

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092917\
 Data File : BM011765.D
 Acq On : 29 Sep 2017 13:58
 Operator : SJ/JU
 Sample : I5505-02DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0AD5DL

Manual Integrations
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Quant Time: Sep 30 00:17:49 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	213861	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	942881	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	520958	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	1122787	20.00	ng/ul	0.00
75) Chrysene-d12	21.48	240	932298	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	763668	20.00	ng/ul	0.00

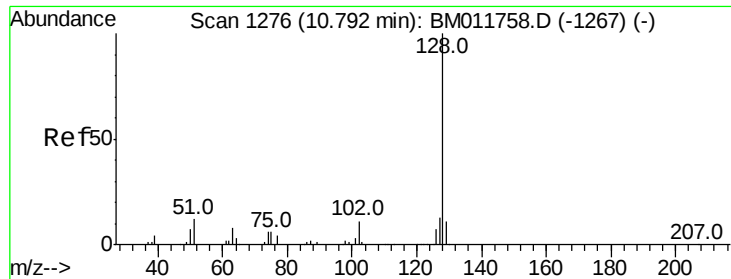
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	9798	2.04	ng/uL	0.00
5) Phenol-d5	7.09	99	238536	11.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	176255	11.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	194540	12.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	188365	11.43	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	88174m	11.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	97218	12.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	179311	11.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	222204	13.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	560958	12.55	ng/ul	0.00
46) Acenaphthylene-d8	14.26	160	664465	12.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	56213m	7.36	ng/ul	0.00
57) Fluorene-d10	15.56	176	464043	12.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.68	200	41181	5.41	ng/ul	0.00
70) Anthracene-d10	17.41	188	721425	12.63	ng/ul	0.00
76) Pyrene-d10	19.70	212	758321	17.04	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	472386	12.92	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.79	128	52062	1.056	ng/ul	99
44) Dimethylphthalate	14.02	163	205921	4.819	ng/ul	98
49) Acenaphthene	14.63	153	149523	4.050	ng/ul	98
53) Dibenzofuran	14.97	168	85933	1.695	ng/ul	96
58) Fluorene	15.62	166	151481	3.528	ng/ul	94
69) Phenanthrene	17.36	178	1870968	29.773	ng/ul	98
71) Anthracene	17.44	178	519528	8.024	ng/ul	98
72) Carbazole	17.72	167	142710	2.516	ng/ul#	95
74) Fluoranthene	19.36	202	3060805	39.893	ng/ul#	90
77) Pyrene	19.73	202	2324823	41.845	ng/ul#	90
80) Benzo(a)anthracene	21.46	228	991383	19.007	ng/ul	97
82) Chrysene	21.52	228	853262	17.345	ng/ul	96
85) Benzo(b)fluoranthene	23.13	252	973065	21.596	ng/ul#	96
86) Benzo(k)fluoranthene	23.17	252	335622m	7.302	ng/ul	
88) Benzo(a)pyrene	23.74	252	673174	15.469	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.26	276	426285	9.408	ng/ul#	94
90) Dibenzo(a,h)anthracene	26.26	278	98365	2.592	ng/ul#	89
91) Benzo(g,h,i)perylene	27.00	276	385986	10.263	ng/ul#	92

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



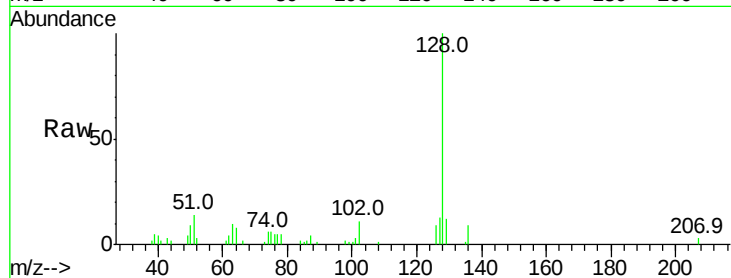
#28
Naphthalene
Concen: 1.056 ng/ul
RT: 10.79 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BM011765.D
Acq: 29 Sep 2017 13:58

Instrument :
BNA_M
ClientSampleId :
B0AD5DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.8	13.2
127	13.4	10.6	16.0

Manual Integrations
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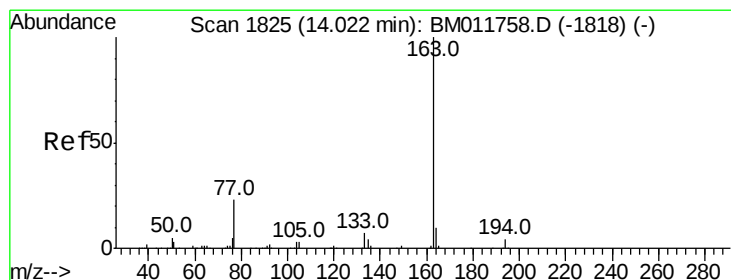
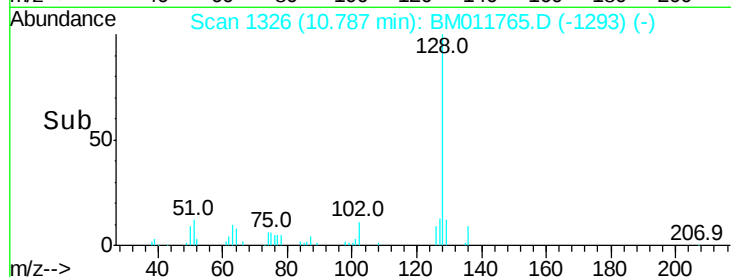
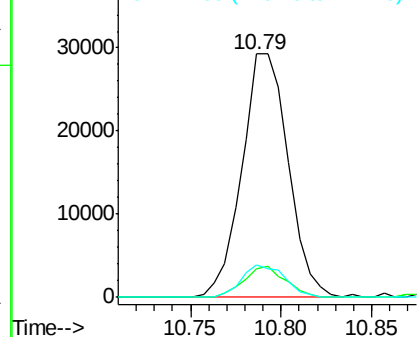


Abundance

Ion 128.00 (127.70 to 128.70): E

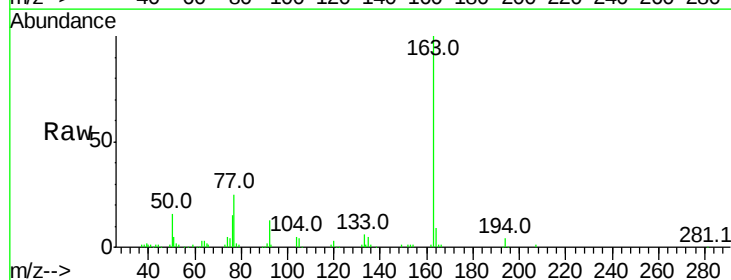
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#44
Dimethylphthalate
Concen: 4.819 ng/ul
RT: 14.02 min Scan# 1876
Delta R.T. 0.00 min
Lab File: BM011765.D
Acq: 29 Sep 2017 13:58

