LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120083.D
Acq On : 20 Apr 2020 17:45
Operator : MA/SJ
Sample : L2314-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-3-2

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	5.322	544	550	553	rBV	3400840	3585089	77.30%	6.902%
2	6.357	720	726	729	rBV	3418320	3678142	79.31%	7.081%
3	6.428	735	738	743	rBV	80615	83038	1.79%	0.160%
4	6.545	754	758	763	rBV3	77862	95316	2.06%	0.184%
5	6.710	783	786	790	rBV	1016107	884823	19.08%	1.703%
6	6.869	809	813	816	rBV	3448567	3193294	68.86%	6.148%
7	7.122	850	856	859	rBV	127399	108887	2.35%	0.210%
8	7.281	875	883	886	rBV	2562086	2782028	59.99%	5.356%
9	7.998	1000	1005	1007	rBV	1459122	1186543	25.59%	2.284%
10	8.022	1007	1009	1012	rVB	220394	167962	3.62%	0.323%
11	8.710	1122	1126	1130	rVB2	87475	80967	1.75%	0.156%
12	9.081	1183	1189	1192	rBV	5335891	4637634	100.00%	8.928%
13	9.163	1199	1203	1207	rBV2	66721	84545	1.82%	0.163%
14	9.345	1229	1234	1237	rBV3	32515	53822	1.16%	0.104%
15	9.475	1252	1256	1259	rBV	745353	563258	12.15%	1.084%
16	9.616	1277	1280	1284	rBV	145036	127159	2.74%	0.245%
17	9.692	1291	1293	1297	rVB	75380	53083	1.14%	0.102%
18	9.757	1297	1304	1307	rBV	1416280	1247327	26.90%	2.401%
19	9.957	1335	1338	1341	rBV2	63693	60416	1.30%	0.116%
20	10.192	1375	1378	1384	rBV2	87081	82895	1.79%	0.160%
21	10.298	1394	1396	1403	rVB3	45791	58365	1.26%	0.112%
22	10.545	1433	1438	1441	rBV	2849405	2592151	55.89%	4.990%
23	10.669	1456	1459	1467	rVB2	115996	169481	3.65%	0.326%
24	10.839	1486	1488	1492	rBV2	45753	60233	1.30%	0.116%
25	11.116	1533	1535	1537	rBV	91257	69475	1.50%	0.134%
26	11.139	1537	1539	1544	rVB3	69637	84213	1.82%	0.162%
27	11.192	1545	1548	1552	rBV2	59738	55039	1.19%	0.106%
28	11.239	1552	1556	1558	rBV	1372574	1192489	25.71%	2.296%
29	11.263	1558	1560	1563	rVV	535989	420566	9.07%	0.810%
30	11.316	1566	1569	1573	rVB2	149318	159325	3.44%	0.307%
31	11.539	1604	1607	1610	rVV2	125854	112661	2.43%	0.217%
32	11.580	1610	1614	1618	rVB2	62633	68238	1.47%	0.131%
33	11.692	1630	1633	1637	rBV	211716	185580	4.00%	0.357%
34	11.745	1639	1642	1644	rBV	95702	86160	1.86%	0.166%

LSC Area Percent Report

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Acq On : 20 Apr 2020 17:45
Operator : MA/SJ
Sample : L2314-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-3-2

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	11.780	1644	1648	1652	rBV2	765199	743890	16.04%	1.432%
36	11.851	1657	1660	1663	rBV	86284	91826	1.98%	0.177%
37	11.951	1674	1677	1680	rBV	94570	80345	1.73%	0.155%
38	12.039	1684	1692	1694	rBV2	241612	350780	7.56%	0.675%
39	12.063	1694	1696	1699	rVB3	55323	51709	1.11%	0.100%
40	12.186	1714	1717	1720	rVB	100902	90885	1.96%	0.175%
41	12.292	1732	1735	1738	rBV	74715	78280	1.69%	0.151%
42	12.322	1738	1740	1741	rVV	109040	84578	1.82%	0.163%
43	12.339	1741	1743	1747	rVB2	109126	118057	2.55%	0.227%
44	12.380	1747	1750	1754	rBV	65634	77370	1.67%	0.149%
45	12.457	1759	1763	1766	rBV	604315	575341	12.41%	1.108%
46	12.563	1776	1781	1787	rBV2	284562	408437	8.81%	0.786%
47	12.680	1796	1801	1804	rBV	573139	571141	12.32%	1.100%
48	12.716	1804	1807	1809	rVB2	103559	97828	2.11%	0.188%
49	12.833	1823	1827	1831	rBV	3863432	3947970	85.13%	7.601%
50	13.010	1855	1857	1860	rVB	91425	91511	1.97%	0.176%
51	13.069	1865	1867	1870	rVV2	110254	137219	2.96%	0.264%
52	13.098	1870	1872	1874	rVV	185474	171013	3.69%	0.329%
53	13.116	1874	1875	1878	rVB	98181	61770	1.33%	0.119%
54	13.239	1893	1896	1897	rBV	75711	68010	1.47%	0.131%
55	13.257	1897	1899	1902	rVB	499622	406750	8.77%	0.783%
56	13.410	1922	1925	1928	rBV	196344	187466	4.04%	0.361%
57	13.504	1938	1941	1943	rBV	172317	164605	3.55%	0.317%
58	13.622	1958	1961	1966	rBV3	183572	268250	5.78%	0.516%
59	13.692	1969	1973	1976	rVV3	84010	132636	2.86%	0.255%
60	13.739	1977	1981	1989	rVB2	459277	652843	14.08%	1.257%
61	13.880	2001	2005	2008	rBV2	1071156	1316050	28.38%	2.534%
62	13.910	2008	2010	2012	rVB	303787	231351	4.99%	0.445%
63	14.051	2031	2034	2038	rVB	793712	735660	15.86%	1.416%
64	14.098	2038	2042	2044	rBV	449333	405405	8.74%	0.780%
65	14.121	2044	2046	2050	rVV	171544	267406	5.77%	0.515%
66	14.157	2050	2052	2054	rVV	173835	130589	2.82%	0.251%
67	14.204	2057	2060	2063	rVB	210506	204806	4.42%	0.394%
68	14.245	2064	2067	2069	rBV	547323	544349	11.74%	1.048%
69	14.274	2069	2072	2075	rVV	846617	1192406	25.71%	2.296%
70	14.298	2075	2076	2079	rVV2	508500	353199	7.62%	0.680%
71	14.339	2079	2083	2085	rVV	417151	392184	8.46%	0.755%

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ClientSampleId : WB-3-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.363	2085	2087	2090	rVV2	143822	157010	3.39%	0.302%
73	14.404	2091	2094	2101	rVB2	421906	715135	15.42%	1.377%
74	14.521	2111	2114	2118	rVB	473922	402906	8.69%	0.776%
75	14.645	2132	2135	2140	rBV	581732	660150	14.23%	1.271%
76	14.710	2143	2146	2151	rVB	672725	644705	13.90%	1.241%
77	14.904	2175	2179	2182	rBV	418127	630577	13.60%	1.214%
78	14.980	2190	2192	2194	rBV2	133036	123819	2.67%	0.238%
79	15.192	2224	2228	2233	rVB	295478	372042	8.02%	0.716%
80	15.251	2234	2238	2242	rVB	475047	571611	12.33%	1.100%
81	15.310	2244	2248	2259	rVB3	800854	1529737	32.99%	2.945%
82	16.345	2419	2424	2440	rVB	389952	1002573	21.62%	1.930%
83	16.686	2477	2482	2490	rVB2	264683	520488	11.22%	1.002%
84	17.110	2549	2554	2559	rVB	186864	332678	7.17%	0.640%
85	18.533	2789	2796	2811	rVB2	233710	724886	15.63%	1.396%

Sum of corrected areas: 51942436

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
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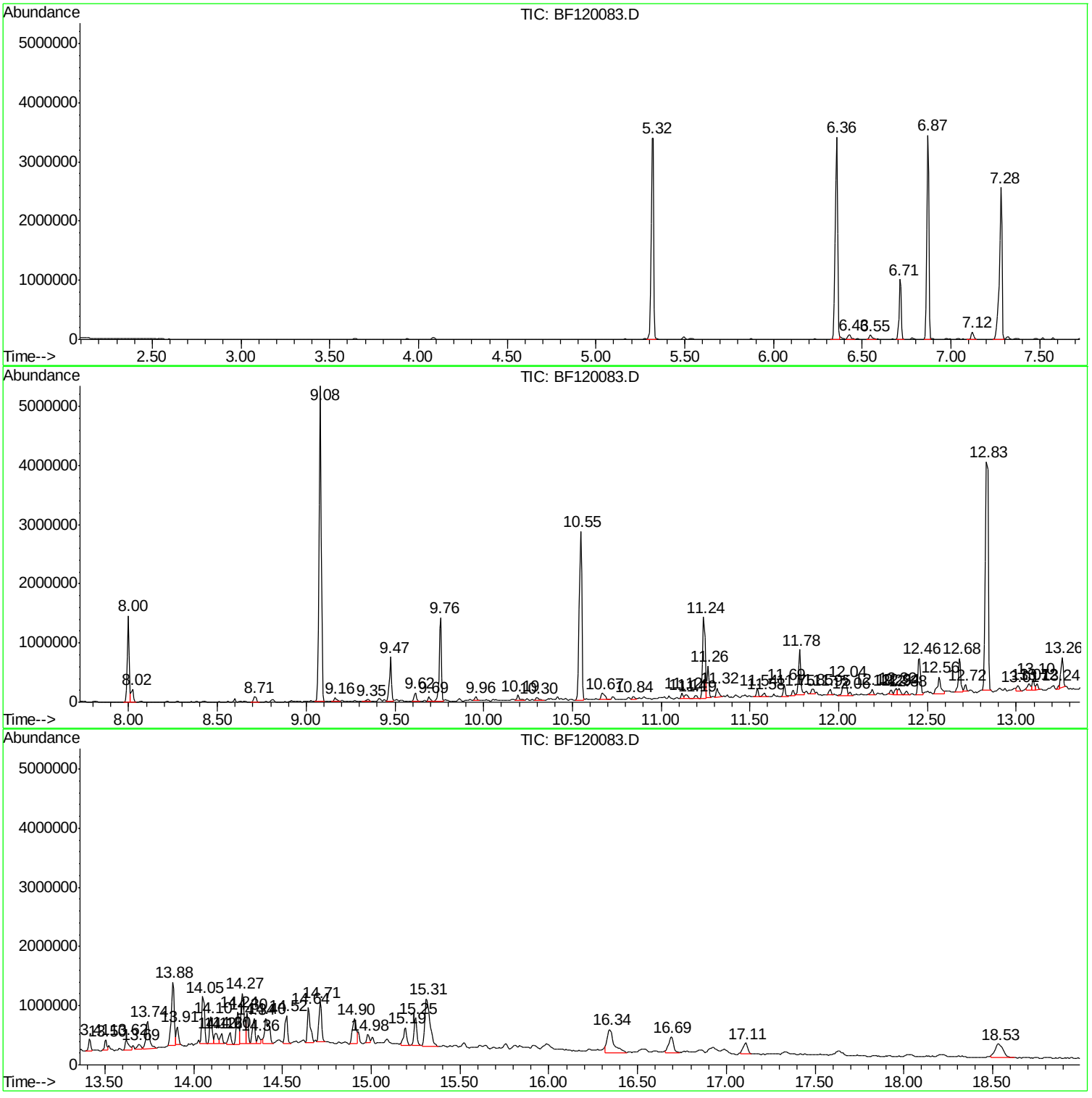
Sample : L2314-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-3-2

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 : BF120083.D
Acq On : 20 Apr 2020 17:45
Operator : MA/SJ
Sample : L2314-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-3-2

