

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092917\
 Data File : BM011763.D
 Acq On : 29 Sep 2017 12:43
 Operator : SJ/JU
 Sample : I5505-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0AD5

Manual Integrations
 APPROVED

Sohil
 10/2/2017 5:40:55 PM

Quant Time: Sep 30 00:07:09 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 29 23:43:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	220466	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	959666	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	525617	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	1129778	20.00	ng/ul	0.00
75) Chrysene-d12	21.48	240	983944	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	825700	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	19963m	4.04	ng/uL	0.00
5) Phenol-d5	7.09	99	528817	24.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	380384	24.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	427908	26.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	416096	24.50	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	195010	26.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	212539	26.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	393720	25.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	487095	28.91	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	1167612	25.90	ng/ul	0.00
46) Acenaphthylene-d8	14.26	160	1424935	26.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	138945	18.03	ng/ul	0.00
57) Fluorene-d10	15.56	176	995326	25.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.68	200	95892	12.53	ng/ul	0.00
70) Anthracene-d10	17.41	188	1518037	26.40	ng/ul	0.00
76) Pyrene-d10	19.70	212	1668459	35.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	1042945	26.38	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.12	94	48427	2.208	ng/ul	93
28) Naphthalene	10.79	128	109145	2.176	ng/ul	99
44) Dimethylphthalate	14.02	163	432185	10.024	ng/ul#	98
47) Acenaphthylene	14.29	152	108772	1.989	ng/ul	100
49) Acenaphthene	14.63	153	310521	8.337	ng/ul	98
53) Dibenzofuran	14.97	168	178550	3.490	ng/ul	90
58) Fluorene	15.62	166	319099	7.367	ng/ul	96
69) Phenanthrene	17.36	178	4070777	64.379	ng/ul	98
71) Anthracene	17.44	178	1122875	17.235	ng/ul	98
72) Carbazole	17.72	167	314529	5.511	ng/ul	97
74) Fluoranthene	19.37	202	6756428	87.516	ng/ul#	91
77) Pyrene	19.73	202	5143662	87.723	ng/ul#	90
80) Benzo(a)anthracene	21.47	228	2177613	39.558	ng/ul	97
82) Chrysene	21.52	228	1875549	36.125	ng/ul	96
85) Benzo(b)fluoranthene	23.13	252	2069314	42.476	ng/ul#	97
86) Benzo(k)fluoranthene	23.17	252	805342m	16.204	ng/ul	
88) Benzo(a)pyrene	23.74	252	1529141	32.498	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.26	276	969772	19.795	ng/ul#	94
90) Dibenzo(a,h)anthracene	26.26	278	227447	5.543	ng/ul#	90
91) Benzo(g,h,i)perylene	27.01	276	859653	21.140	ng/ul#	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

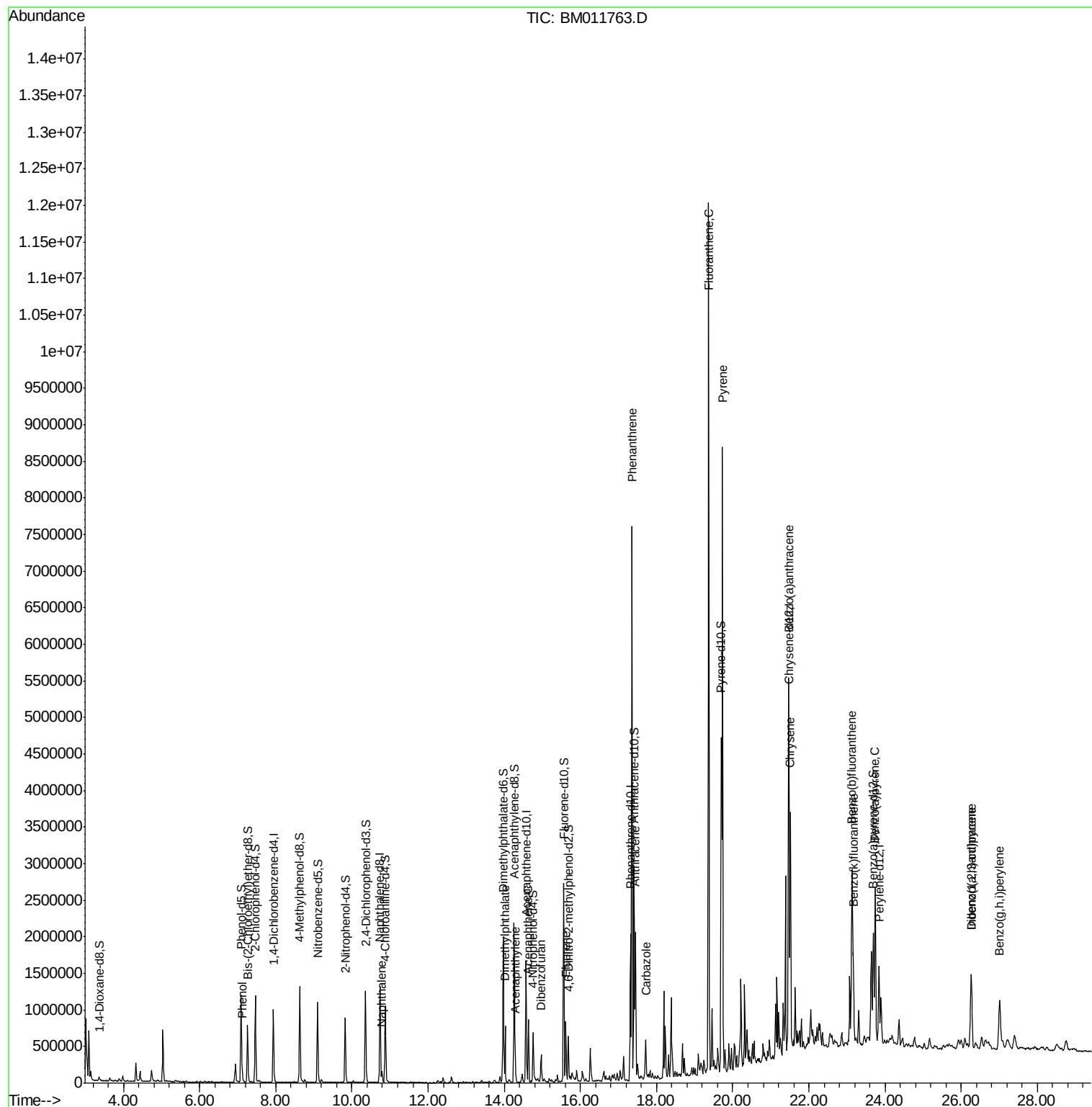
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092917\
Data File : BM011763.D
Acq On : 29 Sep 2017 12:43
Operator : SJ/JU
Sample : I5505-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

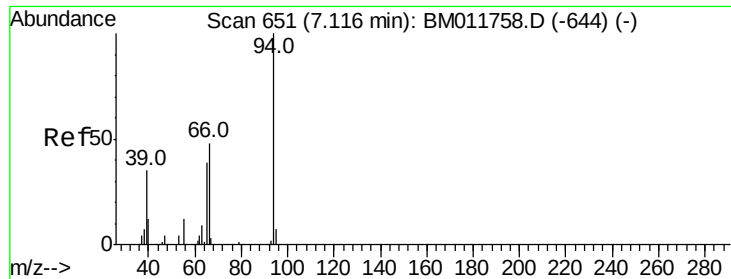
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Sep 30 00:07:09 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 29 23:43:48 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.208 ng/ul

RT: 7.12 min Scan# 702

Delta R.T. -0.00 min

Lab File: BM011763.D

Acq: 29 Sep 2017 12:43

Instrument :