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.5	5.3
164	9.5	8.2	12.4

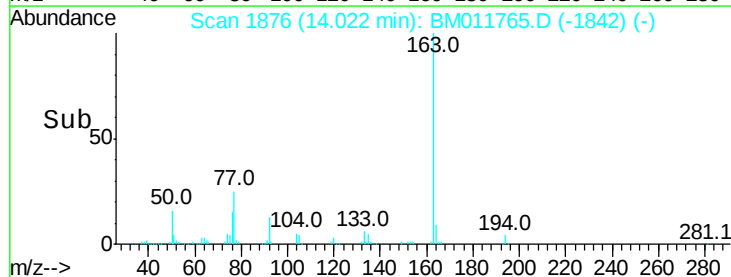
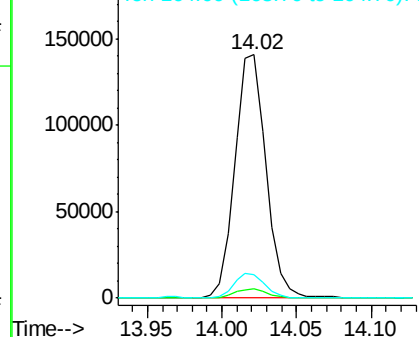


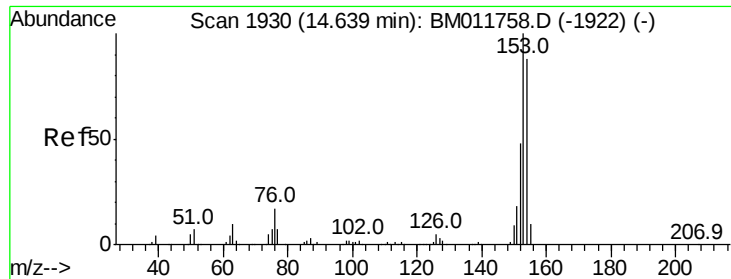
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





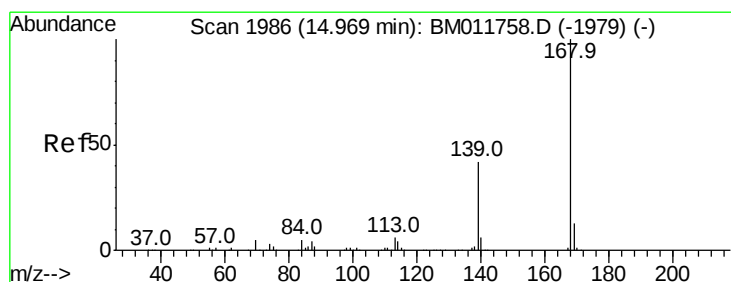
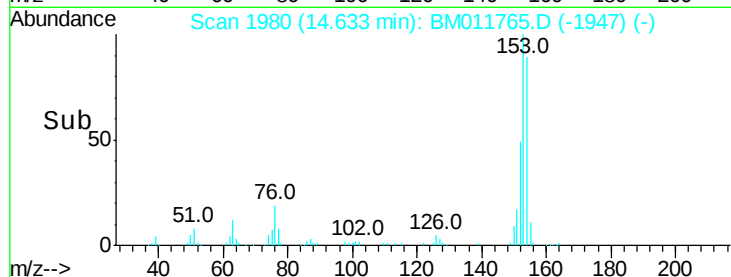
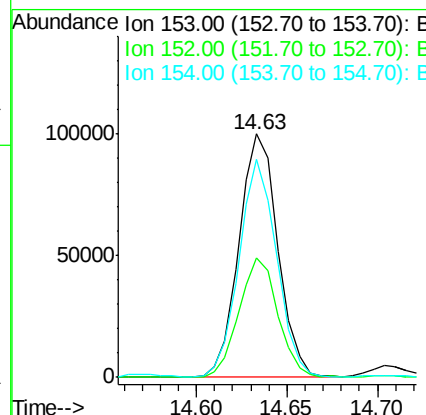
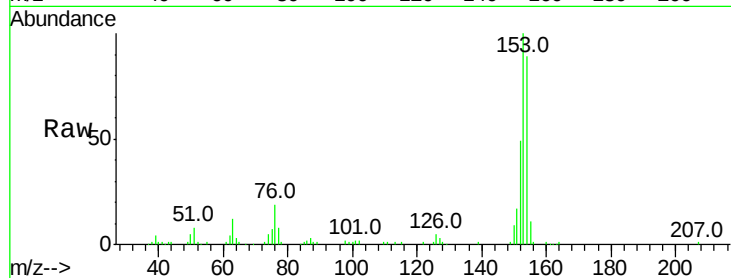
#49
Acenaphthene
Concen: 4.050 ng/ul
RT: 14.63 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BM011765.D
Acq: 29 Sep 2017 13:58

Instrument :
BNA_M
ClientSampled :
B0AD5DL

Tot Ion	Ratio	Lower	Upper
153	100		
152	49.2	37.6	56.4
154	89.3	70.4	105.6

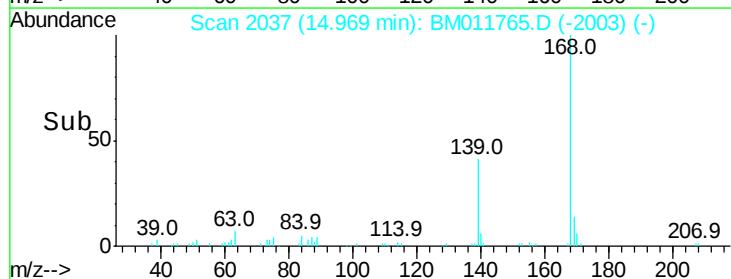
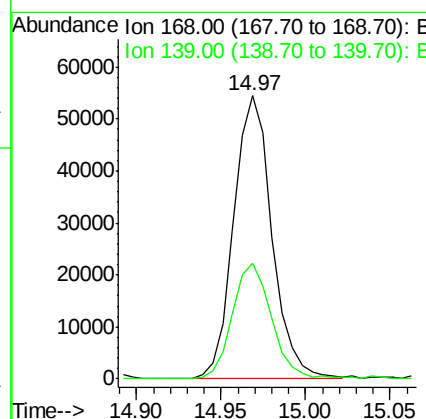
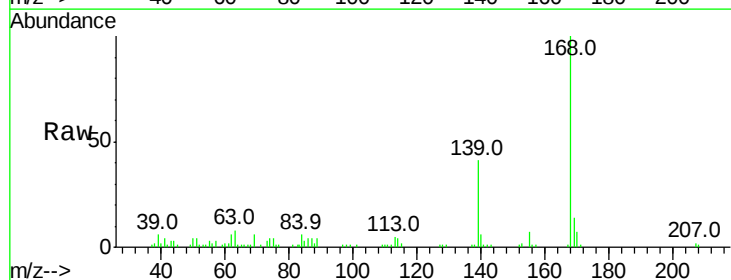
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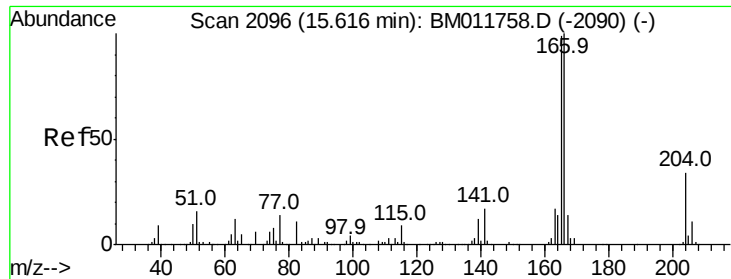
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#53
Dibenzofuran
Concen: 1.695 ng/ul
RT: 14.97 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BM011765.D
Acq: 29 Sep 2017 13:58

