LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
Data File : BF095138.D
Acq On : 15 May 2017 21:56
Operator : SJ/MA
Sample : I3140-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-C

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:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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	1.960	3	4	15	rVB	144451	155237	5.52%	0.674%
2	5.119	538	541	555	rBV	44050	97929	3.48%	0.425%
3	5.748	645	648	671	rBV	411782	1017914	36.18%	4.420%
4	7.325	912	916	932	rBV	255939	641557	22.80%	2.786%
5	7.442	932	936	953	rVB	1402407	2080560	73.95%	9.035%
6	7.778	989	993	1004	rBV	404072	489739	17.41%	2.127%
7	8.013	1028	1033	1046	rBV	1526000	1894989	67.36%	8.229%
8	8.678	1141	1146	1166	rBV	1020670	1397954	49.69%	6.071%
9	9.795	1331	1336	1339	rBV	560051	668790	23.77%	2.904%
10	9.824	1339	1341	1355	rVV	515248	675652	24.02%	2.934%
11	9.924	1355	1358	1363	rVB3	19992	29119	1.04%	0.126%
12	10.260	1411	1415	1419	rBV	40279	58176	2.07%	0.253%
13	10.307	1419	1423	1429	rVB	47973	74059	2.63%	0.322%
14	10.954	1526	1533	1544	rBV	316159	427616	15.20%	1.857%
15	11.107	1551	1559	1570	rBV	233586	305788	10.87%	1.328%
16	11.566	1632	1637	1651	rBV	2249300	2813346	100.00%	12.217%
17	11.724	1660	1664	1669	rBV	37624	44280	1.57%	0.192%
18	11.866	1682	1688	1696	rVB3	22089	42576	1.51%	0.185%
19	11.977	1703	1707	1714	rBV4	41358	84267	3.00%	0.366%
20	12.095	1722	1727	1731	rBV	73282	110968	3.94%	0.482%
21	12.136	1731	1734	1742	rVB	46583	73530	2.61%	0.319%
22	12.260	1751	1755	1766	rVB2	71774	151002	5.37%	0.656%
23	12.413	1775	1781	1784	rBV2	28309	39662	1.41%	0.172%
24	12.624	1812	1817	1822	rBV2	527836	668650	23.77%	2.904%
25	12.677	1822	1826	1832	rVB	567335	672711	23.91%	2.921%
26	12.777	1837	1843	1850	rBV2	46133	87959	3.13%	0.382%
27	12.965	1871	1875	1885	rBV	311100	426690	15.17%	1.853%
28	13.460	1955	1959	1964	rBV7	29281	47109	1.67%	0.205%
29	13.518	1964	1969	1980	rBV	533930	681559	24.23%	2.960%
30	13.660	1991	1993	1999	rVB4	29974	36976	1.31%	0.161%
31	13.795	2013	2016	2025	rVB3	34264	64108	2.28%	0.278%
32	13.924	2033	2038	2048	rBV	1019502	1411129	50.16%	6.128%
33	14.142	2071	2075	2085	rVB2	42285	78405	2.79%	0.340%
34	14.230	2086	2090	2093	rBV2	31509	41603	1.48%	0.181%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
Data File : BF095138.D
Acq On : 15 May 2017 21:56
Operator : SJ/MA
Sample : I3140-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-C

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:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.395	2109	2118	2121	rBV9	27971	60187	2.14%	0.261%
36	14.424	2121	2123	2127	rVB	31654	37126	1.32%	0.161%
37	14.548	2141	2144	2149	rVB4	24016	30282	1.08%	0.132%
38	14.865	2195	2198	2203	rVB	42192	49442	1.76%	0.215%
39	15.030	2221	2226	2229	rBV	437344	551427	19.60%	2.395%
40	15.065	2229	2232	2238	rVB	591124	685980	24.38%	2.979%
41	15.154	2243	2247	2254	rVV	81695	118586	4.22%	0.515%
42	15.230	2256	2260	2267	rVV5	28436	57174	2.03%	0.248%
43	15.312	2270	2274	2281	rVB	49150	63450	2.26%	0.276%
44	15.436	2291	2295	2302	rBV	195343	281837	10.02%	1.224%
45	15.624	2324	2327	2333	rVB6	22291	37984	1.35%	0.165%
46	15.848	2361	2365	2369	rVV3	35975	63071	2.24%	0.274%
47	15.959	2380	2384	2386	rVV	80540	99531	3.54%	0.432%
48	15.989	2386	2389	2396	rVB3	101183	160703	5.71%	0.698%
49	16.312	2438	2444	2449	rBV9	27051	59099	2.10%	0.257%
50	16.718	2508	2513	2518	rBV4	63181	132886	4.72%	0.577%
51	16.812	2525	2529	2539	rVB	165101	227678	8.09%	0.989%
52	17.071	2570	2573	2577	rBV6	34677	54400	1.93%	0.236%
53	17.112	2577	2580	2588	rVB	126762	175049	6.22%	0.760%
54	17.348	2615	2620	2626	rBV	1438068	1577184	56.06%	6.849%
55	18.700	2845	2850	2855	rBV	363623	463290	16.47%	2.012%
56	20.371	3130	3134	3145	rVB	329977	449605	15.98%	1.952%

Sum of corrected areas: 23027580

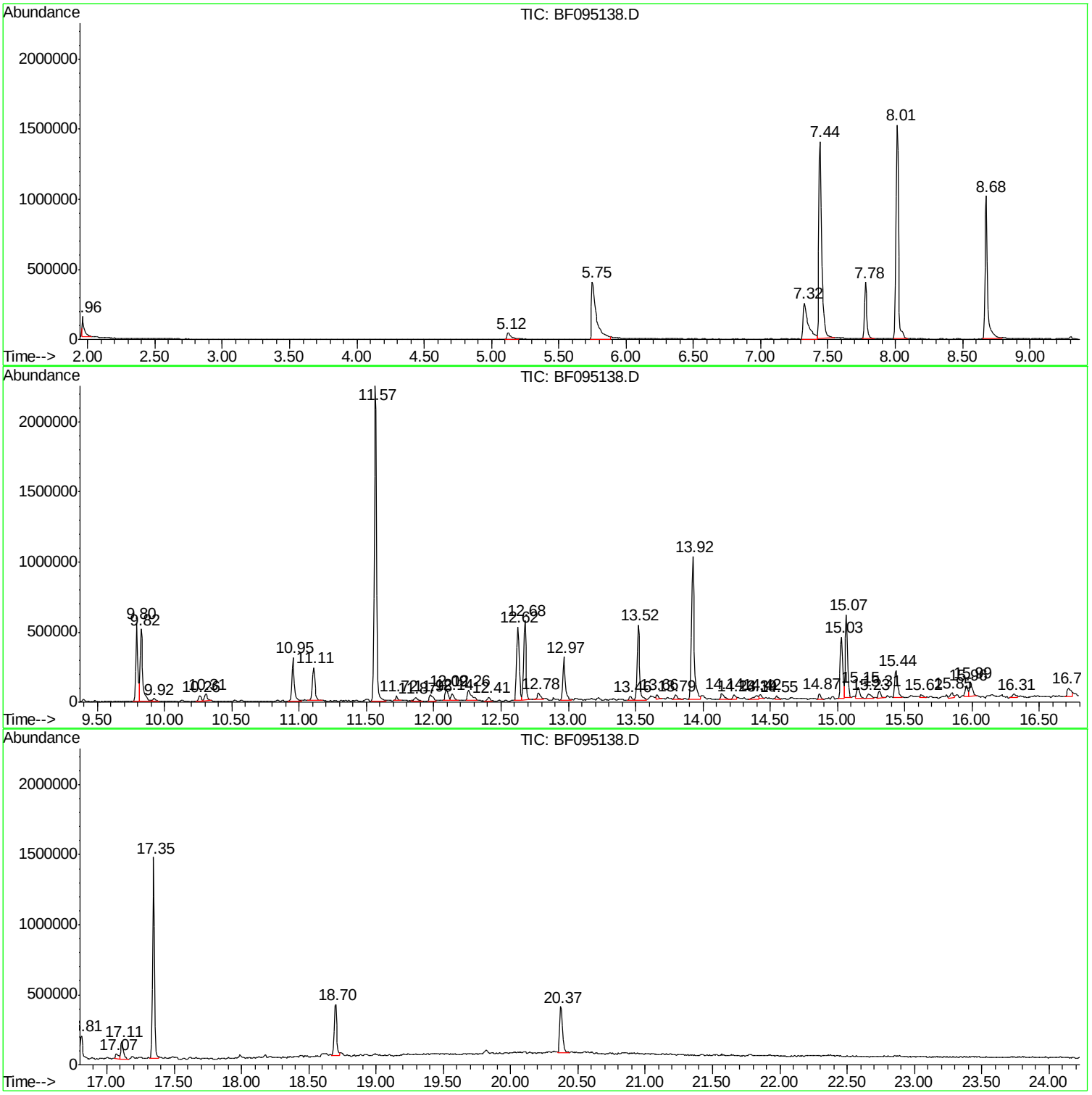
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
Data File : BF095138.D
Acq On : 15 May 2017 21:56
Operator : SJ/MA
Sample : I3140-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
Data File : BF095138.D
Acq On : 15 May 2017 21:56
Operator : SJ/MA
Sample : I3140-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

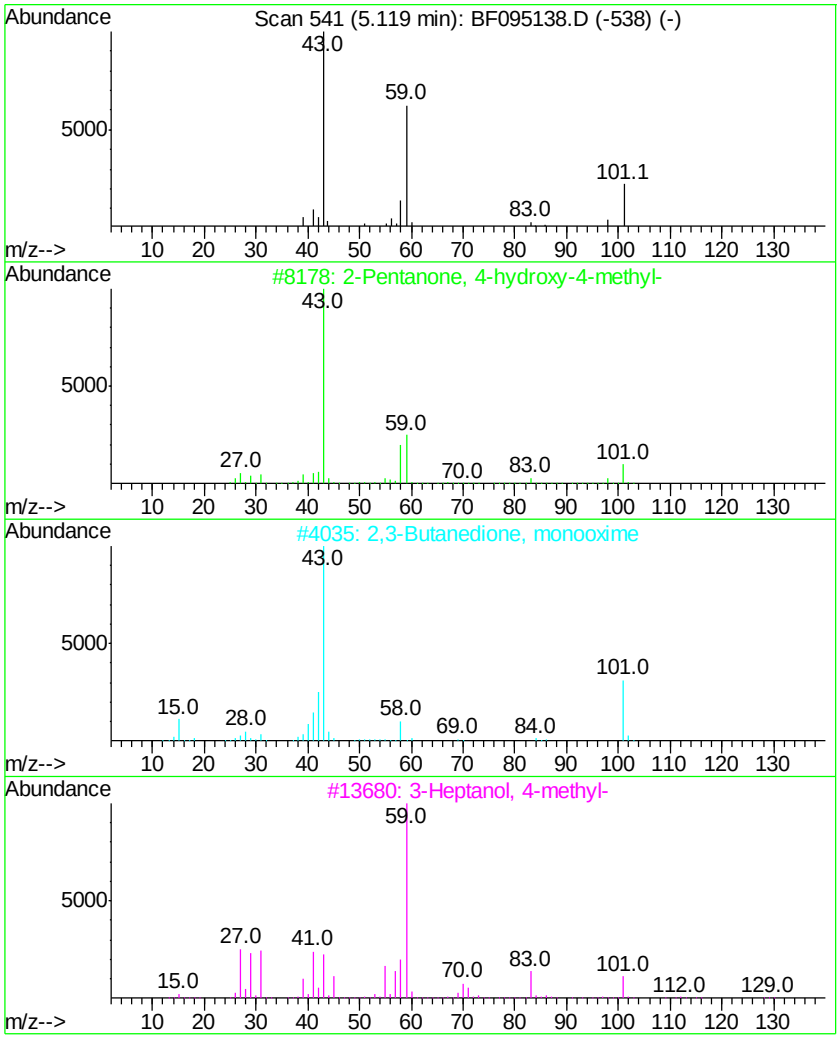
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