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

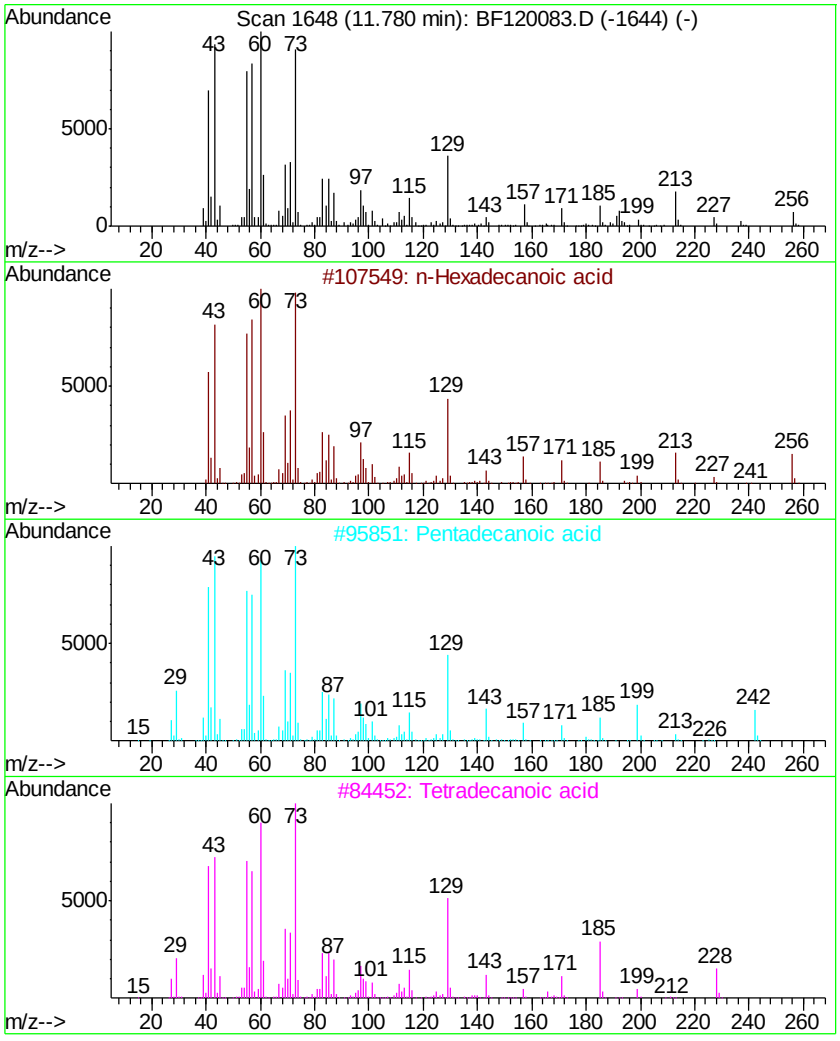
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

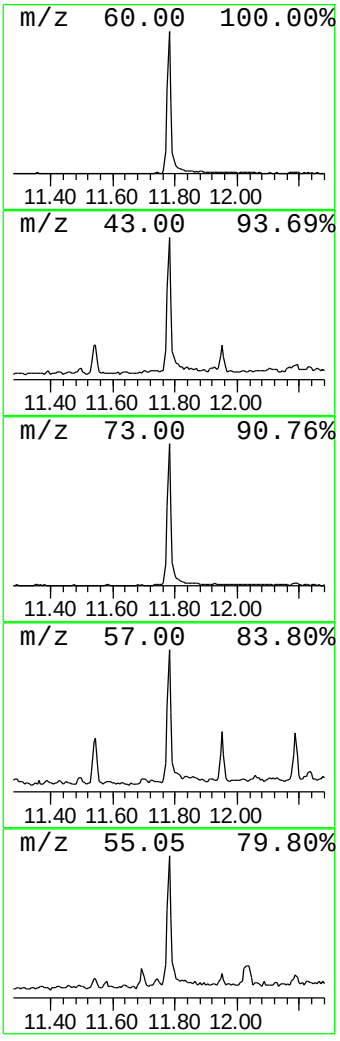
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	12.48 ng	743890	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59





Library Search Compound Report

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Acq On : 20 Apr 2020 17:45
Operator : MA/SJ
Sample : L2314-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-3-2

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

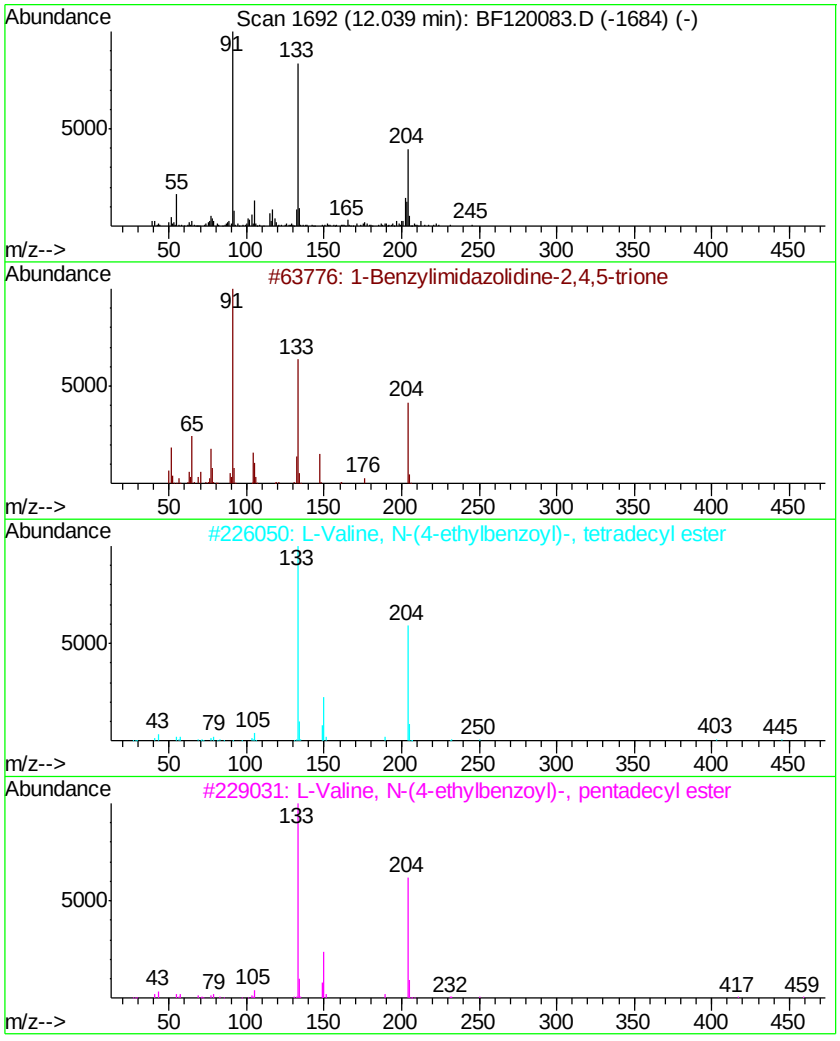
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

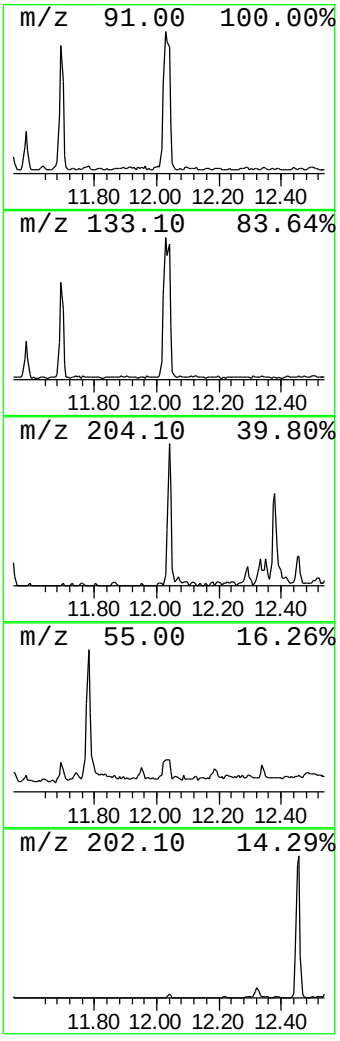
****

Peak Number 3 1-Benzylimidazolidine-2,4,5... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	5.88 ng	350780	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Benzylimidazolidine-2,4,5-trione	204	C10H8N2O3	030345-85-8	72
2	L-Valine, N-(4-ethylbenzoyl)-, t...	445	C28H47NO3	1000346-63-6	53
3	L-Valine, N-(4-ethylbenzoyl)-, p...	459	C29H49NO3	1000346-63-7	53
4	4-Ethylbenzoic acid, 2,4,6-trich...	328	C15H11Cl3O2	1000325-73-6	38
5	1H-Imidazole, 1-[(2,4,6-trimethy...	200	C13H16N2	084567-17-9	38





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-3-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
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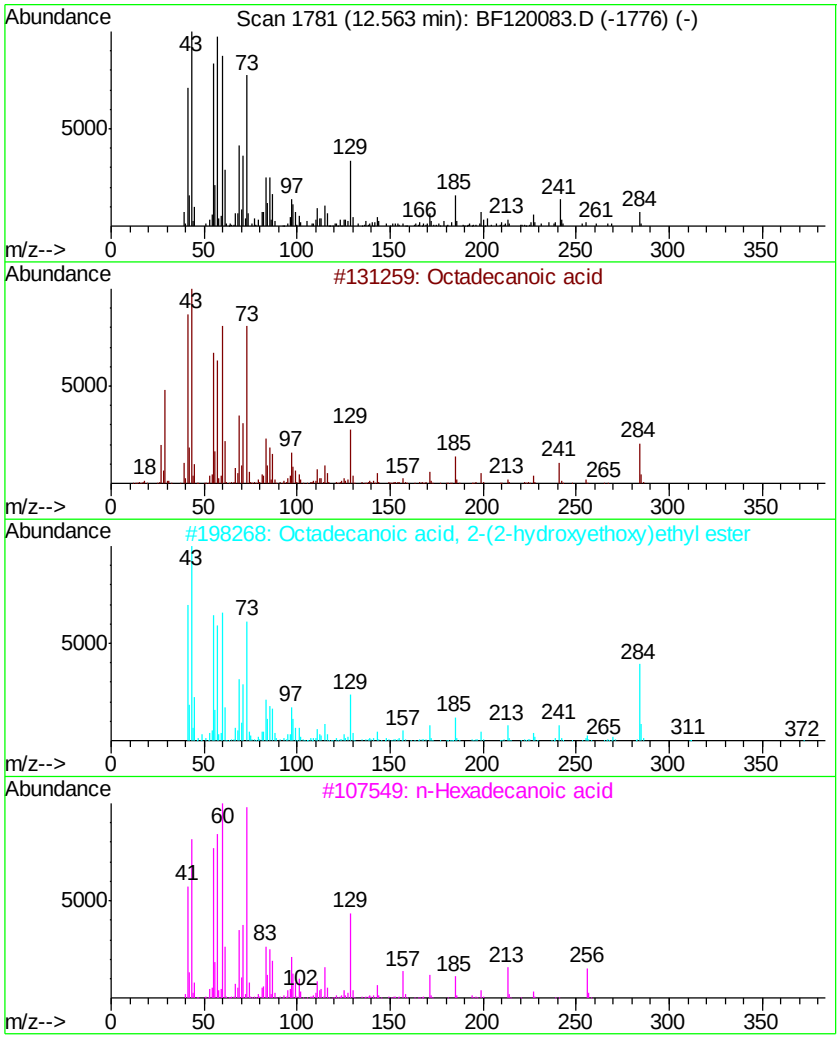
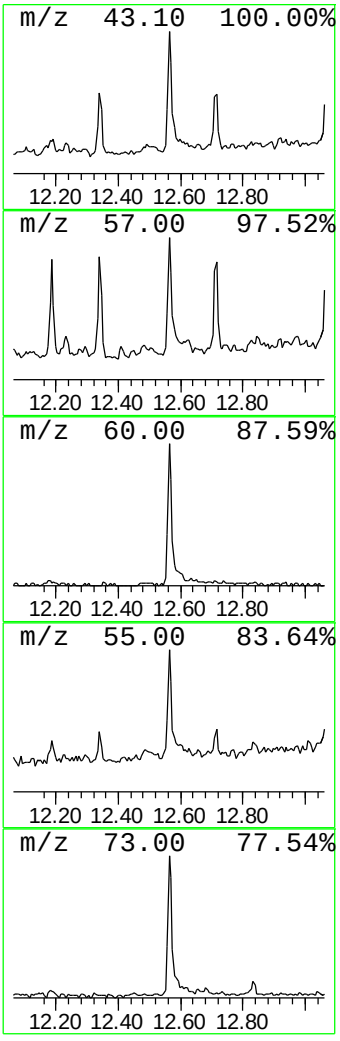
Peak Number 4 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	6.21 ng	408437	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	83
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	68





