

Data Path : Z:\HPCHEM1\BNA M\Data\BM042018\
 Data File : BM014761.D
 Acq On : 20 Apr 2018 13:17
 Operator : SJ/JU
 Sample : J2434-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB7

Manual Integrations
 APPROVED

Sohil
 4/23/2018 3:40:23 PM

Quant Time: May 03 08:51:23 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 20 17:02:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	334731	20.00	ng/ul	0.00
18) Naphthalene-d8	11.39	136	1383902	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.14	164	731431	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	1538872	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1501156	20.00	ng/ul	0.00
83) Perylene-d12	24.44	264	1591796	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.67	96	38587	5.03	ng/uL	0.00
5) Phenol-d5	7.66	99	677174	26.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.85	67	463834	27.95	ng/ul	0.00
9) 2-Chlorophenol-d4	8.06	132	586464	27.09	ng/ul	0.00
13) 4-Methylphenol-d8	9.24	113	533588	25.86	ng/ul	0.00
19) Nitrobenzene-d5	9.73	128	273039	27.29	ng/ul	0.00
22) 2-Nitrophenol-d4	10.46	143	277170	27.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.99	165	528825	26.12	ng/ul	0.00
29) 4-Chloroaniline-d4	11.51	131	648440	32.45	ng/ul	0.00
43) Dimethylphthalate-d6	14.53	166	1541974	27.01	ng/ul	0.00
46) Acenaphthylene-d8	14.84	160	1986070	28.17	ng/ul	0.00
51) 4-Nitrophenol-d4	15.30	143	190063	17.94	ng/ul	0.00
57) Fluorene-d10	16.12	176	1327502	26.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.22	200	121814	14.63	ng/ul	0.00
70) Anthracene-d10	17.95	188	1954168	27.25	ng/ul	0.00
76) Pyrene-d10	20.19	212	2041451	28.74	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.28	264	2036692	26.04	ng/ul	0.00
Target Compounds						
6) Phenol	7.69	94	43137	1.694	ng/ul#	82
44) Dimethylphthalate	14.58	163	241315	4.372	ng/ul	98
47) Acenaphthylene	14.87	152	120045	1.757	ng/ul	100
49) Acenaphthene	15.21	153	69538	1.433	ng/ul	96
58) Fluorene	16.17	166	98003	1.801	ng/ul	99
69) Phenanthrene	17.90	178	1770645	21.425	ng/ul	99
71) Anthracene	17.99	178	594536	7.089	ng/ul	99
74) Fluoranthene	19.86	202	4294214	47.659	ng/ul#	83
77) Pvrene	20.22	202	3540310	40.364	ng/ul#	79
80) Benzo(a)anthracene	21.93	228	2204482	25.112	ng/ul	97
82) Chrysene	21.98	228	1739609	21.168	ng/ul	97
85) Benzo(b)fluoranthene	23.68	252	2604740	27.759	ng/ul#	95
86) Benzo(k)fluoranthene	23.72	252	891329m	9.878	ng/ul	
88) Benzo(a)pyrene	24.33	252	1839766	20.669	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	27.03	276	1216245	11.295	ng/ul#	91
90) Dibenzo(a,h)anthracene	27.03	278	334479	3.689	ng/ul#	87
91) Benzo(g,h,i)perylene	27.83	276	1046549	11.814	ng/ul#	89

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

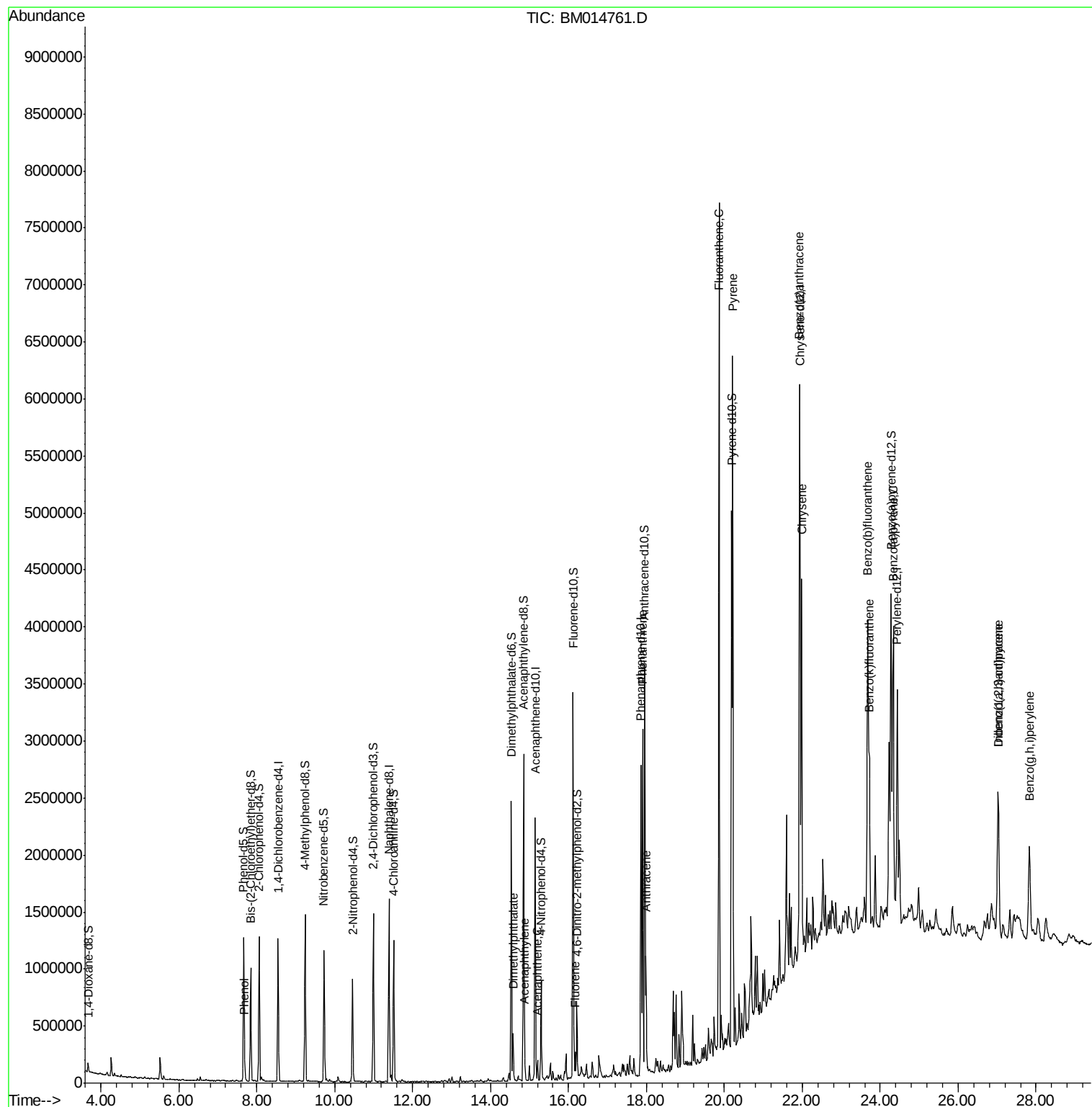
Data Path : Z:\HPCHEM1\BNA M\Data\BM042018\
Data File : BM014761.D
Acq On : 20 Apr 2018 13:17
Operator : SJ/JU
Sample : J2434-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