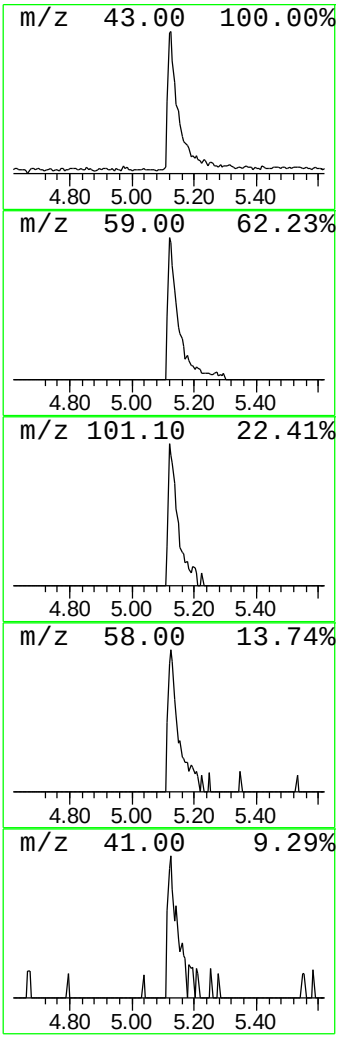
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	4.00 ng	97929	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
3	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	25
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Data File : BF095138.D
Acq On : 15 May 2017 21:56
Operator : SJ/MA
Sample : I3140-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

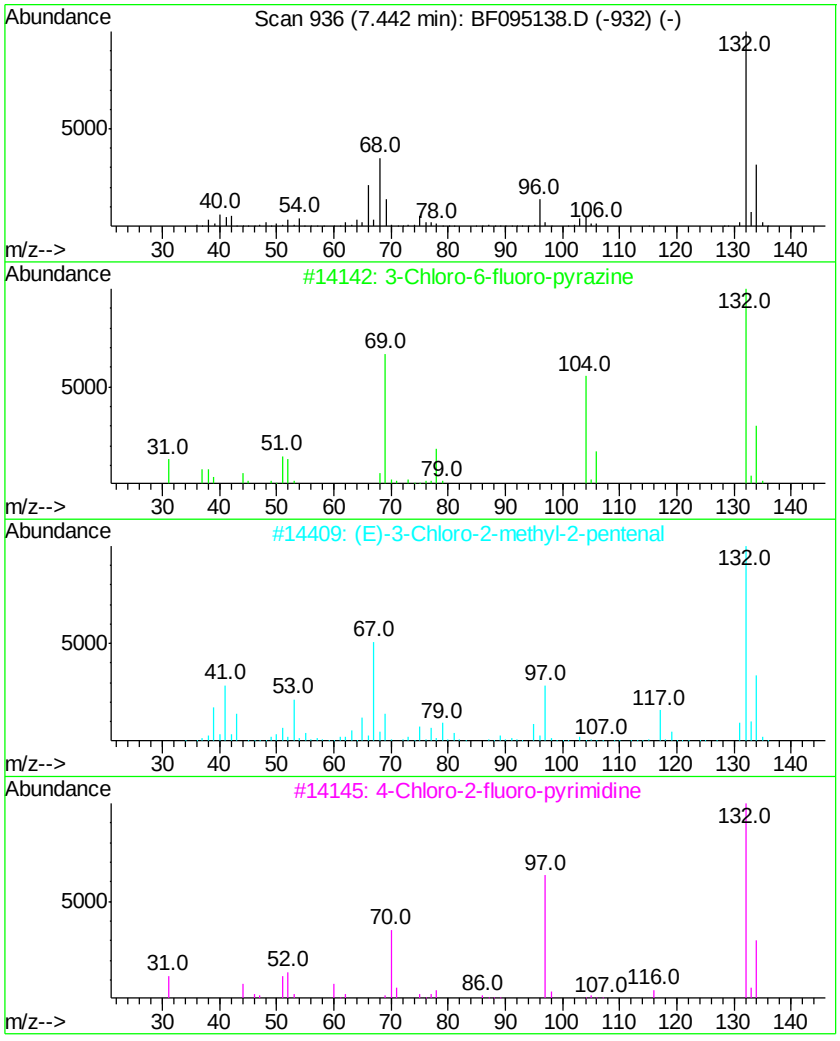
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

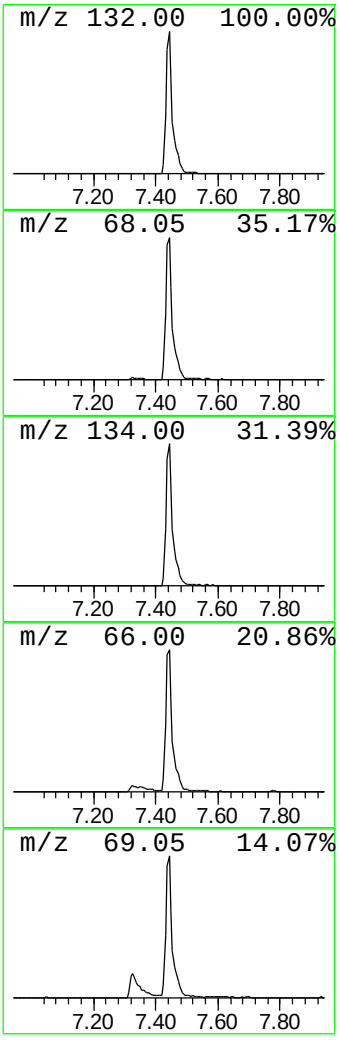
****

Peak Number 3 unknown7.44 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	84.97 ng	2080560	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
Data File : BF095138.D
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Operator : SJ/MA
Sample : I3140-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

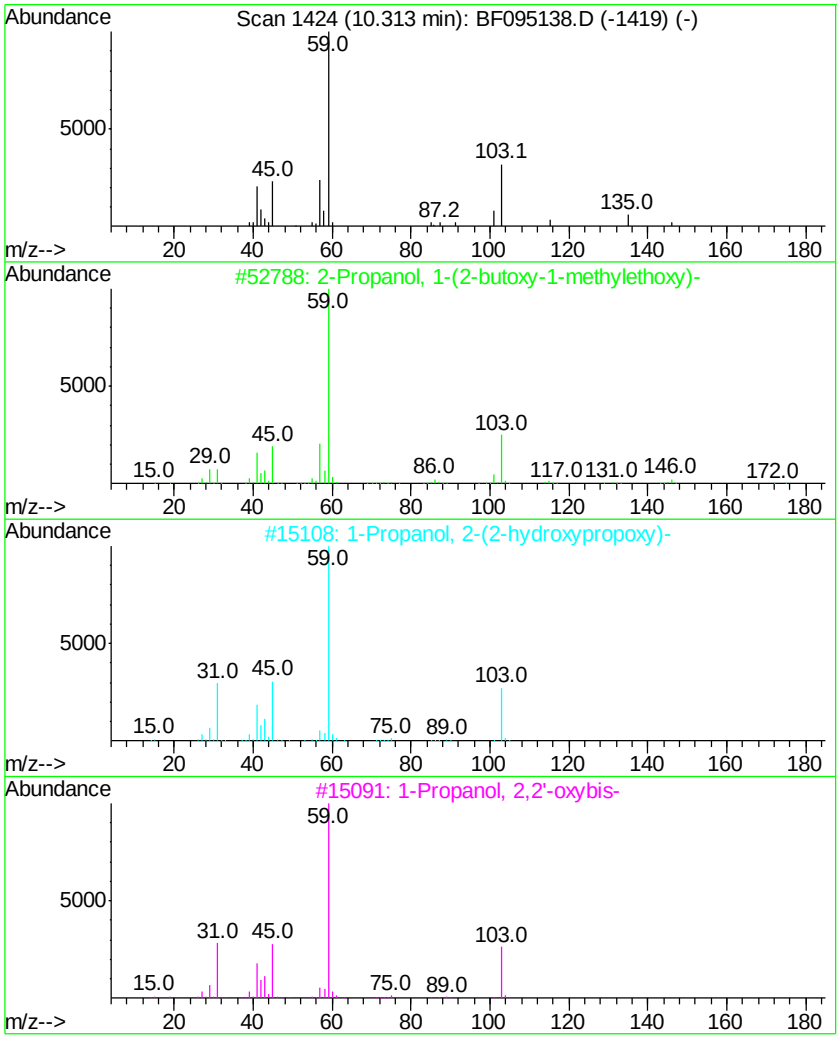
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

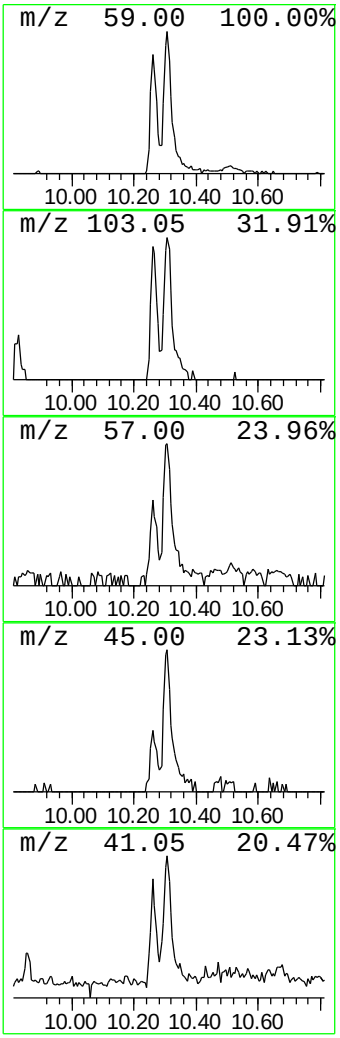
****

Peak Number 5 2-Propanol, 1-(2-butoxy-1-m... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	2.21 ng	74059	Naphthalene-d8	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	64
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	64
3	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	50
4	1-(1-Methoxypropan-2-yloxy)propa...	232	C12H24O4	1000367-13-4	40
5	2-Propanol, 1-methoxy-2-methyl-	104	C5H12O2	003587-64-2	36





