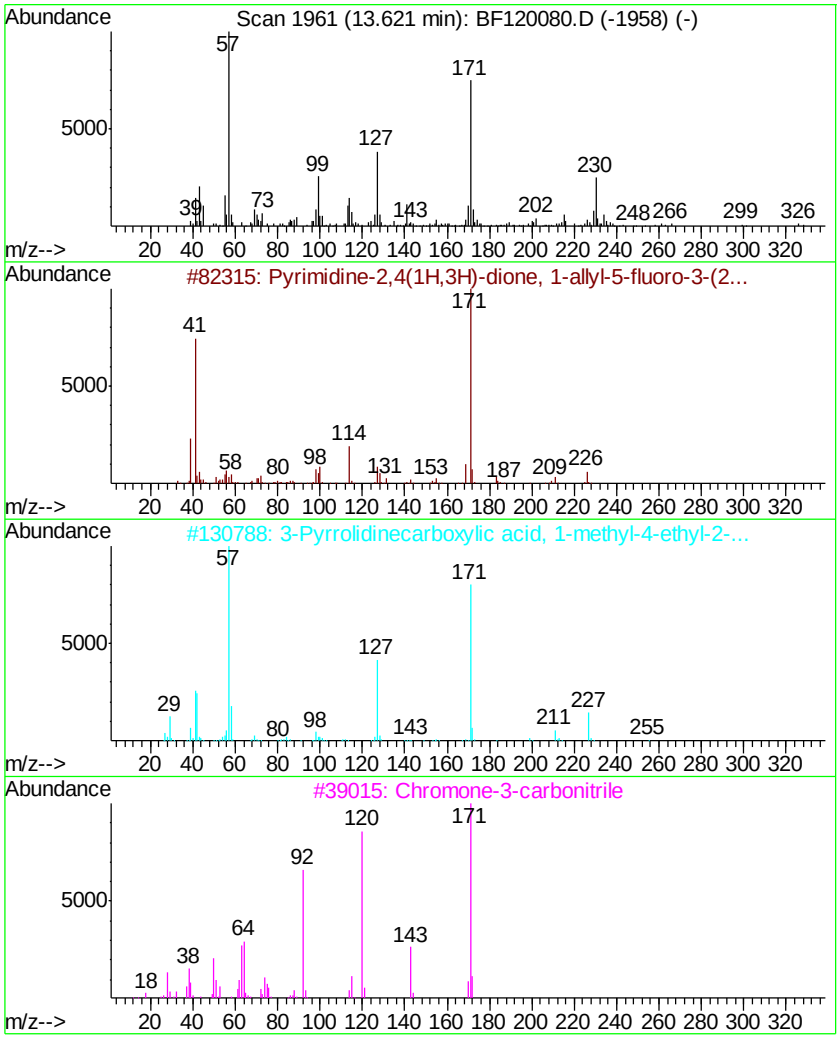
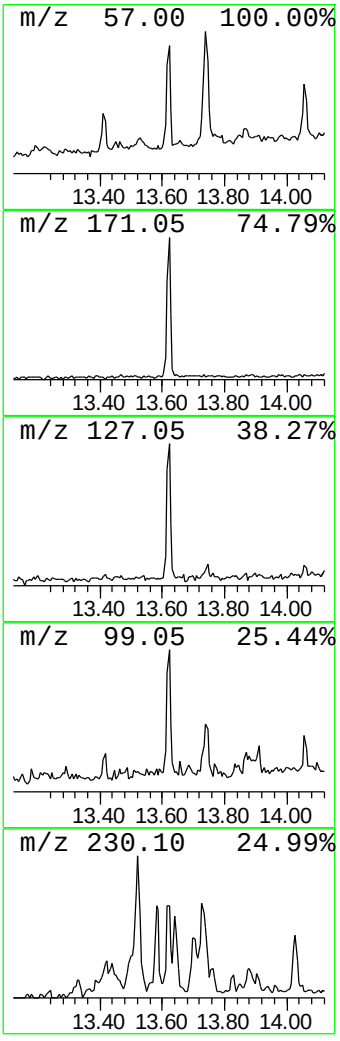
Peak Number 5 unknown13.62 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	3.22 ng	189278	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrimidine-2,4(1H,3H)-dione, 1-a...	226	C11H15FN2O2	312533-68-9	38
2	3-Pyrrolidinecarboxylic acid, 1-...	284	C15H28N2O3	1000196-95-3	38
3	Chromone-3-carbonitrile	171	C10H5NO2	050743-17-4	35
4	Pyrazinamine, 5-phenyl-	171	C10H9N3	013535-13-2	35
5	1-Naphthalenamine, N,N-dimethyl-	171	C12H13N	000086-56-6	35





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Data File : BF120080.D
Acq On : 20 Apr 2020 16:23
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Sample : L2314-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-2-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

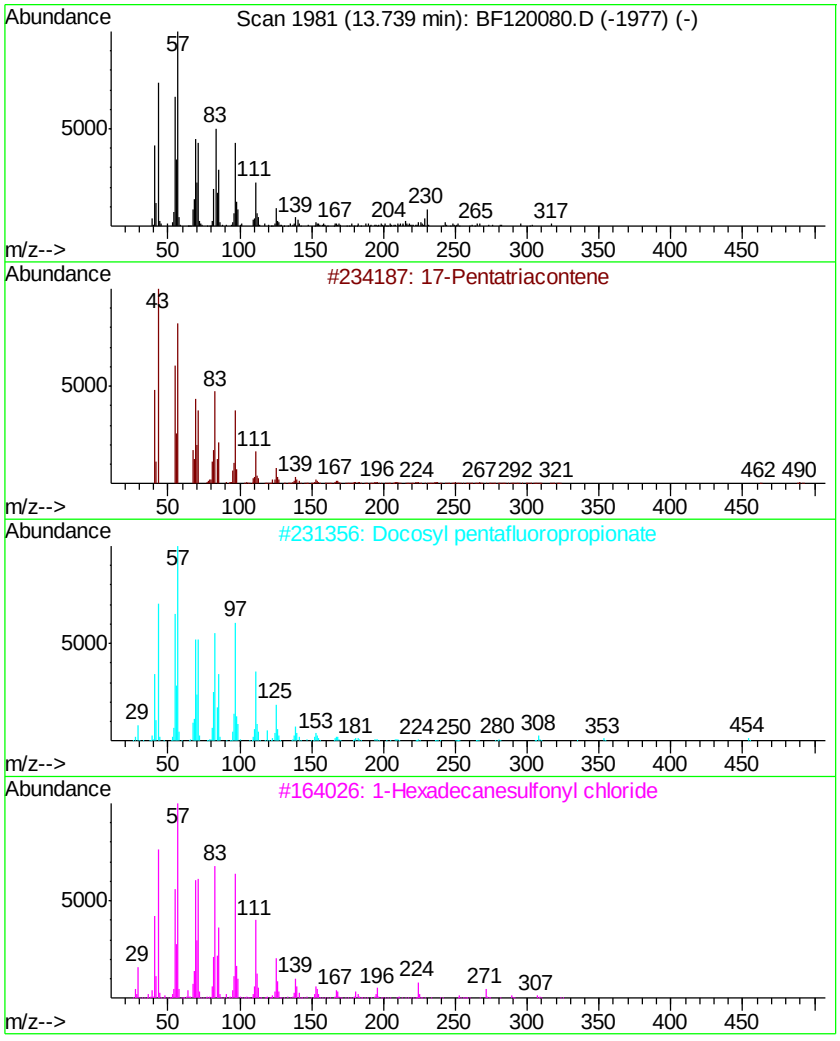
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