Library Search Compound Report

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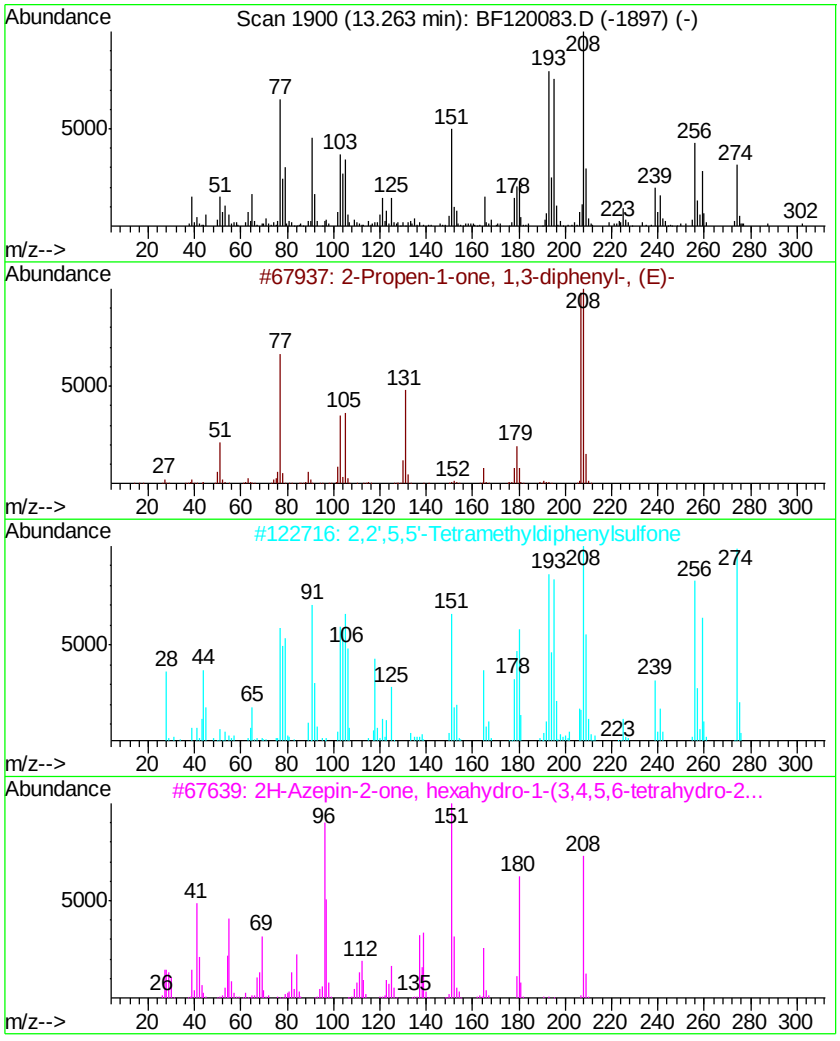
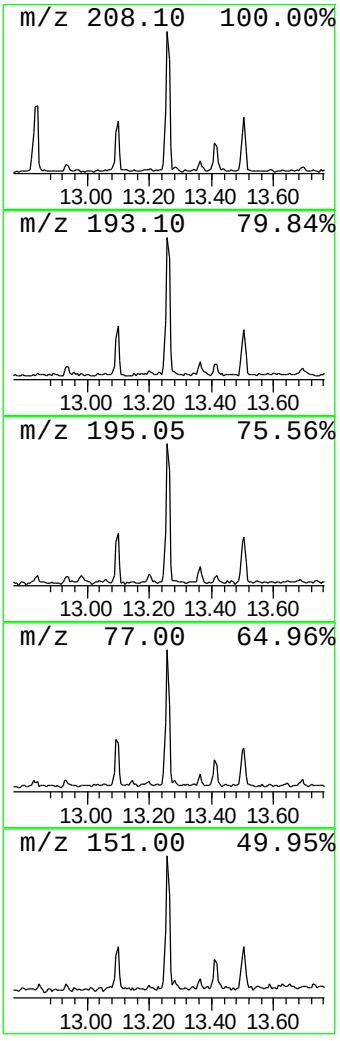
Peak Number 5 unknown13.26 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	6.18 ng	406750	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propen-1-one, 1,3-diphenyl-, (E)-	208	C15H12O	000614-47-1	42
2	2,2',5,5'-Tetramethyldiphenylsul...	274	C16H18O2S	006632-44-6	35
3	2H-Azepin-2-one, hexahydro-1-(3,...	208	C12H20N2O	022993-71-1	25
4	Isoelemicin	208	C12H16O3	000487-12-7	18
5	Salicylic acid, 3-methyl-4-pheny...	256	C14H12N2O3	1000217-17-2	18





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Sample : L2314-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-3-2

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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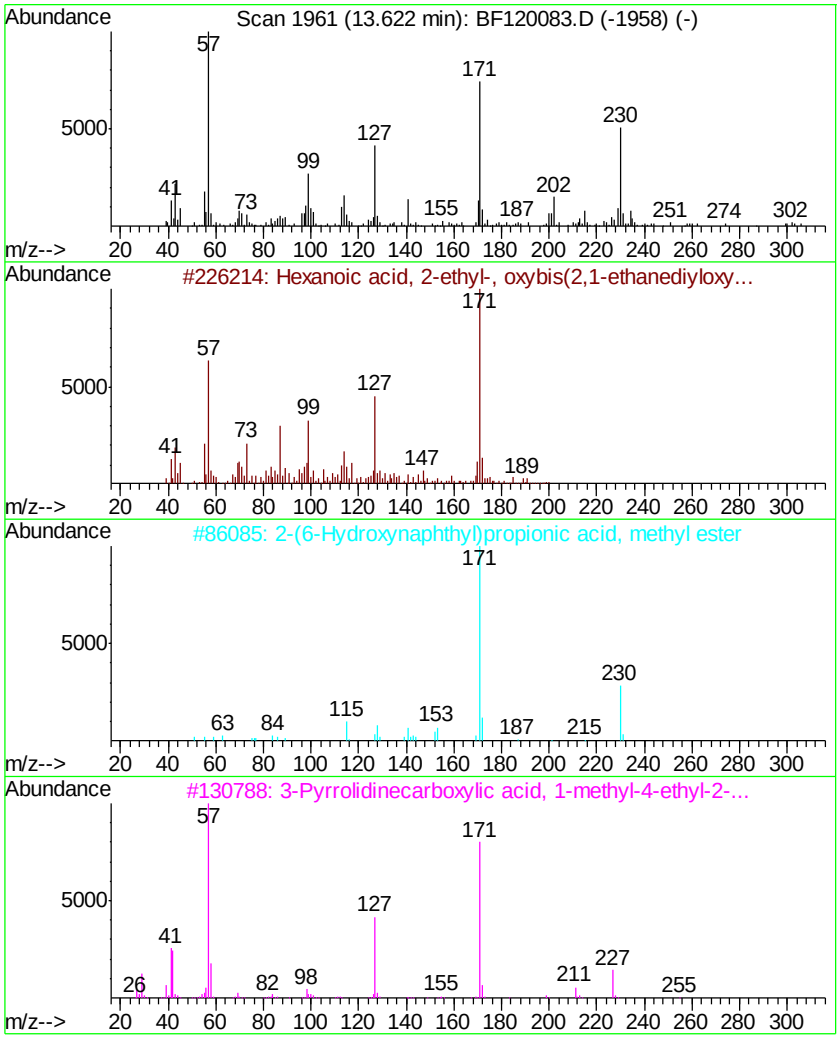
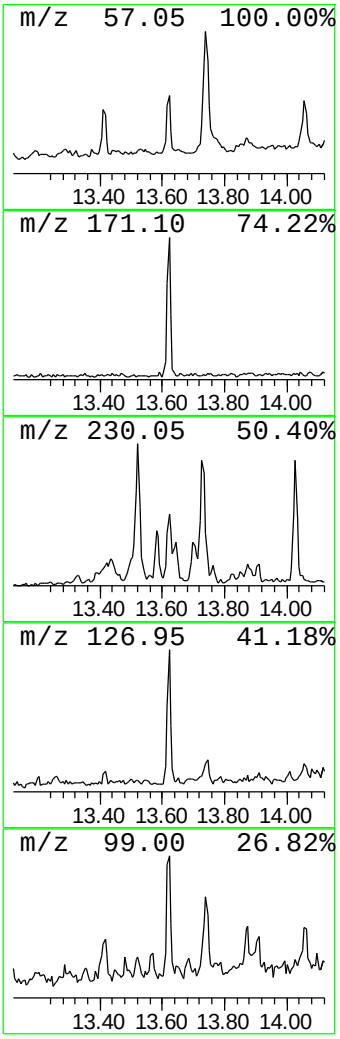
Peak Number 6 Hexanoic acid, 2-ethyl-, ox... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	4.08 ng	268250	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-, oxybis(...	446	C24H46O7	018268-70-7	53
2	2-(6-Hydroxynaphthyl)propionic a...	230	C14H14O3	061495-42-9	43
3	3-Pyrrolidinecarboxylic acid, 1-...	284	C15H28N2O3	1000196-95-3	43
4	2,3-Dihydrofuro(2,3-b)quinoline	171	C11H9NO	014694-19-0	38
5	Pyrimidine-2,4(1H,3H)-dione, 1-a...	226	C11H15FN2O2	312533-68-9	38





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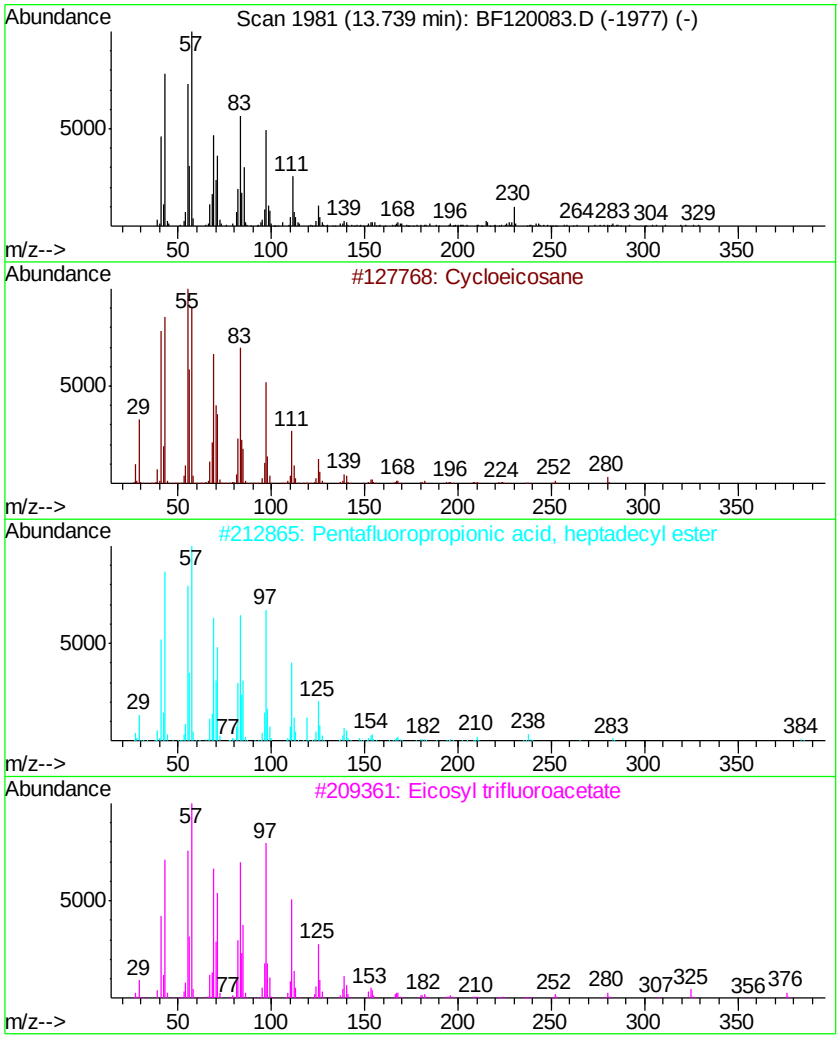
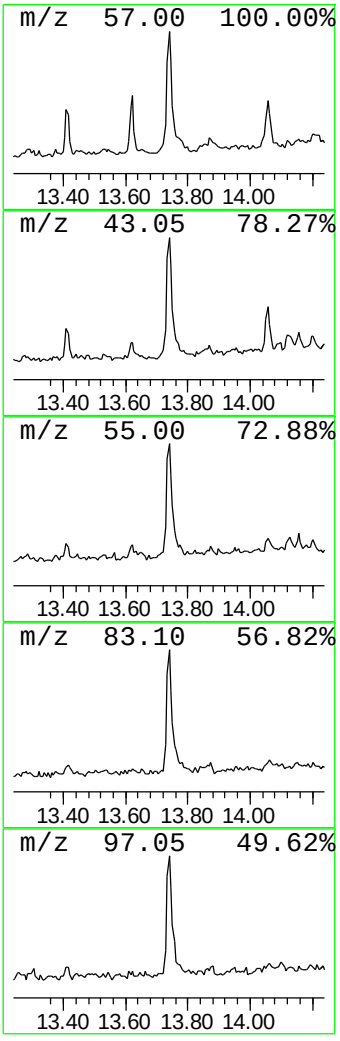
Peak Number 7 Cycloeicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	9.92 ng	652843	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	95
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
3	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	91
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91