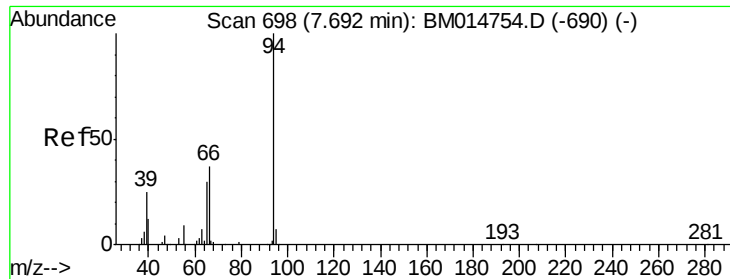
Instrument :
BNA_M
ClientSampled :
C0AB7

Quant Time: May 03 08:51:23 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 20 17:02:43 2018
Response via : Initial Calibration

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#6

Phenol

Concen: 1.694 ng/ul

RT: 7.69 min Scan# 698

Delta R.T. -0.00 min

Lab File: BM014761.D

Acq: 20 Apr 2018 13:17

Instrument :

BNA_M

ClientSampleId :

C0AB7

Tot Ion: 94 Resp: 43137

Ion Ratio Lower Upper

94 100

65 31.5 28.2 42.4

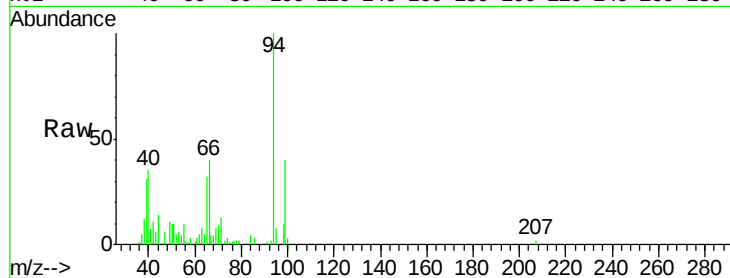
66 39.8 47.2 70.8#

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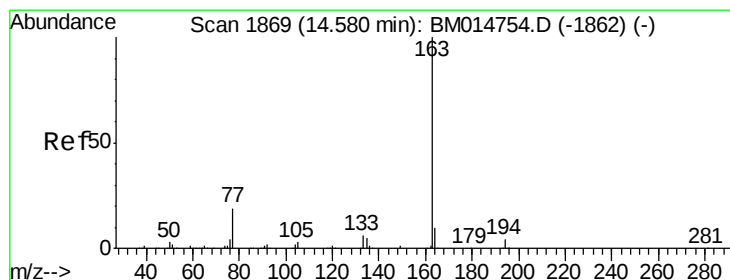
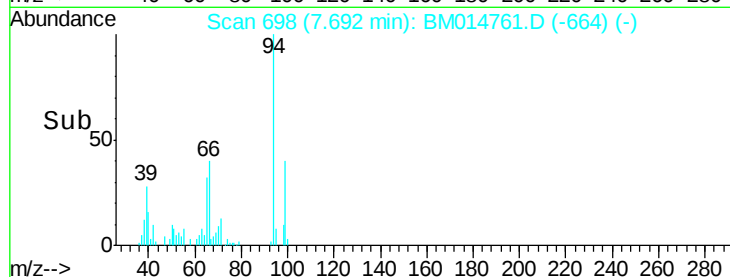
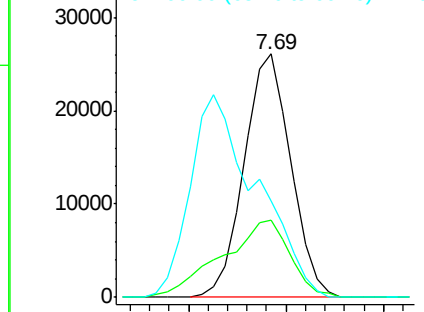
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Abundance Ion 94.00 (93.70 to 94.70): BM014754.D (-690) (-)

Ion 65.00 (64.70 to 65.70): BM014754.D (-690) (-)

Ion 66.00 (65.70 to 66.70): BM014754.D (-690) (-)



#44

Dimethylphthalate

Concen: 4.372 ng/ul

RT: 14.58 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BM014761.D

Acq: 20 Apr 2018 13:17

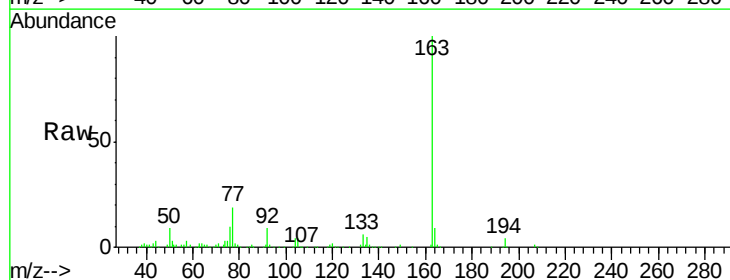
Tgt Ion:163 Resp: 241315

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

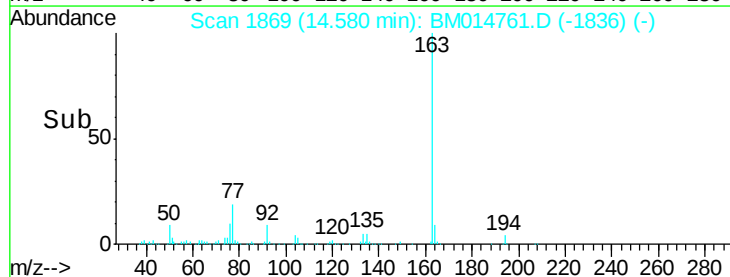
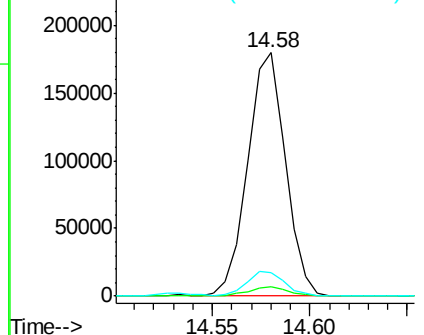
164 9.4 8.2 12.4