BNA_M

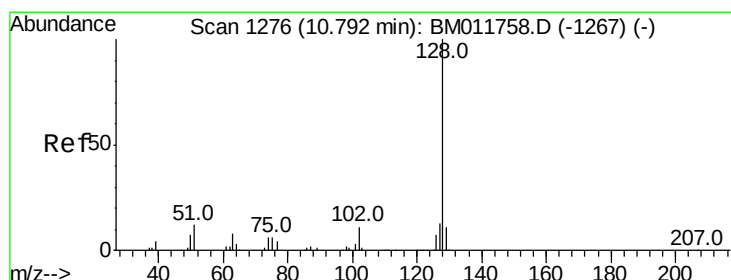
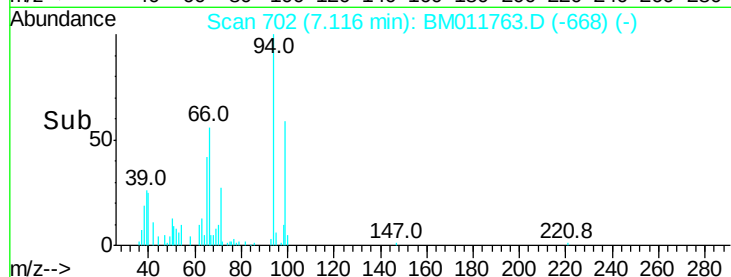
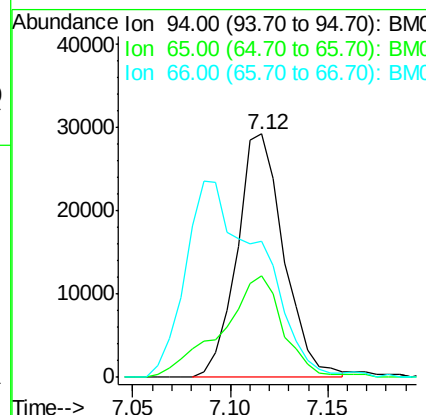
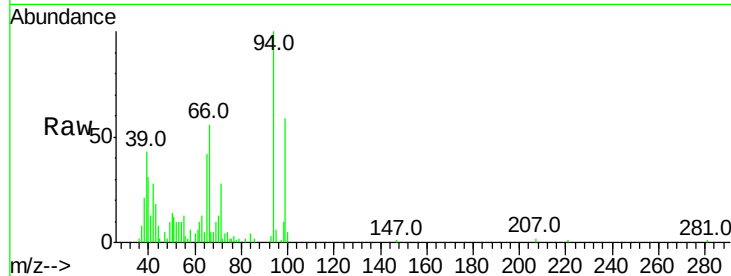
ClientSampled :

B0AD5

Tot Ion:	94	Resp:	48427
Ion Ratio	Lower	Upper	
94	100		
65	41.8	28.2	42.4
66	55.9	47.2	70.8

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#28

Naphthalene

Concen: 2.176 ng/ul

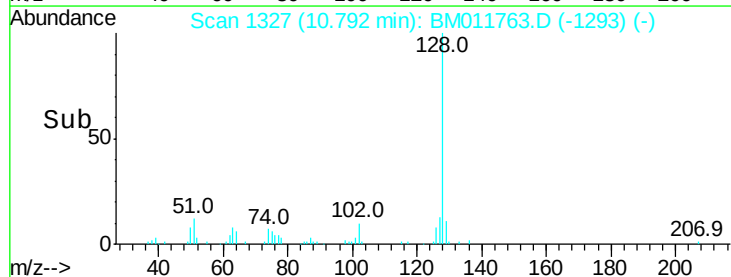
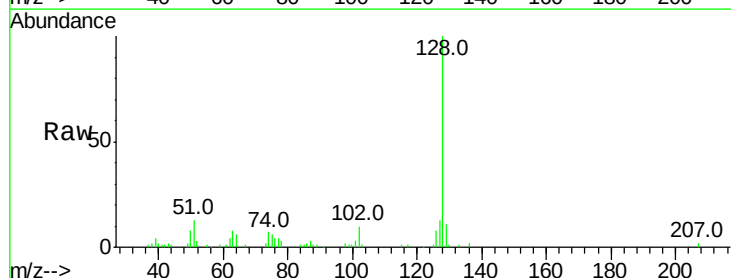
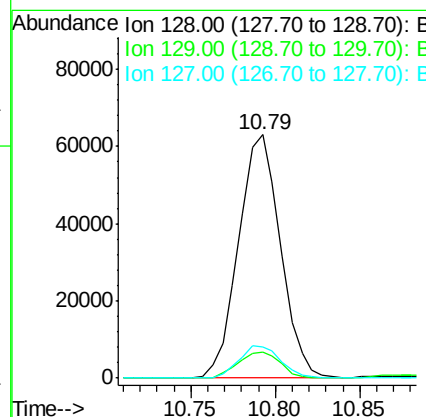
RT: 10.79 min Scan# 1327

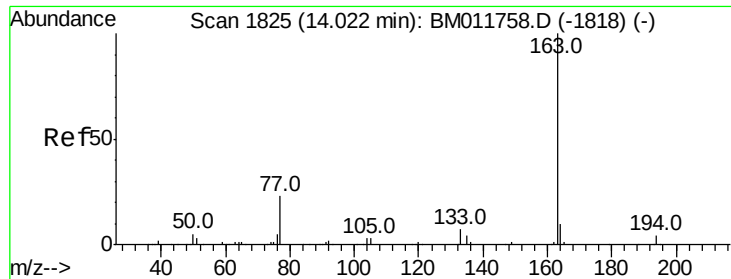
Delta R.T. -0.00 min

Lab File: BM011763.D

Acq: 29 Sep 2017 12:43

Tgt Ion:	128	Resp:	109145
Ion Ratio	Lower	Upper	
128	100		
129	10.6	8.8	13.2
127	12.6	10.6	16.0





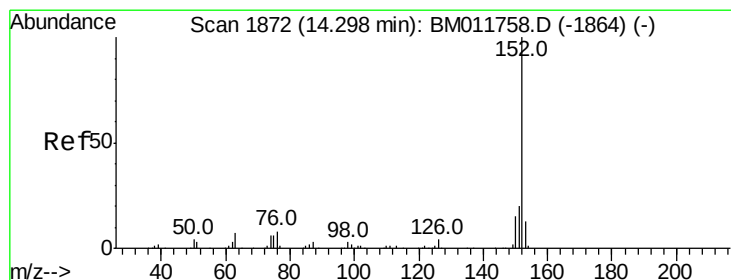
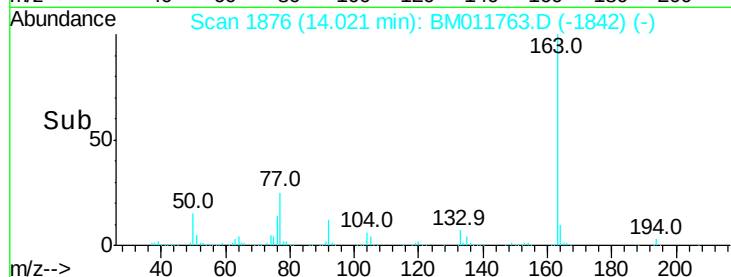
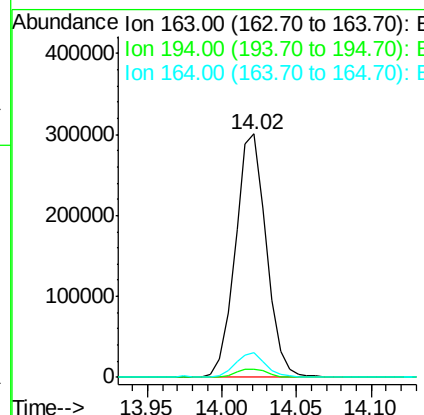
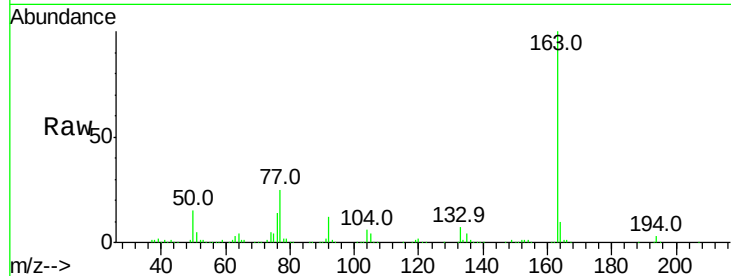
#44
Dimethylphthalate
Concen: 10.024 ng/ul
RT: 14.02 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BM011763.D
Acq: 29 Sep 2017 12:43