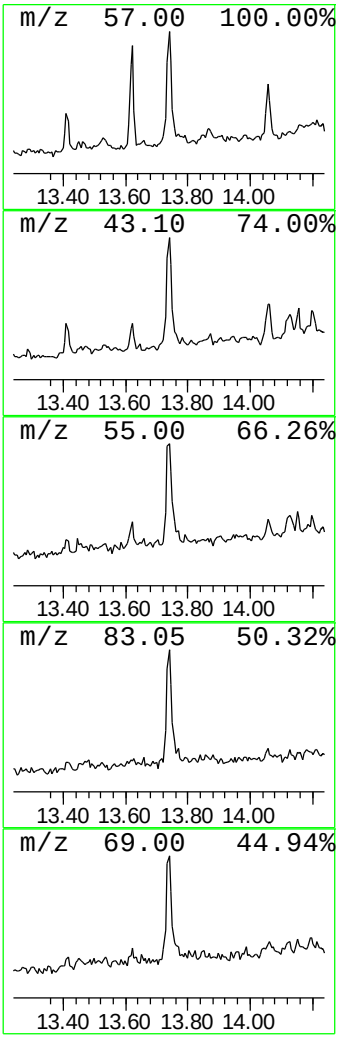
****

Peak Number 6 17-Pentatriacontene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	6.41 ng	377442	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	91
3	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
4	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	91
5	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120080.D
Acq On : 20 Apr 2020 16:23
Operator : MA/SJ
Sample : L2314-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-2-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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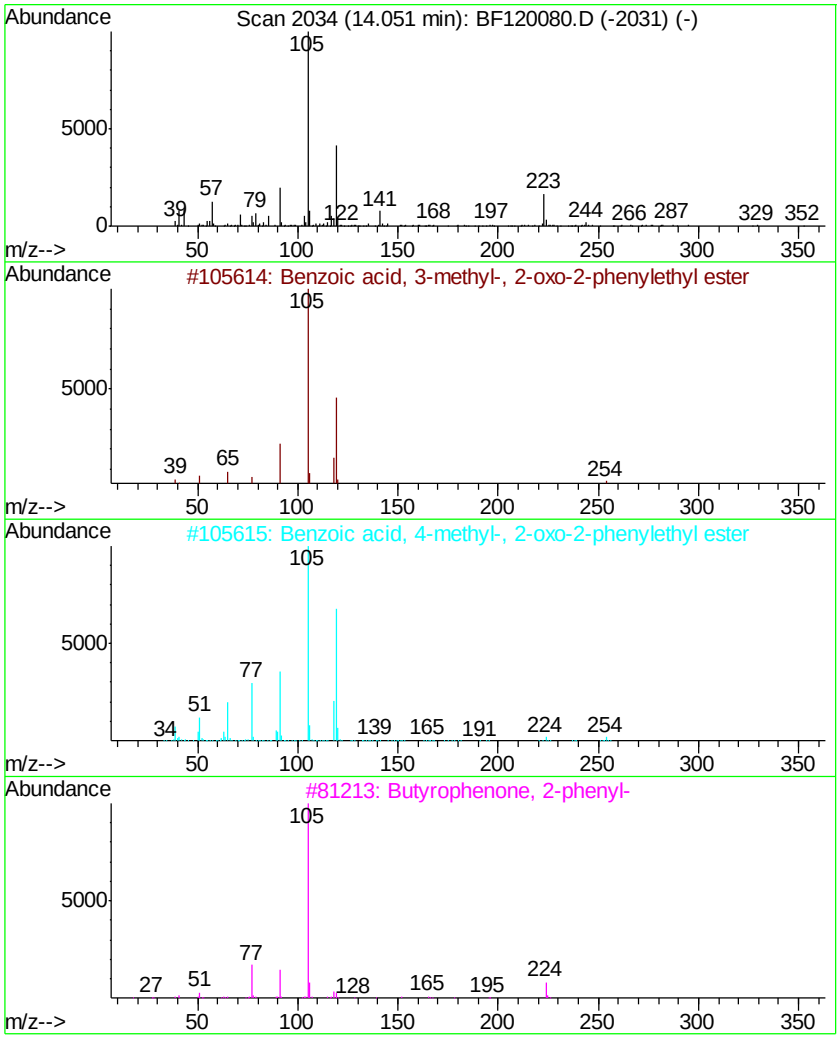
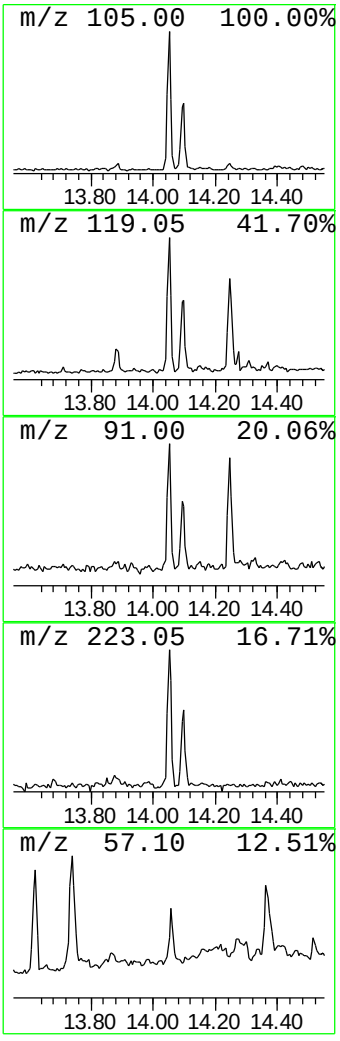
Peak Number 7 unknown14.05 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	3.94 ng	231908	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3-methyl-, 2-oxo-2...	254	C16H14O3	055153-20-3	40
2	Benzoic acid, 4-methyl-, 2-oxo-2...	254	C16H14O3	054797-44-3	25
3	Butyrophenone, 2-phenyl-	224	C16H16O	016282-16-9	14
4	Benzene, (1,3-dimethyl-3-butenyl)-	160	C12H16	056851-51-5	10
5	Oxalic acid, monoamide, N-(4-met...	277	C16H23NO3	1000309-62-0	10





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Operator : MA/SJ
Sample : L2314-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-2-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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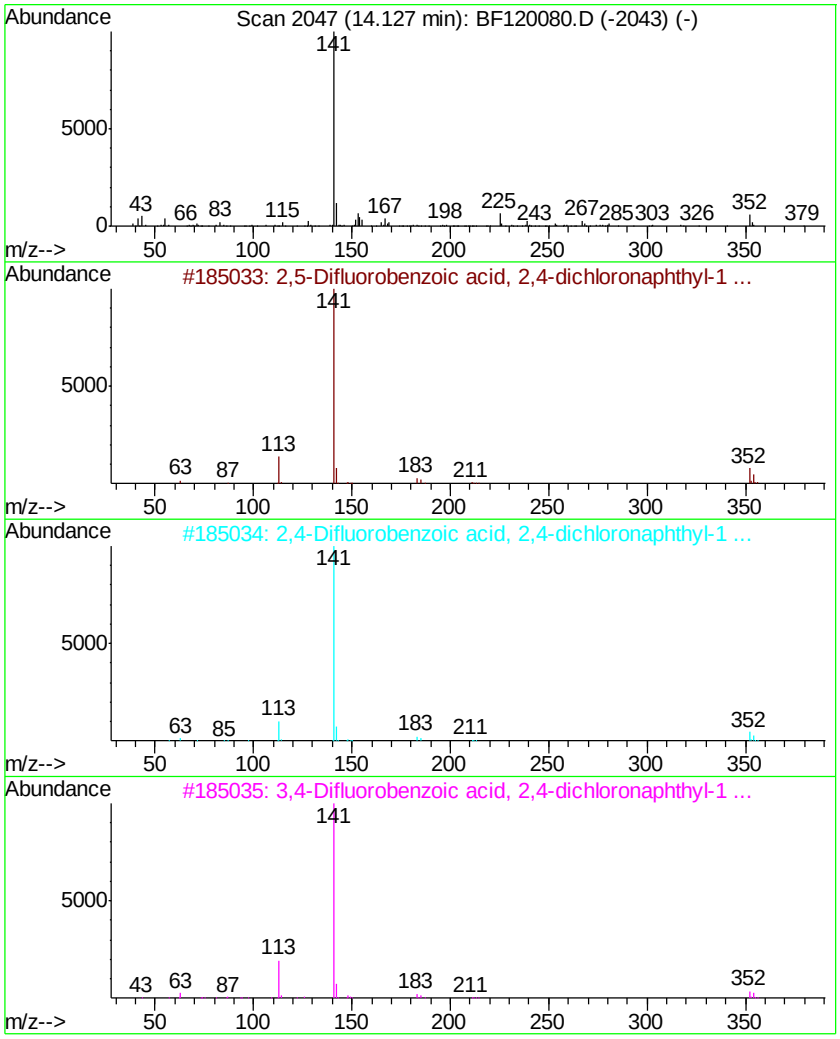
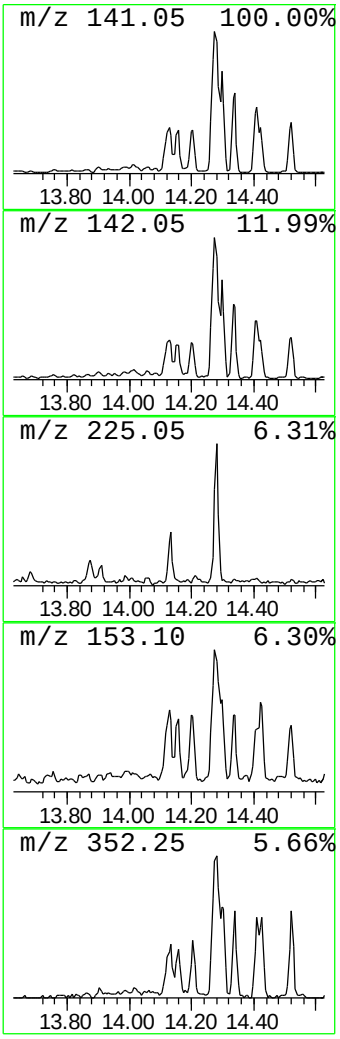
Peak Number 8 2,5-Difluorobenzoic acid, 2... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	4.26 ng	250892	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Difluorobenzoic acid, 2,4-di...	352	C17H8Cl2F2O2	1000331-56-9	72
2	2,4-Difluorobenzoic acid, 2,4-di...	352	C17H8Cl2F2O2	1000331-58-5	64
3	3,4-Difluorobenzoic acid, 2,4-di...	352	C17H8Cl2F2O2	1000331-64-4	50
4	Fumaric acid, pentachlorophenyl ...	404	C13H9Cl5O4	1000348-17-9	39
5	2,5-Difluorobenzoic acid, 3-fluo...	252	C13H7F3O2	1000331-55-9	38





