

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
 Data File : BM005019.D
 Acq On : 21 Apr 2016 08:57
 Operator : UM/SJ
 Sample : H2567-17
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7J1

Manual Integrations
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Quant Time: Apr 21 11:43:02 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 15 22:59:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	56610	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	247194	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	135125	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	275889	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	276347	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	292682	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	2387	2.26	ng/uL	0.00
5) Phenol-d5	6.97	99	52240	12.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	31121	13.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	43523	12.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	44064	13.20	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	21357	13.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	23053	12.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	43851	13.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	57046	15.13	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	143803	15.64	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	171663	15.23	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	16019	10.21	ng/ul	0.00
57) Fluorene-d10	15.44	176	125889	15.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	3330	2.79	ng/ul	0.00
70) Anthracene-d10	17.29	188	183603	16.75	ng/ul	0.00
76) Pyrene-d10	19.59	212	189545	16.46	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	198921	17.65	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	10.66	128	2041904	185.40	ng/ul	99
34) 2-Methylnaphthalene	12.26	142	538946	67.15	ng/ul	99
40) 1,1'-Biphenyl	13.27	154	185854	19.17	ng/ul	100
44) Dimethylphthalate	13.90	163	34305	3.75	ng/ul	99
47) Acenaphthylene	14.16	152	168868	14.11	ng/ul	97
49) Acenaphthene	14.51	153	542833	69.67	ng/ul	99
53) Dibenzofuran	14.85	168	760891	67.47	ng/ul	96
58) Fluorene	15.50	166	759589	87.58	ng/ul	99
69) Phenanthrene	17.24	178	2616542	203.24	ng/ul	98
71) Anthracene	17.33	178	988925	75.94	ng/ul	99
72) Carbazole	17.60	167	498176	45.44	ng/ul	99
74) Fluoranthene	19.26	202	1942938	146.50	ng/ul	95
77) Pyrene	19.62	202	1508466	103.25	ng/ul	96
80) Benzo(a)anthracene	21.36	228	630657	46.32	ng/ul	98
82) Chrysene	21.42	228	515231	39.94	ng/ul	97
85) Benzo(b)fluoranthene	22.97	252	462271	31.84	ng/ul	99
86) Benzo(k)fluoranthene	23.02	252	169997m	12.14	ng/ul	
88) Benzo(a)pyrene	23.56	252	301056	21.65	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.97	276	127377	8.23	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.97	278	36778	2.84	ng/ul#	94
91) Benzo(g,h,i)perylene	26.68	276	98900	7.59	ng/ul	97