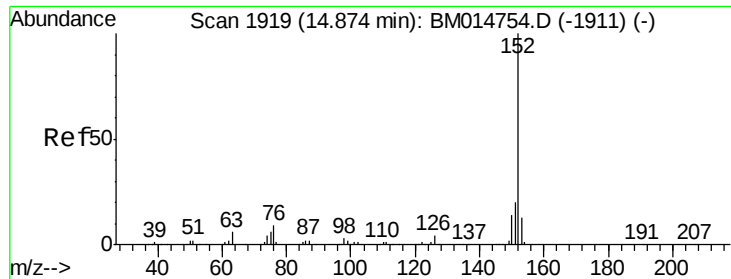


Abundance Ion 163.00 (162.70 to 163.70): BM014754.D (-1862) (-)

Ion 194.00 (193.70 to 194.70): BM014754.D (-1862) (-)

Ion 164.00 (163.70 to 164.70): BM014754.D (-1862) (-)





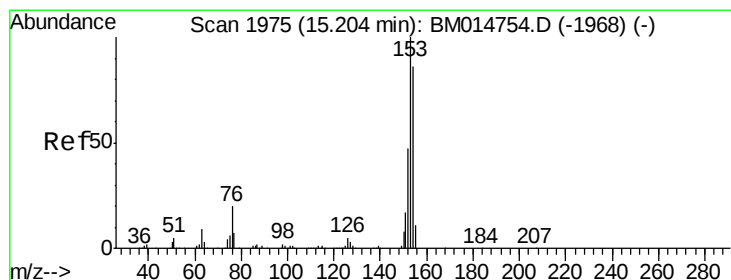
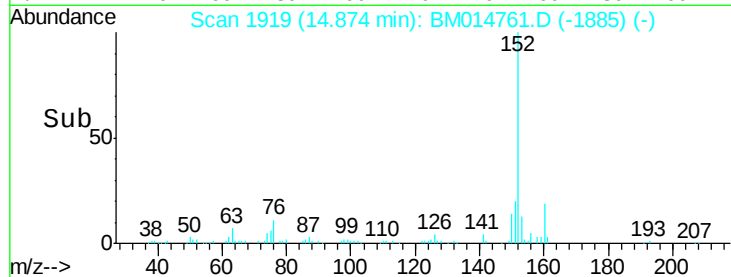
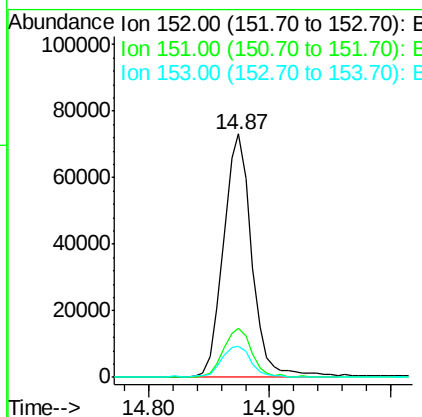
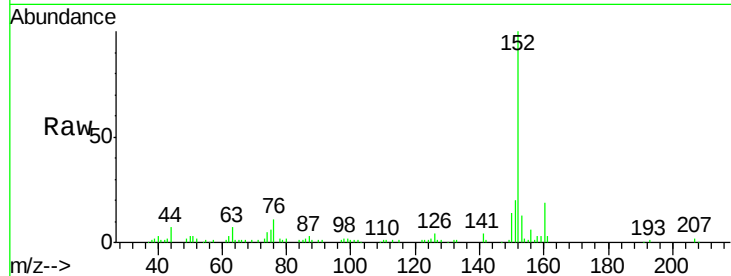
#47
Acenaphthylene
Concen: 1.757 ng/ul
RT: 14.87 min Scan# 1919
Delta R.T. -0.00 min
Lab File: BM014761.D
Acq: 20 Apr 2018 13:17

Instrument :
BNA_M
ClientSampleId :
C0AB7

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	12.8	10.2	15.4

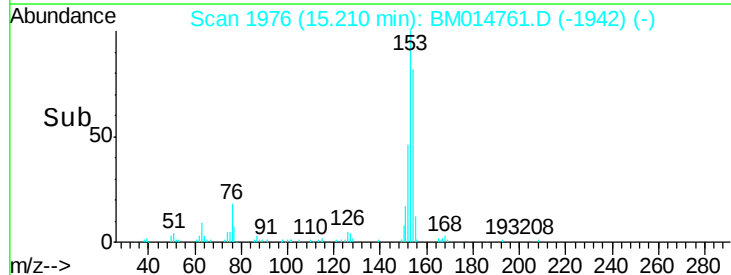
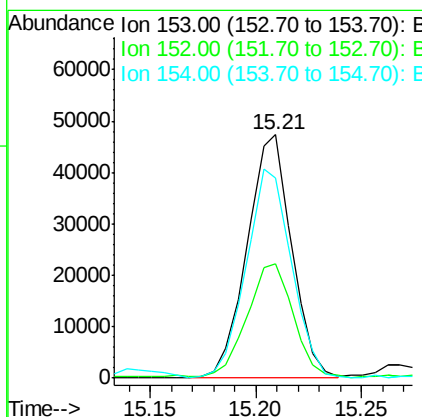
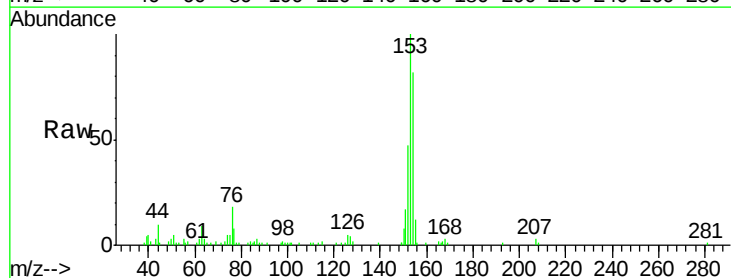
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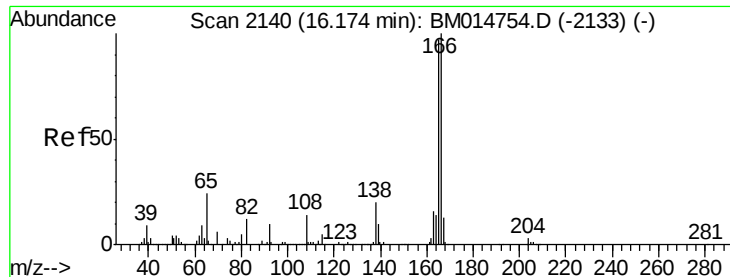
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#49
Acenaphthene
Concen: 1.433 ng/ul
RT: 15.21 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BM014761.D
Acq: 20 Apr 2018 13:17

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.1	37.6	56.4
154	82.0	70.4	105.6