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Sample : I3140-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

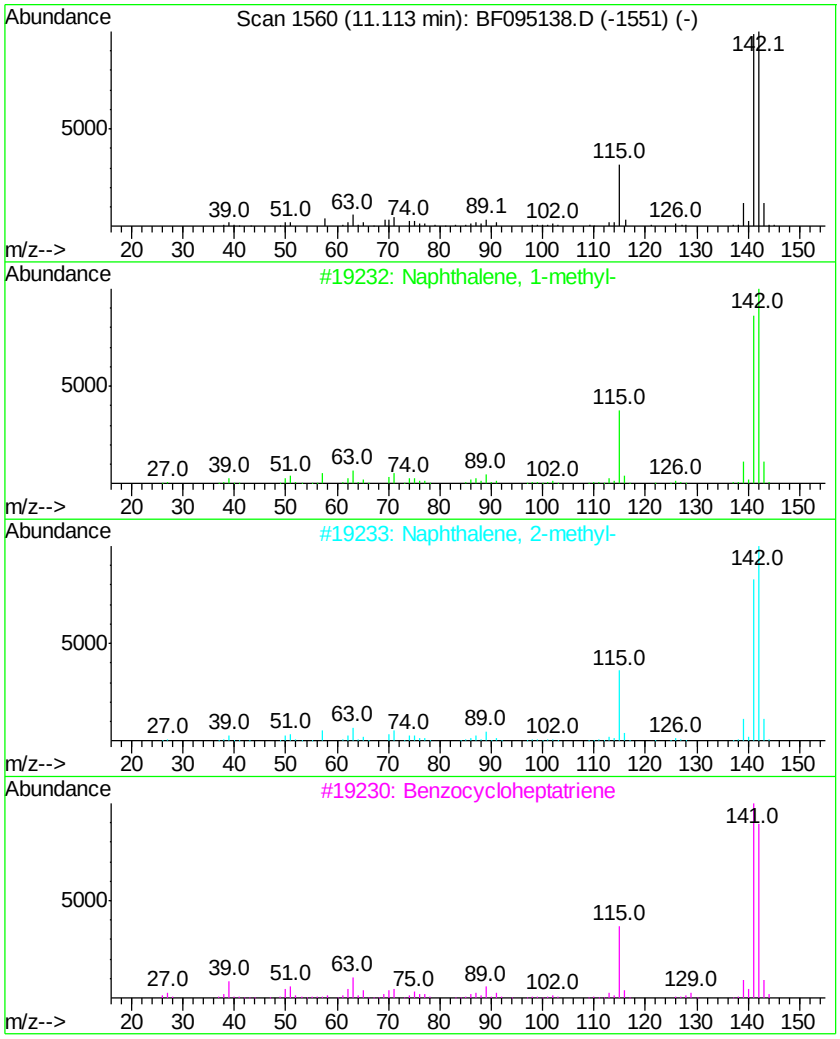
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

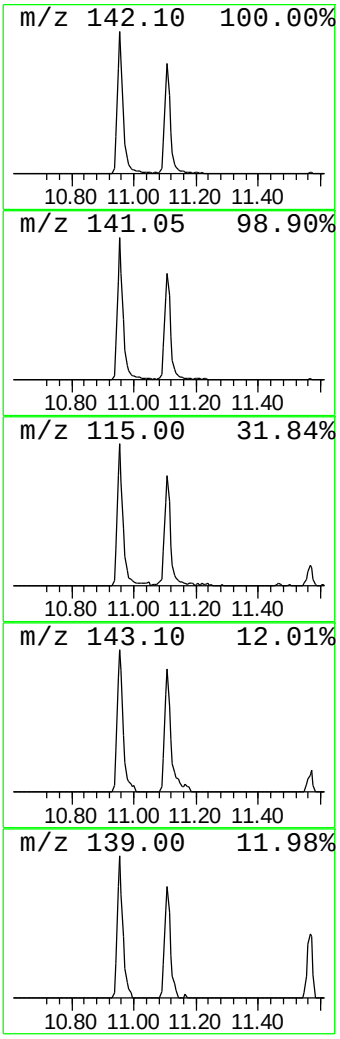
****

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	9.14 ng	305788	Naphthalene-d8	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	59





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Operator : SJ/MA
Sample : I3140-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

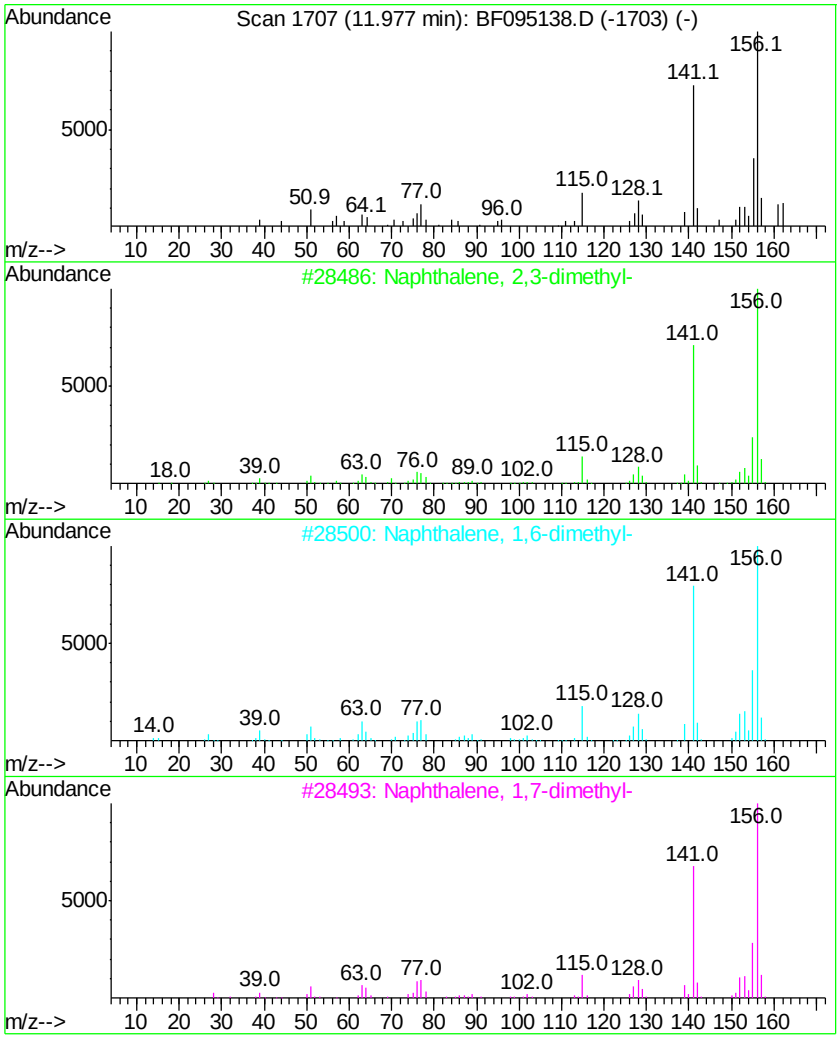
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