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Sample : L2314-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-2-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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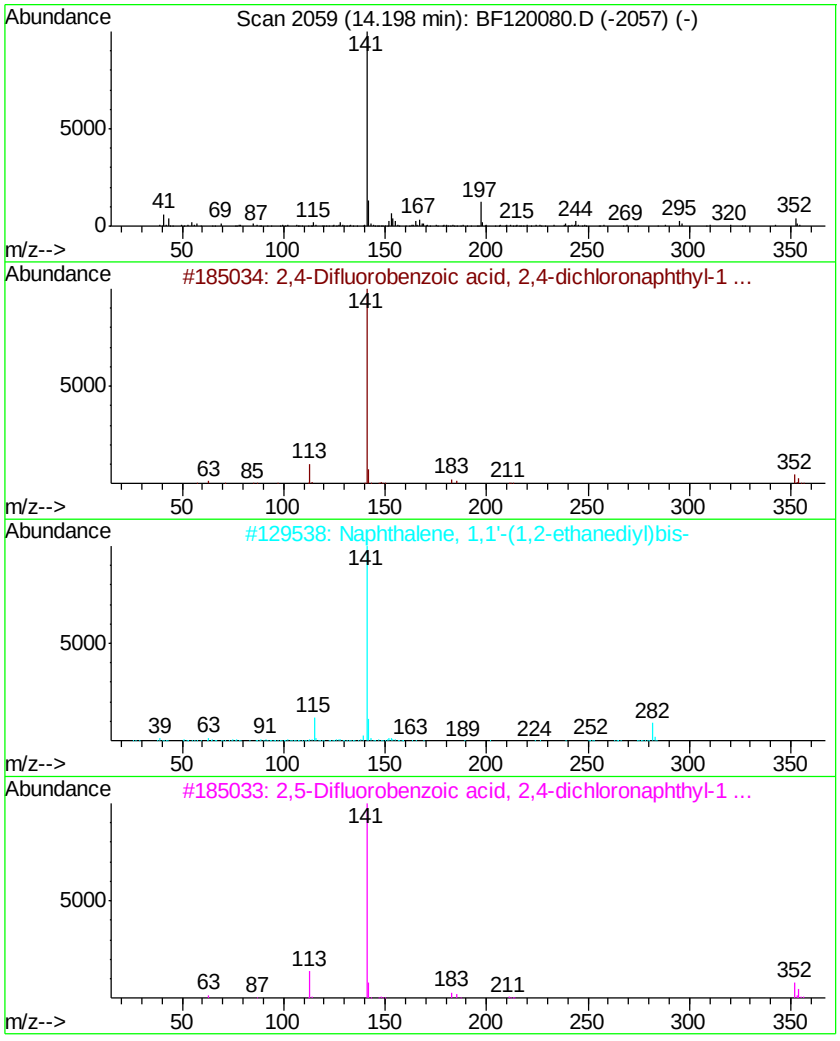
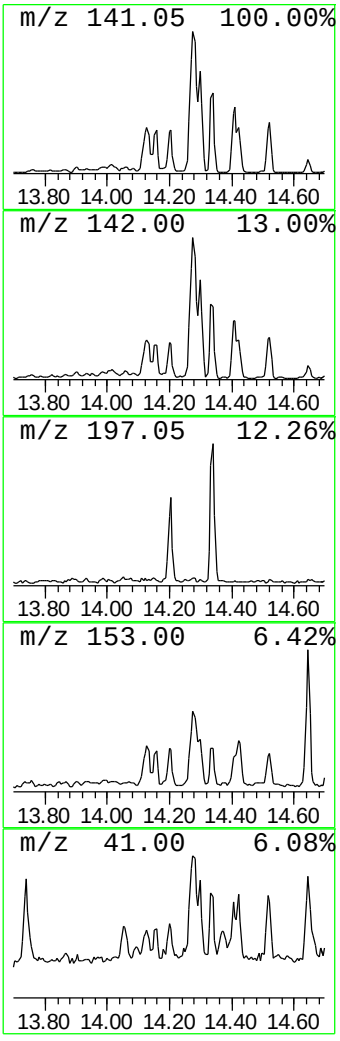
Peak Number 9 2,4-Difluorobenzoic acid, 2... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	3.63 ng	213530	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Difluorobenzoic acid, 2,4-di...	352	C17H8Cl2F2O2	1000331-58-5	59
2	Naphthalene, 1,1'-(1,2-ethanediy...	282	C22H18	015374-45-5	53
3	2,5-Difluorobenzoic acid, 2,4-di...	352	C17H8Cl2F2O2	1000331-56-9	45
4	3,4-Difluorobenzoic acid, 2,4-di...	352	C17H8Cl2F2O2	1000331-64-4	45
5	Naphthalene, 2,2'-(1,2-ethanediy...	282	C22H18	021969-45-9	42





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-2-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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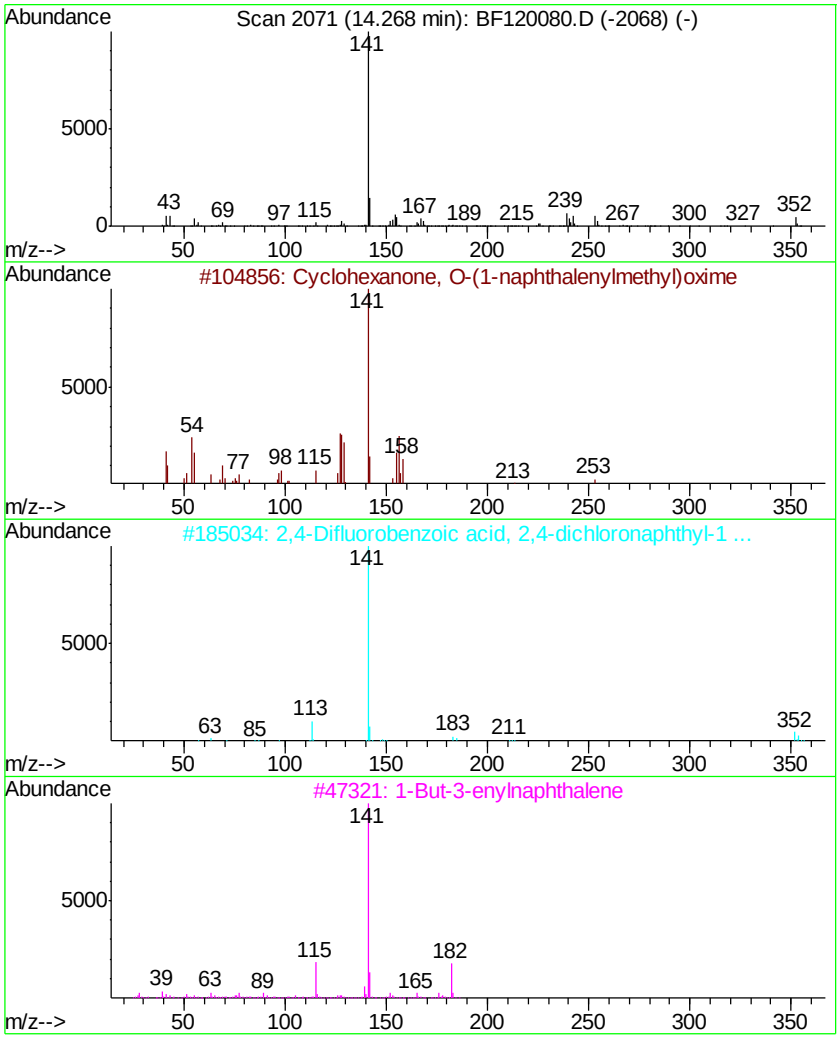
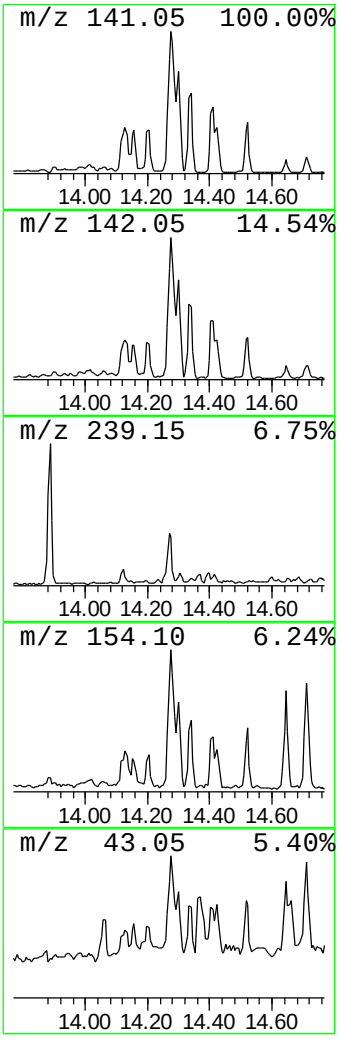
Peak Number 10 unknown14.27 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	17.14 ng	1008470	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, O-(1-naphthalenyl...	253	C17H19NO	055045-02-8	9
2	2,4-Difluorobenzoic acid, 2,4-di...	352	C17H8Cl2F2O2	1000331-58-5	9
3	1-But-3-enylnaphthalene	182	C14H14	002489-88-5	9
4	Fumaric acid, pentachlorophenyl ...	404	C13H9Cl5O4	1000348-17-9	9
5	2-Naphthaleneethanol	172	C12H12O	001485-07-0	9