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

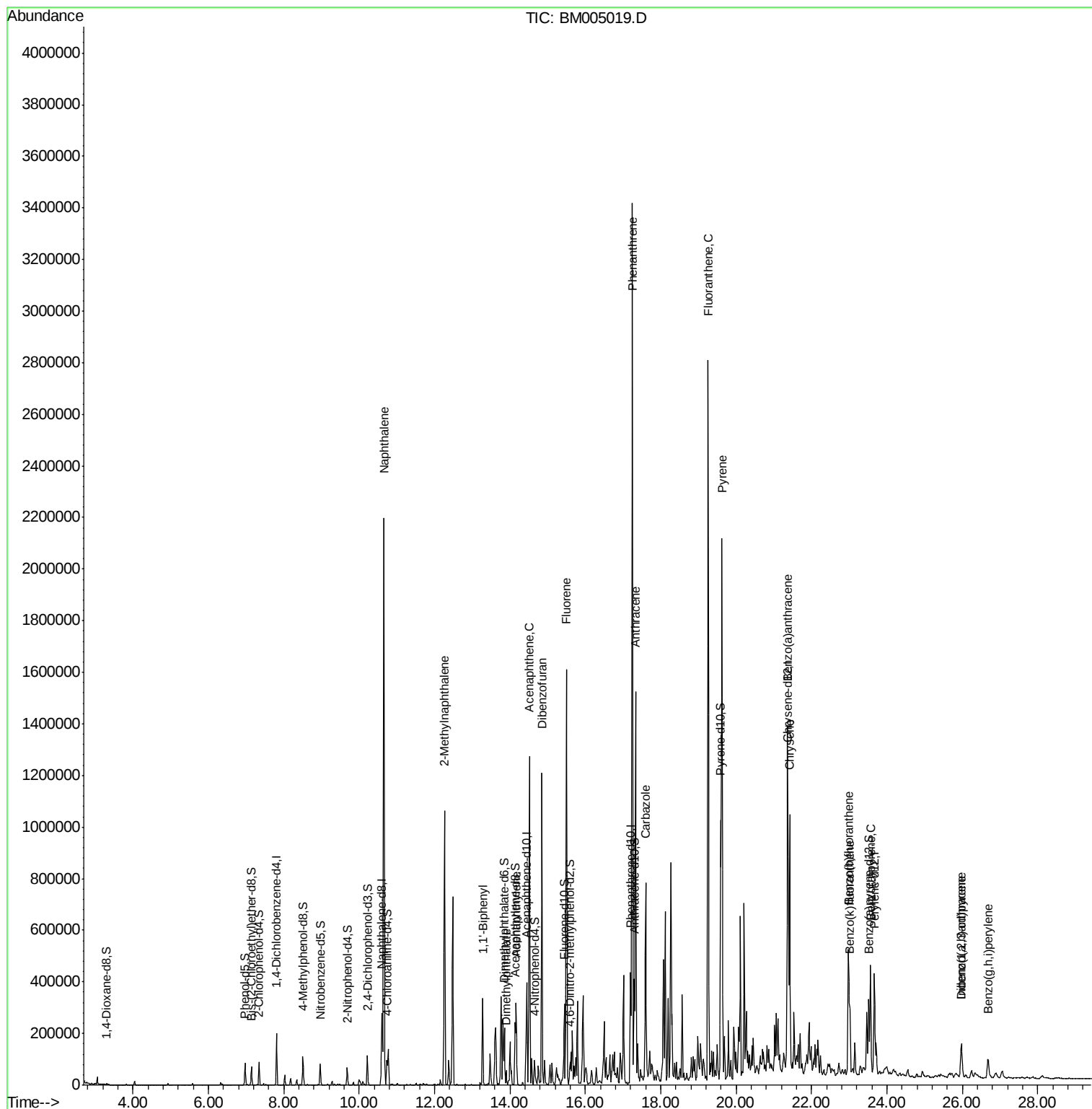
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005019.D
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Operator : UM/SJ
Sample : H2567-17
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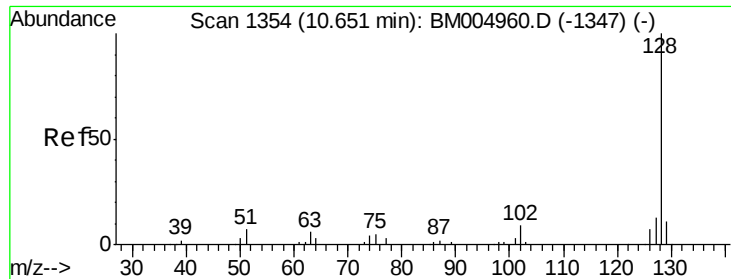
Instrument :
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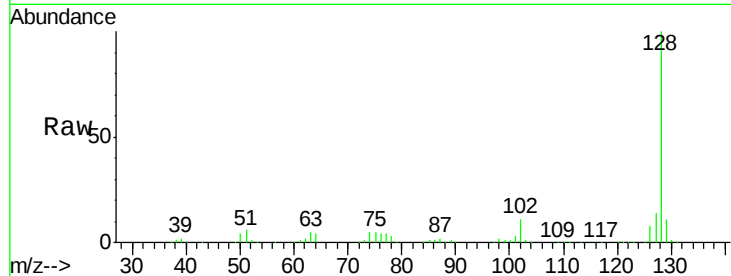
#28
Naphthalene
Concen: 185.40 ng/ul
RT: 10.66 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BM005019.D
Acq: 21 Apr 2016 08:57