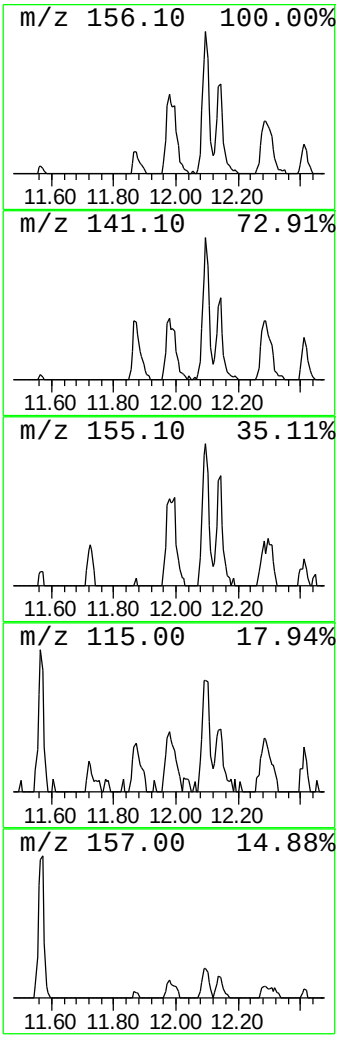
****

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	2.52 ng	84267	Acenaphthene-d10	12.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Operator : SJ/MA
Sample : I3140-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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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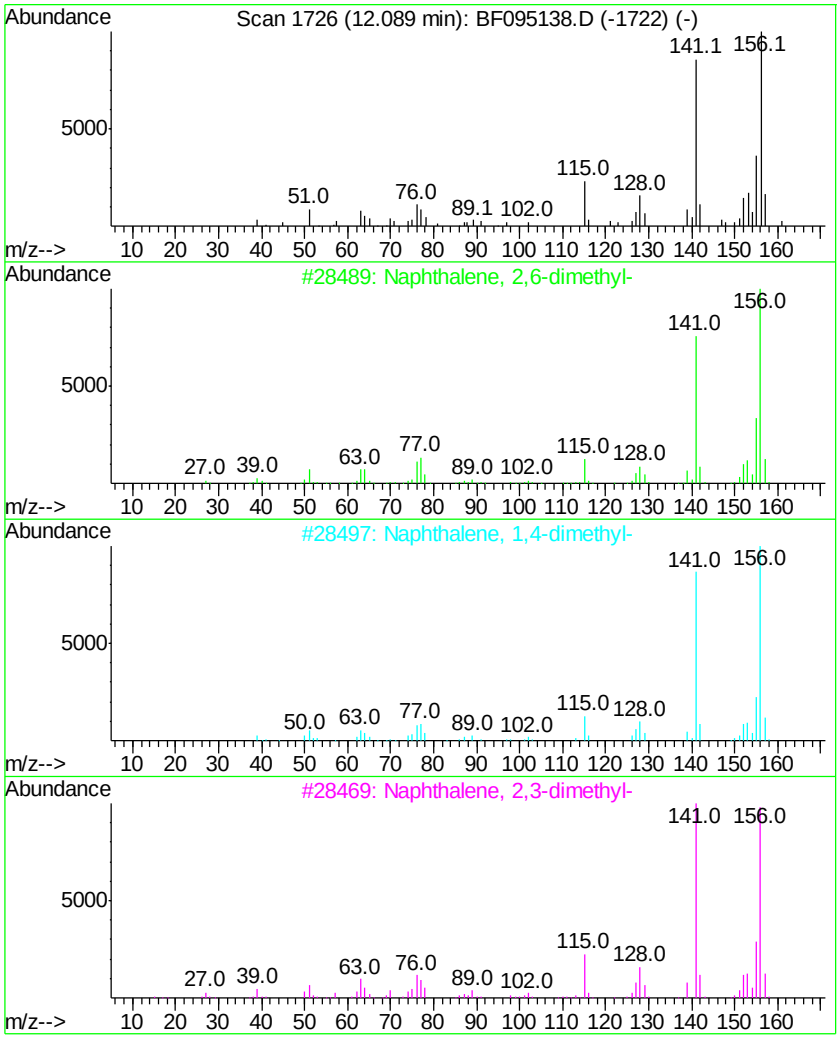
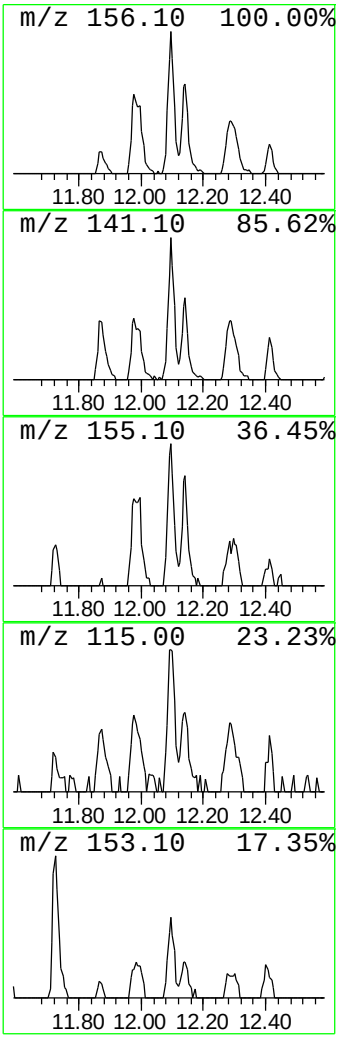
Peak Number 8 Naphthalene, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	3.32 ng	110968	Acenaphthene-d10	12.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





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Data File : BF095138.D
Acq On : 15 May 2017 21:56
Operator : SJ/MA
Sample : I3140-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

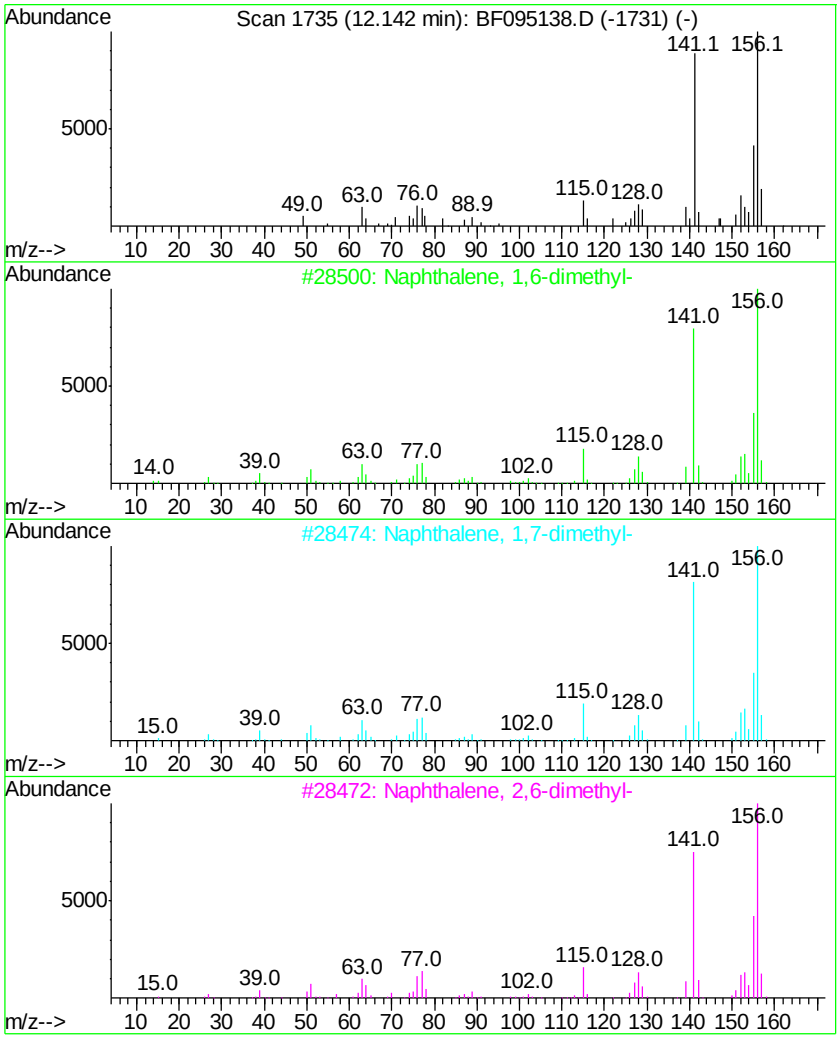
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

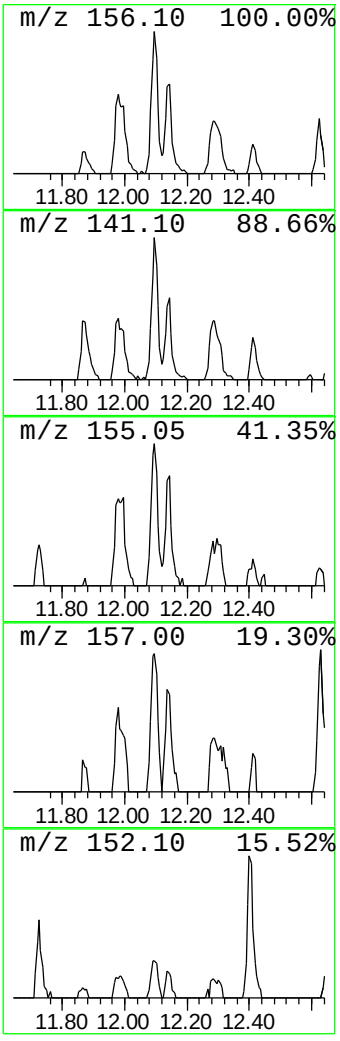
****

Peak Number 9 Naphthalene, 1,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	2.20 ng	73530	Acenaphthene-d10	12.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
Data File : BF095138.D
Acq On : 15 May 2017 21:56
Operator : SJ/MA
Sample : I3140-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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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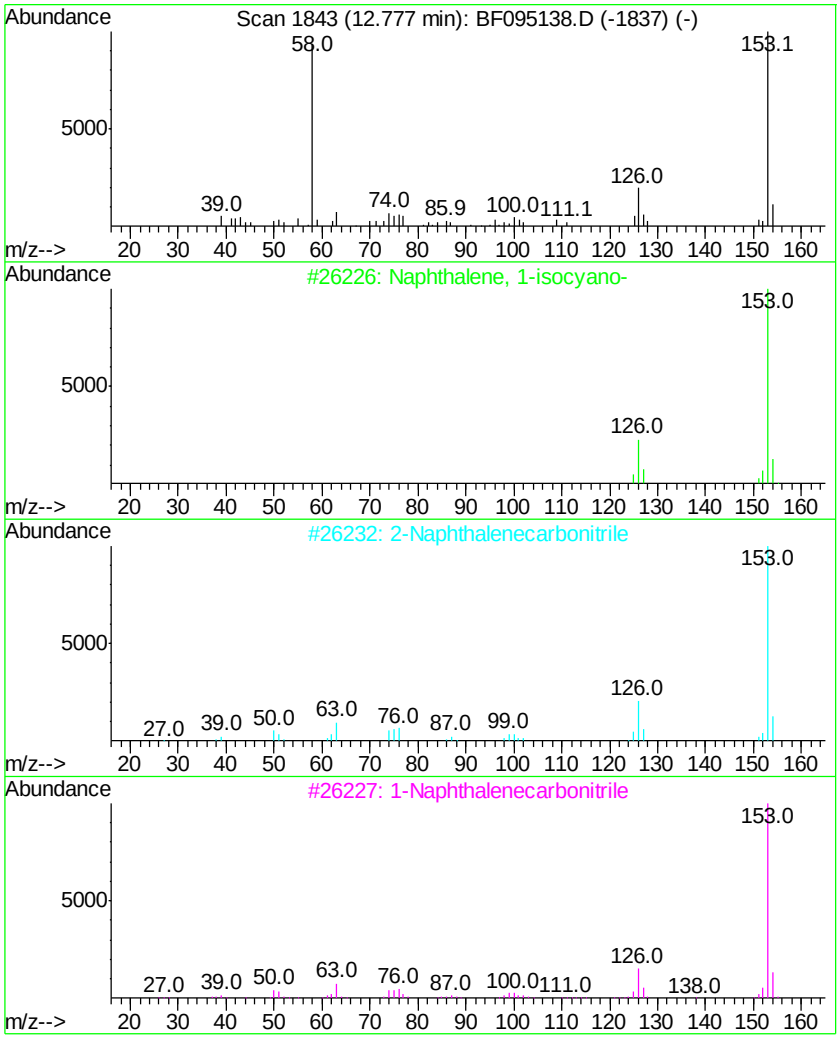
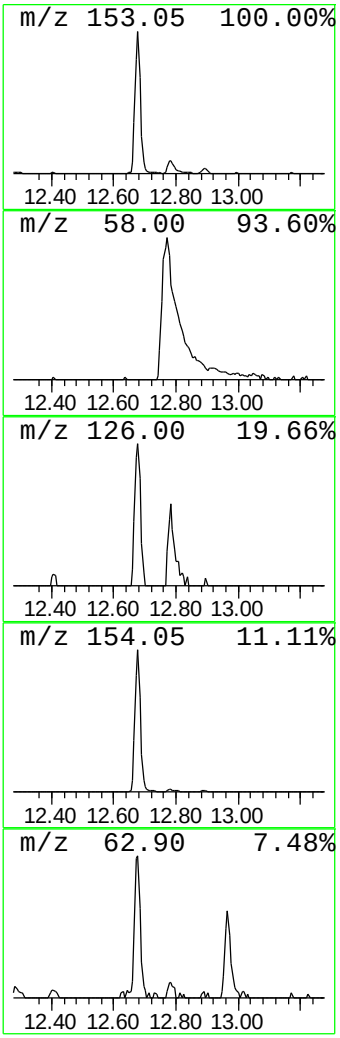
Peak Number 10 Naphthalene, 1-isocyano- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	2.63 ng	87959	Acenaphthene-d10	12.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-isocyano-	153	C11H7N	001984-04-9	83
2	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	60
3	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	55
4	3-Amino-4-hydroxybenzoic acid	153	C7H7NO3	001571-72-8	35
5	Cetrimonium Bromide	363	C19H42BrN	000057-09-0	27