Instrument :
BNA_M
ClientSampleId :
B0AD5

Tot Ion	Ratio	Resp	Lower	Upper
163	100	432185		
194	3.3		3.5	5.3#
164	9.9		8.2	12.4

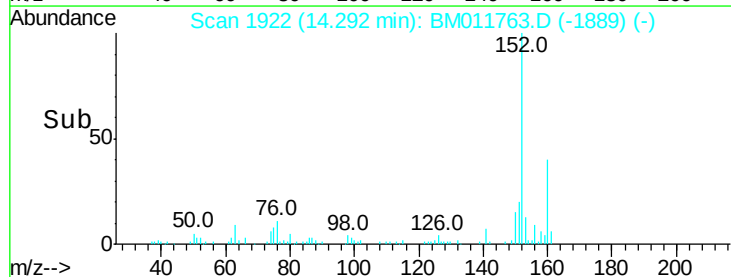
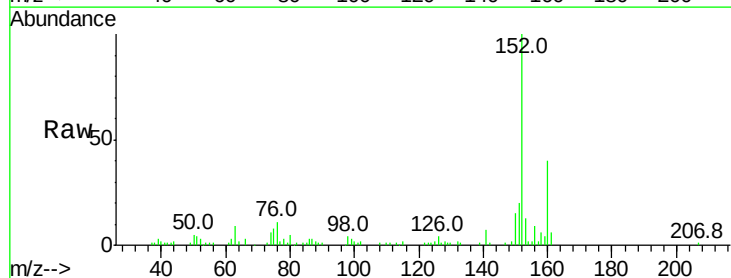
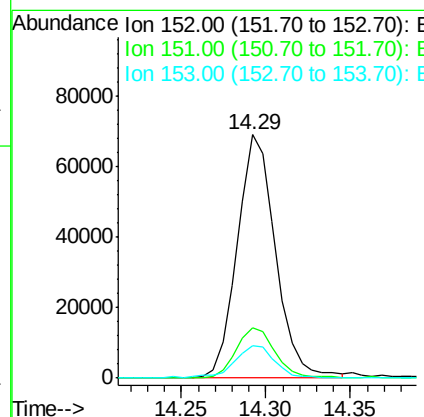
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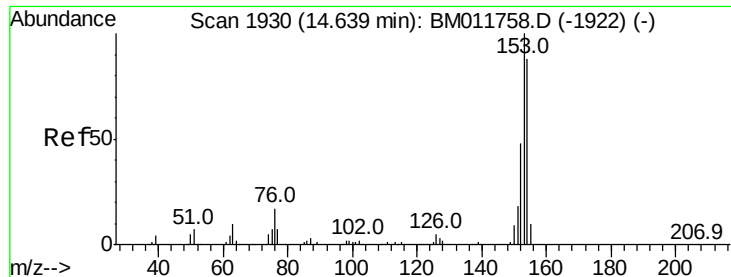
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#47
Acenaphthylene
Concen: 1.989 ng/ul
RT: 14.29 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BM011763.D
Acq: 29 Sep 2017 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	108772		
151	20.4		16.3	24.5
153	13.2		10.2	15.4





#49

Acenaphthene

Concen: 8.337 ng/ul

RT: 14.63 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BM011763.D

Acq: 29 Sep 2017 12:43

Instrument :

BNA_M

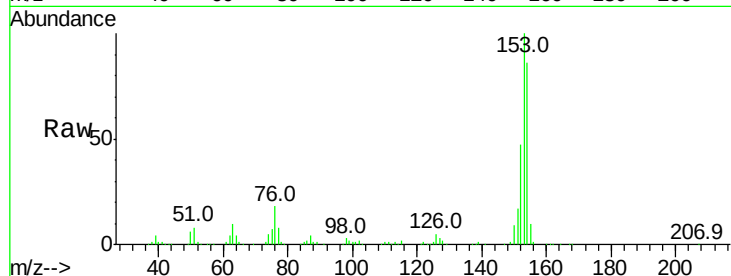
ClientSampleId :

B0AD5

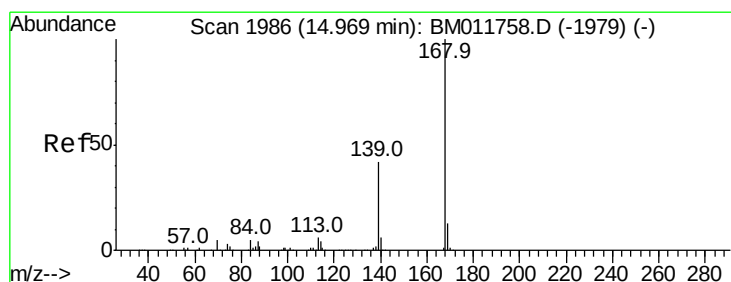
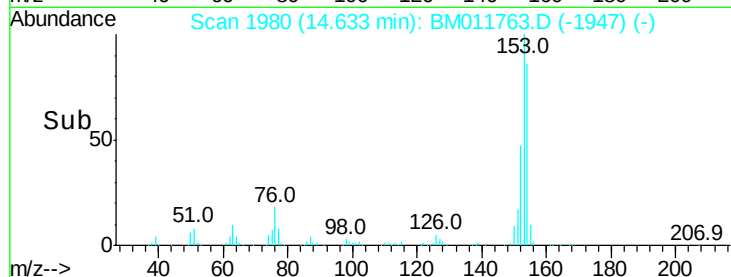
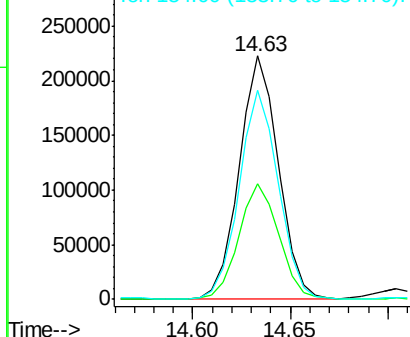
Tot Ion:	153	Resp:	310521
Ion Ratio	Lower	Upper	
153	100		
152	47.5	37.6	56.4
154	86.1	70.4	105.6

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 3.490 ng/ul

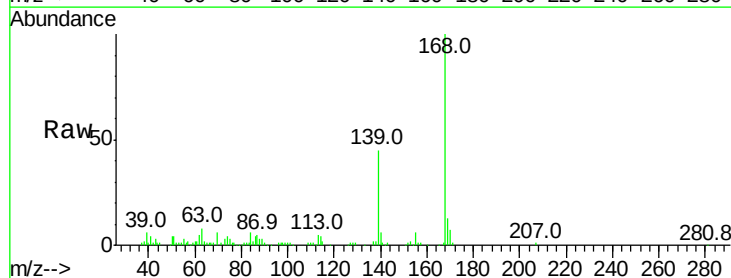
RT: 14.97 min Scan# 2037

Delta R.T. -0.00 min

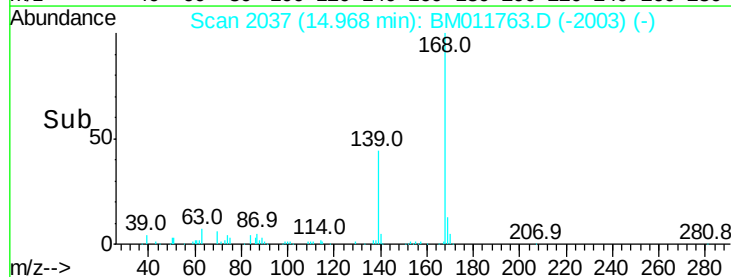
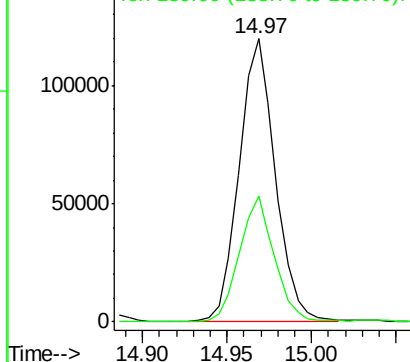
Lab File: BM011763.D