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.1	30.8	46.2





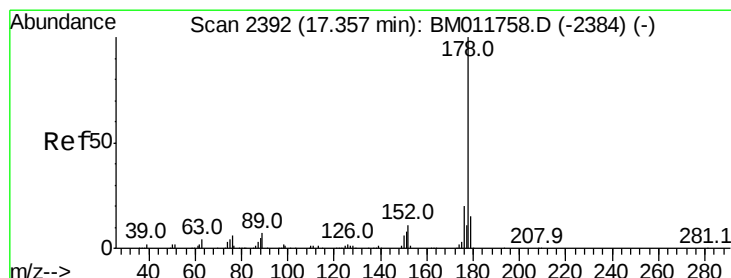
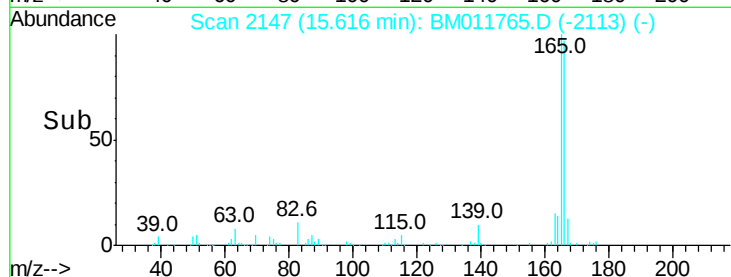
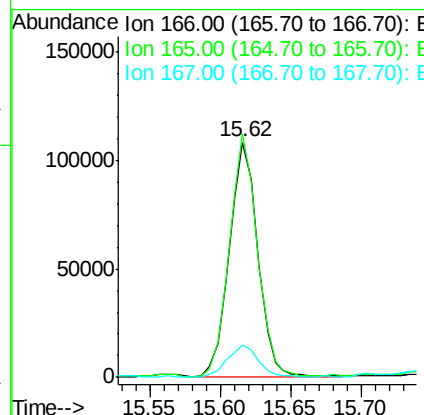
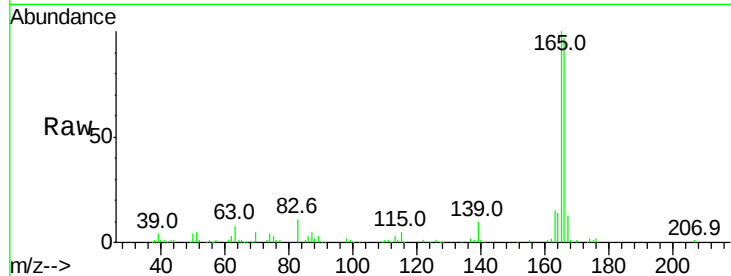
#58
Fluorene
 Concen: 3.528 ng/ul
 RT: 15.62 min Scan# 2147
 Delta R.T. 0.00 min
 Lab File: BM011765.D
 Acq: 29 Sep 2017 13:58

Instrument :
 BNA_M
 ClientSampleId :
 B0AD5DL

Tot Ion	Ratio	Resp	Lower	Upper
166	100	151481		
165	103.6	77.9	116.9	
167	14.0	10.6	16.0	

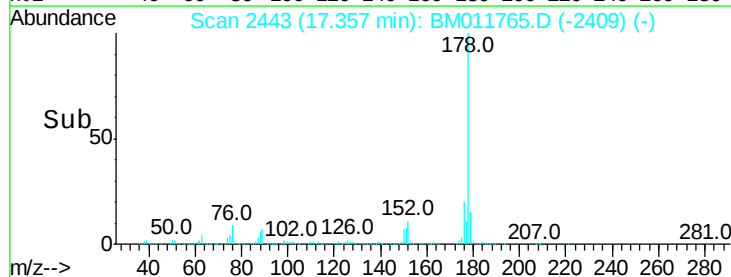
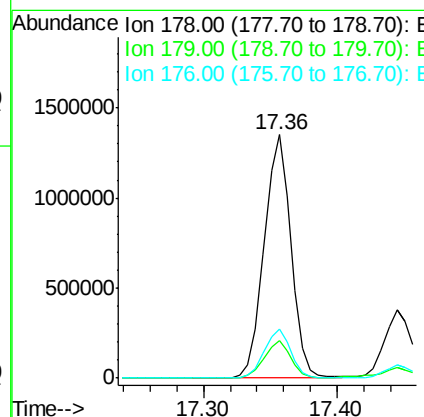
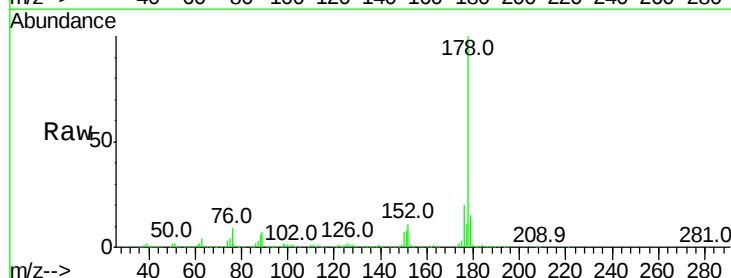
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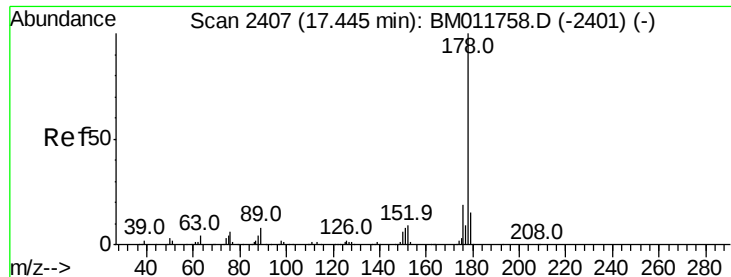
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#69
Phenanthrene
 Concen: 29.773 ng/ul
 RT: 17.36 min Scan# 2443
 Delta R.T. 0.00 min
 Lab File: BM011765.D
 Acq: 29 Sep 2017 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1870968		
179	15.3	12.6	19.0	
176	20.0	14.9	22.3	