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Data File : BF095138.D
Acq On : 15 May 2017 21:56
Operator : SJ/MA
Sample : I3140-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

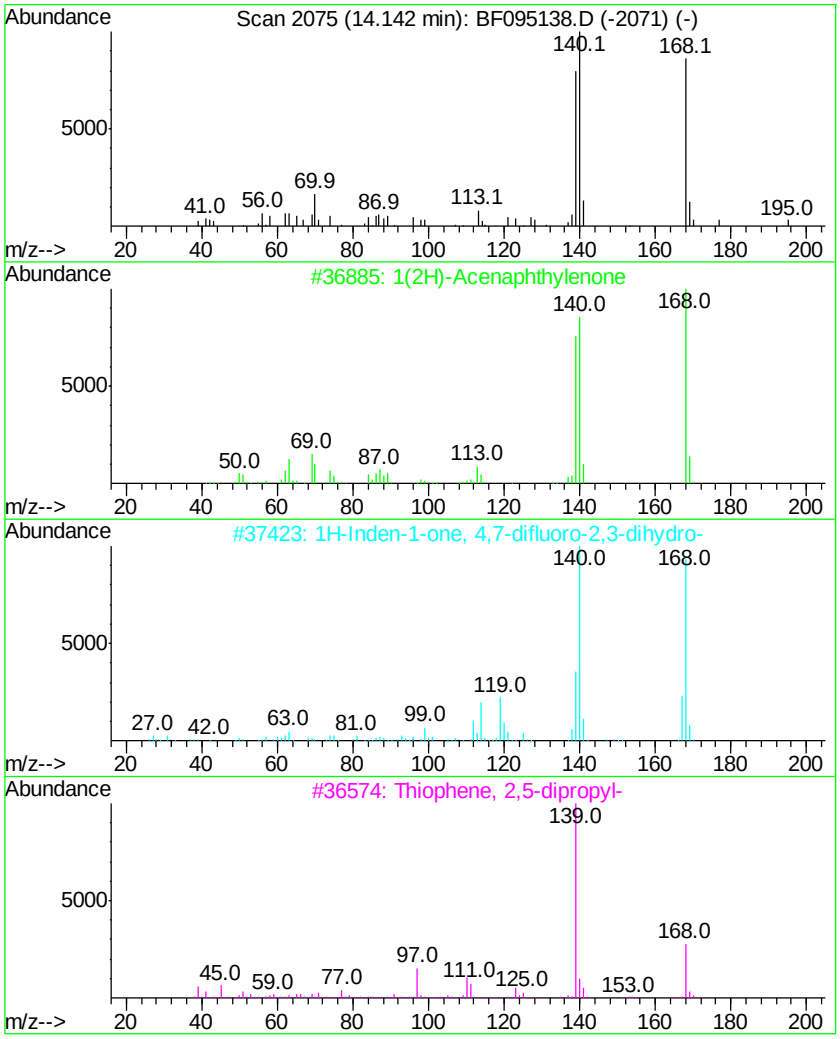
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

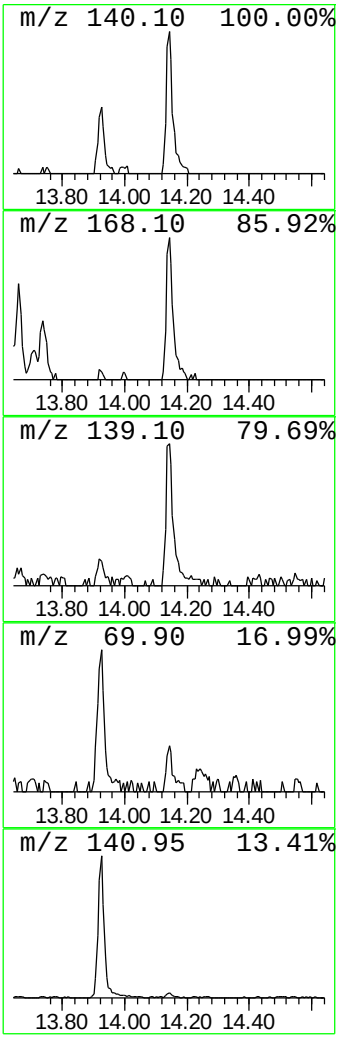
****

Peak Number 11 1(2H)-Acenaphthylenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	2.84 ng	78405	Phenanthrene-d10	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	90
2	1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	53
3	Thiophene, 2,5-dipropyl-	168	C10H16S	054411-07-3	52
4	7(4H)-Benzothiazolone, 2-amino-5...	168	C7H8N2OS	017583-10-7	50
5	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	49





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Acq On : 15 May 2017 21:56
Operator : SJ/MA
Sample : I3140-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

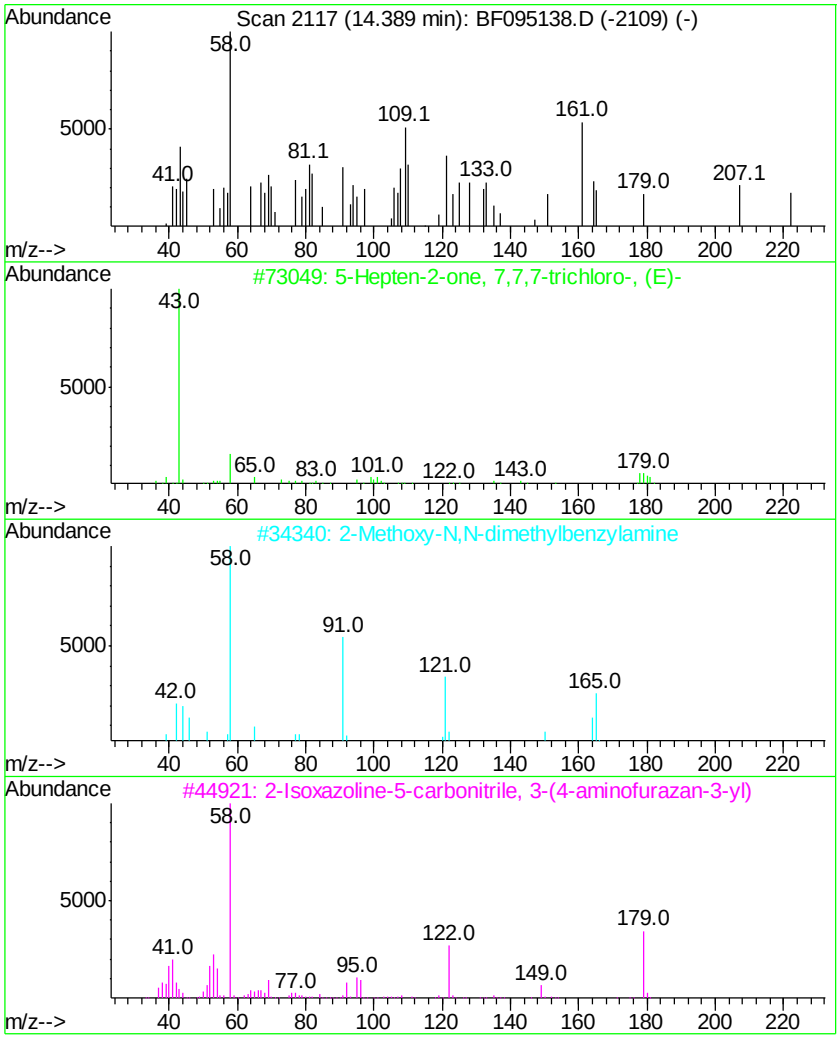
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

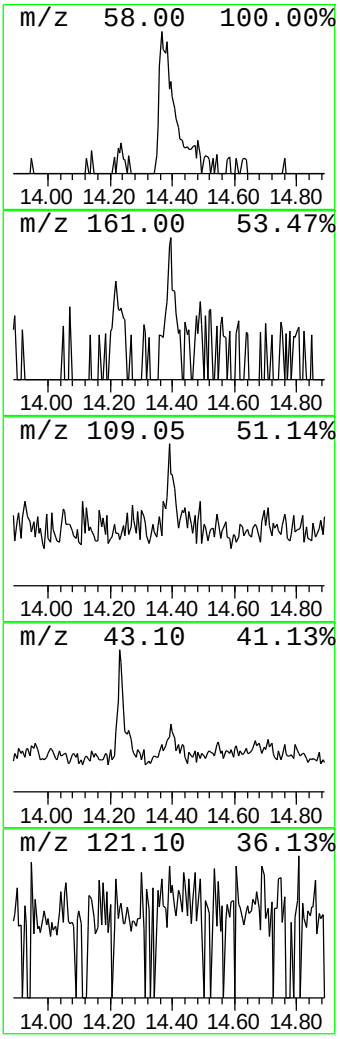
****

Peak Number 12 unknown14.39 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	2.18 ng	60187	Phenanthrene-d10	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Hepten-2-one, 7,7,7-trichloro-...	214	C7H9Cl3O	1000115-29-5	25
2	2-Methoxy-N,N-dimethylbenzylamine	165	C10H15NO	058774-83-7	17
3	2-Isoxazoline-5-carbonitrile, 3-...	179	C6H5N5O2	147085-18-5	14
4	Propane-1,3-diol 3-nitro-benzene...	207	C9H10BNO4	085107-44-4	11
5	Propane-1,3-diol 4-nitro-benzene...	207	C9H10BNO4	085107-43-3	11