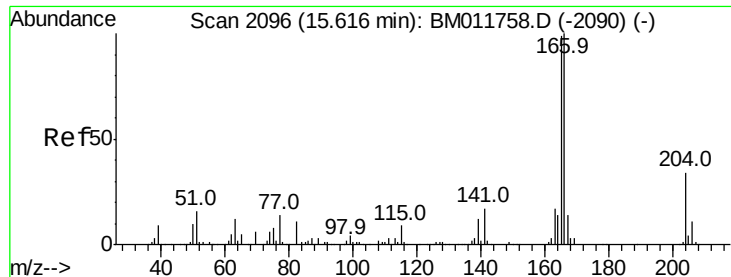
Acq: 29 Sep 2017 12:43

Tgt Ion:	168	Resp:	178550
Ion Ratio	Lower	Upper	
168	100		
139	44.6	30.8	46.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





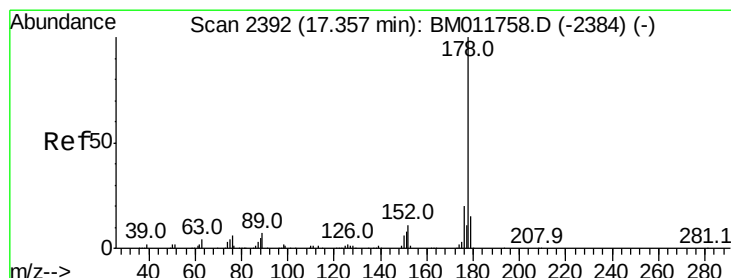
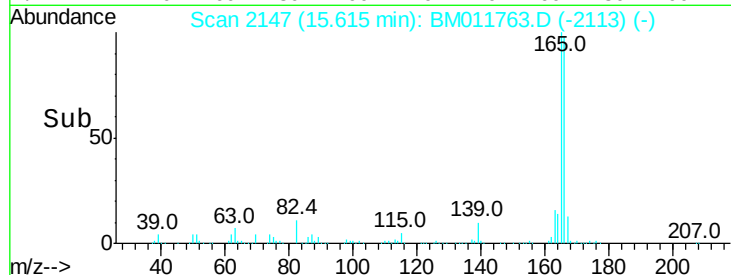
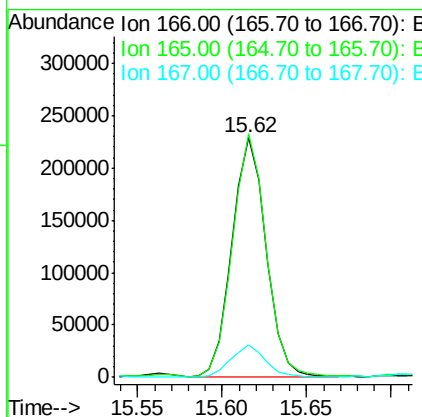
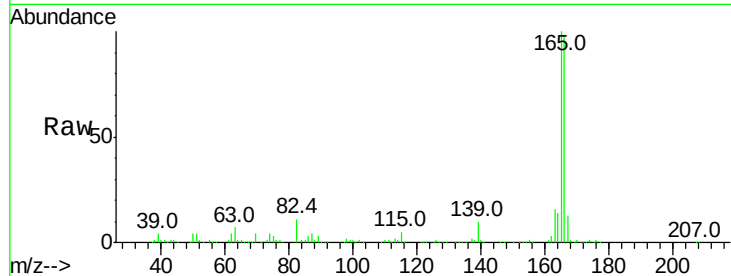
#58
Fluorene
 Concen: 7.367 ng/ul
 RT: 15.62 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: BM011763.D
 Acq: 29 Sep 2017 12:43

Instrument :
 BNA_M
 ClientSampleId :
 B0AD5

Tot Ion	Ratio	Resp	Lower	Upper
166	100	319099		
165	101.8	77.9	116.9	
167	13.5	10.6	16.0	

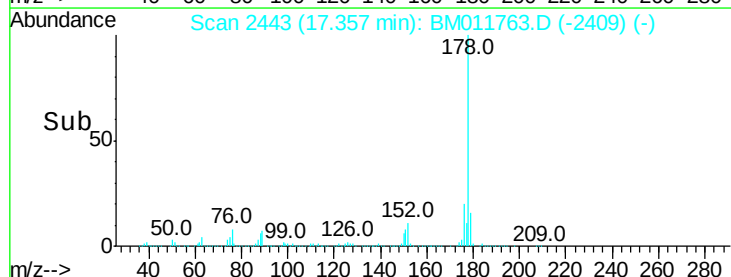
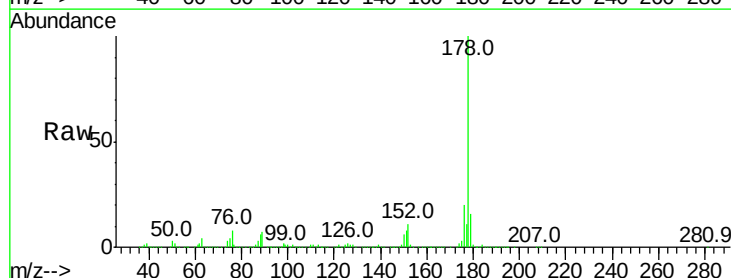
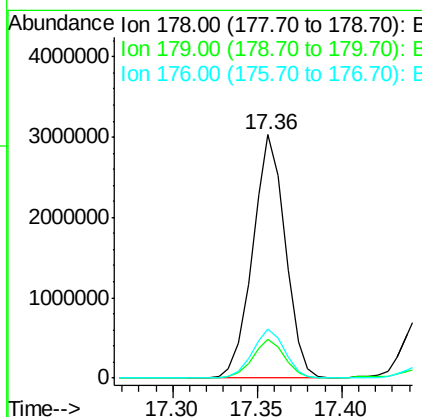
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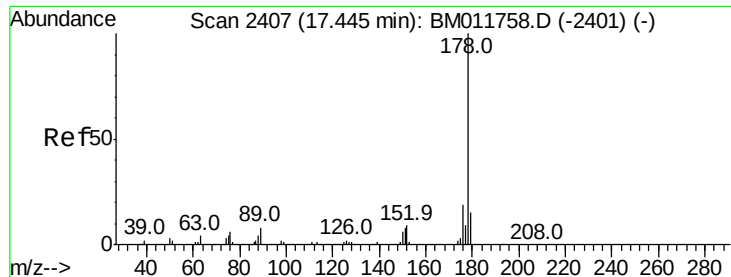
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#69
Phenanthrene
 Concen: 64.379 ng/ul
 RT: 17.36 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BM011763.D
 Acq: 29 Sep 2017 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	4070777		
179	15.8	12.6	19.0	
176	20.0	14.9	22.3	