Library Search Compound Report

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Data File : BF120083.D
Acq On : 20 Apr 2020 17:45
Operator : MA/SJ
Sample : L2314-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-3-2

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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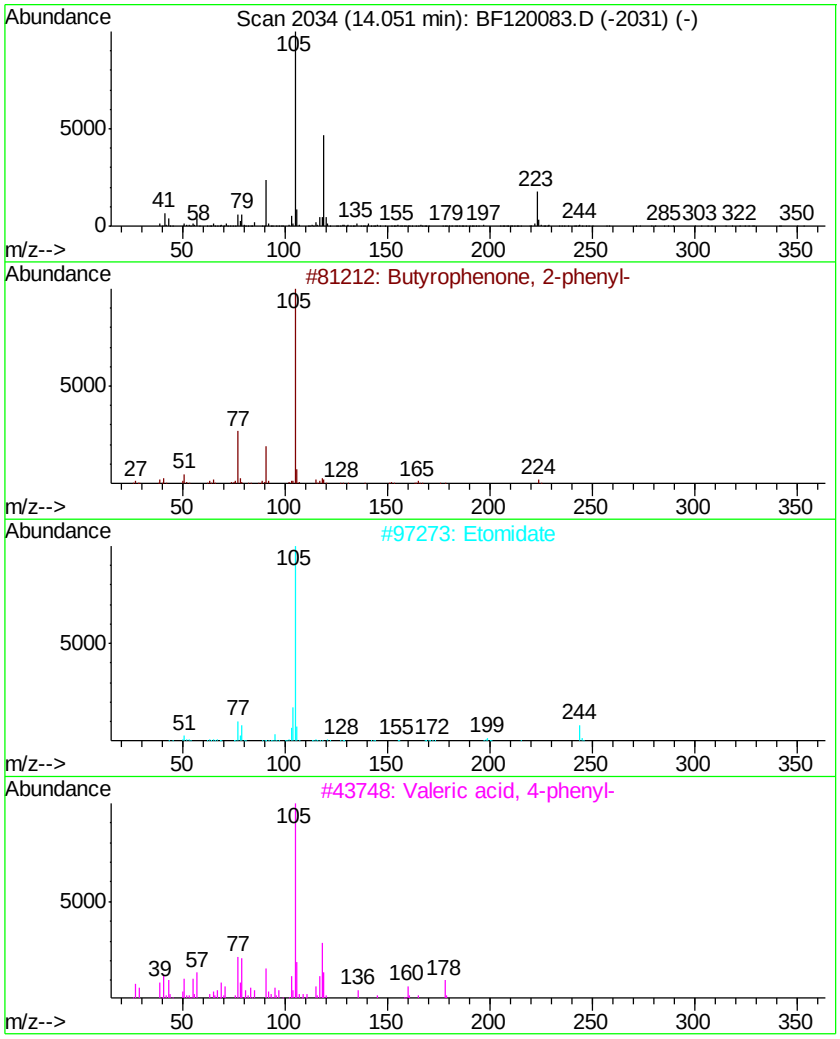
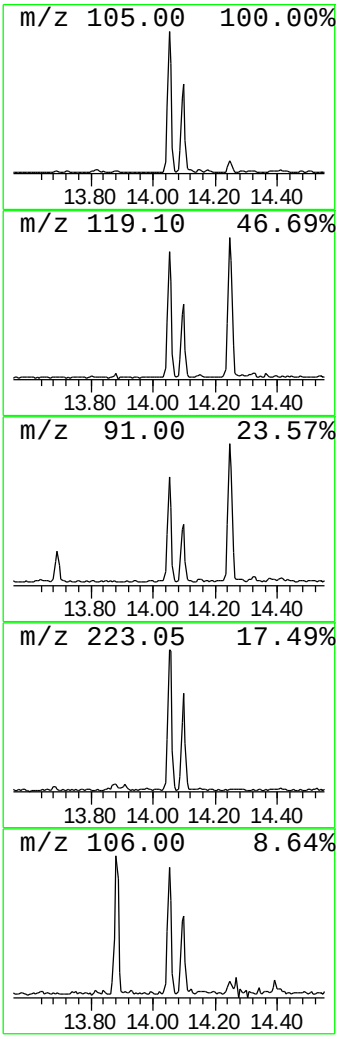
Peak Number 8 unknown14.05 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	11.18 ng	735660	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyrophenone, 2-phenyl-	224	C16H16O	016282-16-9	30
2	Etomidate	244	C14H16N2O2	033125-97-2	14
3	Valeric acid, 4-phenyl-	178	C11H14O2	016433-43-5	12
4	Benzene, (1,3-dimethyl-3-butenyl)-	160	C12H16	056851-51-5	12
5	1-Benzoyl-4-chloropiperidine	223	C12H14ClNO	090670-04-5	10





Library Search Compound Report

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Operator : MA/SJ
Sample : L2314-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-3-2

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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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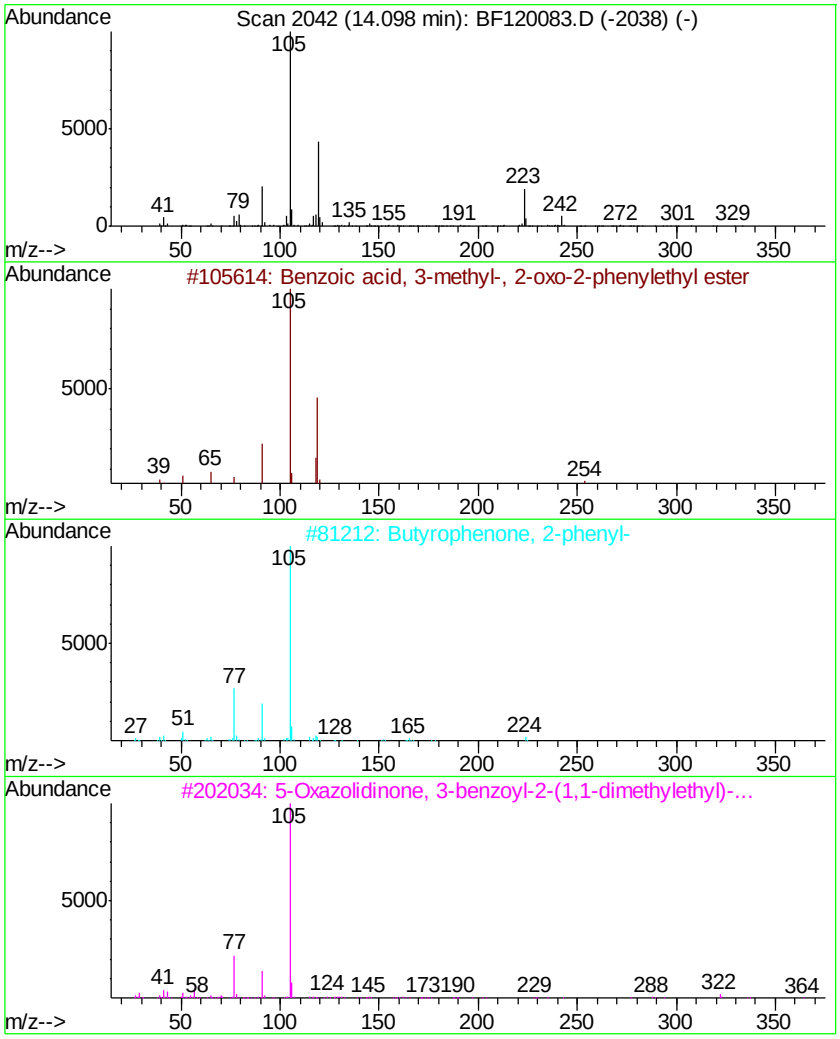
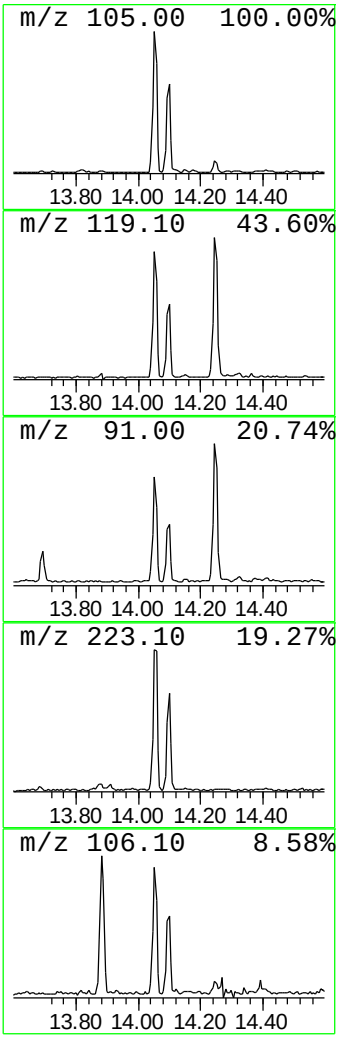
Peak Number 9 unknown14.10 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	6.16 ng	405405	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	47
2	Butyrophenone, 2-phenyl-	224	C16H16O	016282-16-9	22
3	5-Oxazolidinone, 3-benzoyl-2-(1,...	379	C24H29NO3	104057-77-4	10
4	1-Hexene, 3-methyl-6-phenyl-4-(1...	294	C21H26O	1000194-52-4	10
5	9-Borabicyclo[3.3.1]nonane, 9-(b...	242	C15H19BO2	065212-33-1	10





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Sample : L2314-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-3-2

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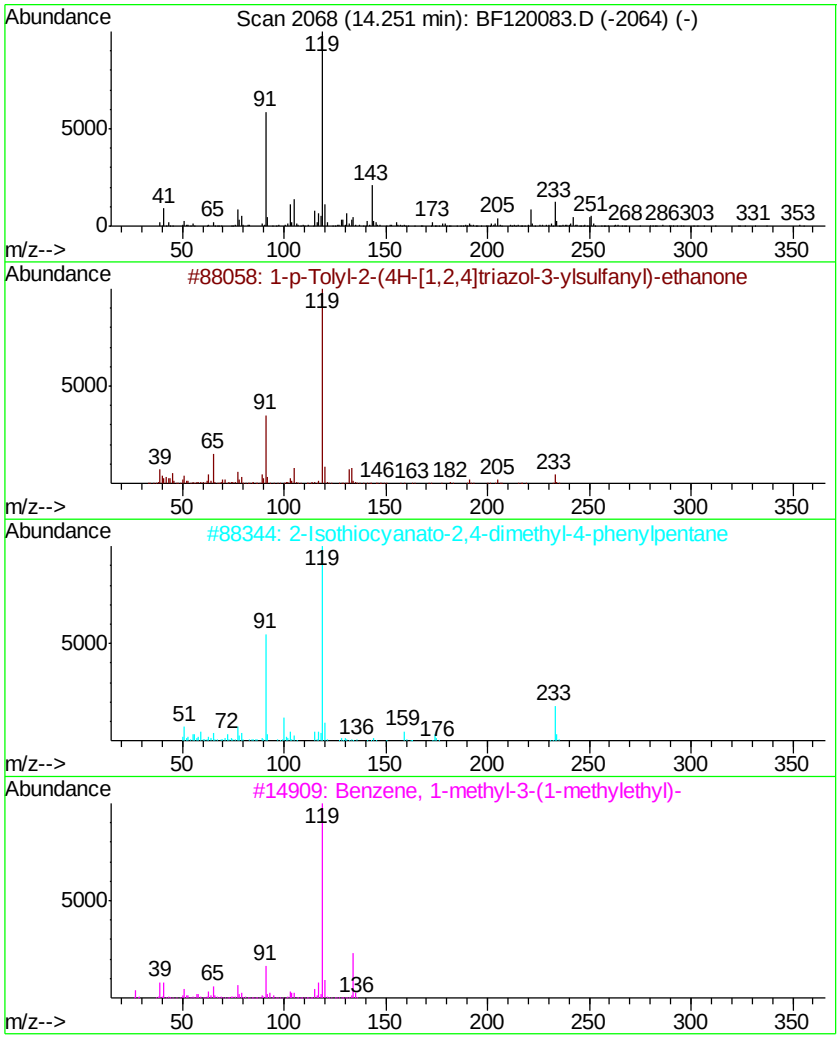
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