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Acq On : 15 May 2017 21:56
Operator : SJ/MA
Sample : I3140-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
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TIC Library : C:\DATABASE\NIST11.L
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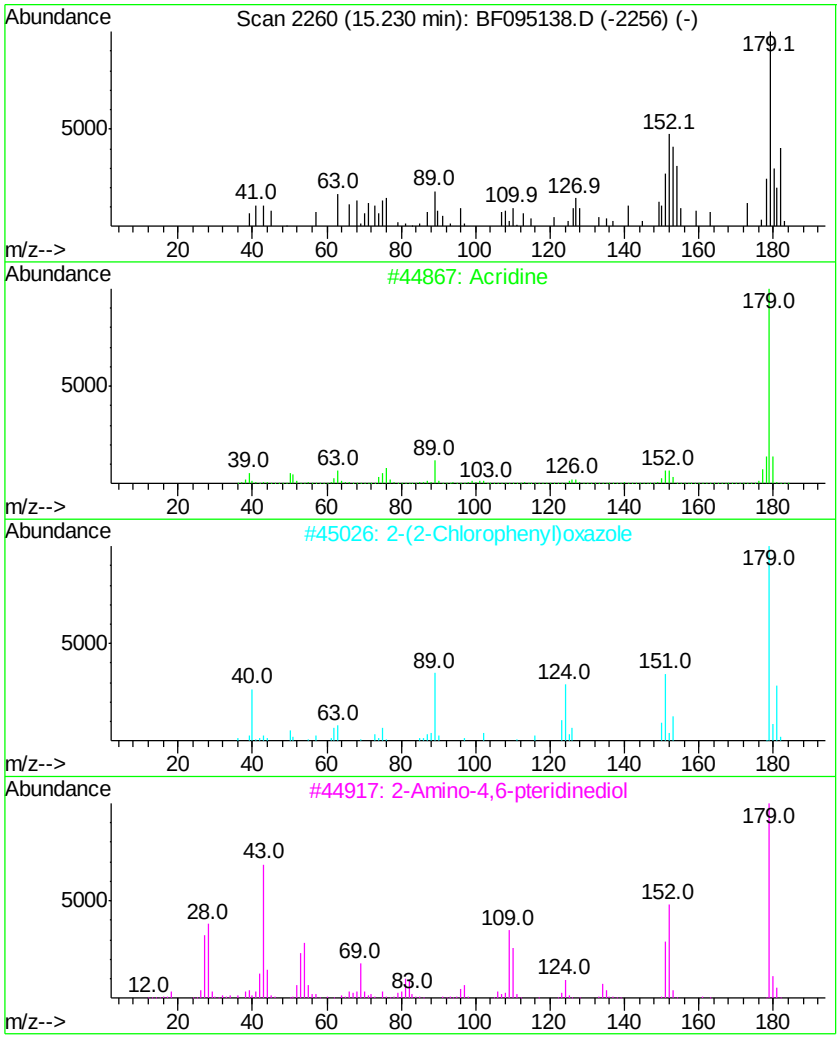
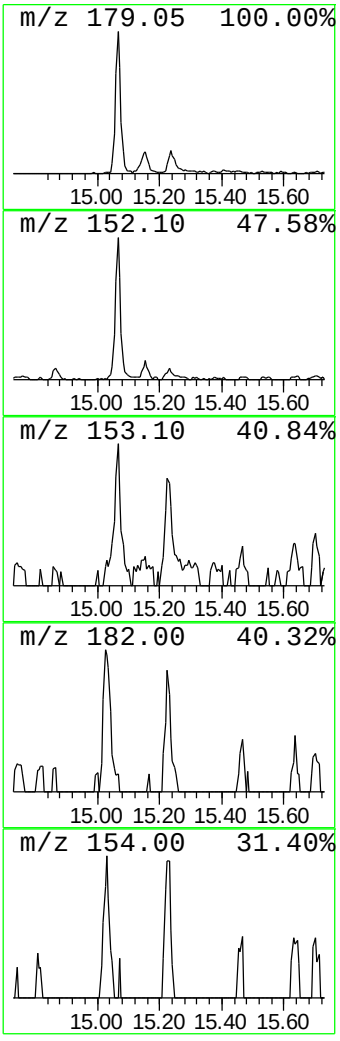
Peak Number 13 unknown15.23 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	2.07 ng	57174	Phenanthrene-d10	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	43
2	2-(2-Chlorophenyl)oxazole	179	C9H6ClNO	062881-98-5	43
3	2-Amino-4,6-pteridinediol	179	C6H5N5O2	005979-01-1	38
4	9,10-Dihydro-9-(2-oxocyclopentyl...	263	C18H17NO	015539-19-2	32
5	p-Phenylbenzonitrile	179	C13H9N	002920-38-9	32





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Sample : I3140-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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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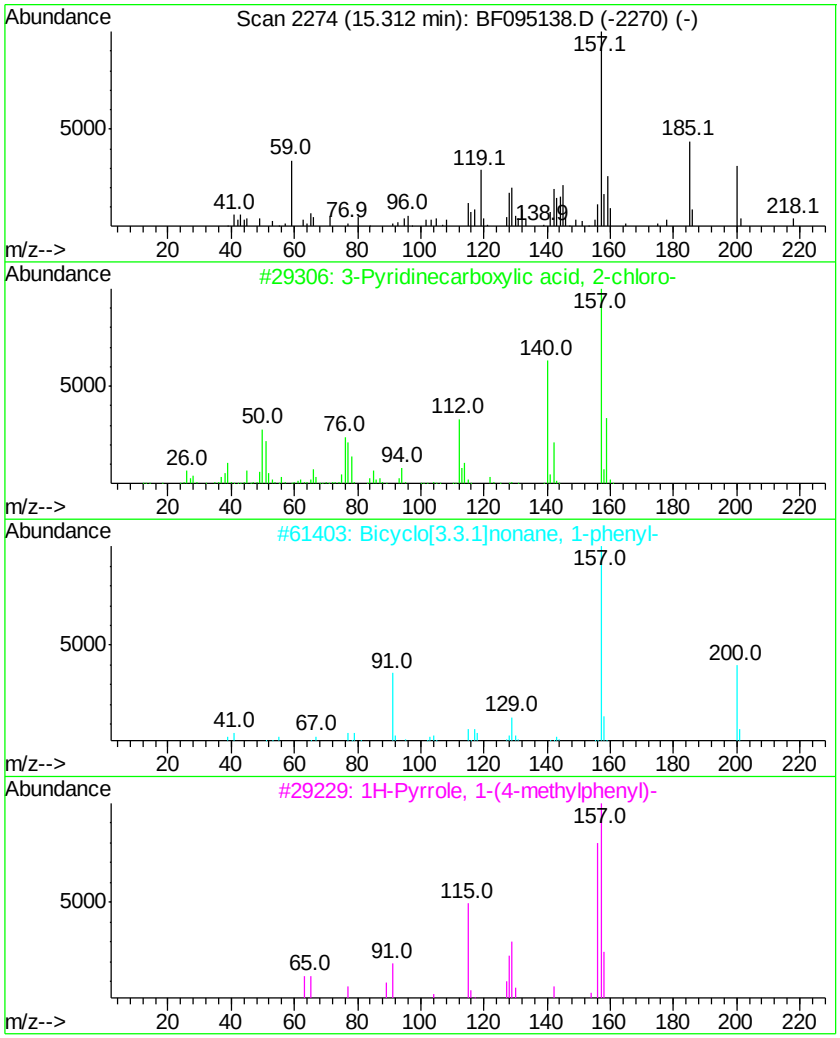
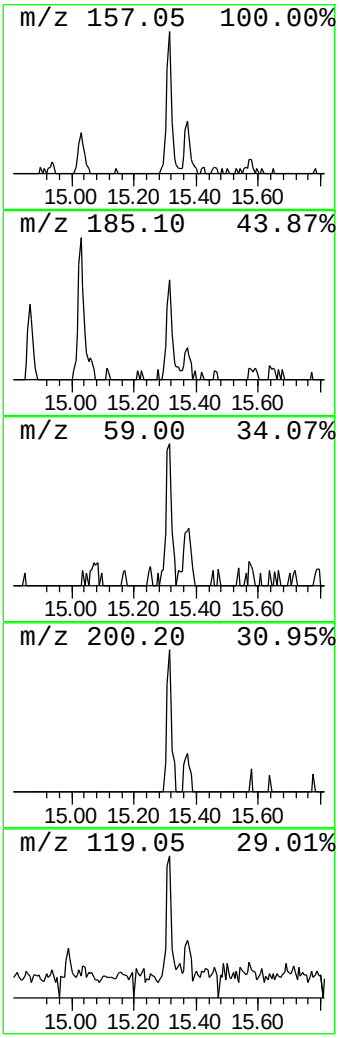
Peak Number 14 unknown15.31 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	2.30 ng	63450	Phenanthrene-d10	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pyridinecarboxylic acid, 2-chl...	157	C6H4ClNO2	002942-59-8	35
2	Bicyclo[3.3.1]nonane, 1-phenyl-	200	C15H20	026845-39-6	27
3	1H-Pyrrole, 1-(4-methylphenyl)-	157	C11H11N	000827-60-1	27
4	2,8-Dimethylquinoline	157	C11H11N	001463-17-8	25
5	Adipic acid, isobutyl 3-(2-metho...	358	C20H38O5	1000324-28-7	25





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Sample : I3140-02
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Instrument : BNA_F
ClientSampleId : MW-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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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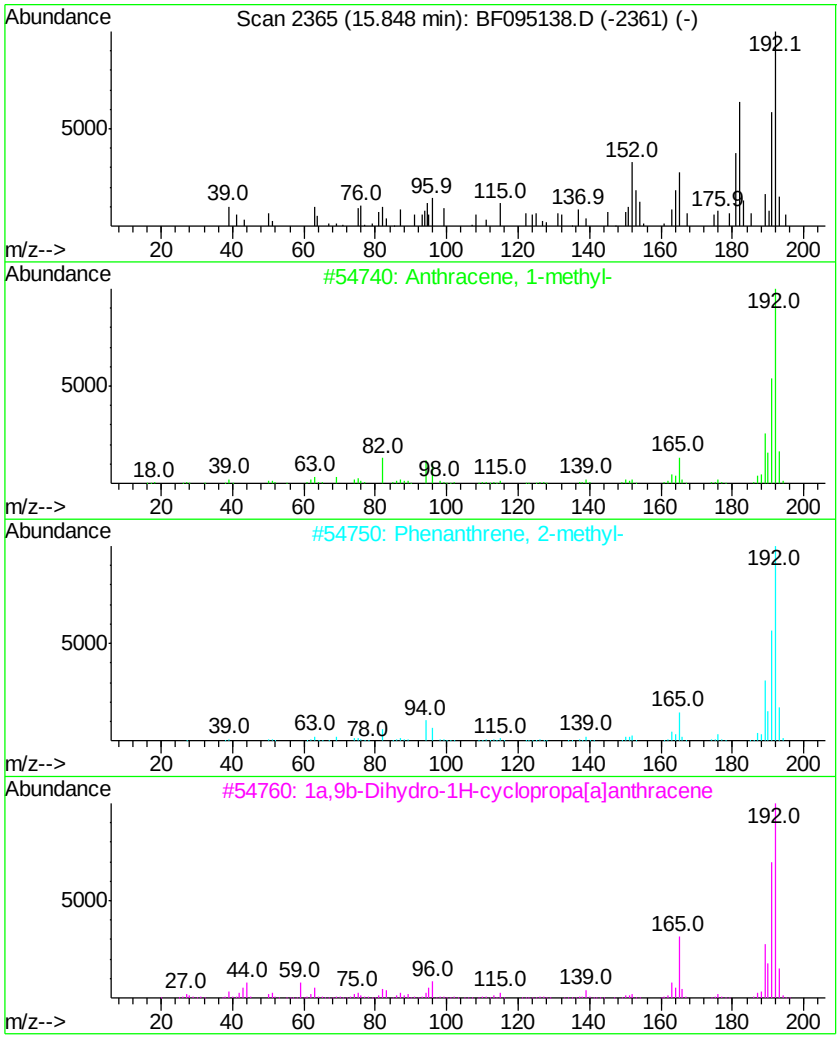
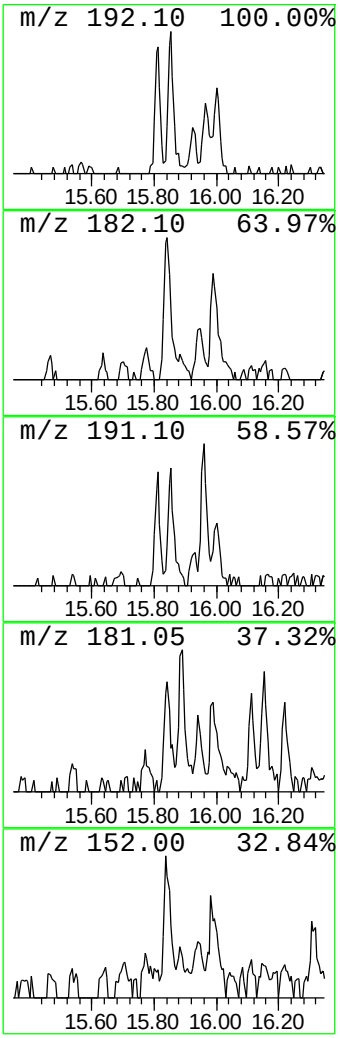
Peak Number 15 Anthracene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	2.29 ng	63071	Phenanthrene-d10	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	52
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	52
3	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	49
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
5	3,5 (4H,8H)-Dihydro-8-thia-1,3-d...	192	C9H8N2OS	014346-25-9	46