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Instrument : BNA_F
ClientSampleId : WB-2-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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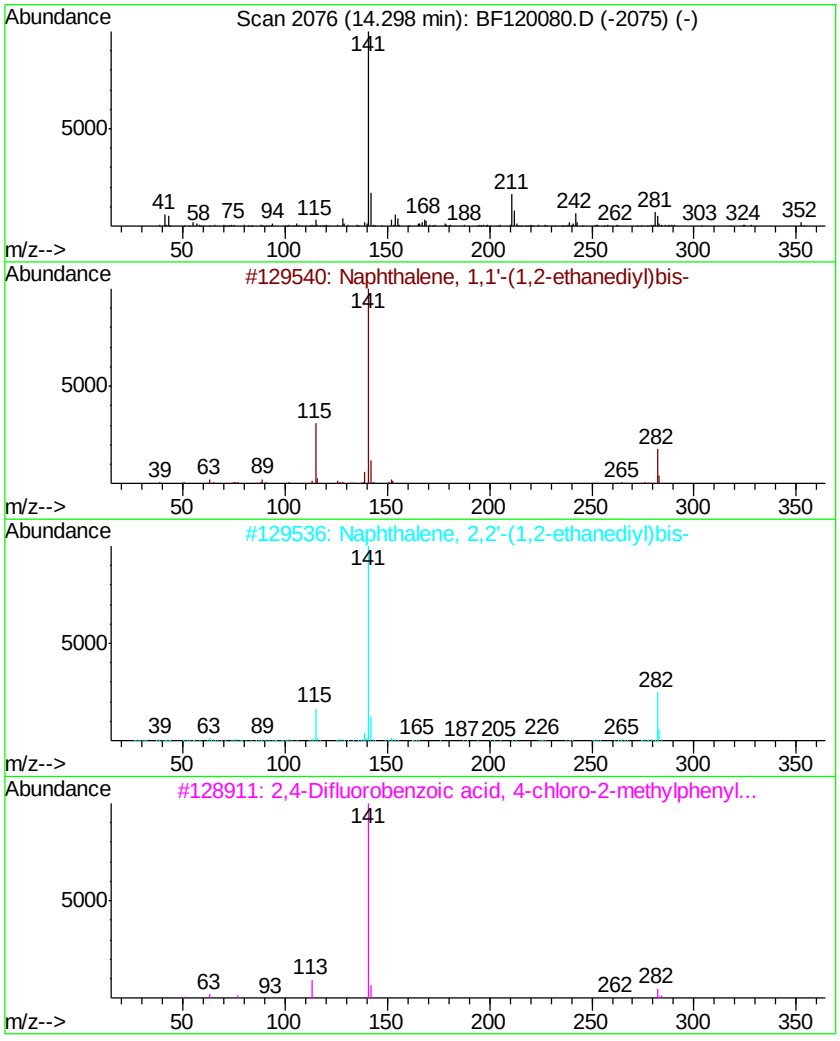
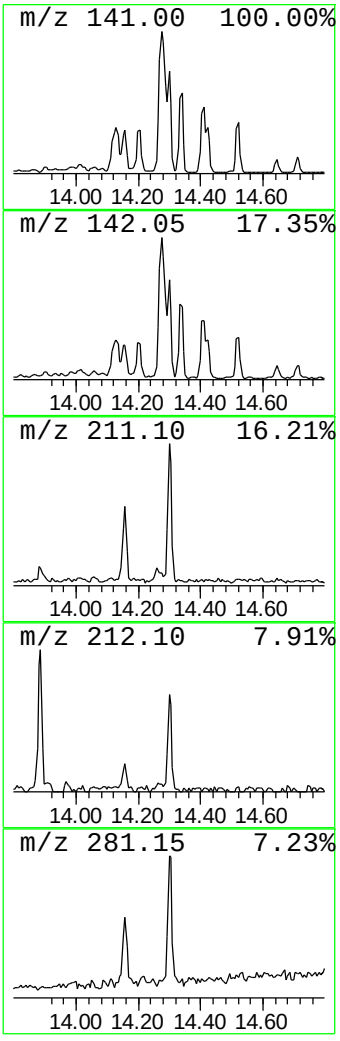
Peak Number 11 Naphthalene, 1,1'-(1,2-etha... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	6.16 ng	362712	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,1'-(1,2-ethanediv...	282	C22H18	015374-45-5	53
2	Naphthalene, 2,2'-(1,2-ethanediv...	282	C22H18	021969-45-9	42
3	2,4-Difluorobenzoic acid, 4-chlo...	282	C14H9ClF2O2	1000331-57-9	40
4	3,4-Difluorobenzoic acid, 4-tetr...	354	C21H32F2O2	1000338-60-7	36
5	Naphthalene, 1-propyl-	170	C13H14	002765-18-6	33





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ClientSampleId : WB-2-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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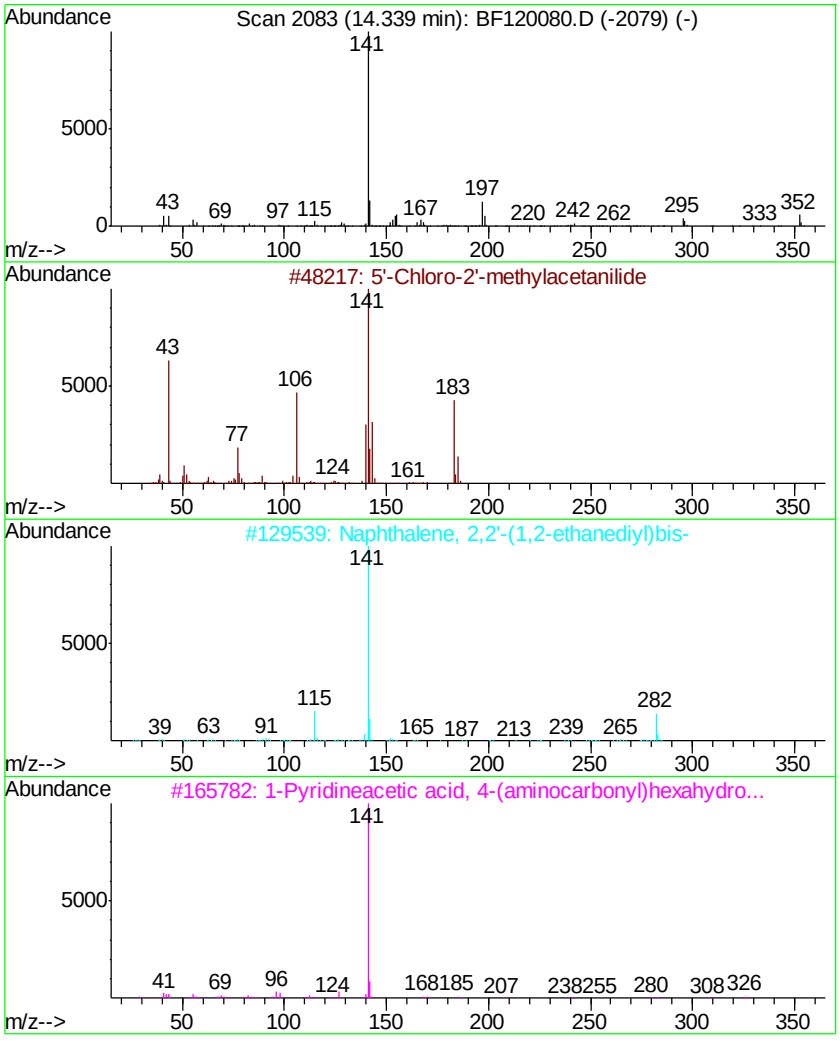
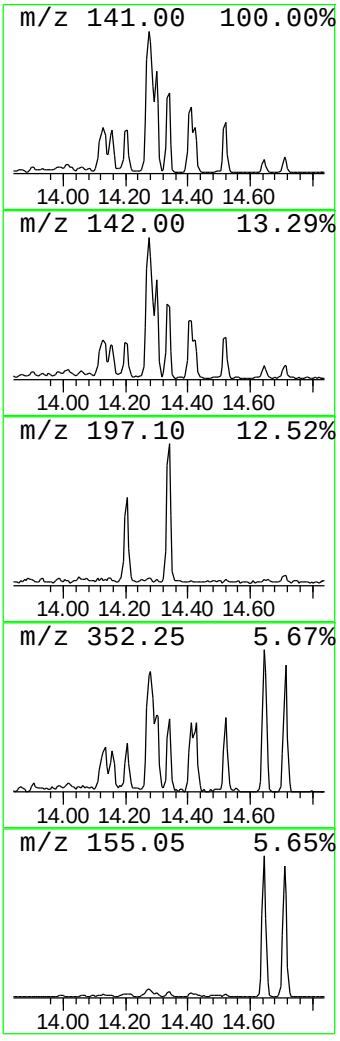
Peak Number 12 unknown14.34 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	6.80 ng	400365	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5'-Chloro-2'-methylacetanilide	183	C9H10ClNO	005900-55-0	36
2	Naphthalene, 2,2'-(1,2-ethanediy...	282	C22H18	021969-45-9	36
3	1-Pyridineacetic acid, 4-(aminoc...	326	C18H34N2O3	1000319-12-3	36
4	1-[5-Nitro-6-uracilyl]-2-[2-chlo...	293	C12H8ClN3O4	296798-53-3	28
5	Fumaric acid, 2,4-dichloronaphth...	352	C17H14Cl2O4	1000344-93-2	9