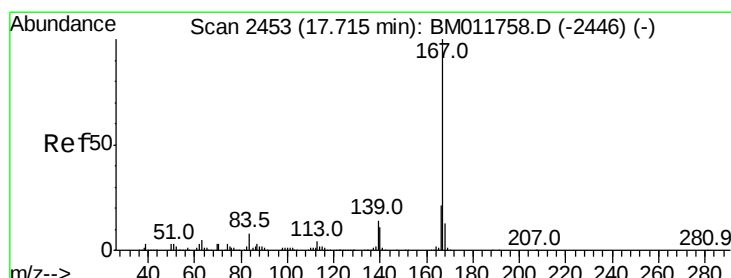
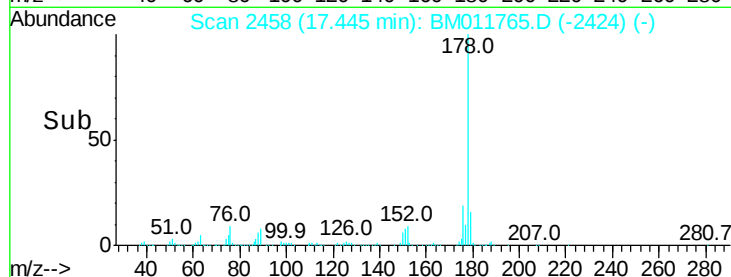
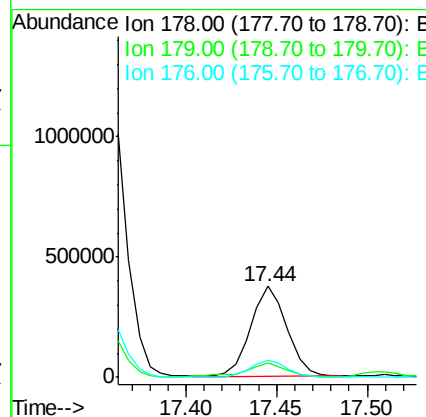
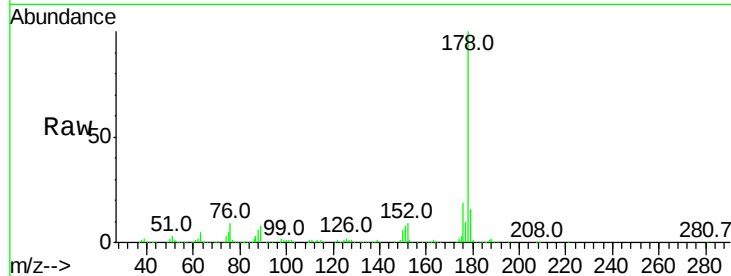
#71
 Anthracene
 Concen: 8.024 ng/ul
 RT: 17.44 min Scan# 2458
 Delta R.T. 0.00 min
 Lab File: BM011765.D
 Acq: 29 Sep 2017 13:58

Instrument :
 BNA_M
 ClientSampleId :
 B0AD5DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.9	11.7	17.5
176	18.5	14.6	21.8

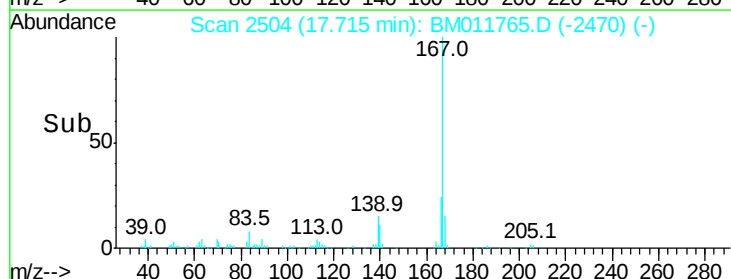
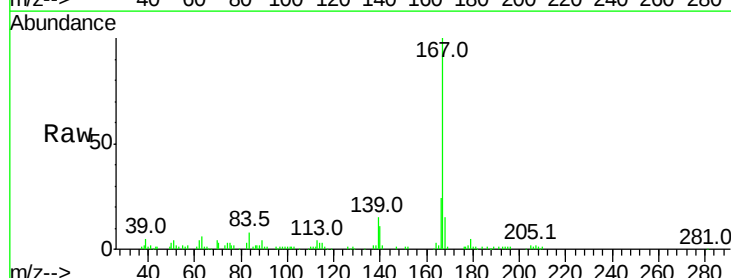
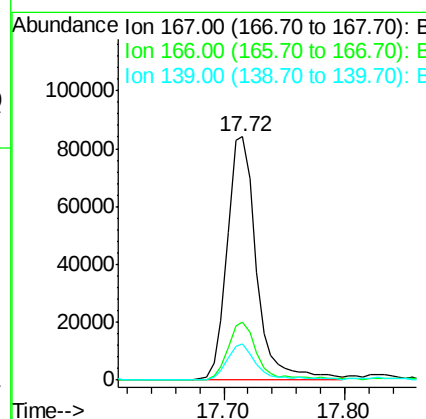
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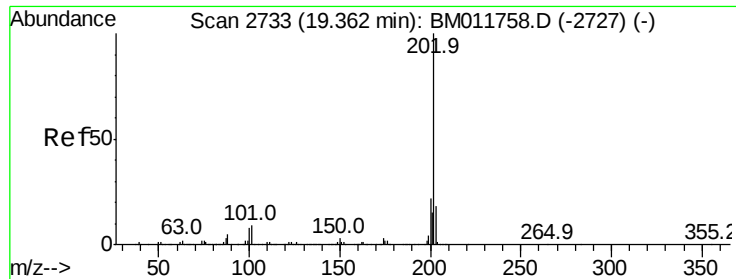
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#72
 Carbazole
 Concen: 2.516 ng/ul
 RT: 17.72 min Scan# 2504
 Delta R.T. 0.00 min
 Lab File: BM011765.D
 Acq: 29 Sep 2017 13:58

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.6	17.1	25.7
139	15.1	10.0	15.0#