Instrument :
BNA_M
ClientSampleId :
BC7J1

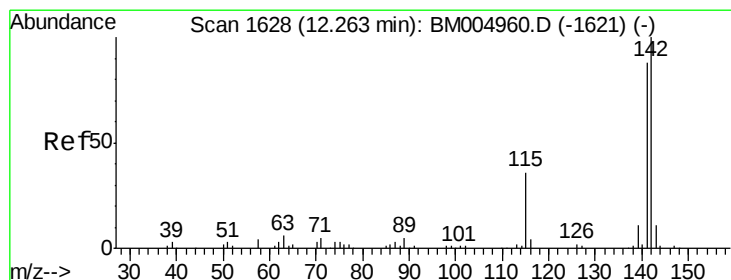
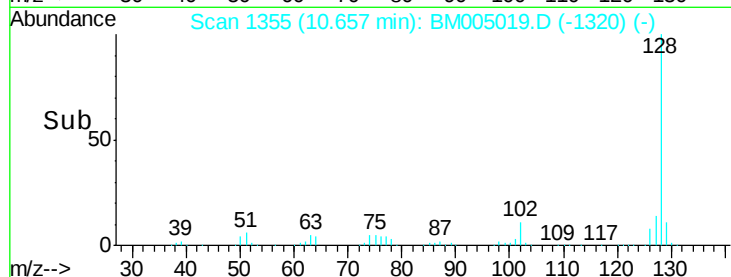
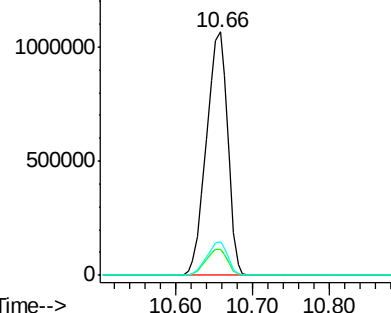
Tgt Ion:128 Resp: 2041904
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.6 10.6 15.8

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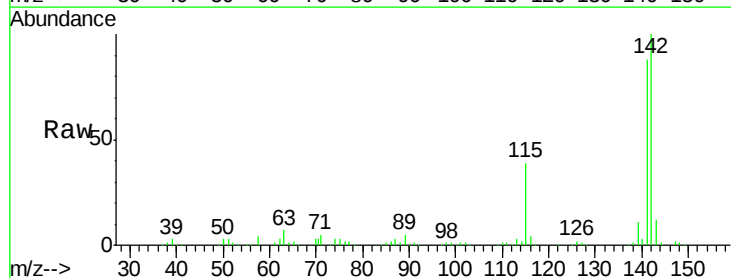


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Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

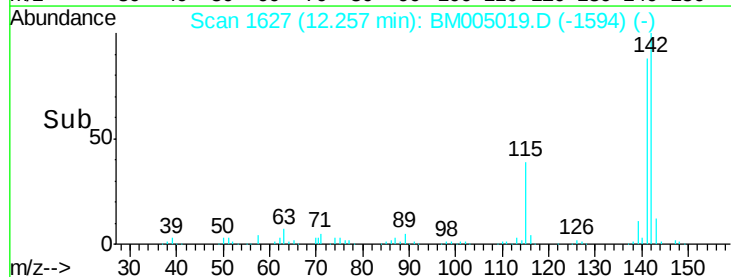
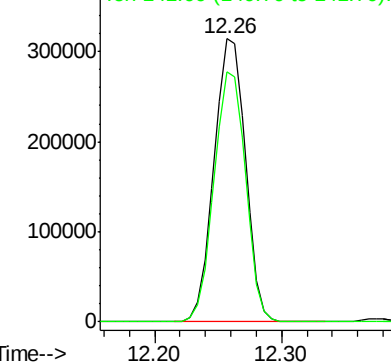


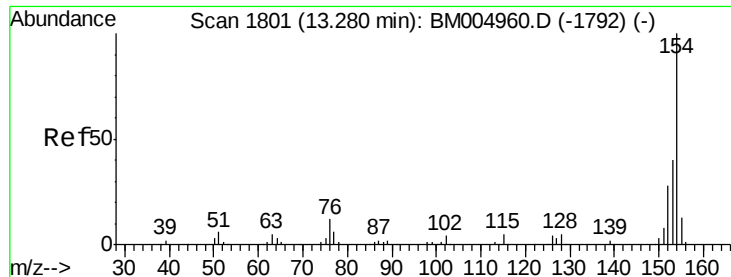
#34
2-Methylnaphthalene
Concen: 67.15 ng/ul
RT: 12.26 min Scan# 1627
Delta R.T. -0.01 min
Lab File: BM005019.D
Acq: 21 Apr 2016 08:57