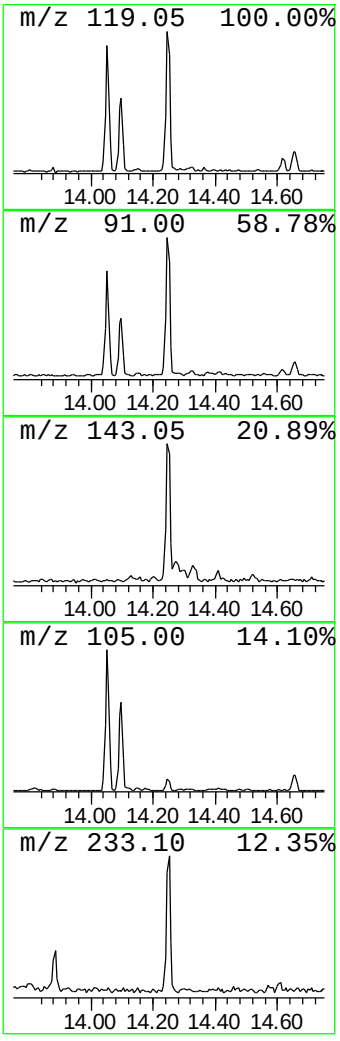
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1-p-Tolyl-2-(4H-[1,2,4]tria... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	8.27 ng	544349	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-p-Tolyl-2-(4H-[1,2,4]triazol-3...	233	C11H11N3OS	326888-02-2	64
2	2-Isothiocyanato-2,4-dimethyl-4-...	233	C14H19NS	1000293-27-6	59
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	58
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	58
5	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	58





Library Search Compound Report

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Acq On : 20 Apr 2020 17:45
Operator : MA/SJ
Sample : L2314-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-3-2

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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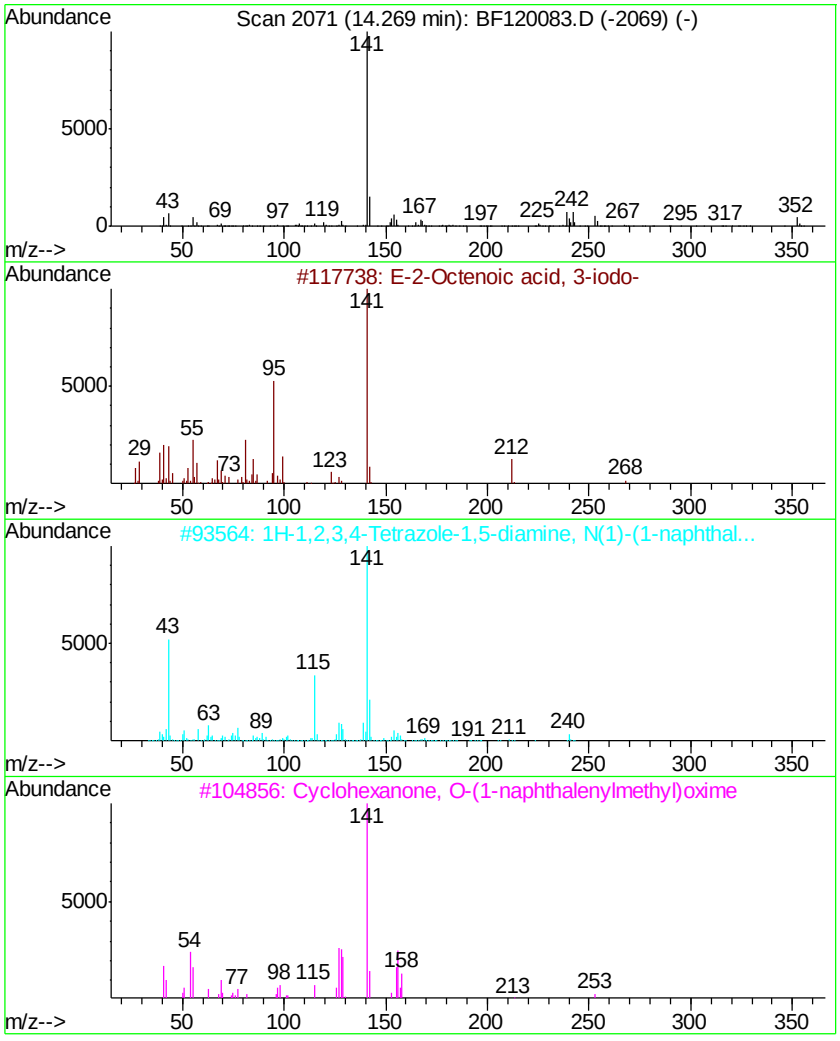
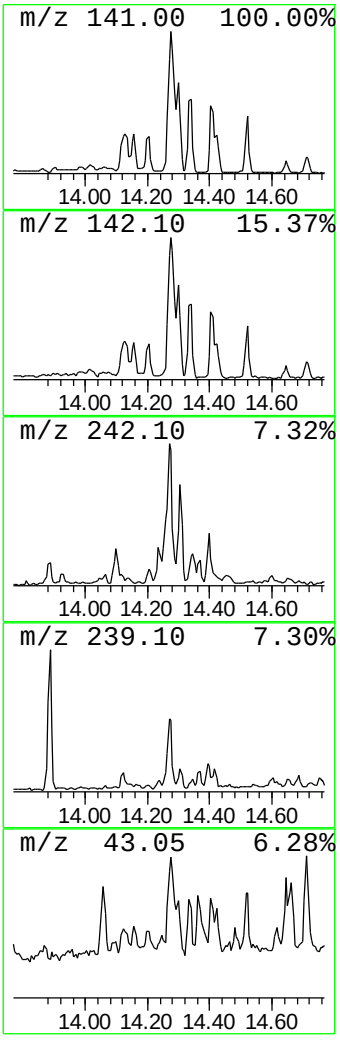
Peak Number 11 unknown14.27 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	18.12 ng	1192410	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-2-Octenoic acid, 3-iodo-	268	C8H13IO2	1000308-87-5	9
2	1H-1,2,3,4-Tetrazole-1,5-diamine...	240	C12H12N6	1000337-84-1	9
3	Cyclohexanone, O-(1-naphthalenyl...	253	C17H19NO	055045-02-8	9
4	2,4-Difluorobenzoic acid, 2,4-di...	352	C17H8Cl2F2O2	1000331-58-5	9
5	Naphthalene, 2,2'-(1,2-ethanediy...	282	C22H18	021969-45-9	9





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Operator : MA/SJ
Sample : L2314-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-3-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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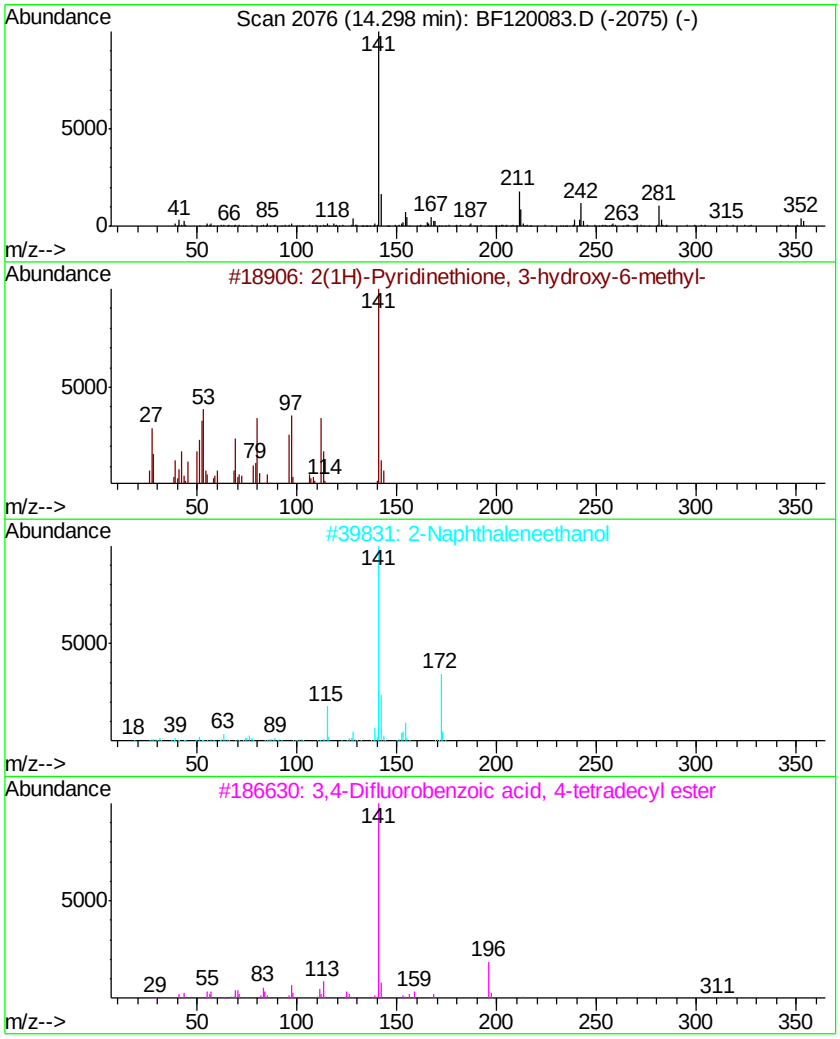
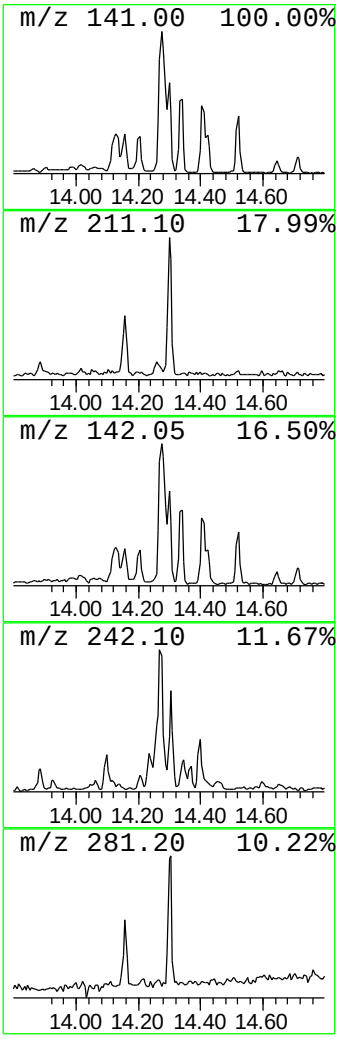
Peak Number 12 unknown14.30 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	5.37 ng	353199	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Pyridinethione, 3-hydroxy-...	141	C6H7NOS	022989-67-9	40
2	2-Naphthaleneethanol	172	C12H12O	001485-07-0	37
3	3,4-Difluorobenzoic acid, 4-tetr...	354	C21H32F2O2	1000338-60-7	33
4	Fumaric acid, 2-chloro-5-methylp...	282	C14H15ClO4	1000348-25-5	9
5	4-Fluorobenzoic acid, nonyl ester	266	C16H23FO2	1000282-99-3	9





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Sample : L2314-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-3-2