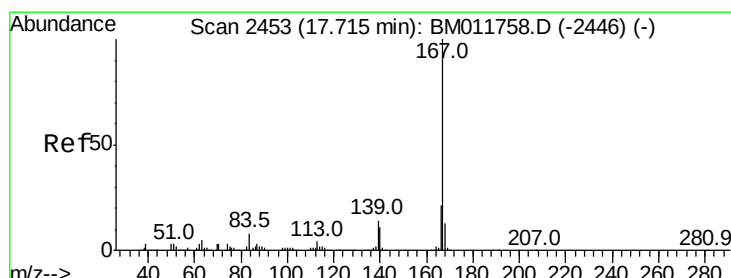
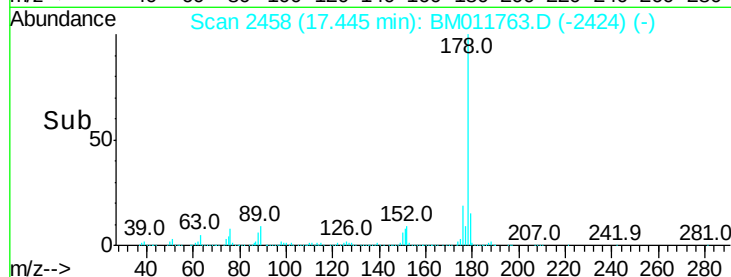
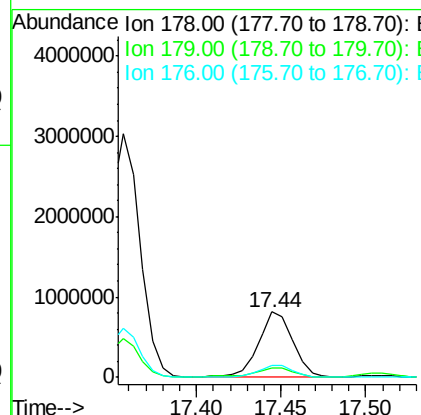
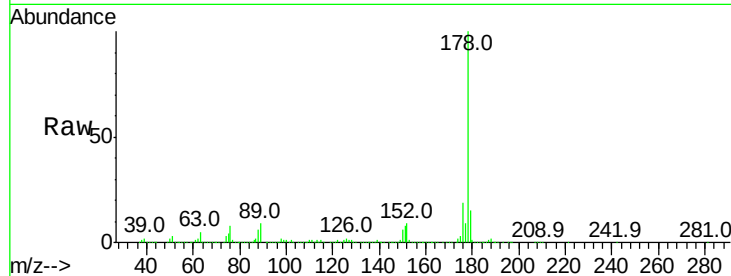
#71
 Anthracene
 Concen: 17.235 ng/ul
 RT: 17.44 min Scan# 2458
 Delta R.T. -0.00 min
 Lab File: BM011763.D
 Acq: 29 Sep 2017 12:43

Instrument :
 BNA_M
 ClientSampled :
 B0AD5

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.7	17.5
176	19.1	14.6	21.8

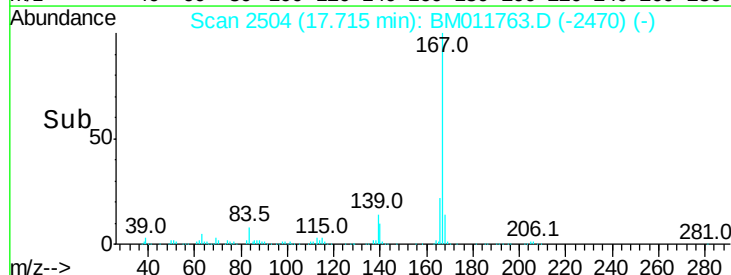
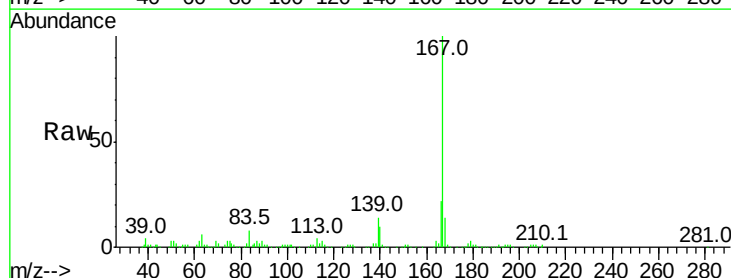
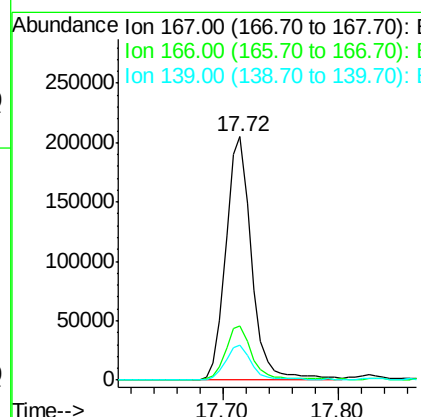
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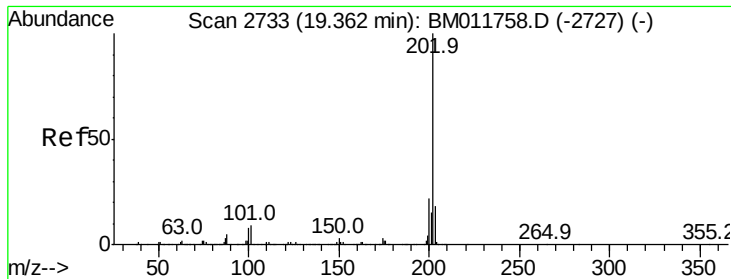
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#72
 Carbazole
 Concen: 5.511 ng/ul
 RT: 17.72 min Scan# 2504
 Delta R.T. -0.00 min
 Lab File: BM011763.D
 Acq: 29 Sep 2017 12:43

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.1	25.7
139	14.3	10.0	15.0





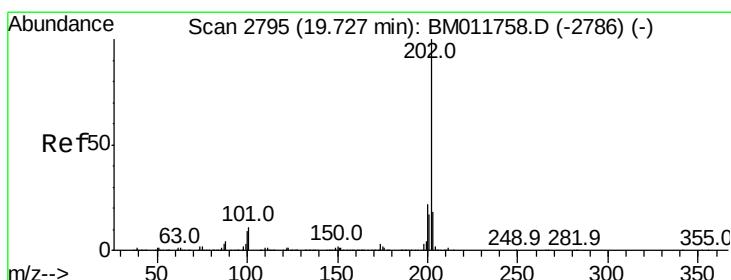
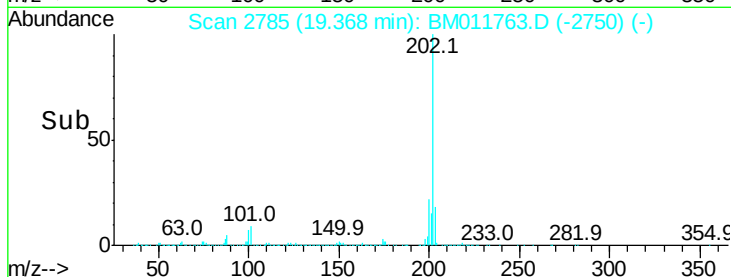
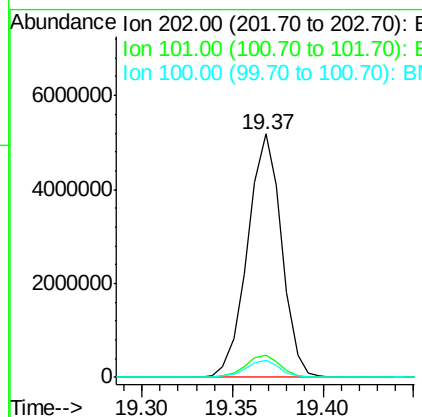
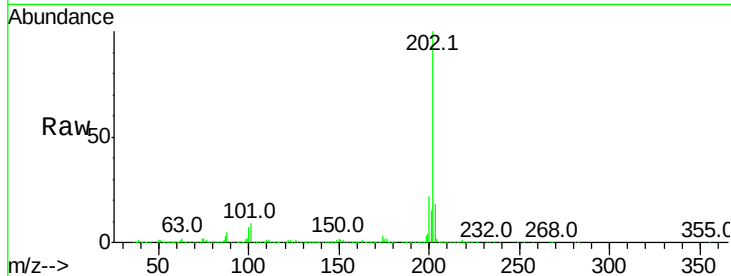
#74
 Fluoranthene
 Concen: 87.516 ng/ul
 RT: 19.37 min Scan# 2785
 Delta R.T. 0.01 min
 Lab File: BM011763.D
 Acq: 29 Sep 2017 12:43

Instrument :
 BNA_M
 ClientSampleId :
 B0AD5

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.2	4.6	7.0#
100	6.9	3.4	5.2#