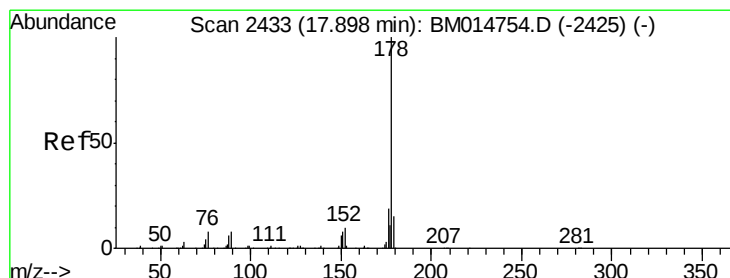
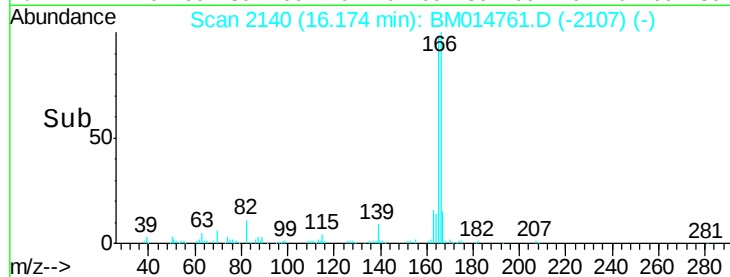
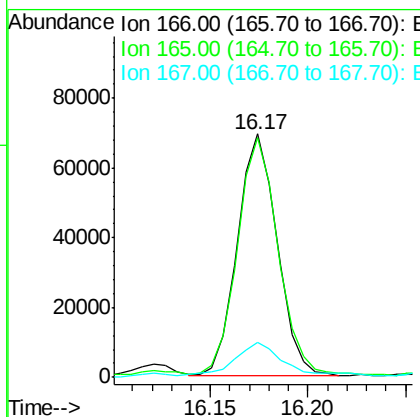
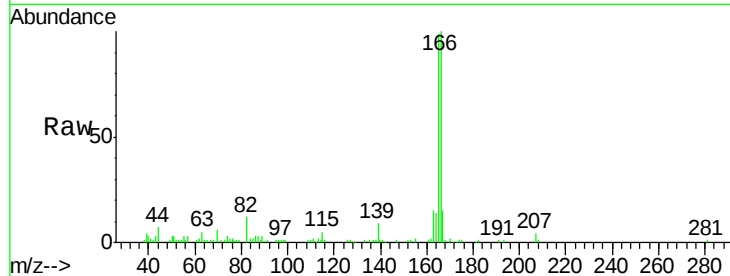
#58
 Fluorene
 Concen: 1.801 ng/ul
 RT: 16.17 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: BM014761.D
 Acq: 20 Apr 2018 13:17

Instrument :
 BNA_M
 ClientSampleId :
 C0AB7

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		98003		
165	98.5	77.9	116.9		
167	14.5	10.6	16.0		

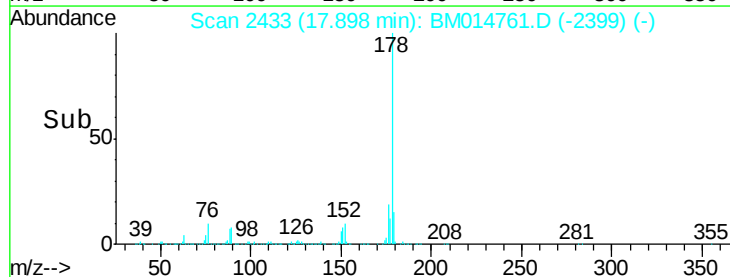
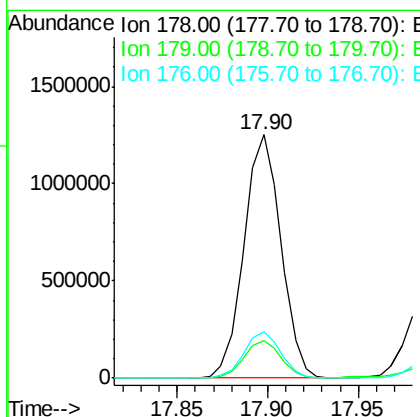
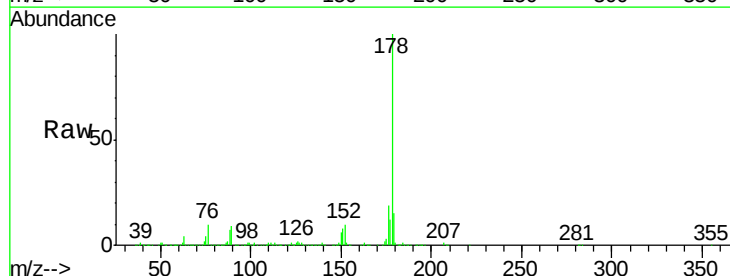
Manual Integrations
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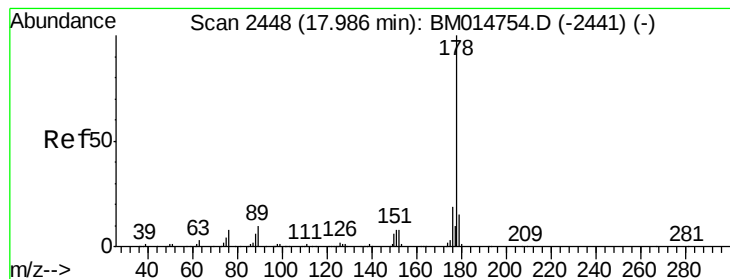
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#69
 Phenanthrene
 Concen: 21.425 ng/ul
 RT: 17.90 min Scan# 2433
 Delta R.T. -0.00 min
 Lab File: BM014761.D
 Acq: 20 Apr 2018 13:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		1770645		
179	15.5	12.6	19.0		
176	19.0	14.9	22.3		





#71

Anthracene

Concen: 7.089 ng/ul

RT: 17.99 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BM014761.D

Acq: 20 Apr 2018 13:17

Instrument :

BNA_M

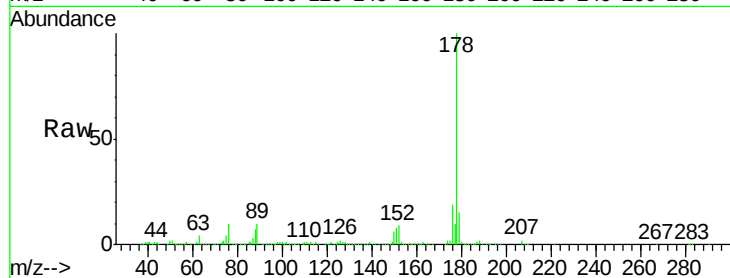
ClientSampleId :