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Instrument : BNA_F
ClientSampleId : WB-2-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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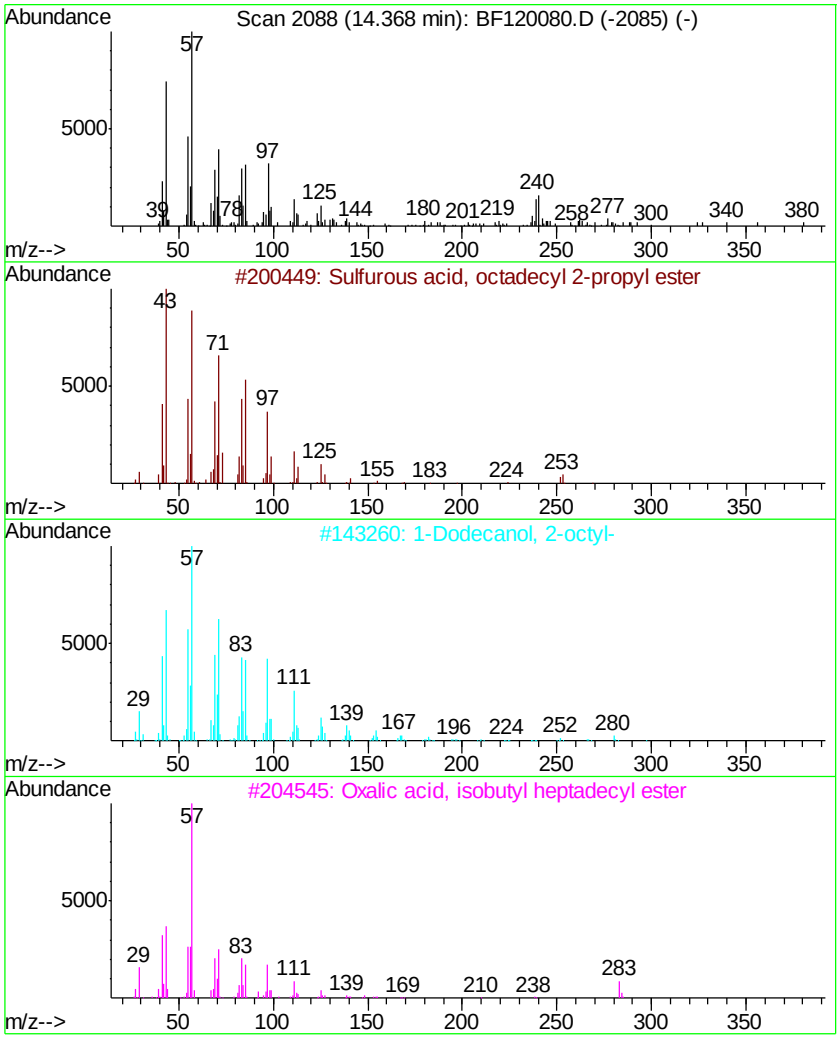
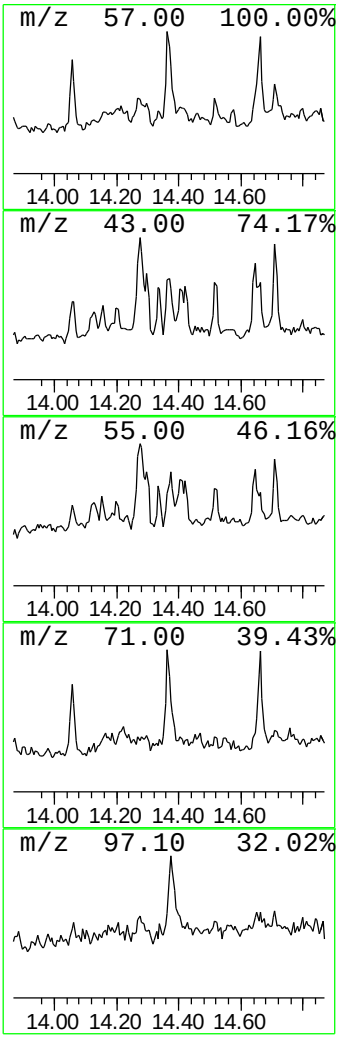
Peak Number 13 Sulfurous acid, octadecyl 2... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	2.56 ng	150823	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	76
2	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	76
3	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	68
4	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	68
5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	68





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ClientSampleId : WB-2-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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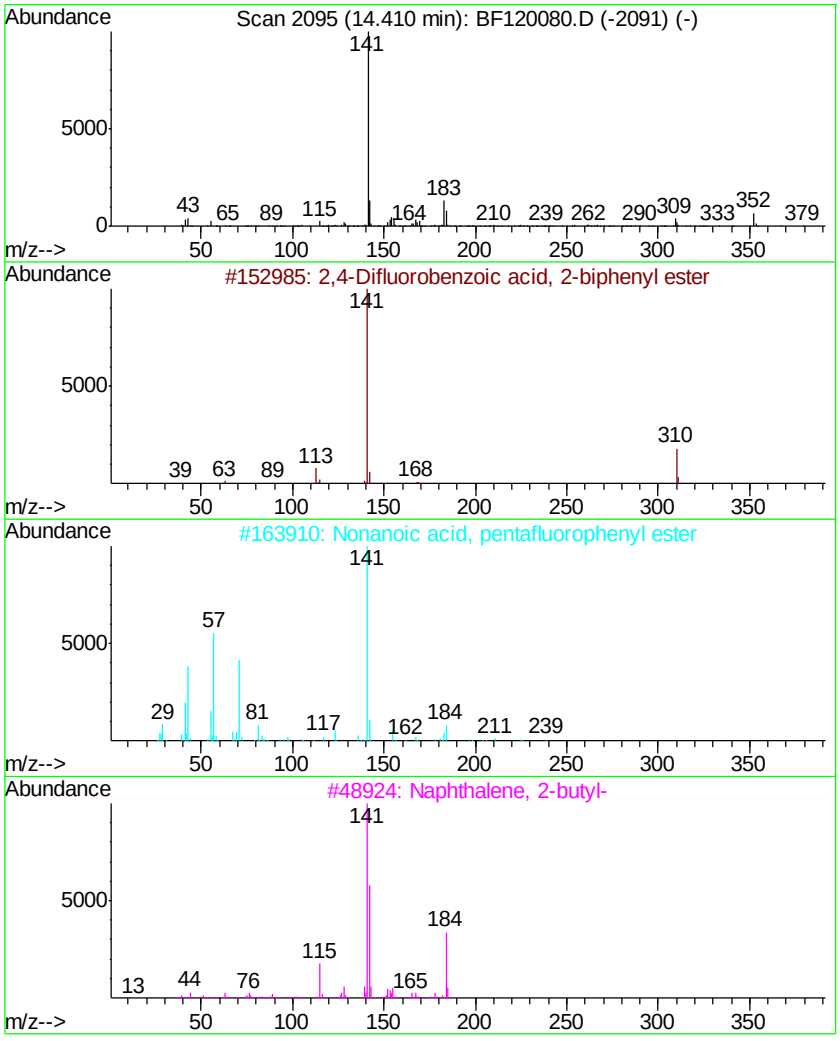
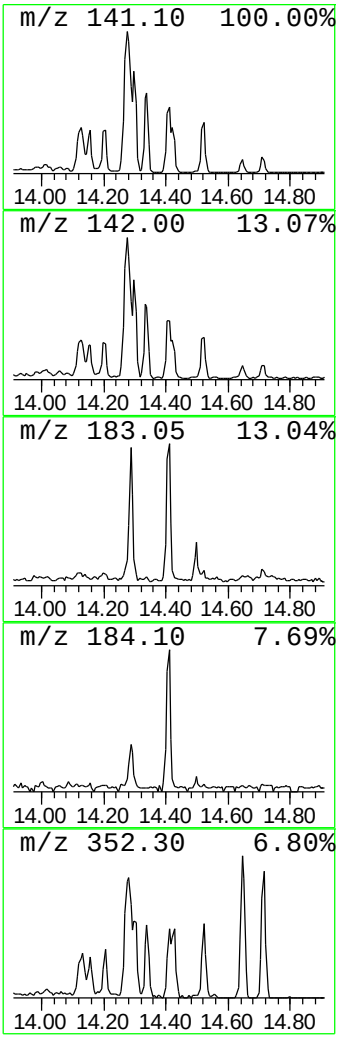
Peak Number 14 2,4-Difluorobenzoic acid, 2... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	5.95 ng	349851	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Difluorobenzoic acid, 2-biph...	310	C19H12F2O2	1000331-58-3	53
2	Nonanoic acid, pentafluorophenyl...	324	C15H17F5O2	1000360-66-5	45
3	Naphthalene, 2-butyl-	184	C14H16	001134-62-9	42
4	3,4-Difluorobenzoic acid, 2-biph...	310	C19H12F2O2	1000331-64-2	42
5	.beta.-Alanine, N-(2,6-difluorob...	299	C15H19F2NO3	1000321-84-2	40