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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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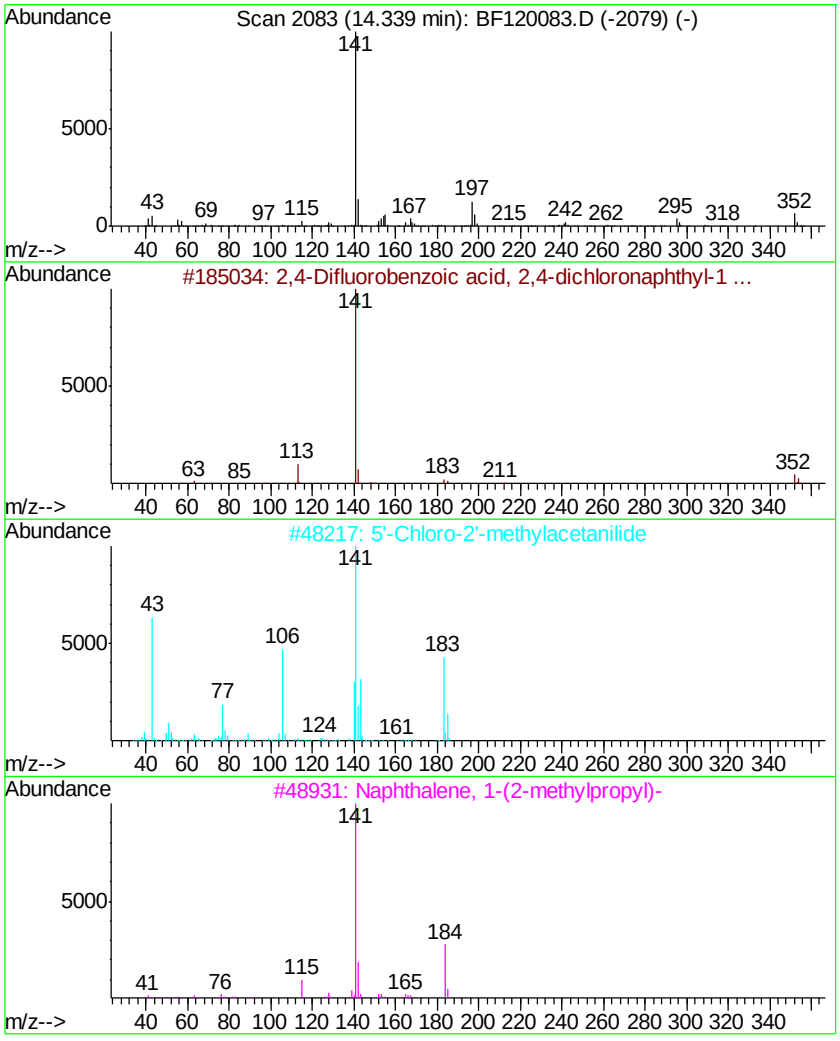
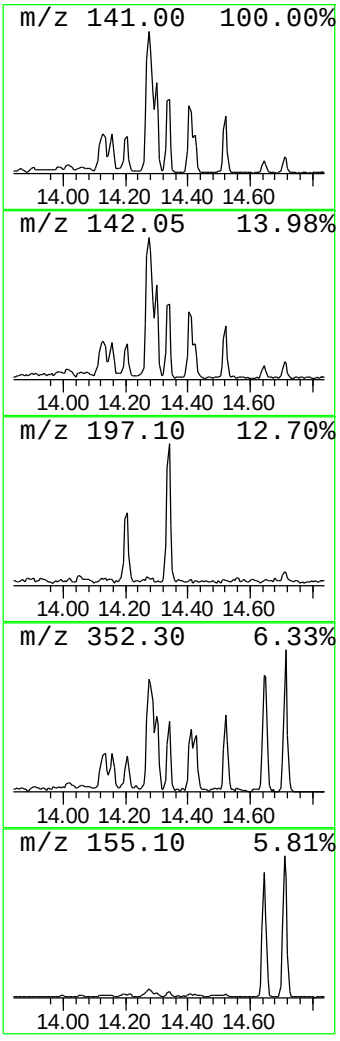
Peak Number 13 unknown14.34 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	5.96 ng	392184	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	36
2	5'-Chloro-2'-methylacetanilide	183	C9H10ClNO	005900-55-0	36
3	Naphthalene, 1-(2-methylpropyl)-	184	C14H16	016727-91-6	36
4	Naphthalene, 2,2'-(1,2-ethanediy...	282	C22H18	021969-45-9	36
5	3,4-Difluorobenzoic acid, 2,4-di...	352	C17H8Cl2F2O2	1000331-64-4	9





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Instrument : BNA_F
ClientSampleId : WB-3-2

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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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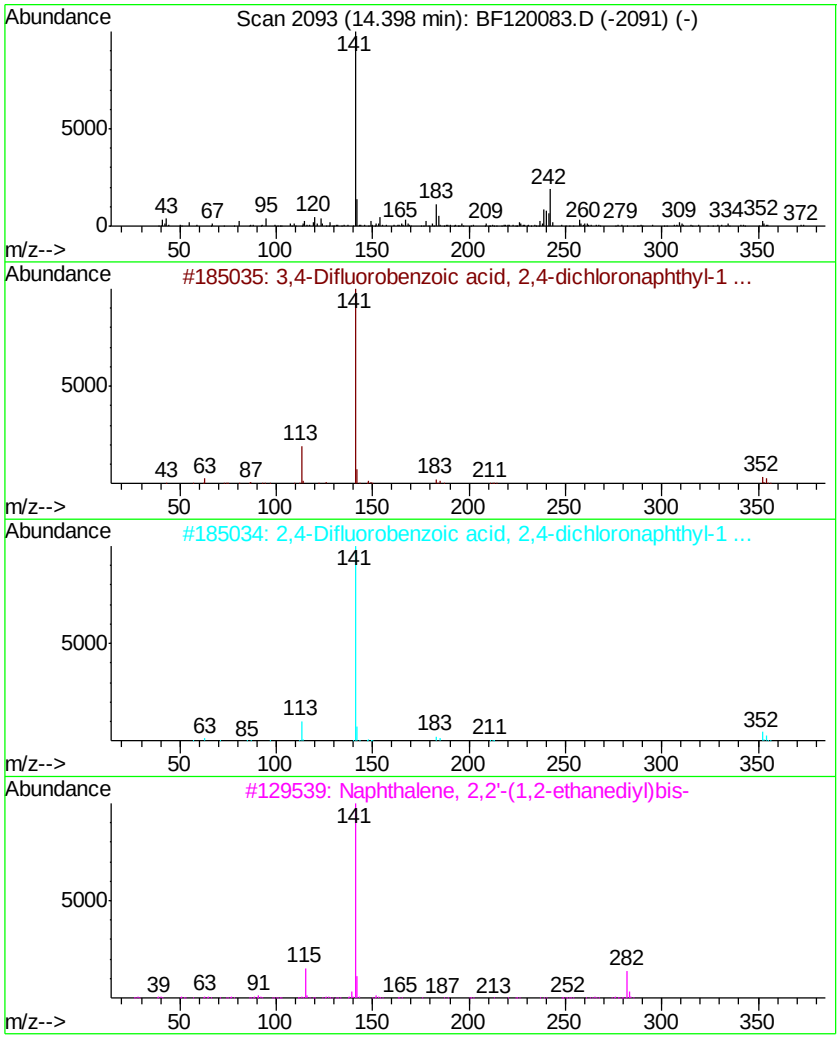
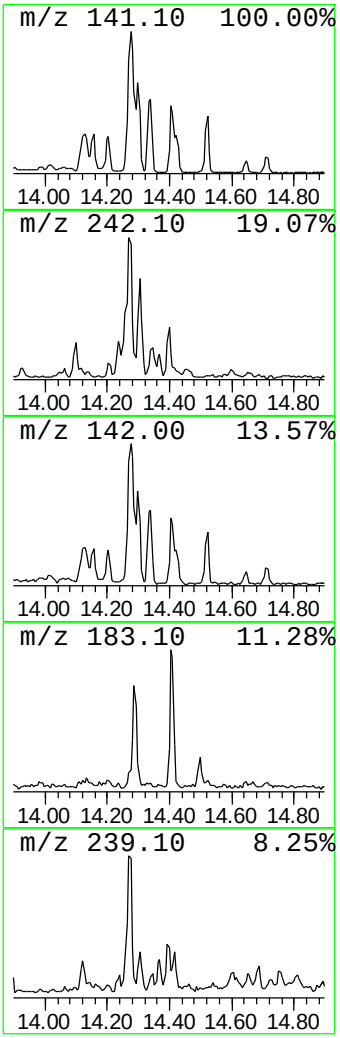
Peak Number 14 3,4-Difluorobenzoic acid, 2... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	10.87 ng	715135	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Difluorobenzoic acid, 2,4-di...	352	C17H8Cl2F2O2	1000331-64-4	64
2	2,4-Difluorobenzoic acid, 2,4-di...	352	C17H8Cl2F2O2	1000331-58-5	64
3	Naphthalene, 2,2'-(1,2-ethanediy...	282	C22H18	021969-45-9	58
4	1,5-Pentanediol, O,O'-di(2,5-dif...	384	C19H16F4O4	1000331-56-8	45
5	Fumaric acid, 2,3-dichlorophenyl...	302	C13H12Cl2O4	1000345-36-3	42





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Sample : L2314-04
Misc :
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Instrument : BNA_F
ClientSampleId : WB-3-2

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

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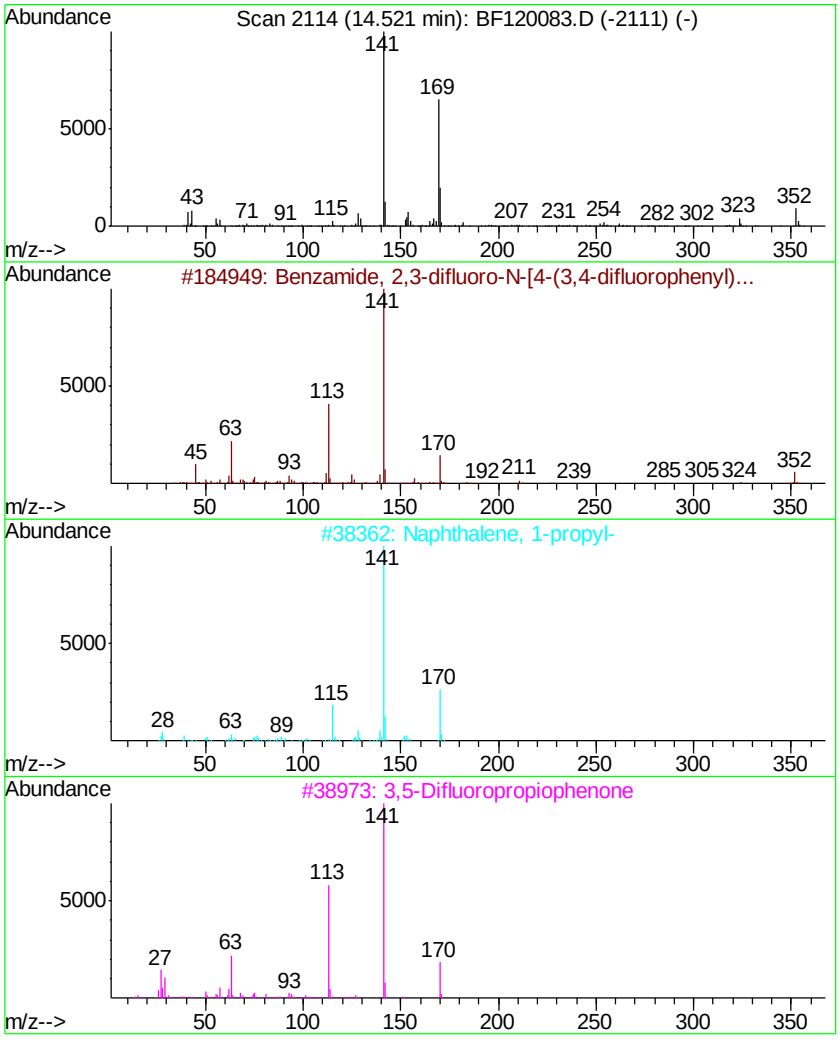
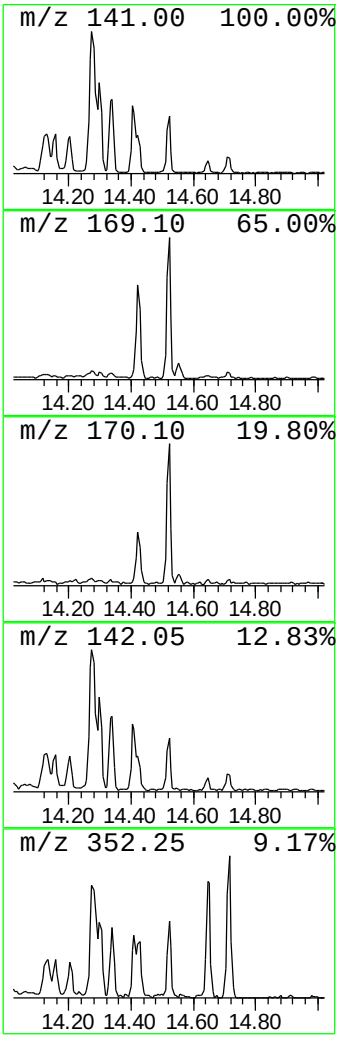
Peak Number 15 Benzamide, 2,3-difluoro-N-[... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	6.12 ng	402906	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, 2,3-difluoro-N-[4-(3,...	352	C16H8F4N2OS	1000277-49-1	53
2	Naphthalene, 1-propyl-	170	C13H14	002765-18-6	47
3	3,5-Difluoropropiophenone	170	C9H8F2O	135306-45-5	47
4	(4-Chloro-2-chloromethyl-phenoxy...	234	C9H8Cl2O3	004286-99-1	38
5	1,4-Cyclohexanedicarbohydrazide	200	C8H16N4O2	1000212-83-8	38