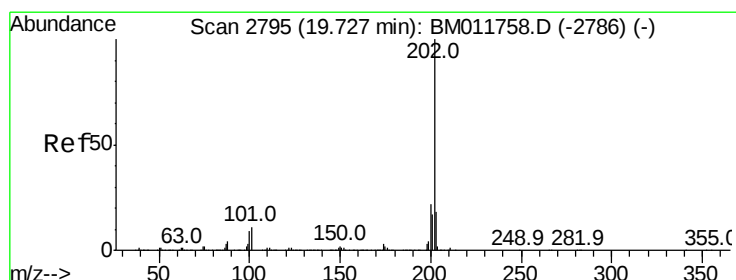
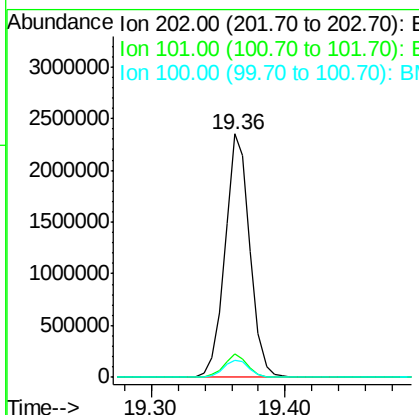
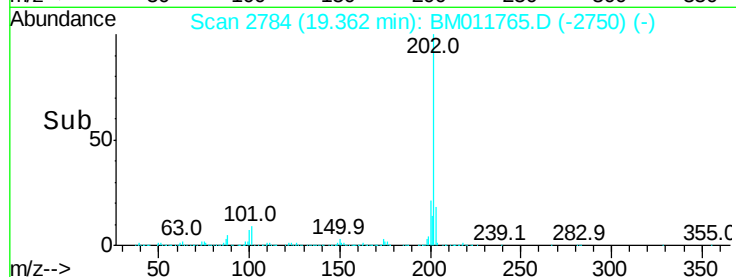
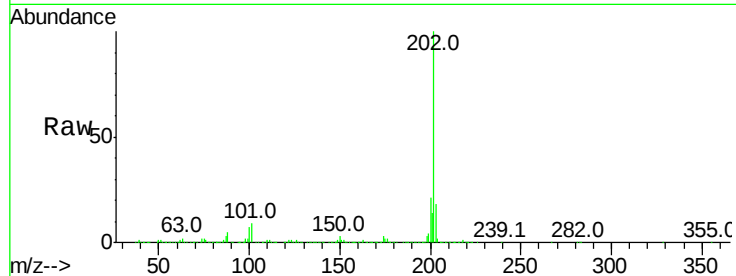
#74
 Fluoranthene
 Concen: 39.893 ng/ul
 RT: 19.36 min Scan# 2784
 Delta R.T. 0.00 min
 Lab File: BM011765.D
 Acq: 29 Sep 2017 13:58

Instrument :
 BNA_M
 ClientSampleId :
 B0AD5DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	3060805		
101	9.4		4.6	7.0#
100	7.3		3.4	5.2#

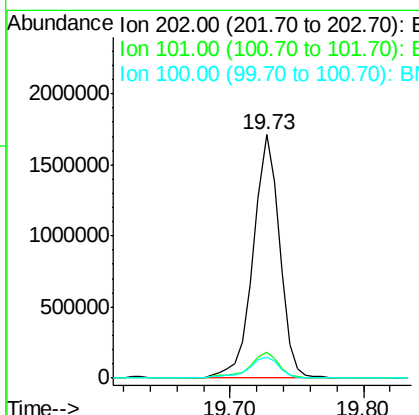
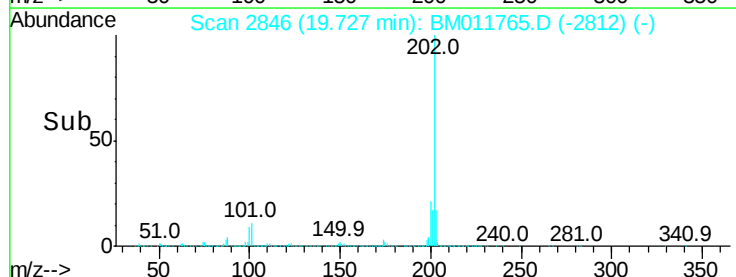
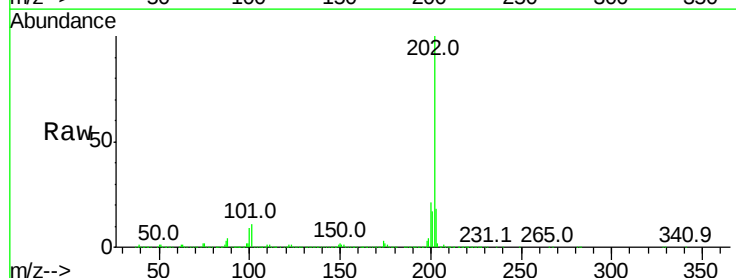
Manual Integrations
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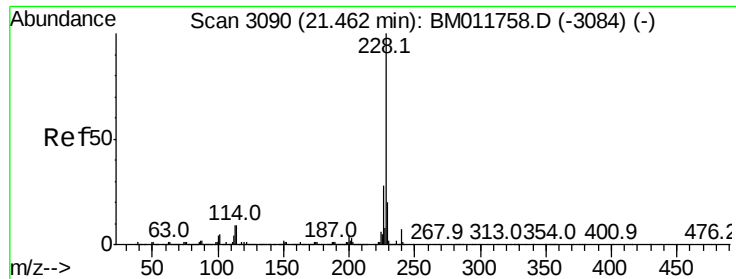
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#77
 Pyrene
 Concen: 41.845 ng/ul
 RT: 19.73 min Scan# 2846
 Delta R.T. 0.00 min
 Lab File: BM011765.D
 Acq: 29 Sep 2017 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	2324823		
101	10.5		5.1	7.7#
100	8.5		4.9	7.3#