C0AB7

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.7	17.5
176	18.7	14.6	21.8

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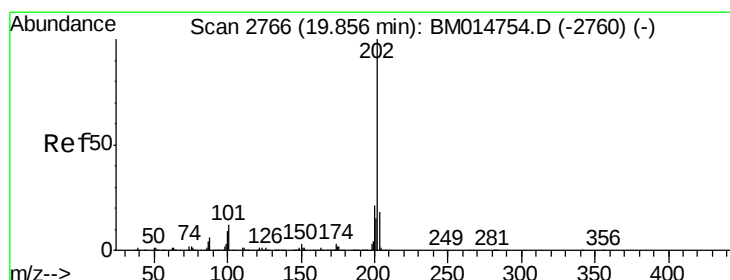
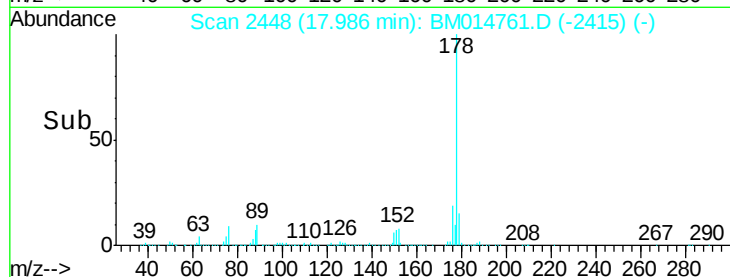
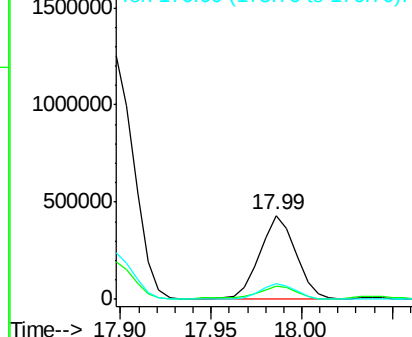
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#74

Fluoranthene

Concen: 47.659 ng/ul

RT: 19.86 min Scan# 2767

Delta R.T. -0.00 min

Lab File: BM014761.D

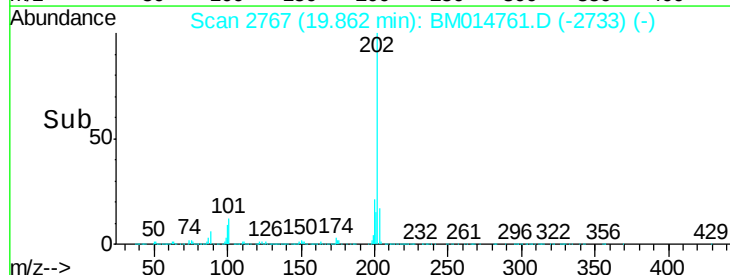
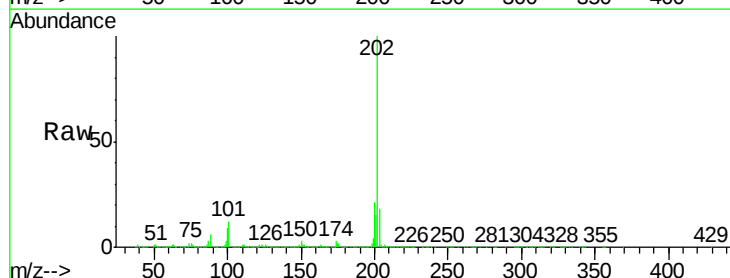
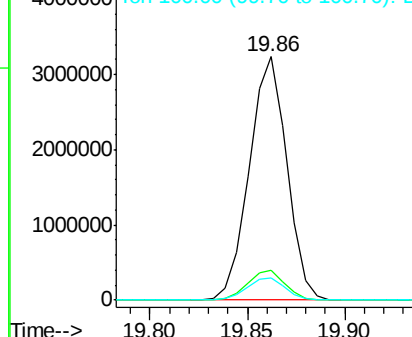
Acq: 20 Apr 2018 13:17

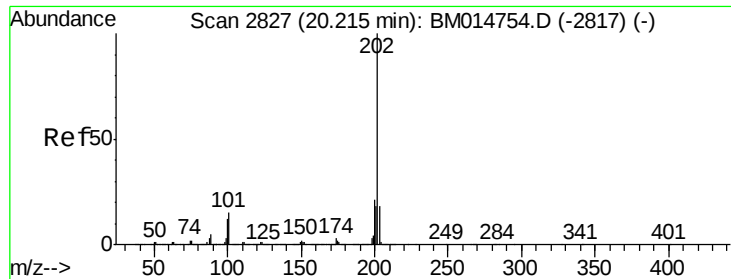
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	4.6	7.0#
100	9.1	3.4	5.2#

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 40.364 ng/ul

RT: 20.22 min Scan# 2827

Delta R.T. -0.01 min

Lab File: BM014761.D

Acq: 20 Apr 2018 13:17

Instrument :

BNA_M

ClientSampleId :

C0AB7

Tot Ion:202 Resp: 3540310

Ion Ratio Lower Upper

202 100

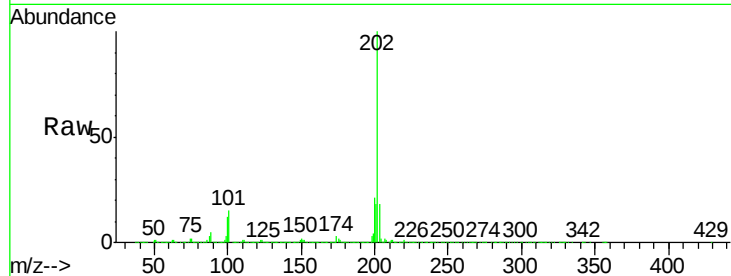
101 14.6 5.1 7.7#

100 12.2 4.9 7.3#

Manual Integrations
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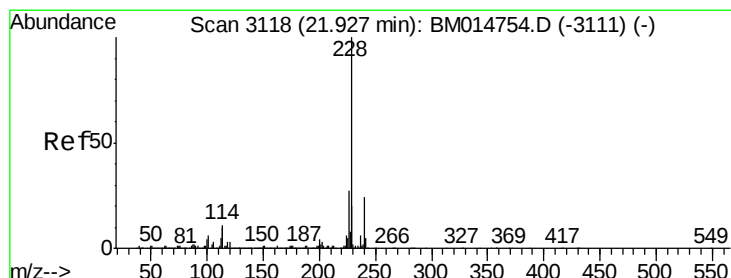
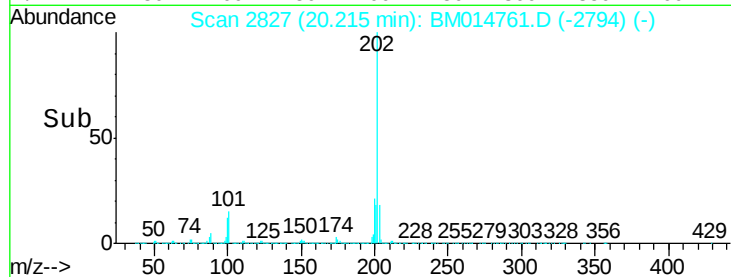
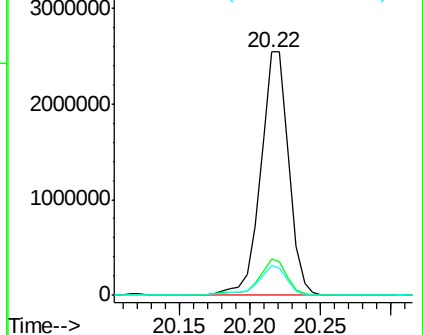
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Benzo(a)anthracene