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Misc :
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Instrument : BNA_F
ClientSampleId : WB-3-2

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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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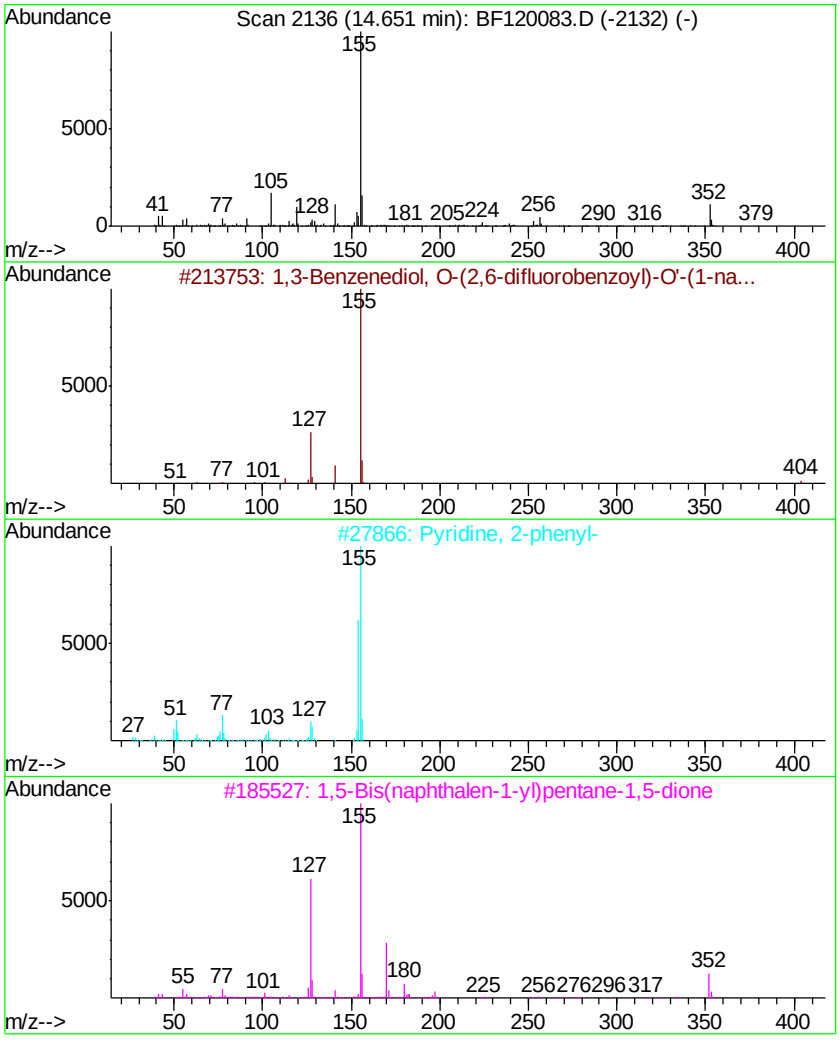
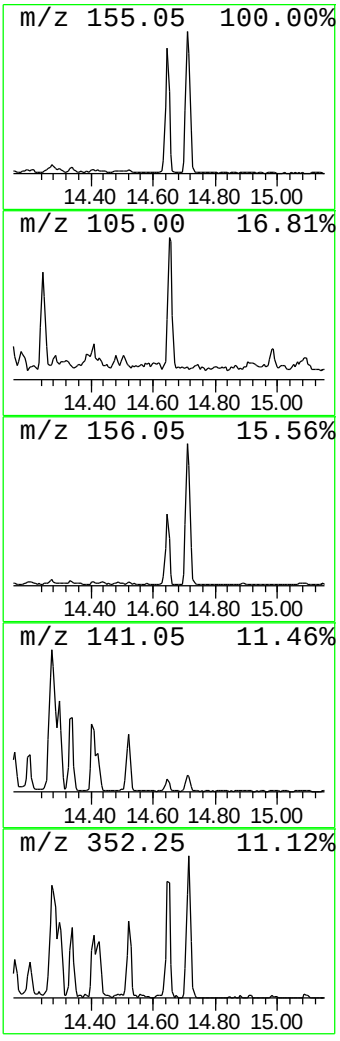
Peak Number 16 1,3-Benzenediol, O-(2,6-dif... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	8.63 ng	660150	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenediol, O-(2,6-difluoro...	404	C24H14F2O4	1000345-52-7	64
2	Pyridine, 2-phenyl-	155	C11H9N	001008-89-5	59
3	1,5-Bis(naphthalen-1-yl)pentane-...	352	C25H20O2	1000210-52-9	56
4	Ethyl 1-(3-hydroxybutyl)-2-oxocy...	270	C15H26O4	110288-16-9	53
5	1,2-Benzenediol, O-(2,6-difluoro...	404	C24H14F2O4	1000329-74-5	50





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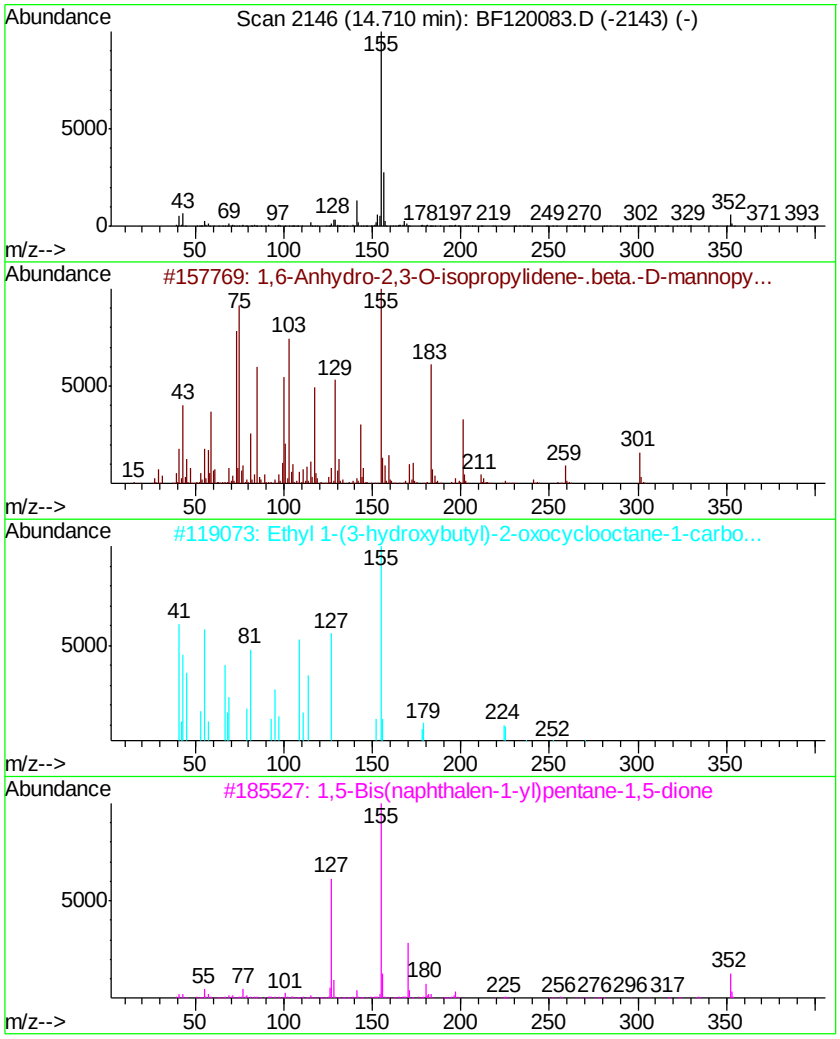
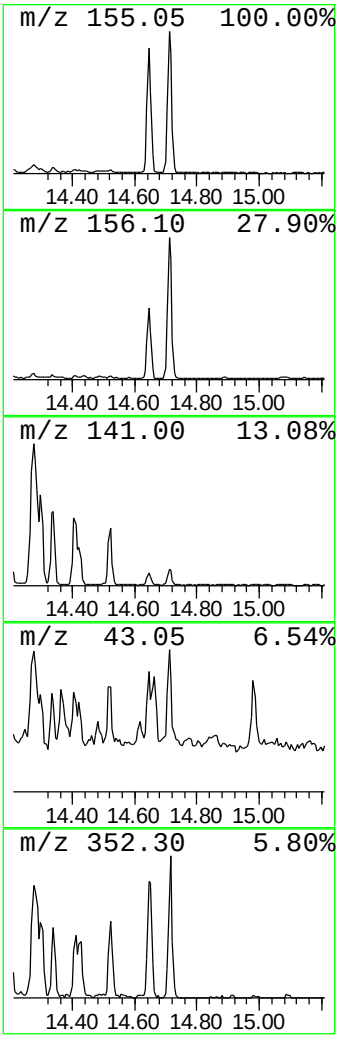
Peak Number 17 1,6-Anhydro-2,3-O-isopropyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	8.43 ng	644705	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Anhydro-2,3-O-isopropylidene...	316	C15H28O5Si	1000364-42-4	50
2	Ethyl 1-(3-hydroxybutyl)-2-oxocy...	270	C15H26O4	110288-16-9	50
3	1,5-Bis(naphthalen-1-yl)pentane-...	352	C25H20O2	1000210-52-9	50
4	Thiophene-2-carboxylic acid, 5-f...	156	C6H4O3S	1000306-77-9	38
5	1,2-Cyclohexanedicarboxylic acid...	438	C22H31BrO4	1000339-63-1	28





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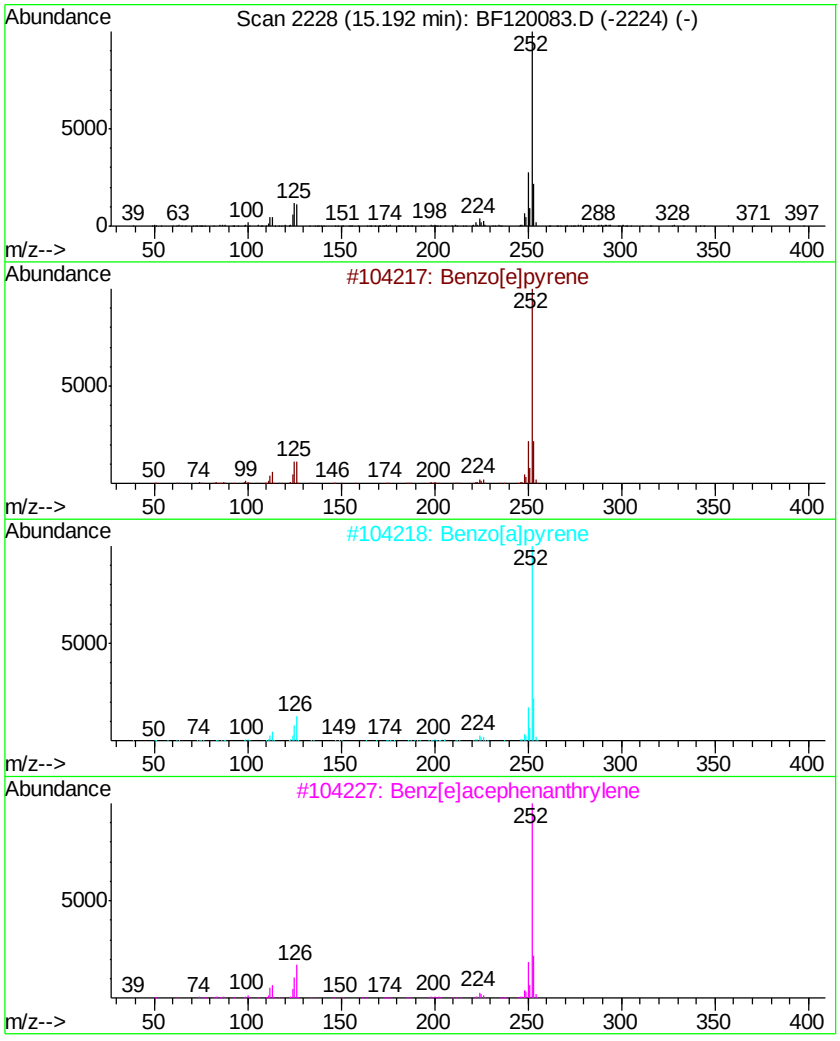
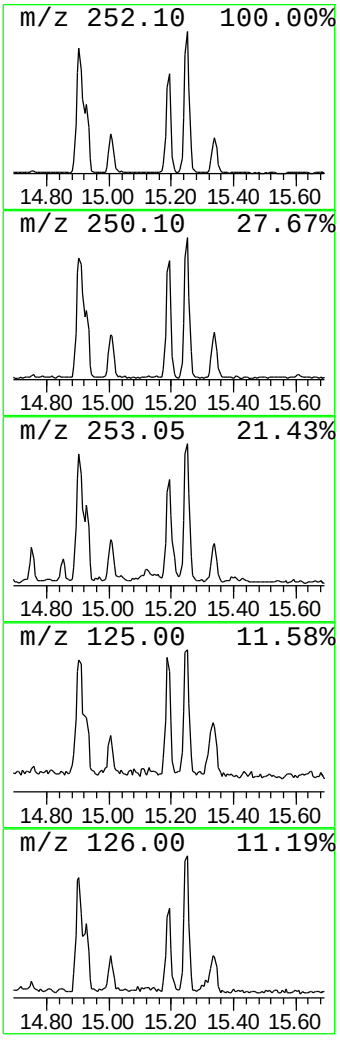
Peak Number 18 Benzo[e]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	4.86 ng	372042	Perylene-d12	15.31