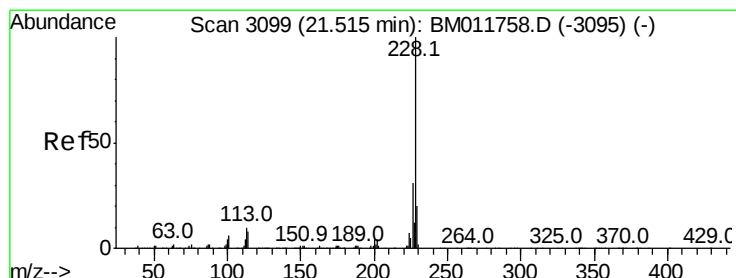
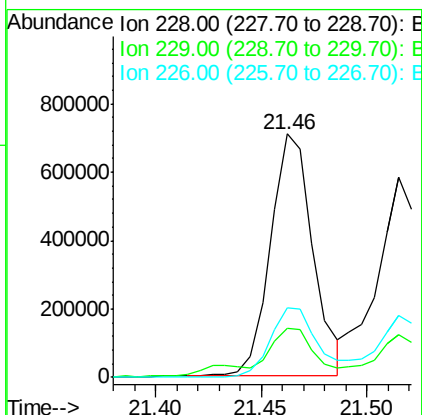
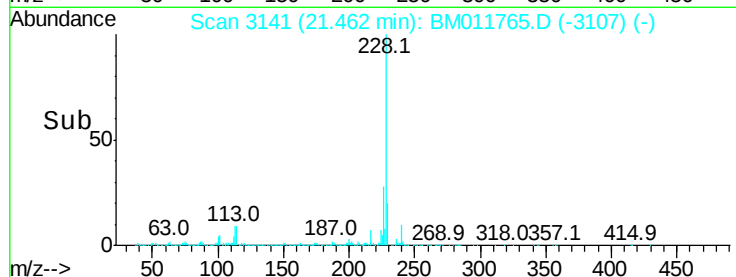
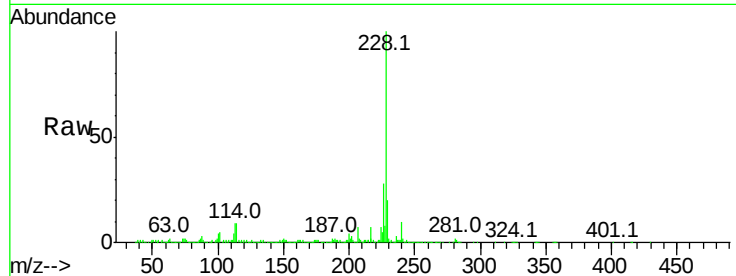
#80
Benzo(a)anthracene
Concen: 19.007 ng/ul
RT: 21.46 min Scan# 3141
Delta R.T. 0.00 min
Lab File: BM011765.D
Acq: 29 Sep 2017 13:58

Instrument :
BNA_M
ClientSampleId :
B0AD5DL

Tot Ion	Ratio	Resp	Lower	Upper
228	100	991383		
229	20.4		15.4	23.0
226	28.4		21.4	32.0

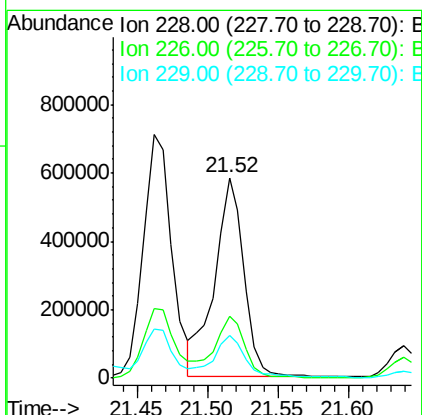
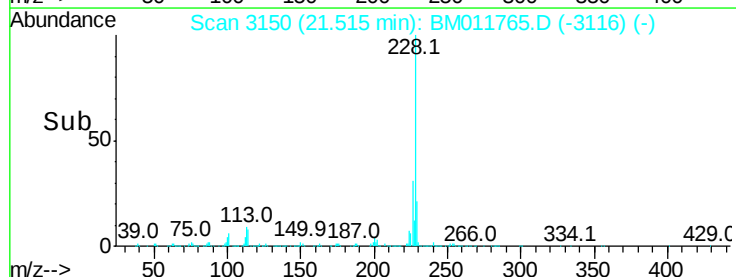
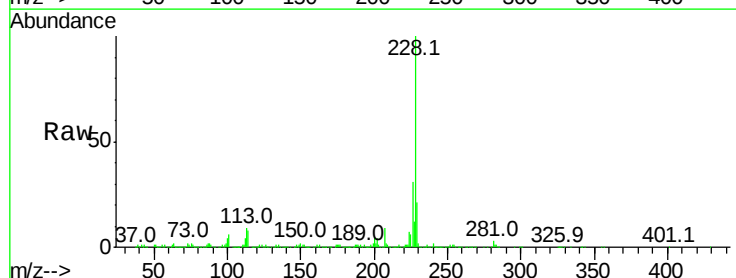
Manual Integrations
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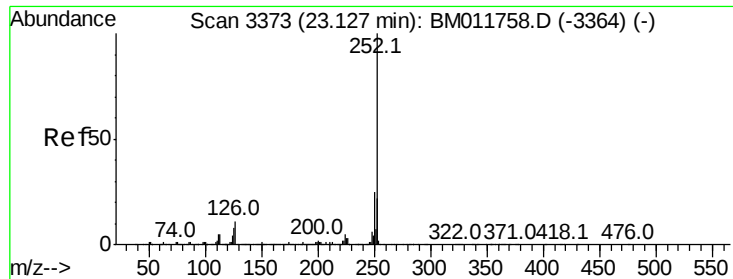
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#82
Chrysene
Concen: 17.345 ng/ul
RT: 21.52 min Scan# 3150
Delta R.T. 0.00 min
Lab File: BM011765.D
Acq: 29 Sep 2017 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	853262		
226	31.0		23.4	35.2
229	21.5		15.5	23.3





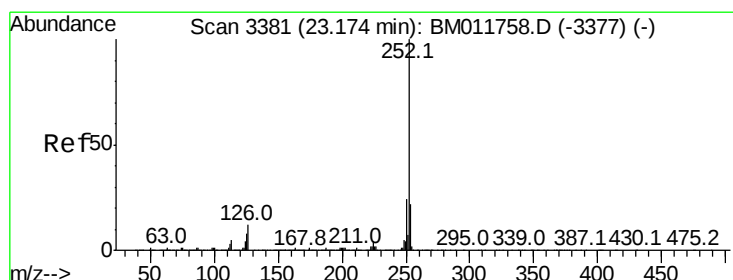
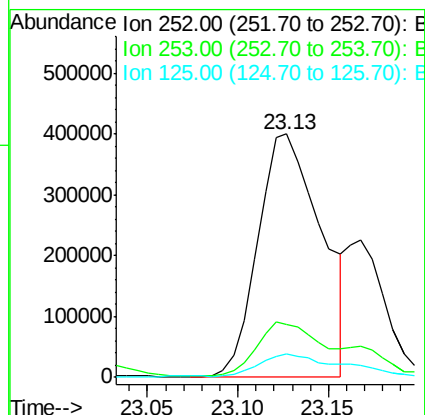
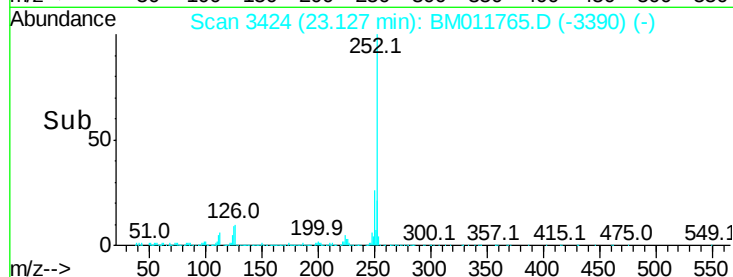
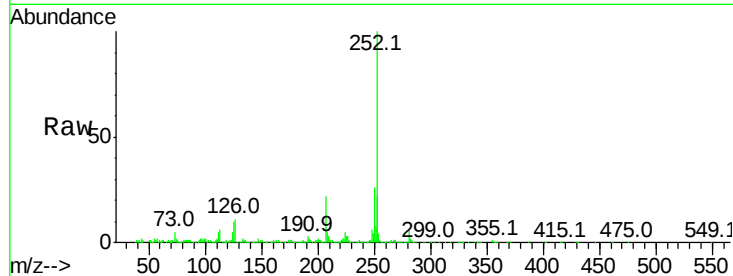
#85
Benzo(b)fluoranthene
Concen: 21.596 ng/ul
RT: 23.13 min Scan# 3424
Delta R.T. 0.00 min
Lab File: BM011765.D
Acq: 29 Sep 2017 13:58