Concen: 25.112 ng/ul

RT: 21.93 min Scan# 3118

Delta R.T. -0.00 min

Lab File: BM014761.D

Acq: 20 Apr 2018 13:17

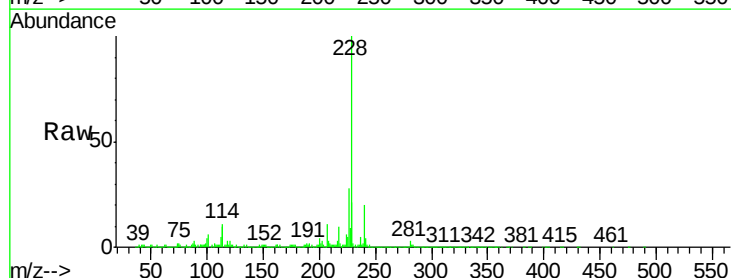
Tgt Ion:228 Resp: 2204482

Ion Ratio Lower Upper

228 100

229 20.6 15.4 23.0

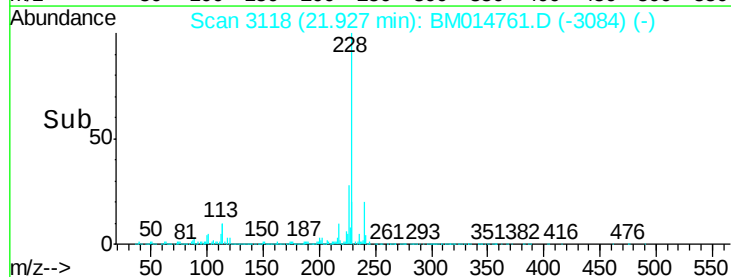
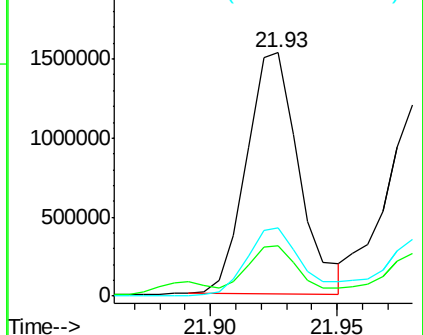
226 27.9 21.4 32.0

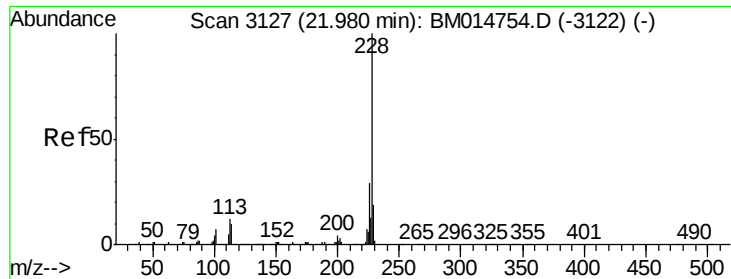


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 21.168 ng/ul

RT: 21.98 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BM014761.D

Acq: 20 Apr 2018 13:17

Instrument :

BNA_M

ClientSampleId :

C0AB7

Tot Ion:228 Resp: 1739609

Ion Ratio Lower Upper

228 100

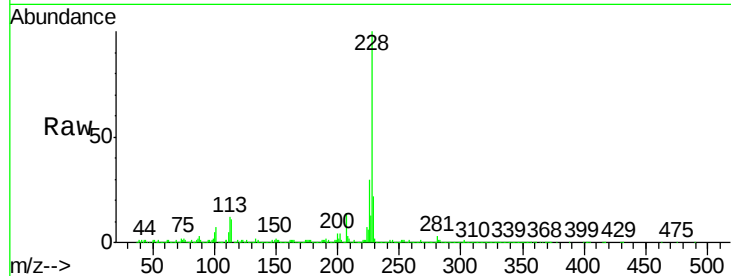
226 29.9 23.4 35.2

229 22.0 15.5 23.3

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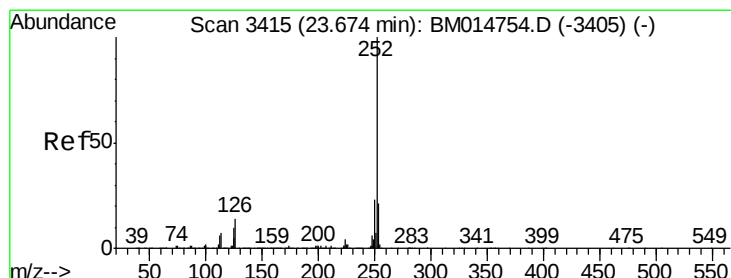
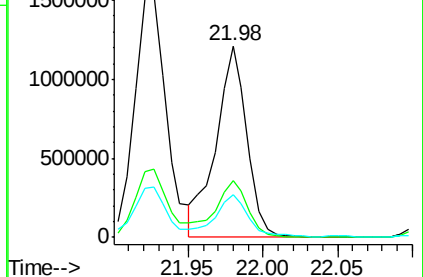
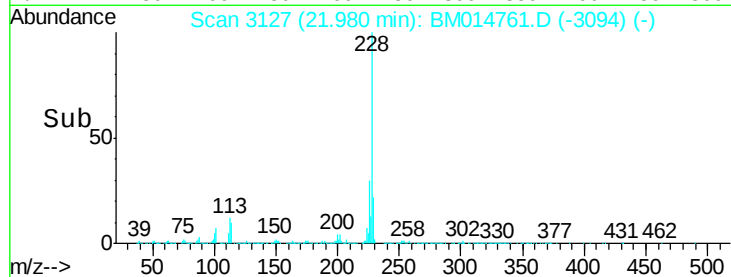
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Benzo(b)fluoranthene