Tgt Ion:142 Resp: 538946
Ion Ratio Lower Upper
142 100
141 88.5 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





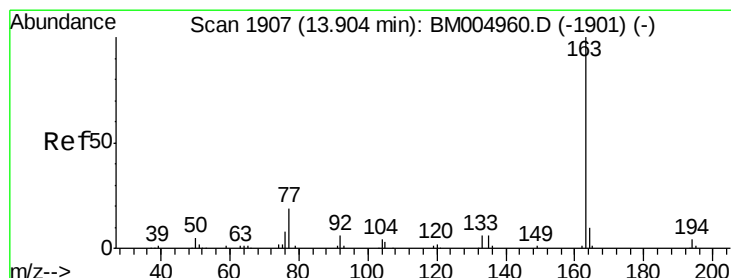
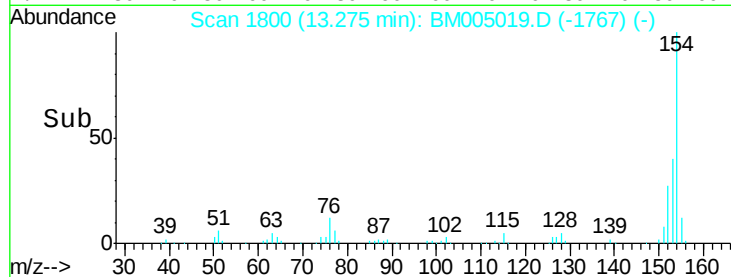
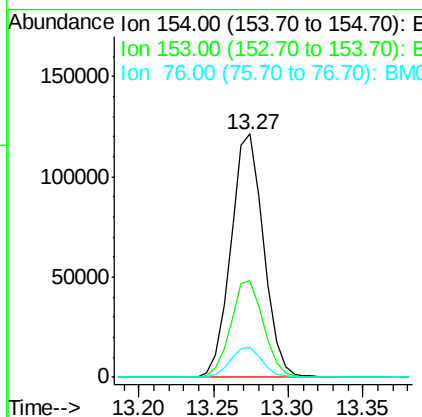
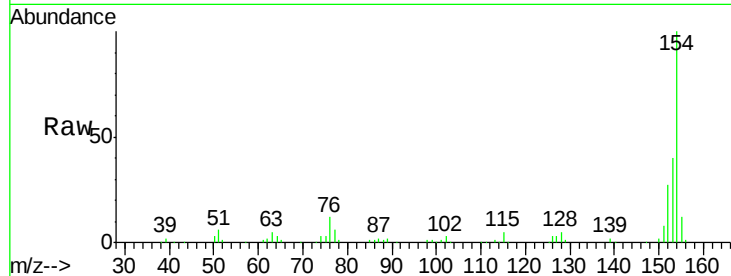
#40
 1,1'-Biphenyl
 Concen: 19.17 ng/ul
 RT: 13.27 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BM005019.D
 Acq: 21 Apr 2016 08:57

Instrument :
 BNA_M
 ClientSampleId :
 BC7J1

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	185854		
153	39.6	31.5	47.3	
76	12.1	10.1	15.1	