Instrument :
BNA_M
ClientSampled :
B0AD5DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	9.6	3.6	5.4

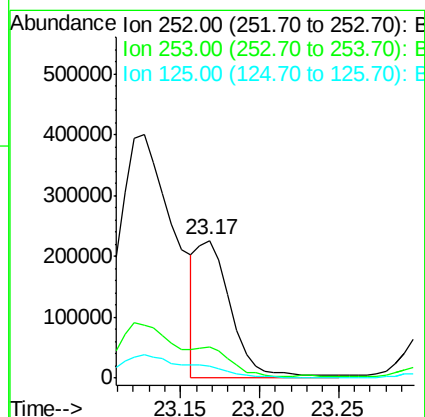
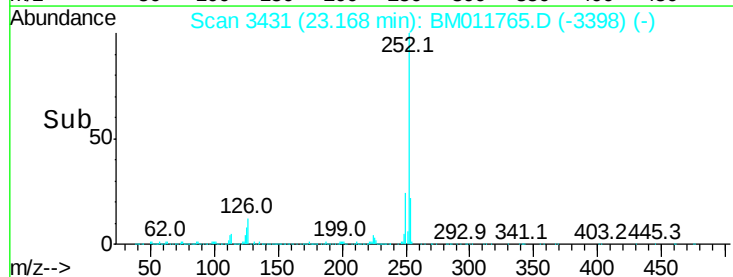
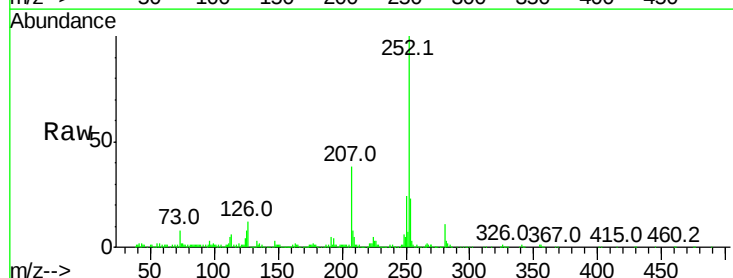
Manual Integrations
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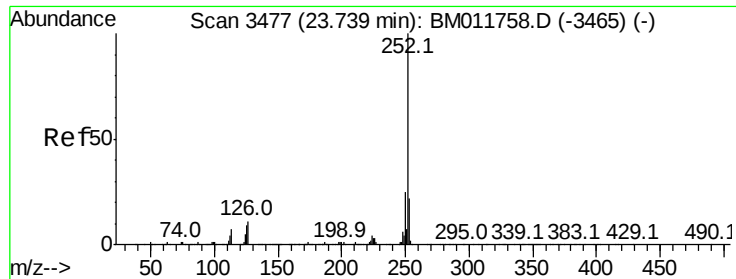
Sohil
10/2/2017 5:40:57 PM



#86
Benzo(k)fluoranthene
Concen: 7.302 ng/ul m
RT: 23.17 min Scan# 3431
Delta R.T. -0.01 min
Lab File: BM011765.D
Acq: 29 Sep 2017 13:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	8.4	3.4	5.2





#88

Benzo(a)pyrene

Concen: 15.469 ng/ul

RT: 23.74 min Scan# 3528

Delta R.T. 0.00 min

Lab File: BM011765.D

Acq: 29 Sep 2017 13:58

Instrument :

BNA_M

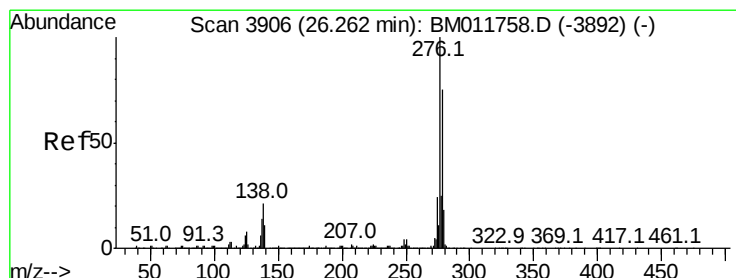
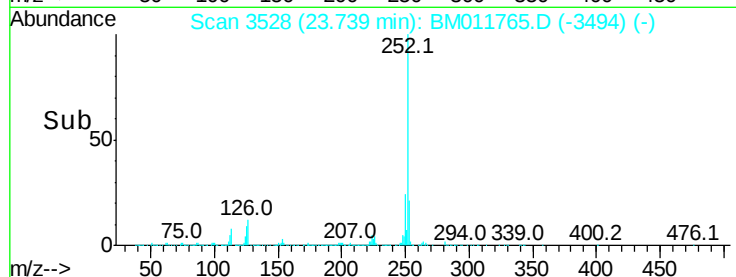
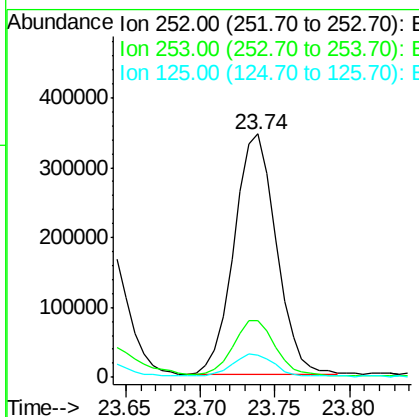
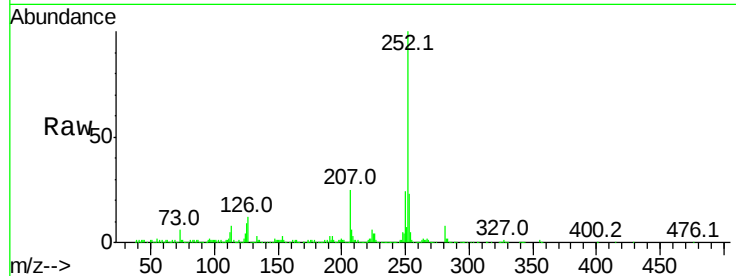
ClientSampleId :