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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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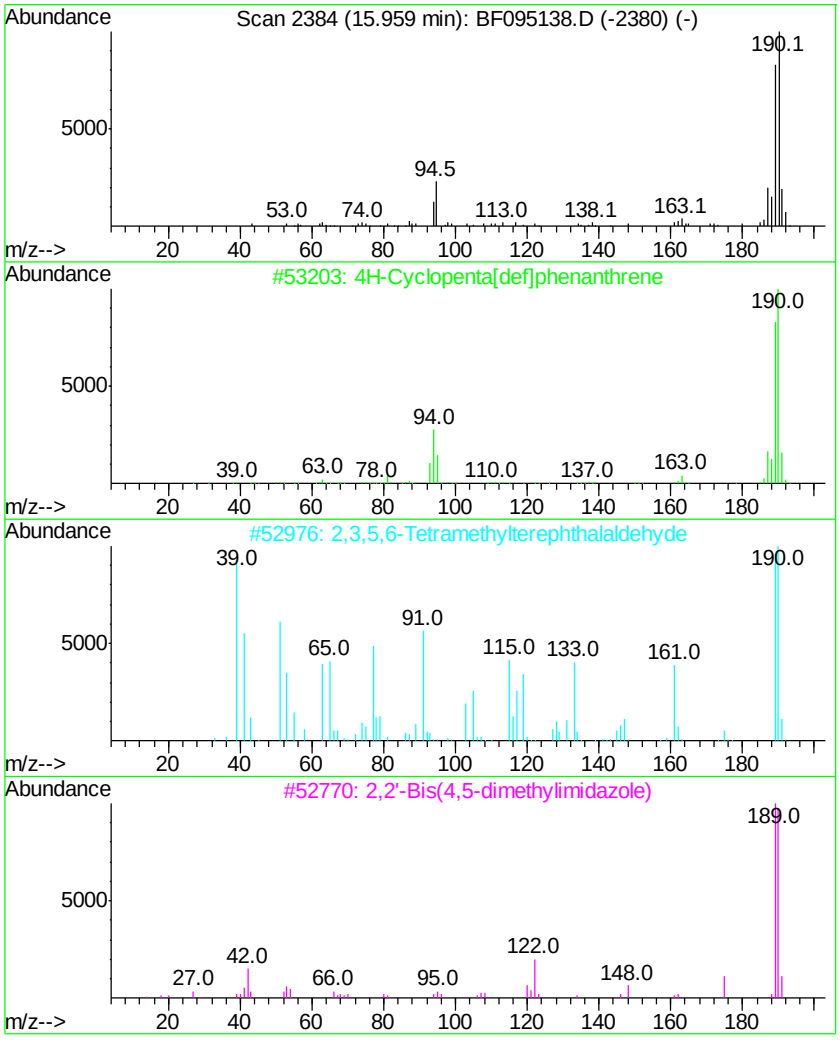
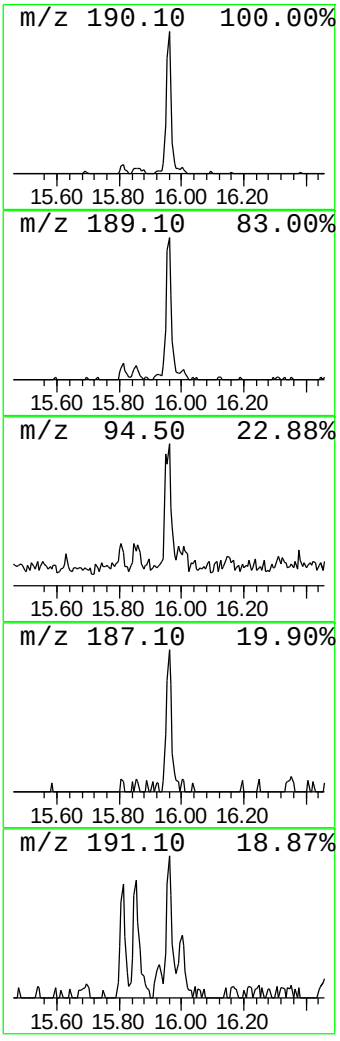
Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	3.61 ng	99531	Phenanthrene-d10	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	53
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	53
4	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	45
5	4-(4-Methyl-piperidin-1-yl)-phen...	190	C12H18N2	342013-25-6	42





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Operator : SJ/MA
Sample : I3140-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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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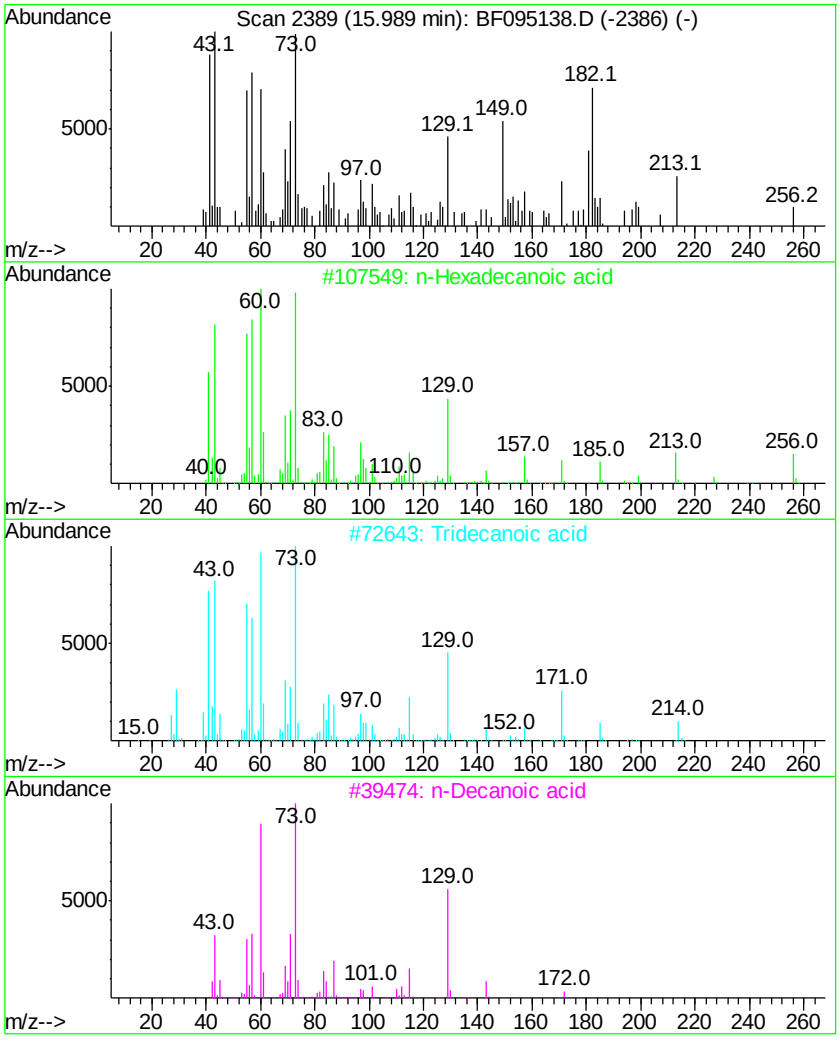
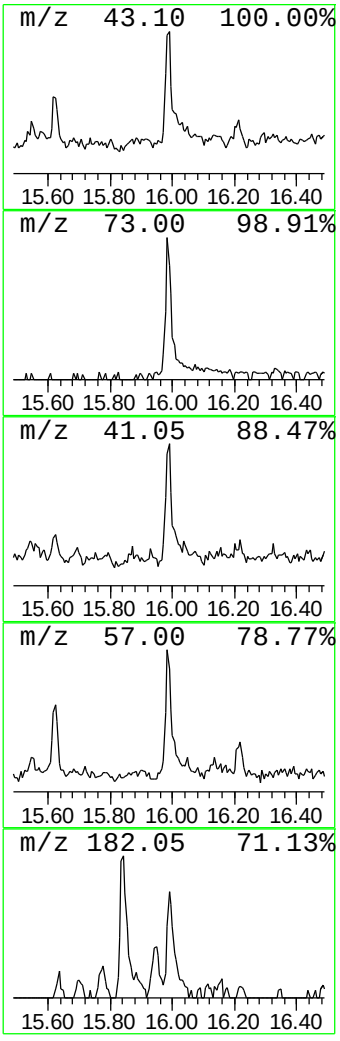
Peak Number 17 unknown15.99 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	5.83 ng	160703	Phenanthrene-d10	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	38
2	Tridecanoic acid	214	C13H26O2	000638-53-9	25
3	n-Decanoic acid	172	C10H20O2	000334-48-5	14
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	14
5	9H-Fluoren-9-ol, acetate	224	C15H12O2	025017-68-9	14