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Misc :
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ClientSampleId : WB-2-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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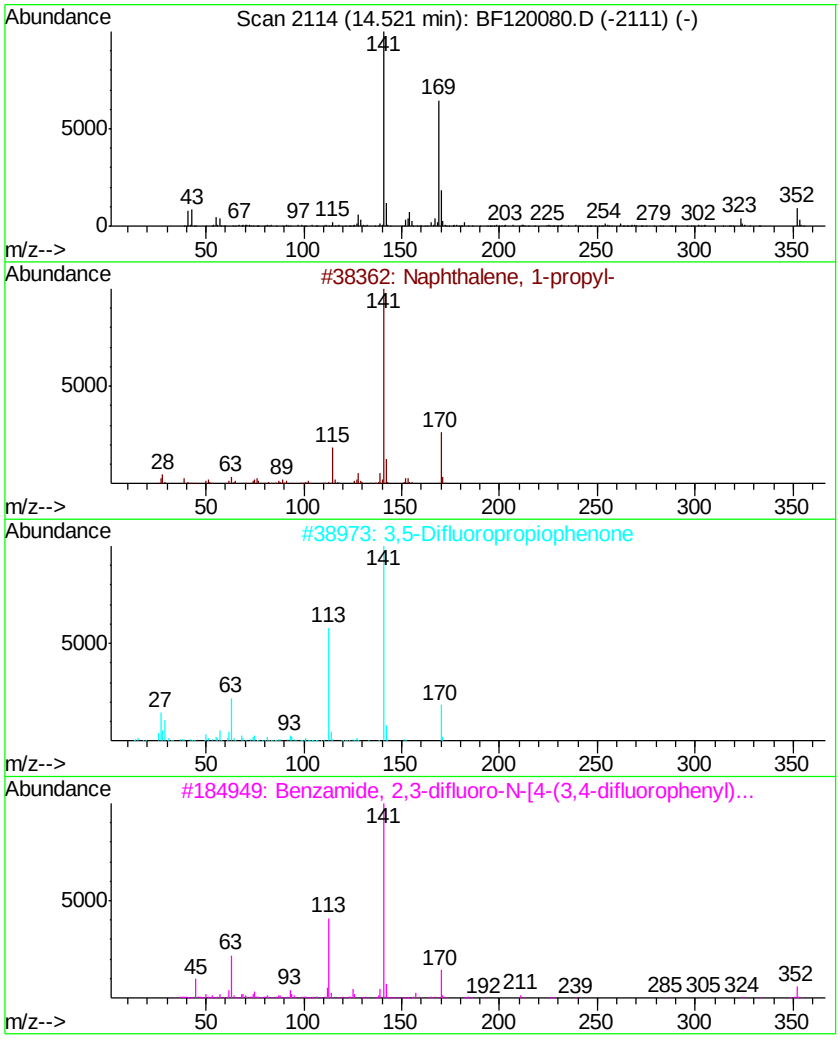
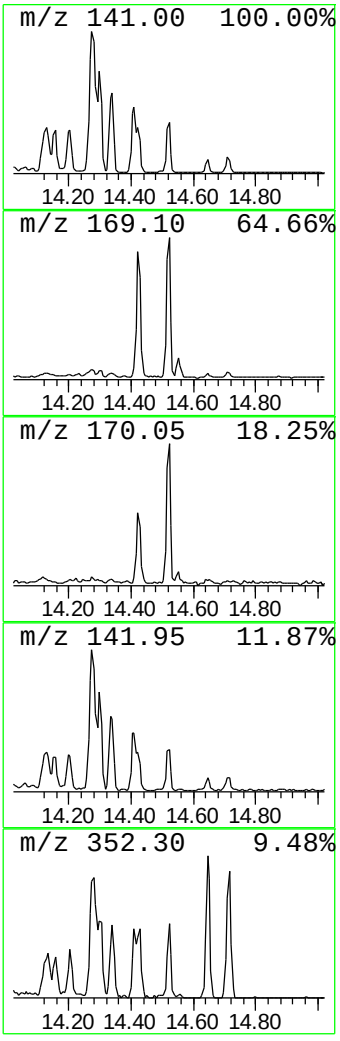
Peak Number 15 unknown14.52 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	6.12 ng	360348	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-propyl-	170	C13H14	002765-18-6	49
2	3,5-Difluoropropiophenone	170	C9H8F2O	135306-45-5	47
3	Benzamide, 2,3-difluoro-N-[4-(3,...	352	C16H8F4N2OS	1000277-49-1	40
4	Fumaric acid, 3-pentyl propyl ester	228	C12H20O4	1000330-39-4	39
5	2,5-Difluorobenzoic acid, 2,4-di...	352	C17H8Cl2F2O2	1000331-56-9	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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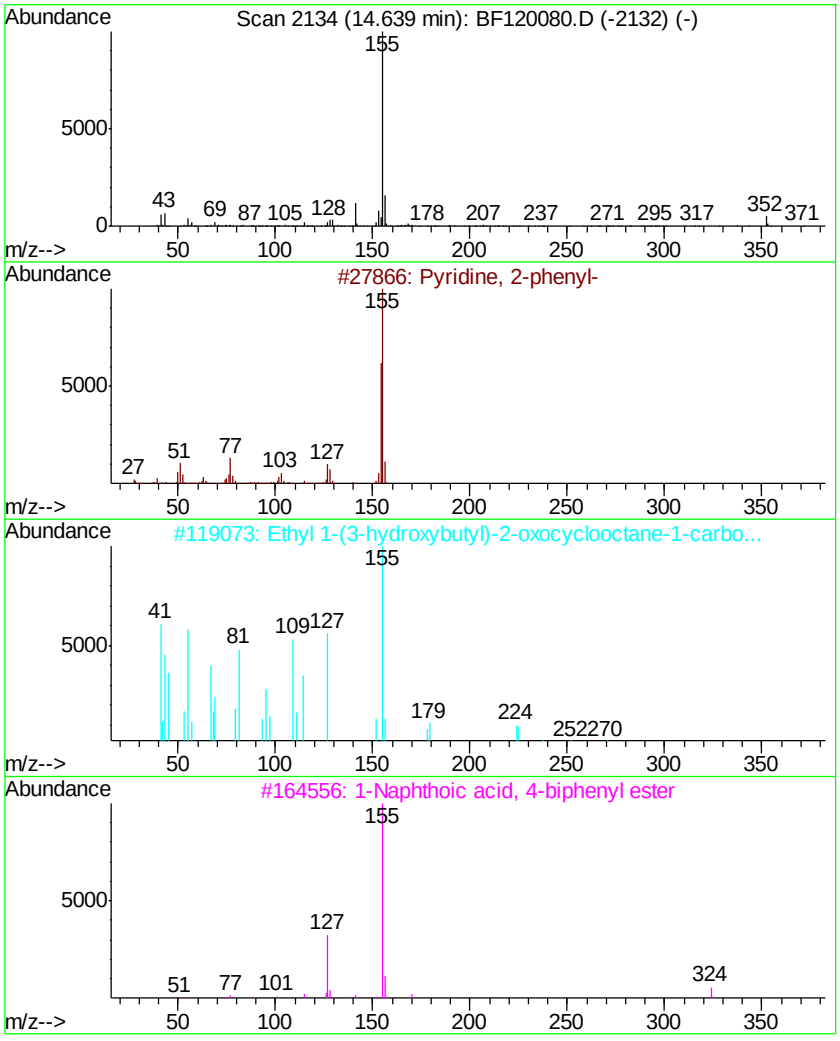
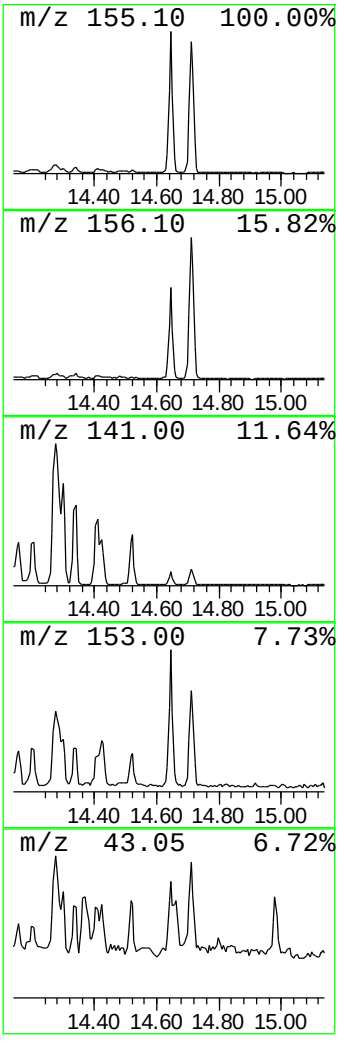
Peak Number 16 Pyridine, 2-phenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	10.04 ng	639214	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2-phenyl-	155	C11H9N	001008-89-5	59
2	Ethyl 1-(3-hydroxybutyl)-2-oxocy...	270	C15H26O4	110288-16-9	53
3	1-Naphthoic acid, 4-biphenyl ester	324	C23H16O2	1000355-69-7	45
4	1,3-Benzenediol, O-(2,6-difluoro...	404	C24H14F2O4	1000345-52-7	39
5	1,2-Cyclohexanedicarboxylic acid...	312	C18H32O4	1000339-46-7	38