B0AD5DL

Tot Ion:	252	Resp:	673174
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.2	27.2
125	9.3	4.0	6.0#

Manual Integrations
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10/2/2017 5:40:57 PM



#89

Indeno(1,2,3-cd)pyrene

Concen: 9.408 ng/ul

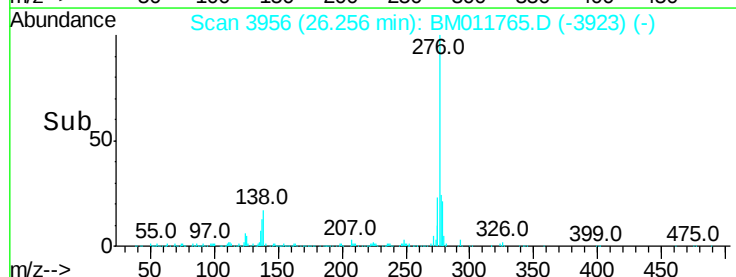
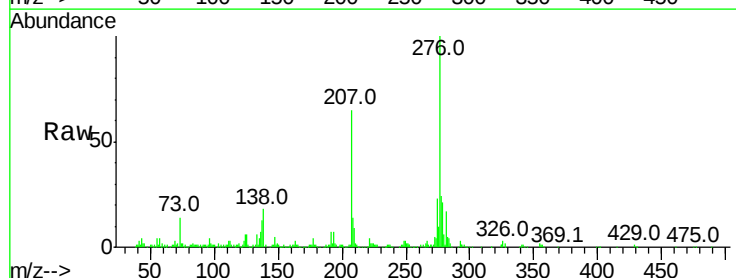
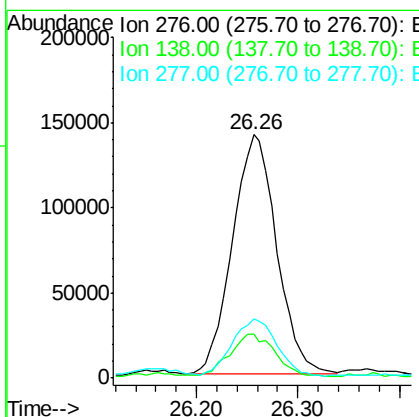
RT: 26.26 min Scan# 3956

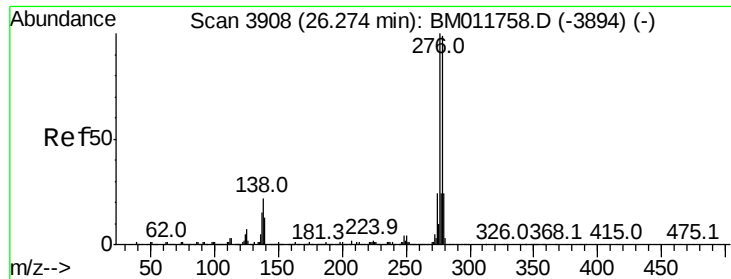
Delta R.T. -0.01 min

Lab File: BM011765.D

Acq: 29 Sep 2017 13:58

Tgt Ion:	276	Resp:	426285
Ion Ratio	Lower	Upper	
276	100		
138	17.9	9.3	13.9#
277	24.1	19.9	29.9





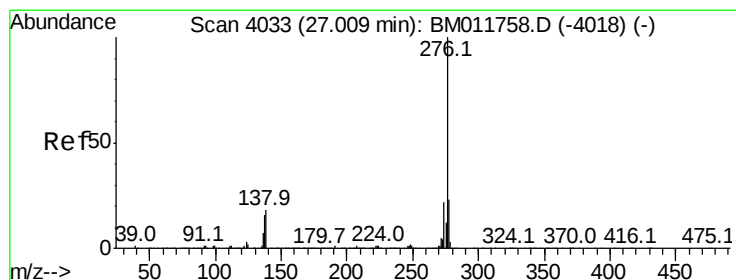
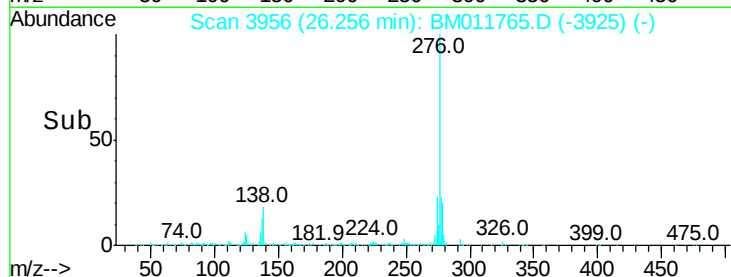
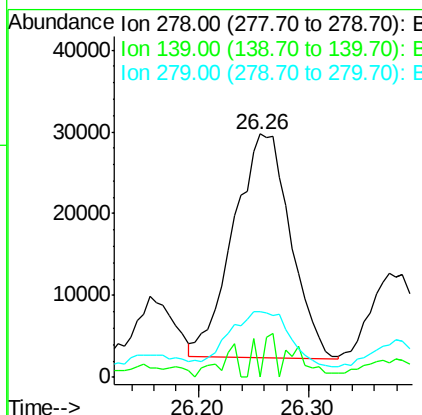
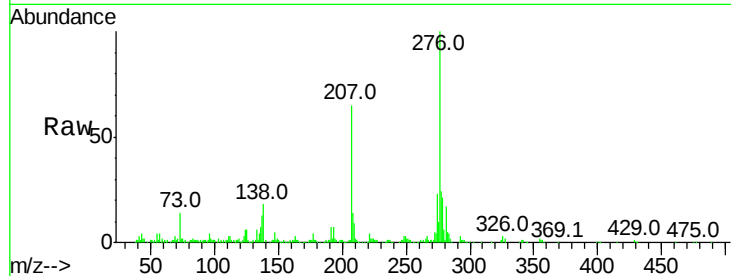
#90
Dibenzo(a,h)anthracene
Concen: 2.592 ng/ul
RT: 26.26 min Scan# 3956
Delta R.T. -0.02 min
Lab File: BM011765.D
Acq: 29 Sep 2017 13:58

Instrument :
BNA_M
ClientSampleId :
B0AD5DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	27.2	18.6	27.8

Manual Integrations
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10/2/2017 5:40:57 PM



#91
Benzo(g,h,i)perylene
Concen: 10.263 ng/ul
RT: 27.00 min Scan# 4083
Delta R.T. -0.01 min
Lab File: BM011765.D
Acq: 29 Sep 2017 13:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.4	8.5	12.7#
277	23.7	18.6	28.0