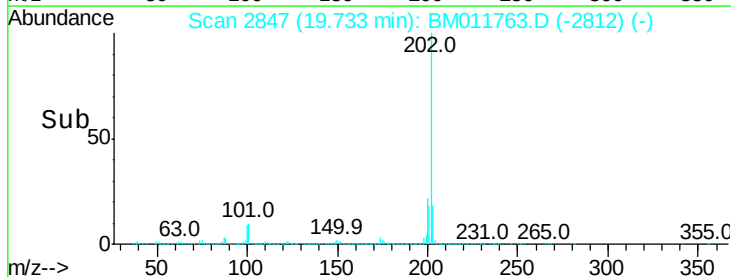
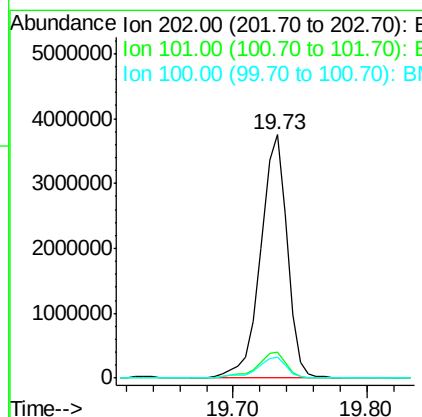
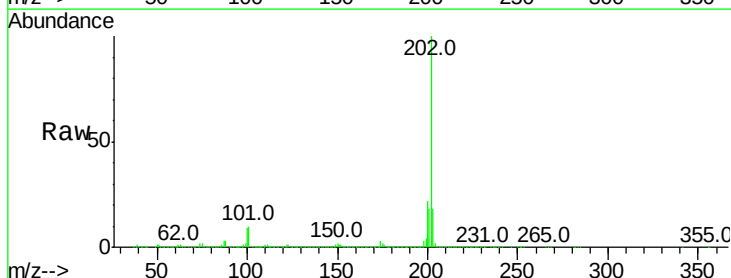
Manual Integrations
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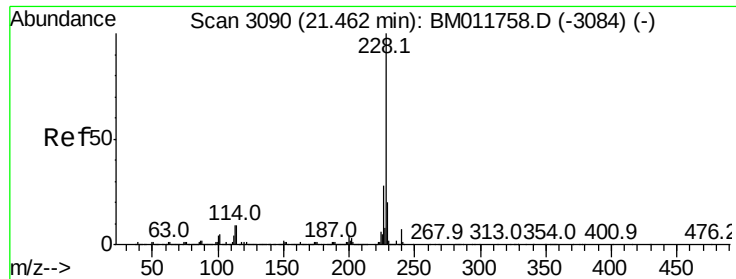
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#77
 Pyrene
 Concen: 87.723 ng/ul
 RT: 19.73 min Scan# 2847
 Delta R.T. 0.01 min
 Lab File: BM011763.D
 Acq: 29 Sep 2017 12:43

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	5.1	7.7#
100	8.7	4.9	7.3#





#80

Benzo(a)anthracene

Concen: 39.558 ng/ul

RT: 21.47 min Scan# 3142

Delta R.T. 0.01 min

Lab File: BM011763.D

Acq: 29 Sep 2017 12:43

Instrument :

BNA_M

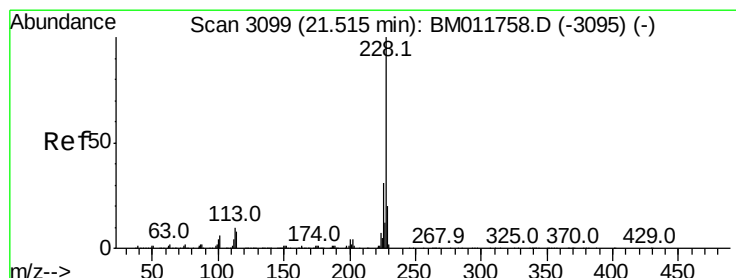
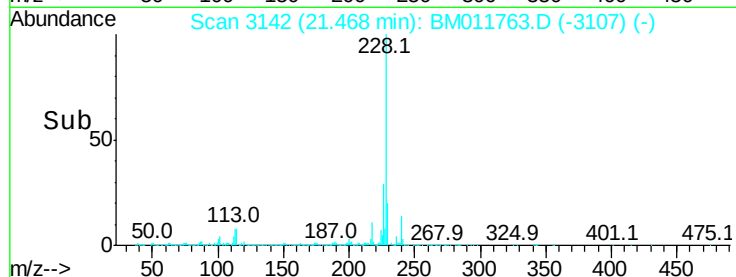
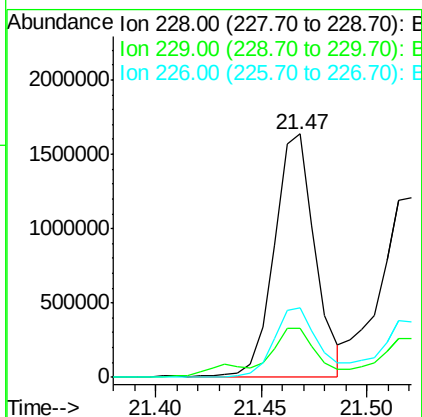
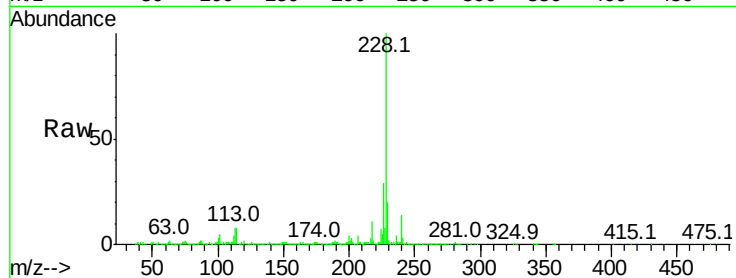
ClientSampled :

B0AD5

Tot Ion:	228	Resp:	2177613
Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.4	23.0
226	28.6	21.4	32.0

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#82

Chrysene

Concen: 36.125 ng/ul

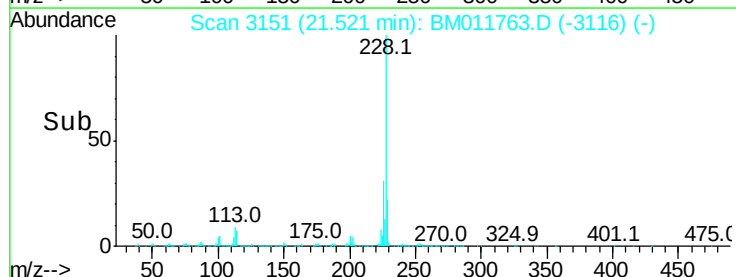
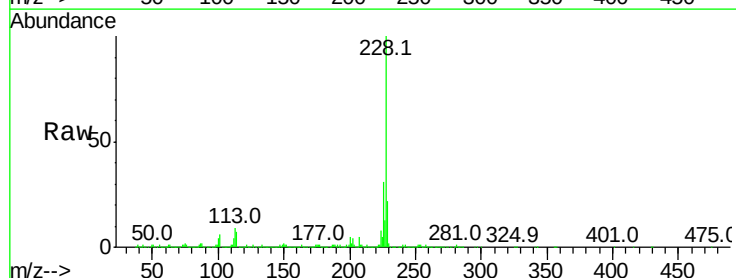
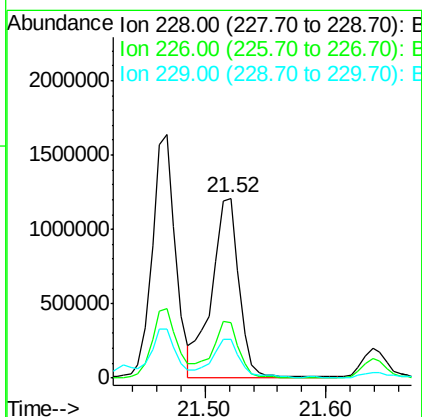
RT: 21.52 min Scan# 3151