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ClientSampleId : WB-2-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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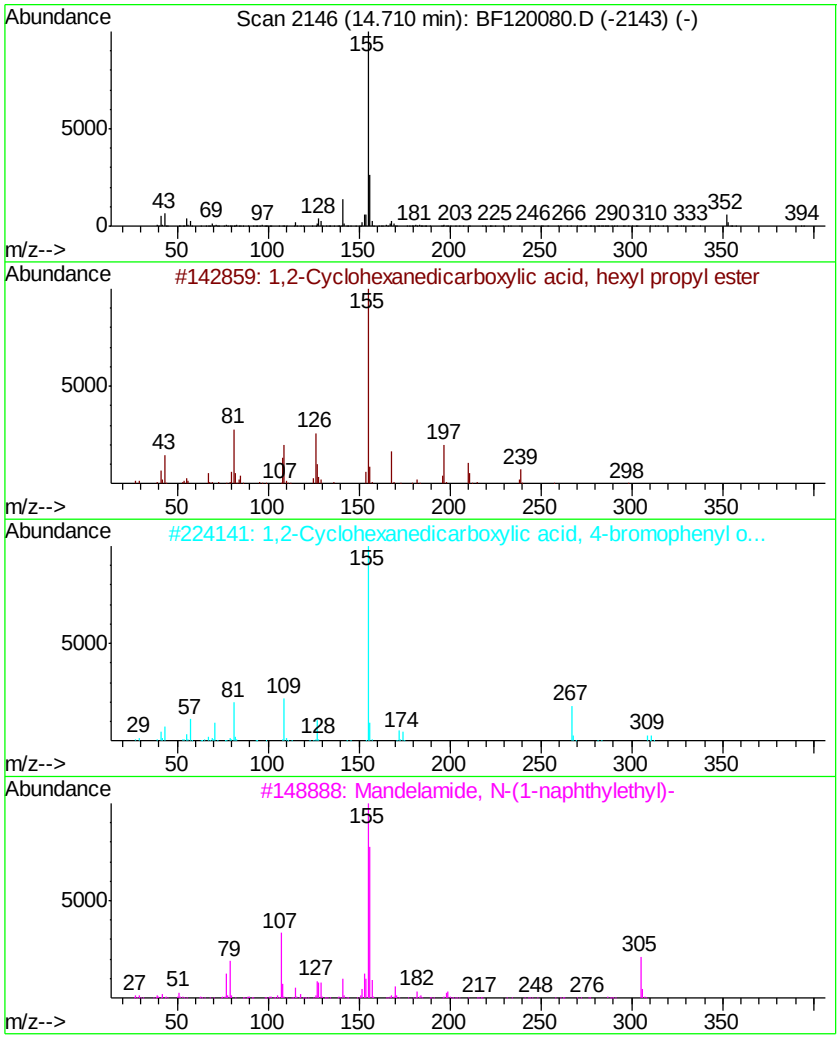
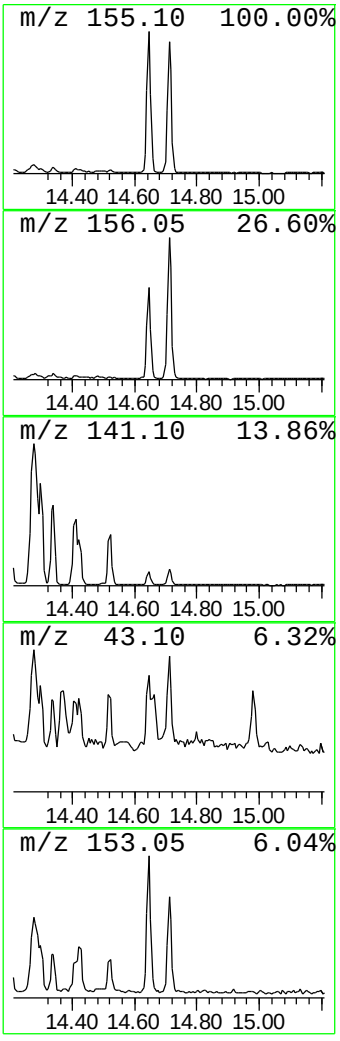
Peak Number 17 unknown14.71 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	9.39 ng	597900	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Cyclohexanedicarboxylic acid...	298	C17H30O4	1000339-40-7	36
2	1,2-Cyclohexanedicarboxylic acid...	438	C22H31BrO4	1000339-63-1	28
3	Mandelamide, N-(1-naphthylethyl)-	305	C20H19NO2	344875-77-0	12
4	1H-Indole-3-acetonitrile	156	C10H8N2	000771-51-7	10
5	Ethyl 1-(3-hydroxybutyl)-2-oxocy...	270	C15H26O4	110288-16-9	10





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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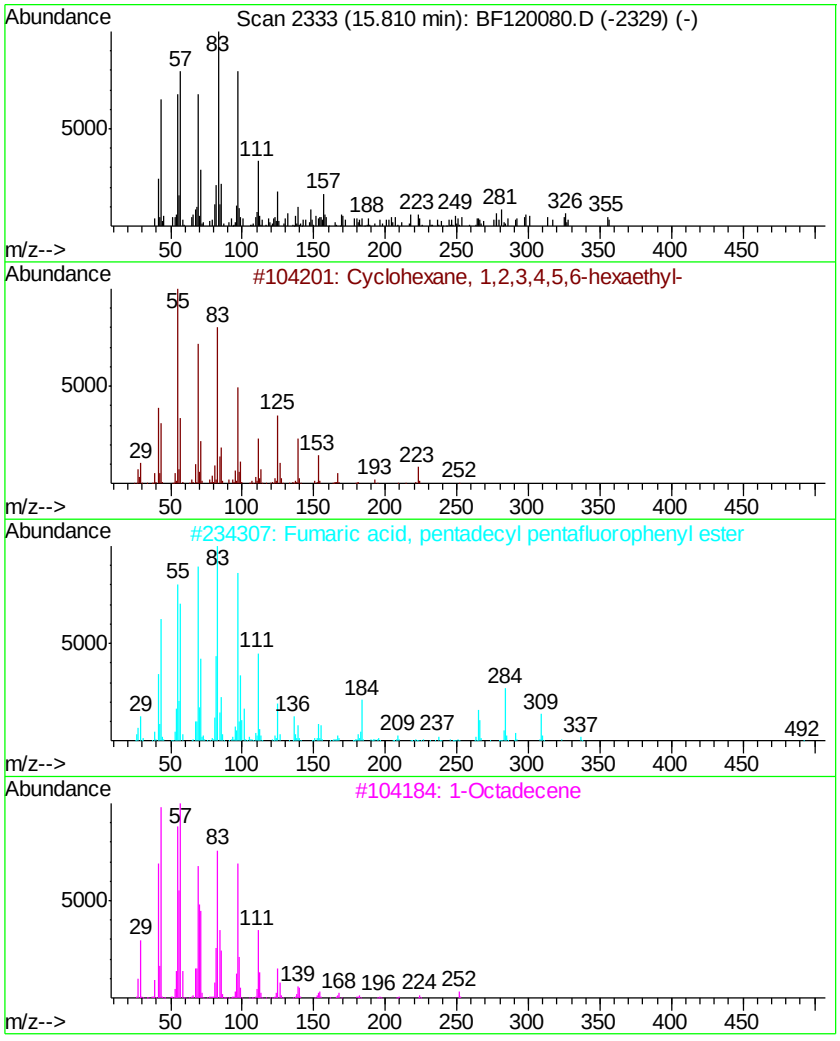
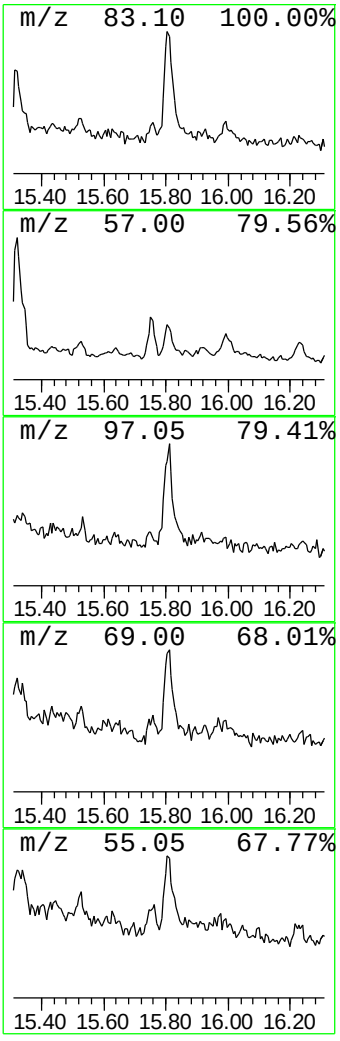
Peak Number 18 Cyclohexane, 1,2,3,4,5,6-he... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	2.86 ng	182004	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3,4,5,6-hexaethyl-	252	C18H36	001795-14-8	80
2	Fumaric acid, pentadecyl pentafl...	492	C25H33F5O4	1000348-10-7	72
3	1-Octadecene	252	C18H36	000112-88-9	53
4	Fumaric acid, 3-fluorophenyl und...	364	C21H29FO4	1000345-20-8	50
5	3-Dodecylcyclohexanone	266	C18H34O	138695-42-8	38