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	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120083.D
Acq On : 20 Apr 2020 17:45
Operator : MA/SJ
Sample : L2314-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-3-2

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

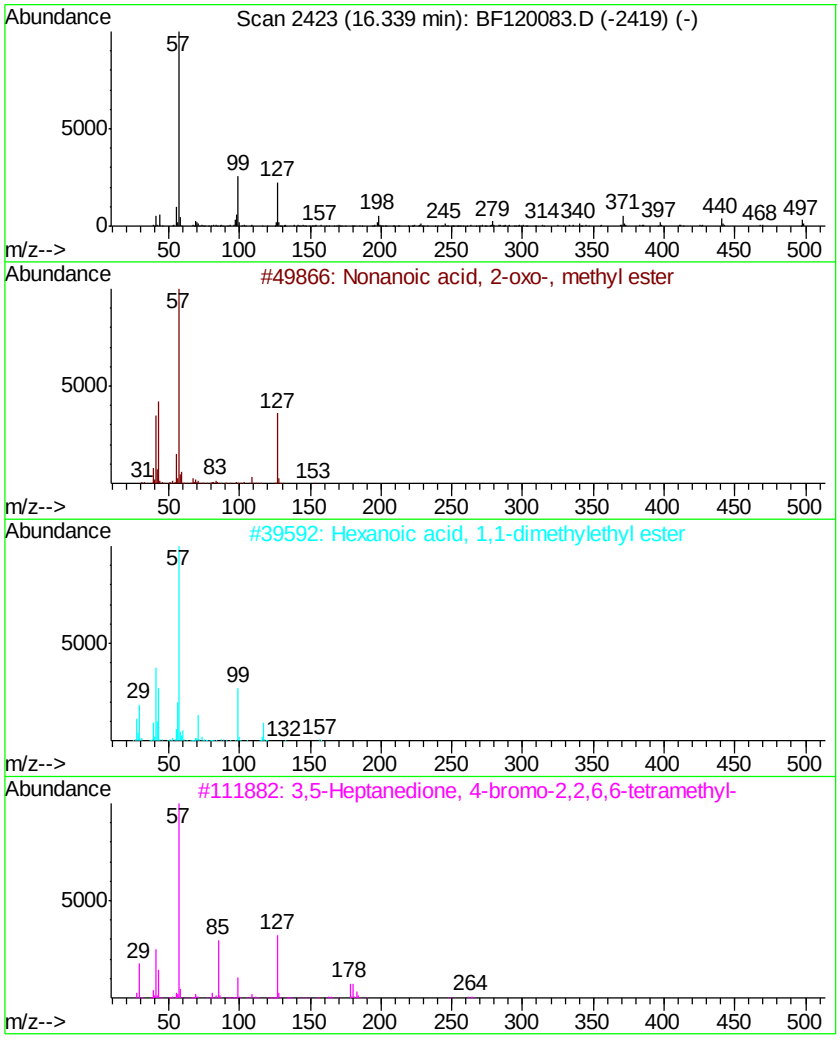
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

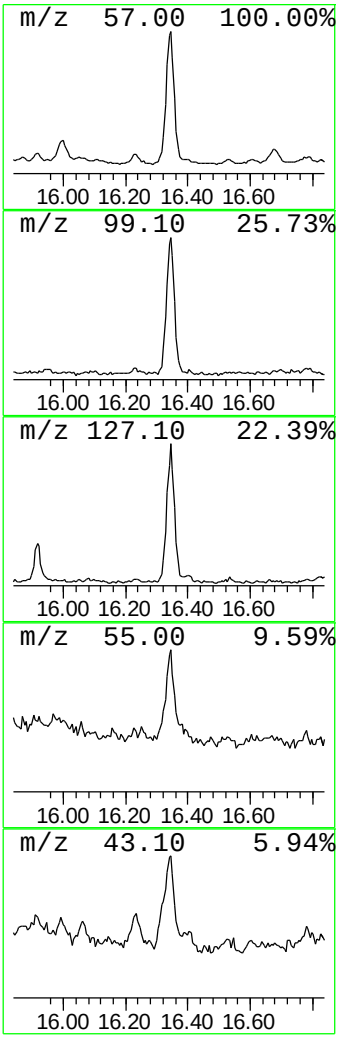
****

Peak Number 19 unknown16.34 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	13.11 ng	1002570	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid, 2-oxo-, methyl ester	186	C10H18O3	056275-54-8	35
2	Hexanoic acid, 1,1-dimethylethyl...	172	C10H20O2	002492-18-4	25
3	3,5-Heptanedione, 4-bromo-2,2,6,...	262	C11H19BrO2	039516-78-4	23
4	Pentane, 3,3-diethyl-	128	C9H20	001067-20-5	17
5	2,2,4,4-Tetramethyloctane	170	C12H26	062183-79-3	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120083.D
Acq On : 20 Apr 2020 17:45
Operator : MA/SJ
Sample : L2314-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-3-2

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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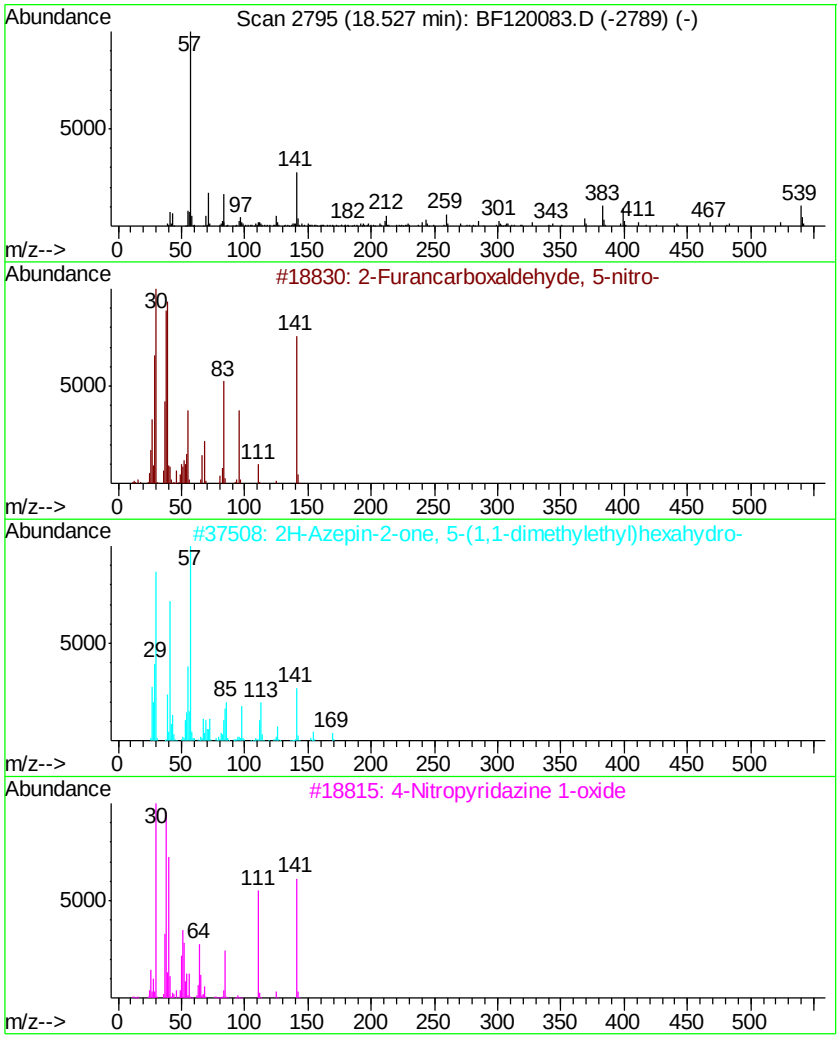
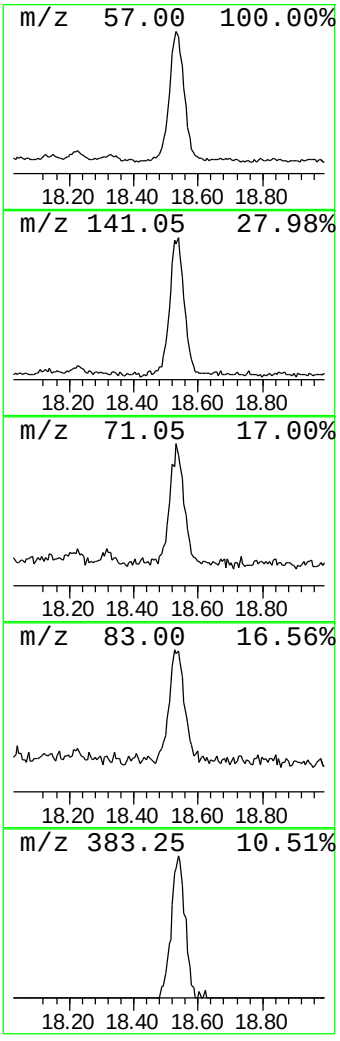
Peak Number 20 unknown18.53 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	9.48 ng	724886	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Furancarboxaldehyde, 5-nitro-	141	C5H3NO4	000698-63-5	4
2	2H-Azepin-2-one, 5-(1,1-dimethyl...	169	C10H19NO	032741-89-2	2
3	4-Nitropyridazine 1-oxide	141	C4H3N3O3	028147-45-7	2
4	Methane, chlorotrinitro-	185	CClN3O6	001943-16-4	1
5	Bisethoxo(methoxo)oxovanadium	188	C5H13O4V	062450-00-4	1





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042020\
Data File : BF120083.D
Acq On : 20 Apr 2020 17:45
Operator : MA/SJ
Sample : L2314-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-3-2

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	11.78	12.5	ng	743890	4	11.24	1192490	20.0
1-Benzylimidazoli...	12.04	5.9	ng	350780	4	11.24	1192490	20.0
Octadecanoic acid	12.56	6.2	ng	408437	5	13.89	1316050	20.0
unknown13.26	13.26	6.2	ng	406750	5	13.89	1316050	20.0
Hexanoic acid, 2-...	13.62	4.1	ng	268250	5	13.89	1316050	20.0
Cycloeicosane	13.74	9.9	ng	652843	5	13.89	1316050	20.0
unknown14.05	14.05	11.2	ng	735660	5	13.89	1316050	20.0
unknown14.10	14.10	6.2	ng	405405	5	13.89	1316050	20.0
1-p-Tolyl-2-(4H-[...	14.25	8.3	ng	544349	5	13.89	1316050	20.0
unknown14.27	14.27	18.1	ng	1192410	5	13.89	1316050	20.0
unknown14.30	14.30	5.4	ng	353199	5	13.89	1316050	20.0
unknown14.34	14.34	6.0	ng	392184	5	13.89	1316050	20.0
3,4-Difluorobenzo...	14.40	10.9	ng	715135	5	13.89	1316050	20.0
Benzamide, 2,3-di...	14.52	6.1	ng	402906	5	13.89	1316050	20.0
1,3-Benzenediol, ...	14.65	8.6	ng	660150	6	15.31	1529740	20.0
1,6-Anhydro-2,3-O...	14.71	8.4	ng	644705	6	15.31	1529740	20.0
Benzo[e]pyrene	15.19	4.9	ng	372042	6	15.31	1529740	20.0
unknown16.34	16.34	13.1	ng	1002570	6	15.31	1529740	20.0
unknown18.53	18.53	9.5	ng	724886	6	15.31	1529740	20.0