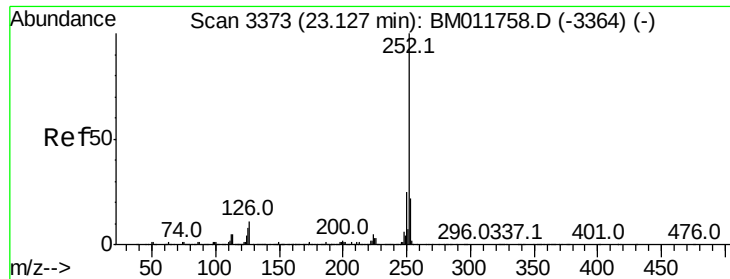
Delta R.T. 0.01 min

Lab File: BM011763.D

Acq: 29 Sep 2017 12:43

Tgt Ion:	228	Resp:	1875549
Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.4	35.2
229	21.9	15.5	23.3





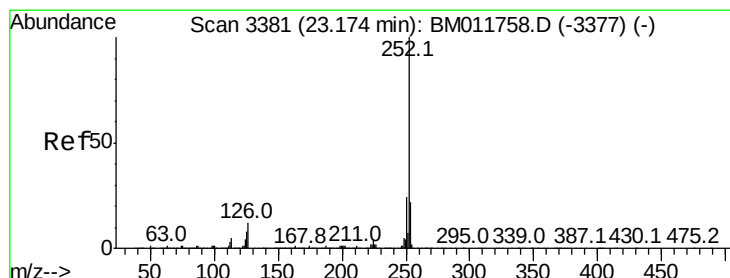
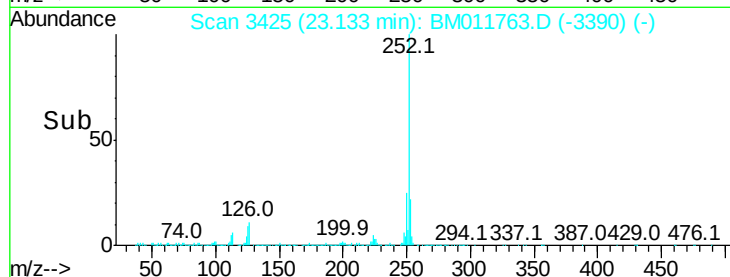
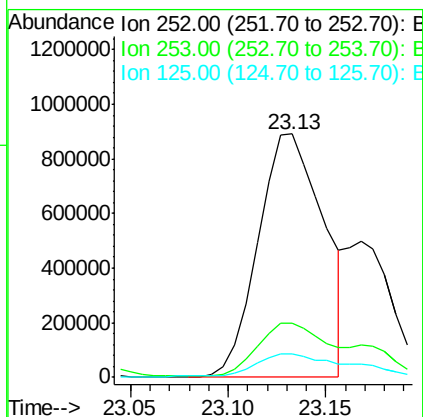
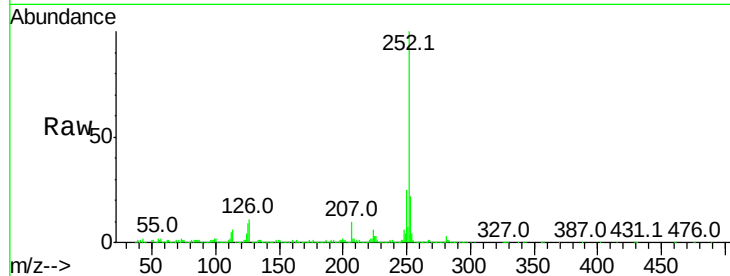
#85
Benzo(b)fluoranthene
Concen: 42.476 ng/ul
RT: 23.13 min Scan# 3425
Delta R.T. 0.01 min
Lab File: BM011763.D
Acq: 29 Sep 2017 12:43

Instrument :
BNA_M
ClientSampled :
B0AD5

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	9.4	3.6	5.4#

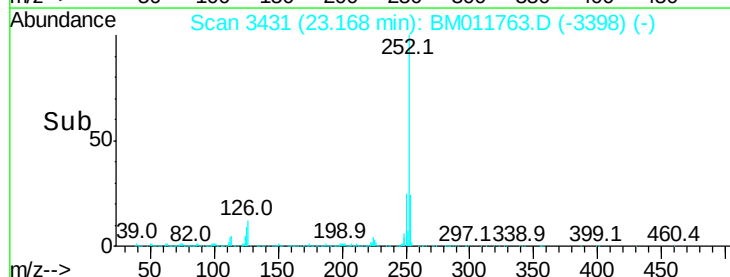
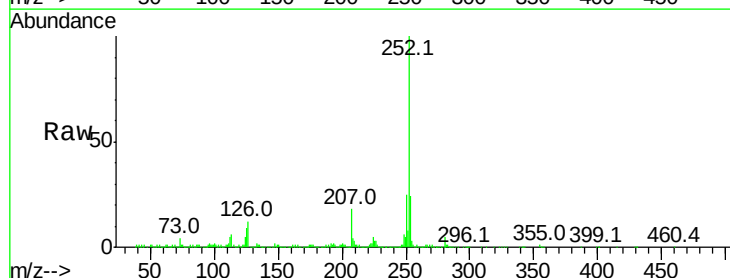
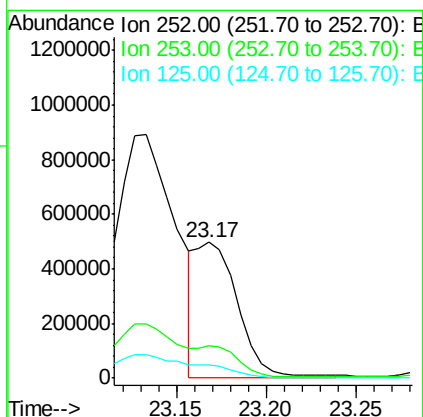
Manual Integrations
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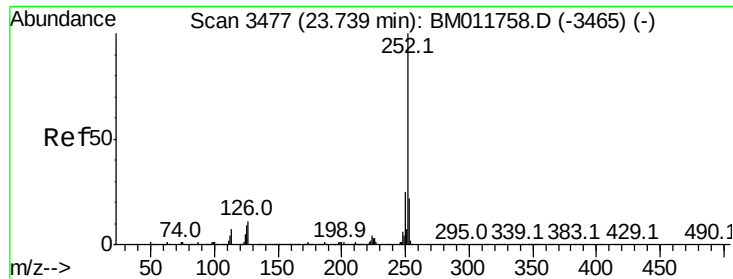
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#86
Benzo(k)fluoranthene
Concen: 16.204 ng/ul m
RT: 23.17 min Scan# 3431
Delta R.T. -0.01 min
Lab File: BM011763.D
Acq: 29 Sep 2017 12:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	9.4	3.4	5.2#





#88

Benzo(a)pyrene

Concen: 32.498 ng/ul

RT: 23.74 min Scan# 3529

Delta R.T. 0.01 min

Lab File: BM011763.D

Acq: 29 Sep 2017 12:43

Instrument :