Concen: 27.759 ng/ul

RT: 23.68 min Scan# 3416

Delta R.T. -0.00 min

Lab File: BM014761.D

Acq: 20 Apr 2018 13:17

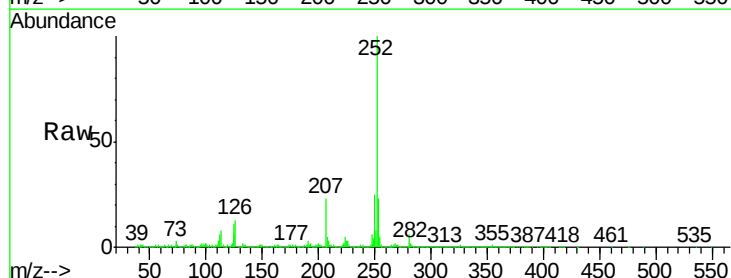
Tgt Ion:252 Resp: 2604740

Ion Ratio Lower Upper

252 100

253 23.1 17.9 26.9

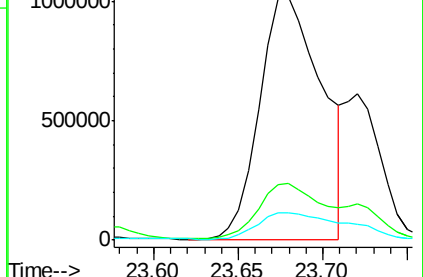
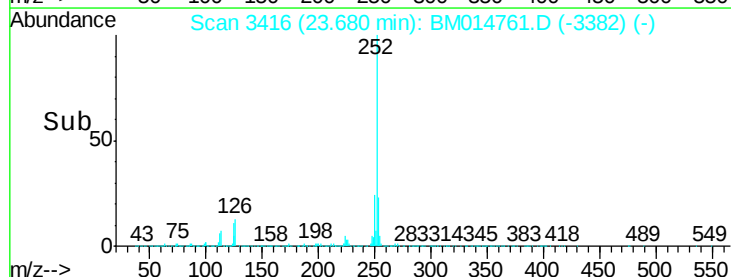
125 11.4 3.6 5.4#

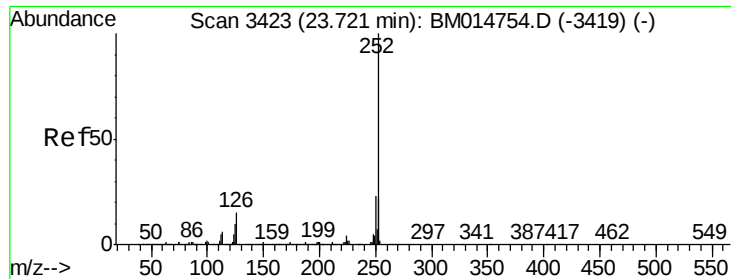


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 9.878 ng/ul

RT: 23.72 min Scan# 3423

Delta R.T. -0.01 min

Lab File: BM014761.D

Acq: 20 Apr 2018 13:17

Instrument :

BNA_M

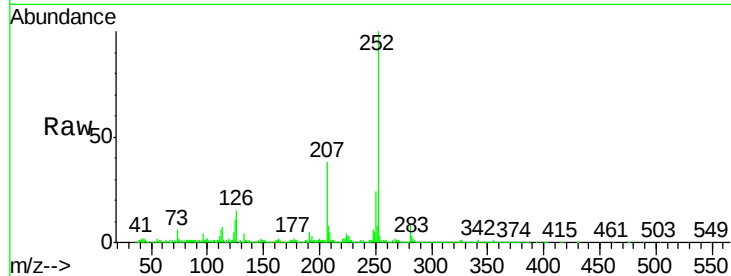
ClientSampleId :

C0AB7

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.1	25.7
125	11.1	3.4	5.2

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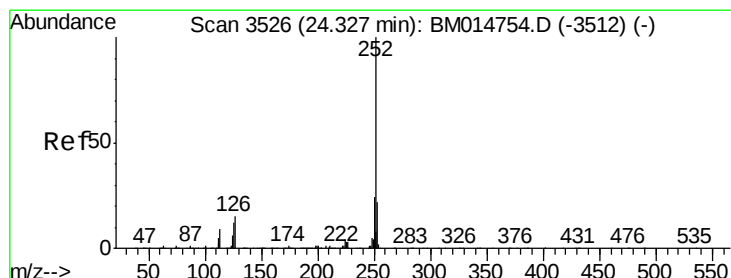
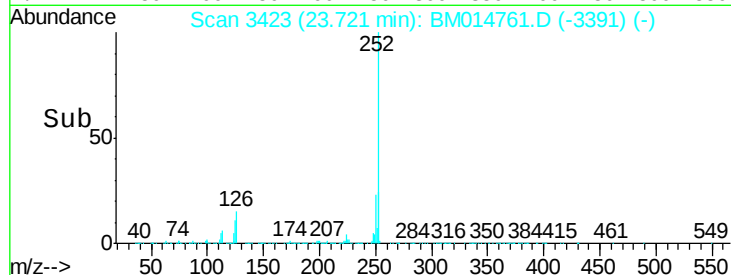
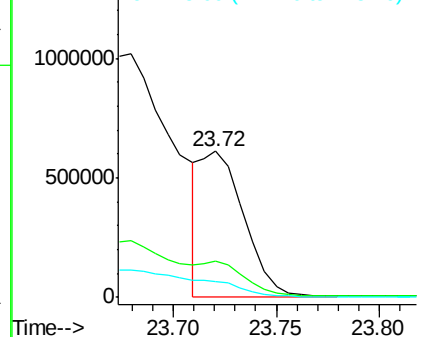
Sohil
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(a)pyrene

Concen: 20.669 ng/ul

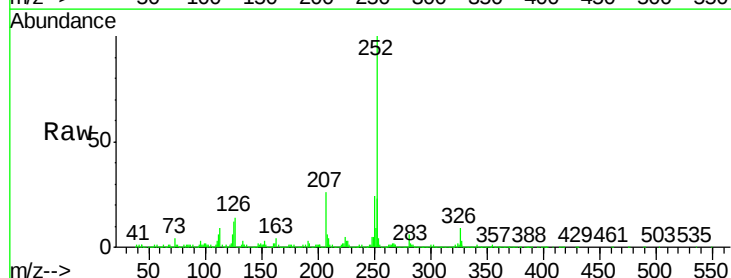
RT: 24.33 min Scan# 3527

Delta R.T. -0.01 min

Lab File: BM014761.D

Acq: 20 Apr 2018 13:17

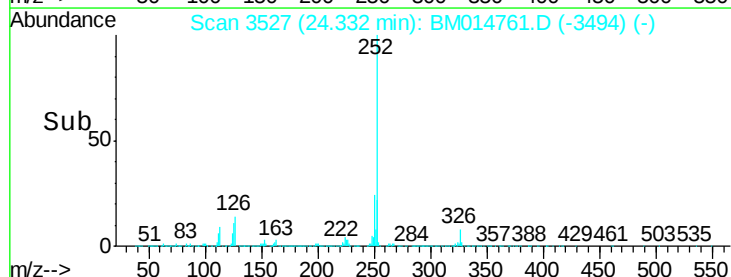
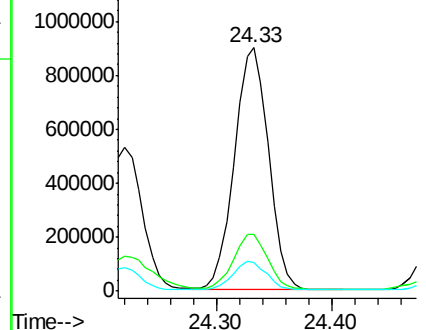
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	11.7	4.0	6.0