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Acq On : 20 Apr 2020 16:23
Operator : MA/SJ
Sample : L2314-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-2-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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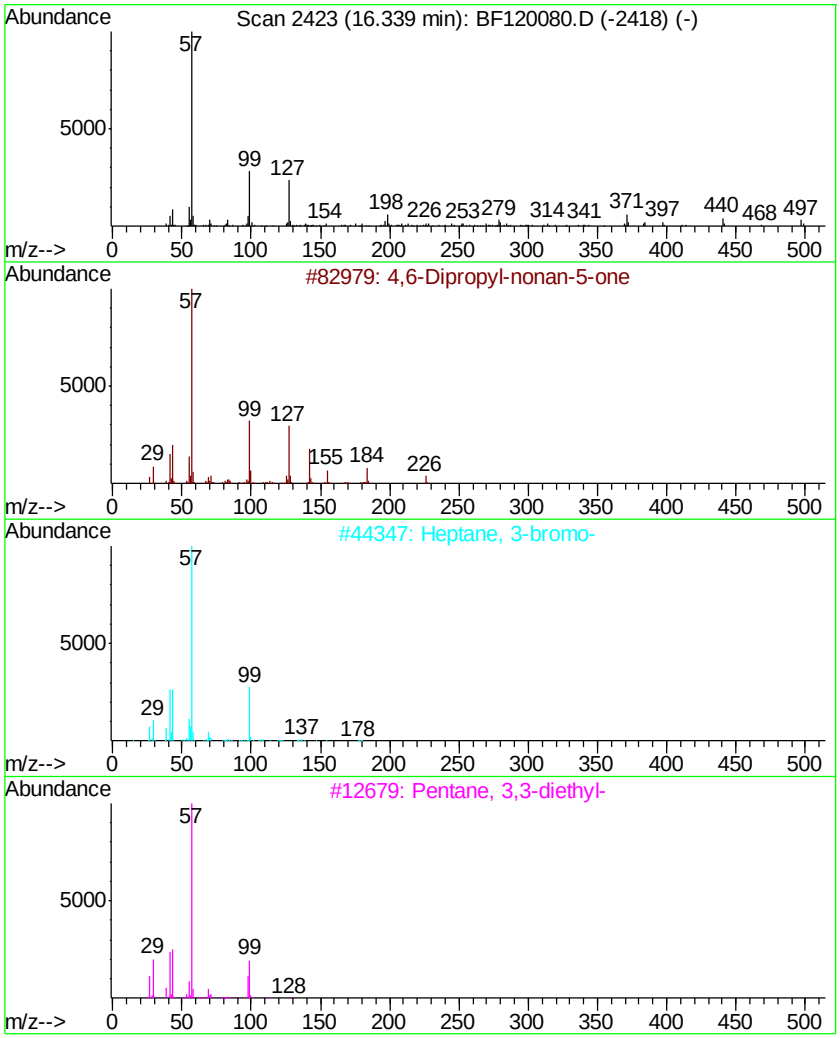
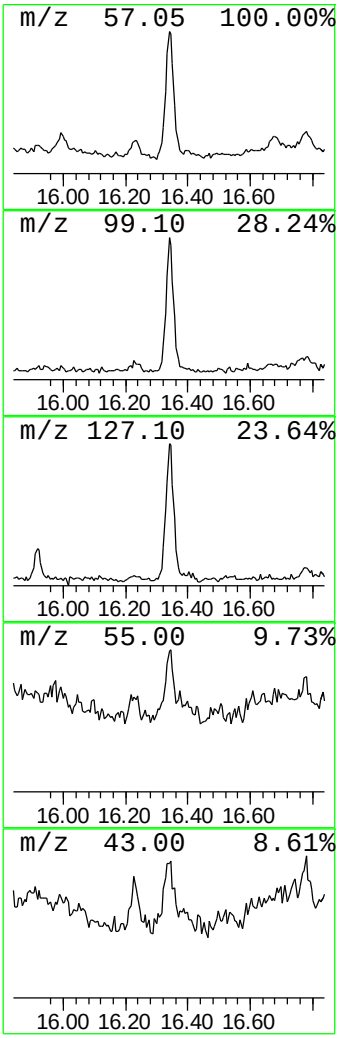
Peak Number 19 unknown16.34 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	5.17 ng	328867	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,6-Dipropyl-nonan-5-one	226	C15H30O	1000190-93-3	36
2	Heptane, 3-bromo-	178	C7H15Br	001974-05-6	35
3	Pentane, 3,3-diethyl-	128	C9H20	001067-20-5	25
4	Nonanoic acid, 2-oxo-, methyl ester	186	C10H18O3	056275-54-8	25
5	Heptane, 2-iodo-	226	C7H15I	018589-29-2	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
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Acq On : 20 Apr 2020 16:23
Operator : MA/SJ
Sample : L2314-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-2-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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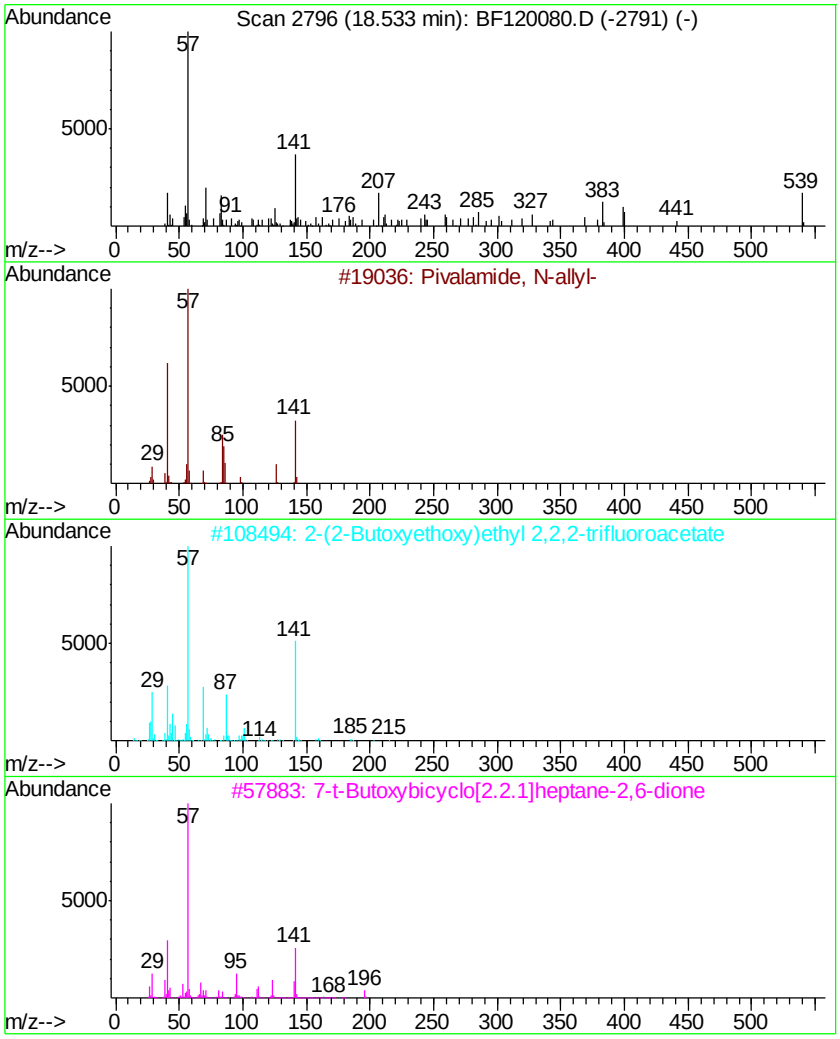
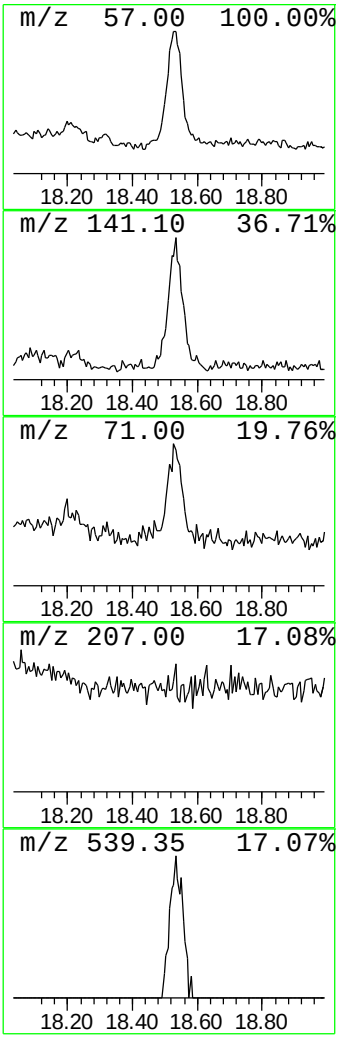
Peak Number 20 unknown18.53 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	2.63 ng	167669	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pivalamide, N-allyl-	141	C8H15NO	1000345-72-4	9
2	2-(2-Butoxyethoxy)ethyl 2,2,2-tr...	258	C10H17F3O4	1000351-93-4	9
3	7-t-Butoxybicyclo[2.2.1]heptane-...	196	C11H16O3	1000210-03-3	9
4	Cyclohexadecane-1,2,9,10-tetraca...	624	C36H64O8	1000187-91-1	7
5	1-Hexen-4-ol, 4-cyclohexyl-3-met...	196	C13H24O	344308-85-6	7





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042020\
Data File : BF120080.D
Acq On : 20 Apr 2020 16:23
Operator : MA/SJ
Sample : L2314-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-2-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	11.77	5.5	ng	367737	4	11.24	1331800	20.0
Octadecanoic acid	12.56	3.4	ng	200270	5	13.89	1176800	20.0
Pyrene, 1-methyl-	13.21	2.4	ng	141206	5	13.89	1176800	20.0
unknown13.62	13.62	3.2	ng	189278	5	13.89	1176800	20.0
17-Pentatriacontene	13.74	6.4	ng	377442	5	13.89	1176800	20.0
unknown14.05	14.05	3.9	ng	231908	5	13.89	1176800	20.0
2,5-Difluorobenzo...	14.13	4.3	ng	250892	5	13.89	1176800	20.0
2,4-Difluorobenzo...	14.20	3.6	ng	213530	5	13.89	1176800	20.0
unknown14.27	14.27	17.1	ng	1008470	5	13.89	1176800	20.0
Naphthalene, 1,1'...	14.30	6.2	ng	362712	5	13.89	1176800	20.0
unknown14.34	14.34	6.8	ng	400365	5	13.89	1176800	20.0
Sulfurous acid, o...	14.37	2.6	ng	150823	5	13.89	1176800	20.0
2,4-Difluorobenzo...	14.41	6.0	ng	349851	5	13.89	1176800	20.0
unknown14.52	14.52	6.1	ng	360348	5	13.89	1176800	20.0
Pyridine, 2-phenyl-	14.64	10.0	ng	639214	6	15.31	1273160	20.0
unknown14.71	14.71	9.4	ng	597900	6	15.31	1273160	20.0
Cyclohexane, 1,2,...	15.81	2.9	ng	182004	6	15.31	1273160	20.0
unknown16.34	16.34	5.2	ng	328867	6	15.31	1273160	20.0
unknown18.53	18.53	2.6	ng	167669	6	15.31	1273160	20.0