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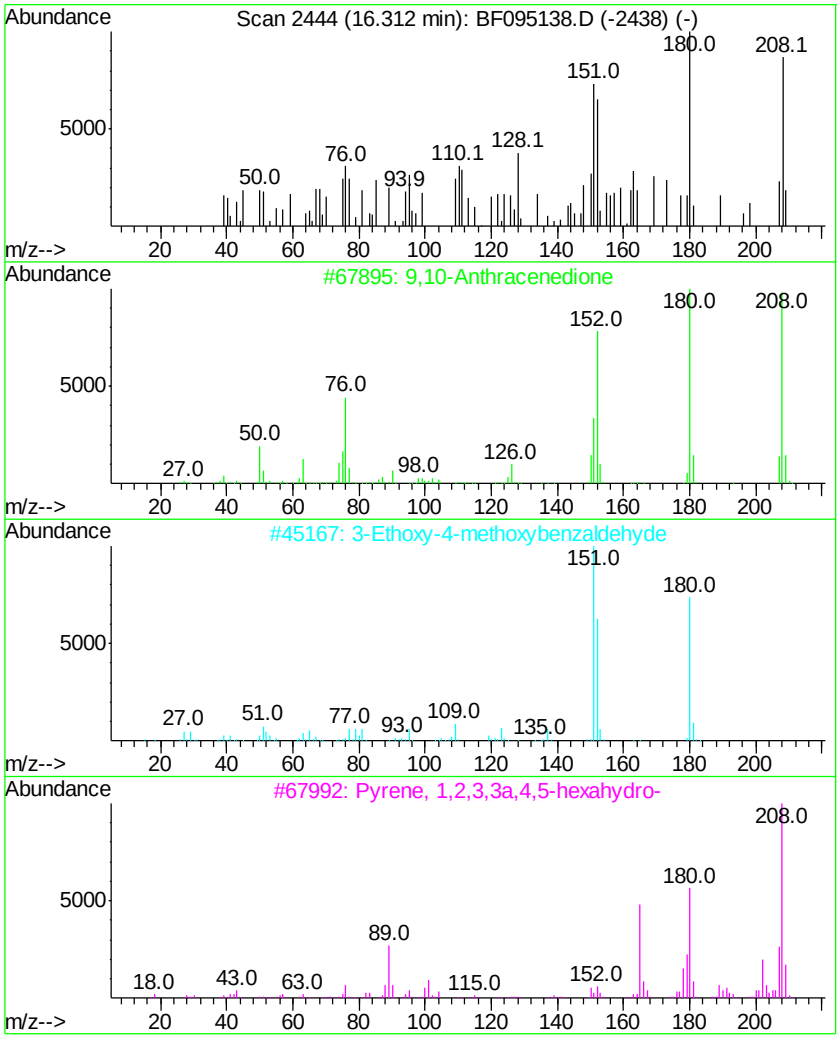
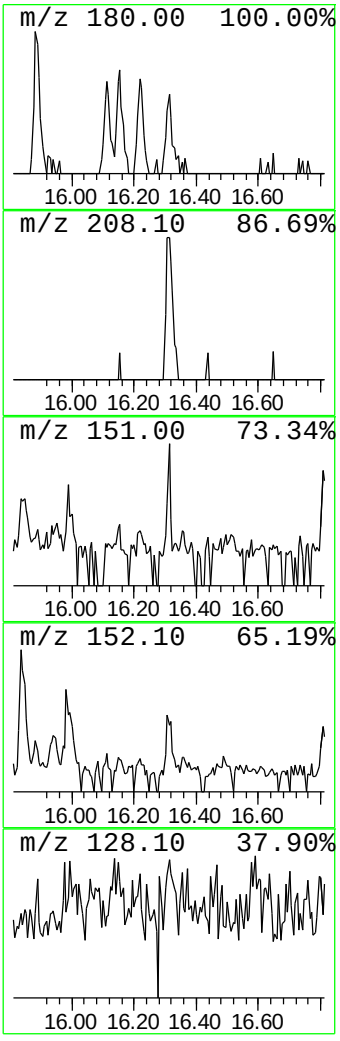
Peak Number 18 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	2.14 ng	59099	Phenanthrene-d10	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	55
2	3-Ethoxy-4-methoxybenzaldehyde	180	C10H12O3	001131-52-8	38
3	Pyrene, 1,2,3,3a,4,5-hexahydro-	208	C16H16	005385-37-5	25
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	25
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	25





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Sample : I3140-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
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TIC Library : C:\DATABASE\NIST11.L
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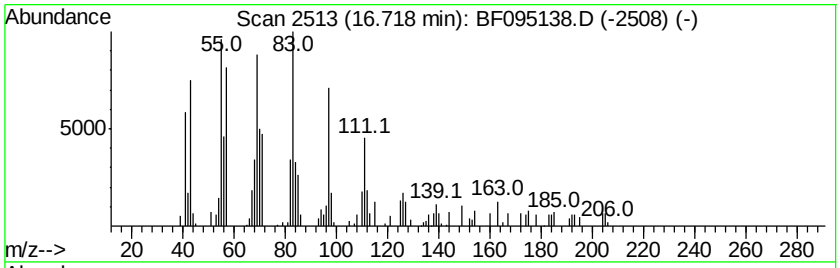
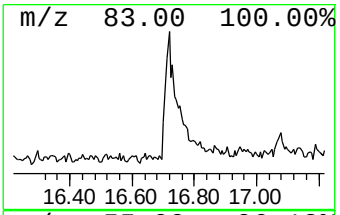
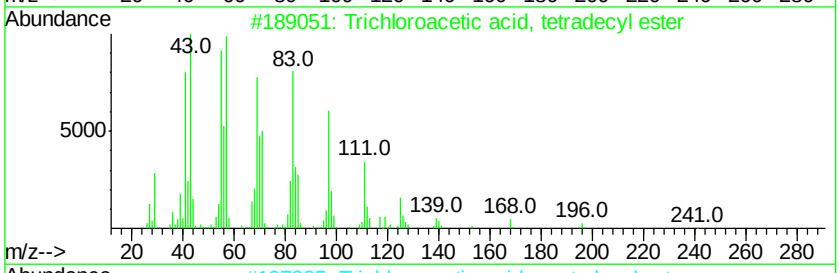
Peak Number 19 Trichloroacetic acid, tetra... Concentration Rank 6

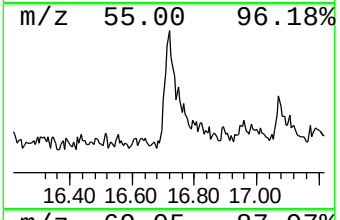
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	4.82 ng	132886	Phenanthrene-d10	15.03

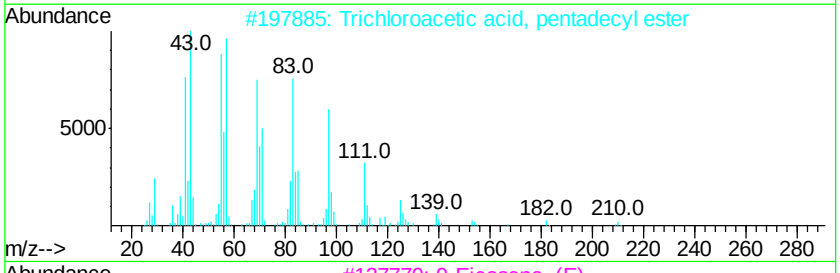
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	87
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	87
5	n-Pentadecanol	228	C15H32O	000629-76-5	83

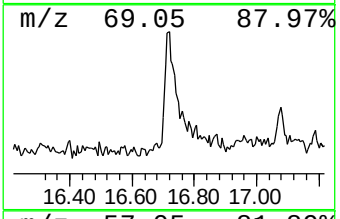


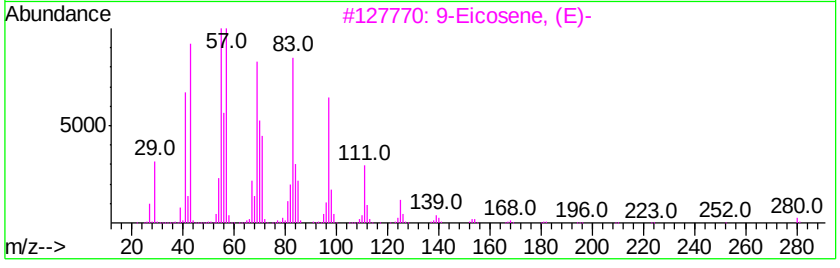


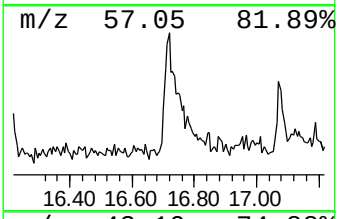


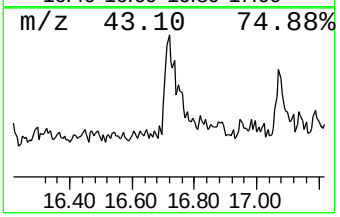












Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051517\
Data File : BF095138.D
Acq On : 15 May 2017 21:56
Operator : SJ/MA
Sample : I3140-02
Misc :
ALS Vial : 16 Sample Multiplier: 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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.12	4.0	ng	97929	1	7.78	489739	20.0
unknown7.44	7.44	85.0	ng	2080560	1	7.78	489739	20.0
2-Propanol, 1-(2-...	10.31	2.2	ng	74059	2	9.80	668790	20.0
Naphthalene, 1-me...	11.11	9.1	ng	305788	2	9.80	668790	20.0
Naphthalene, 2,3-...	11.98	2.5	ng	84267	3	12.62	668650	20.0
Naphthalene, 2,6-...	12.09	3.3	ng	110968	3	12.62	668650	20.0
Naphthalene, 1,6-...	12.14	2.2	ng	73530	3	12.62	668650	20.0
Naphthalene, 1-is...	12.78	2.6	ng	87959	3	12.62	668650	20.0
1(2H)-Acenaphthyl...	14.14	2.8	ng	78405	4	15.03	551427	20.0
unknown14.39	14.39	2.2	ng	60187	4	15.03	551427	20.0
unknown15.23	15.23	2.1	ng	57174	4	15.03	551427	20.0
unknown15.31	15.31	2.3	ng	63450	4	15.03	551427	20.0
Anthracene, 1-met...	15.85	2.3	ng	63071	4	15.03	551427	20.0
4H-Cyclopenta[def...	15.96	3.6	ng	99531	4	15.03	551427	20.0
unknown15.99	15.99	5.8	ng	160703	4	15.03	551427	20.0
9,10-Anthracenedione	16.31	2.1	ng	59099	4	15.03	551427	20.0
Trichloroacetic a...	16.72	4.8	ng	132886	4	15.03	551427	20.0