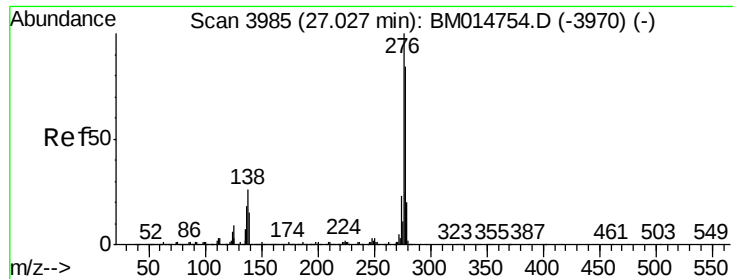


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





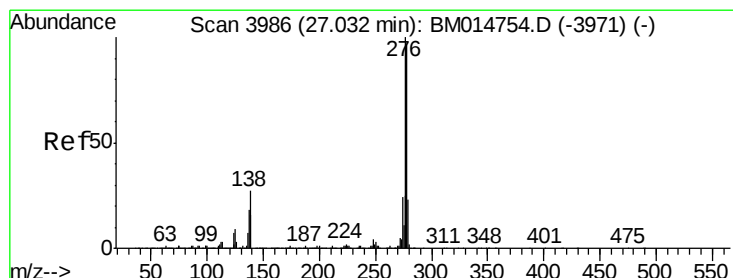
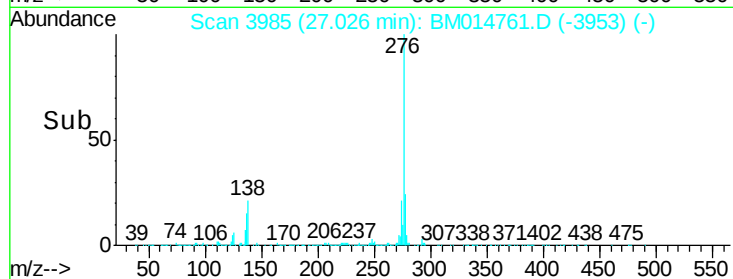
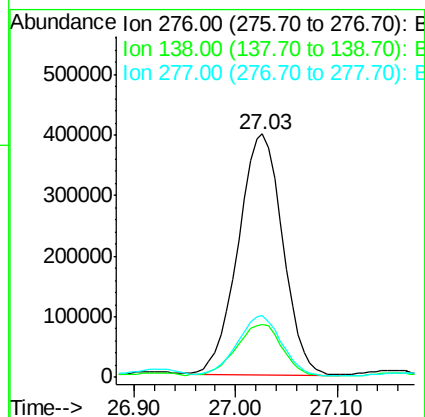
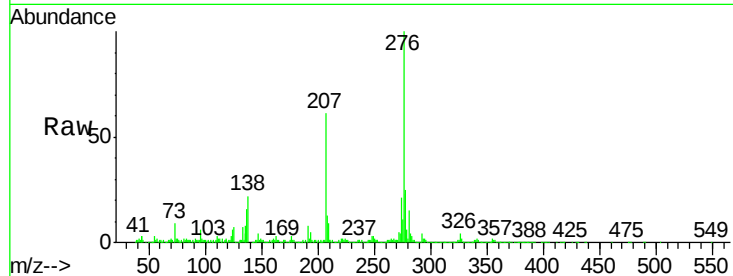
#89
Indeno(1,2,3-cd)pyrene
Concen: 11.295 ng/ul
RT: 27.03 min Scan# 3985
Delta R.T. -0.01 min
Lab File: BM014761.D
Acq: 20 Apr 2018 13:17

Instrument :
BNA_M
ClientSampled :
C0AB7

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.6	9.3	13.9#
277	25.2	19.9	29.9

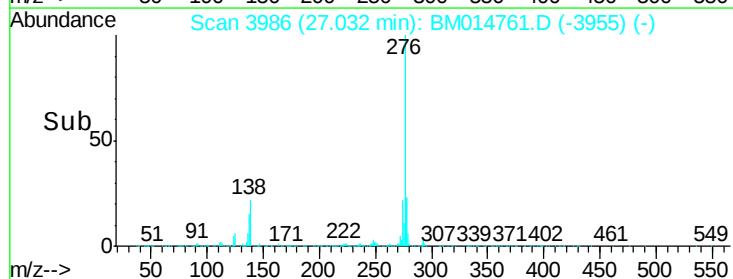
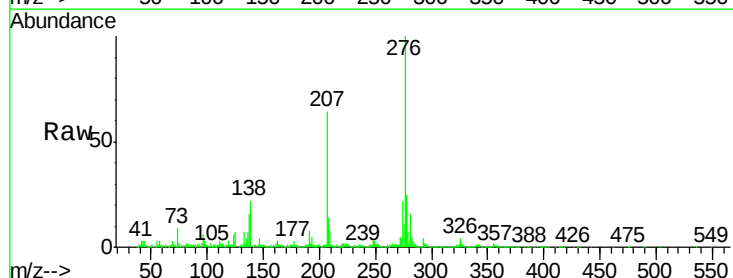
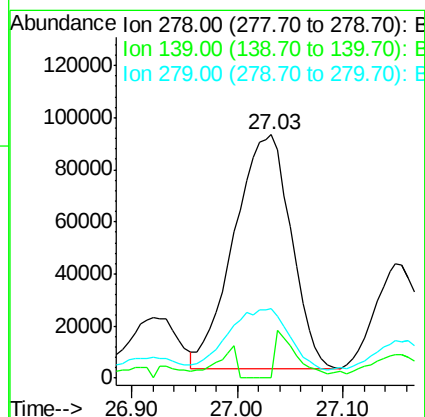
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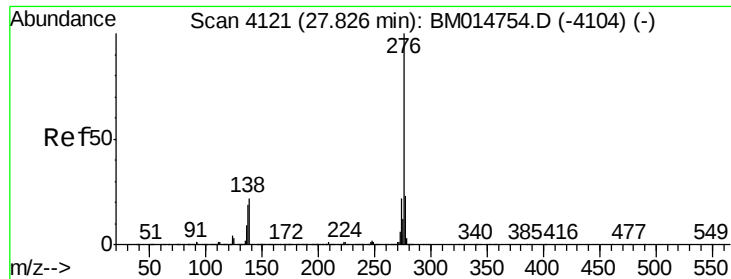
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#90
Dibenzo(a,h)anthracene
Concen: 3.689 ng/ul
RT: 27.03 min Scan# 3986
Delta R.T. -0.02 min
Lab File: BM014761.D
Acq: 20 Apr 2018 13:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	28.5	18.6	27.8#





#91
 Benzo(a,h,i)perylene
 Concen: 11.814 ng/ul
 RT: 27.83 min Scan# 4121
 Delta R.T. -0.01 min
 Lab File: BM014761.D
 Acq: 20 Apr 2018 13:17

Instrument :
 BNA_M
 ClientSampleId :
 C0AB7

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.8	8.5	12.7#
277	24.3	18.6	28.0

Manual Integrations
 APPROVED

Sohil
 4/23/2018 3:40:23 PM