BNA_M

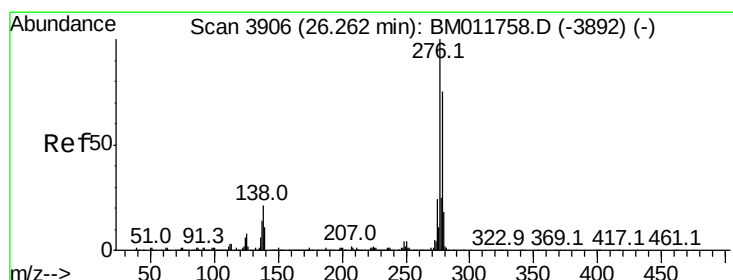
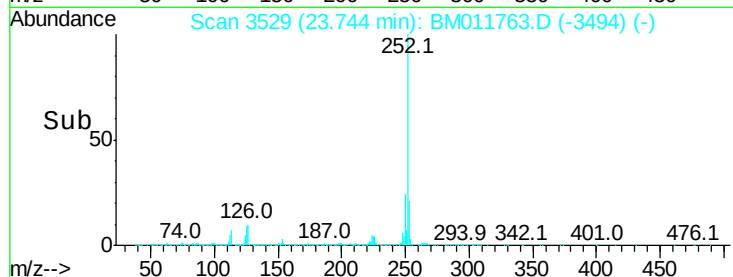
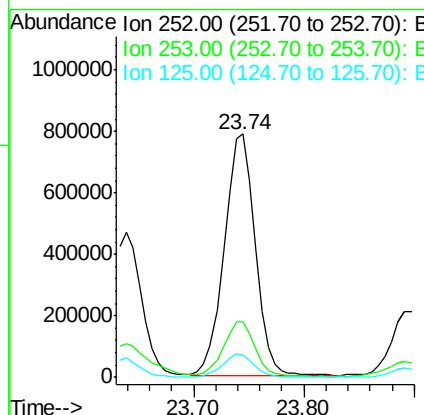
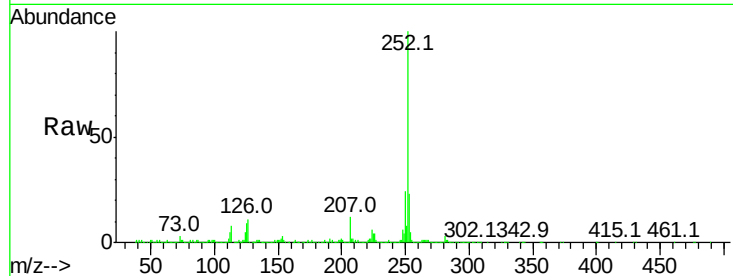
ClientSampleId :

B0AD5

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	9.0	4.0	6.0

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#89

Indeno(1,2,3-cd)pyrene

Concen: 19.795 ng/ul

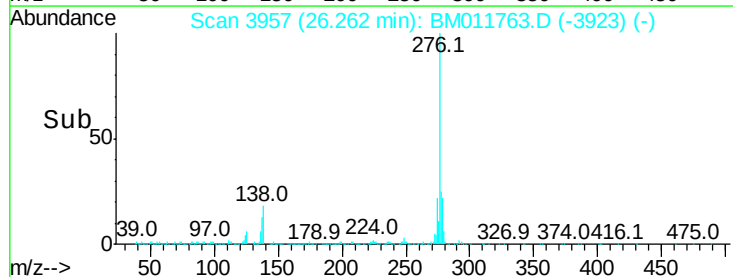
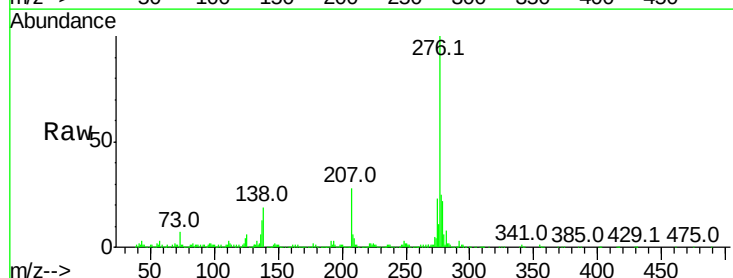
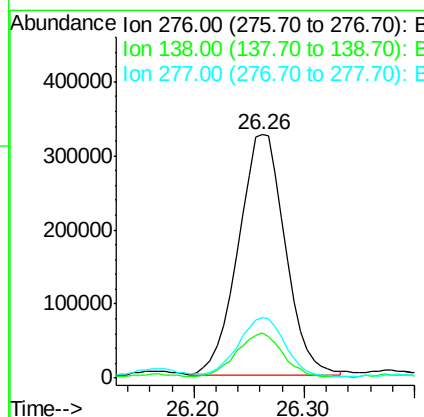
RT: 26.26 min Scan# 3957

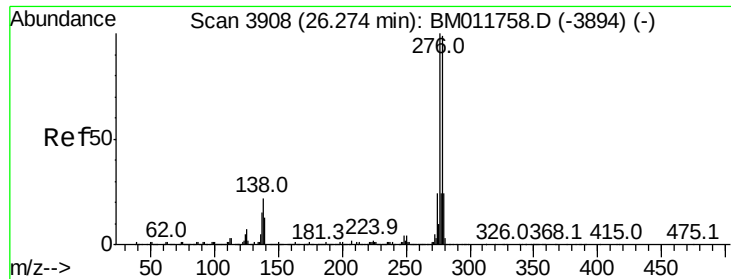
Delta R.T. -0.00 min

Lab File: BM011763.D

Acq: 29 Sep 2017 12:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.8	9.3	13.9
277	25.1	19.9	29.9





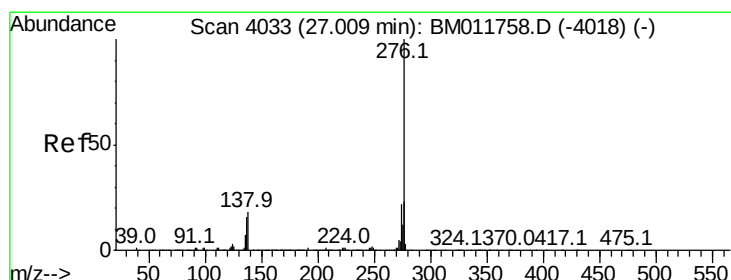
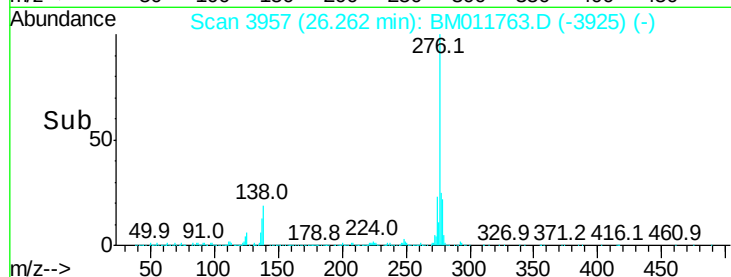
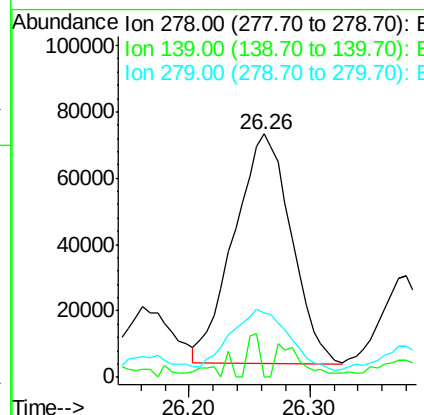
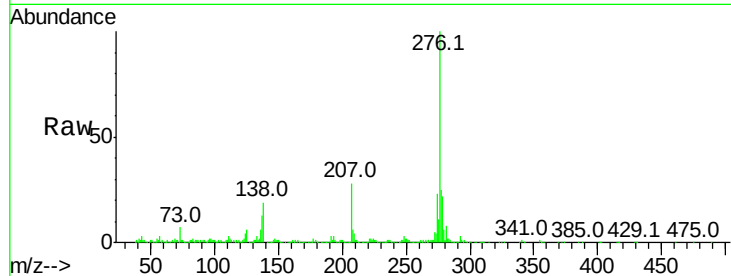
#90
Dibenzo(a,h)anthracene
Concen: 5.543 ng/ul
RT: 26.26 min Scan# 3957
Delta R.T. -0.01 min
Lab File: BM011763.D
Acq: 29 Sep 2017 12:43

Instrument :
BNA_M
ClientSampled :
B0AD5

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	26.7	18.6	27.8

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#91
Benzo(g,h,i)perylene
Concen: 21.140 ng/ul
RT: 27.01 min Scan# 4084
Delta R.T. -0.00 min
Lab File: BM011763.D
Acq: 29 Sep 2017 12:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.0	8.5	12.7#
277	24.5	18.6	28.0