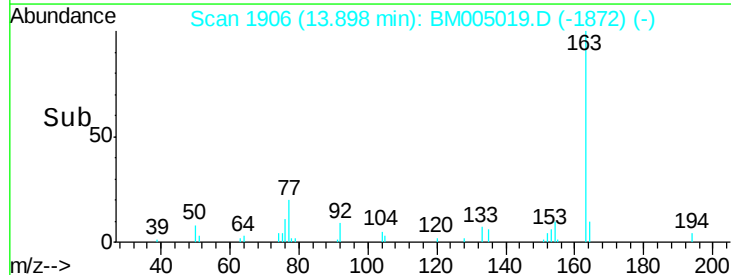
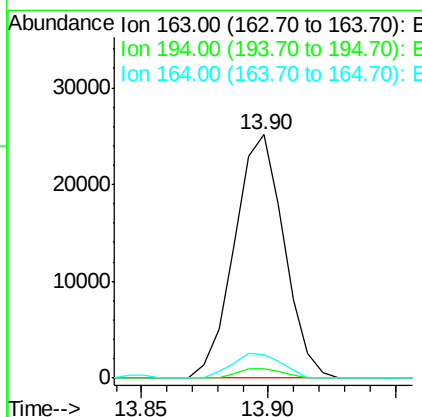
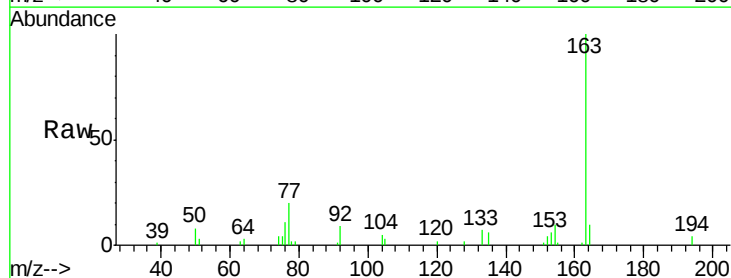
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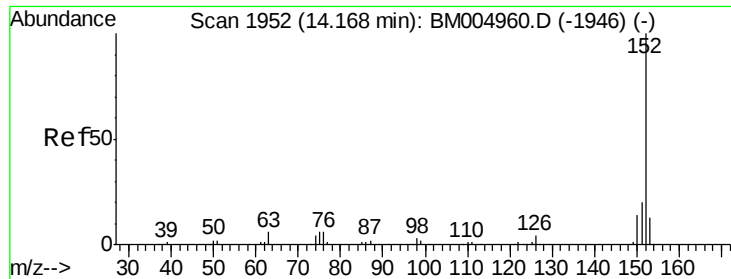
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#44
 Dimethylphthalate
 Concen: 3.75 ng/ul
 RT: 13.90 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BM005019.D
 Acq: 21 Apr 2016 08:57

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	34305		
194	4.0	3.3	4.9	
164	9.7	8.2	12.2	





#47

Acenaphthylene

Concen: 14.11 ng/ul

RT: 14.16 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BM005019.D

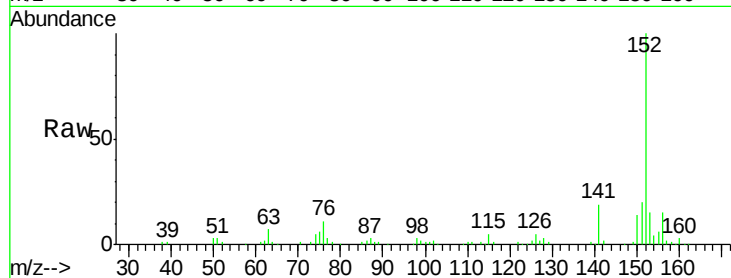
Acq: 21 Apr 2016 08:57

Instrument :

BNA_M

ClientSampled :

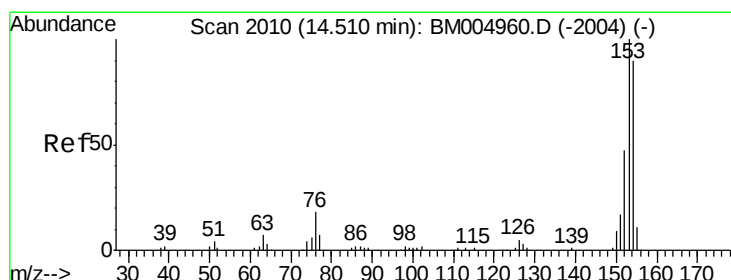
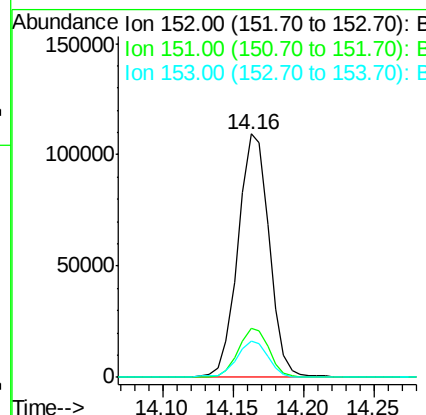
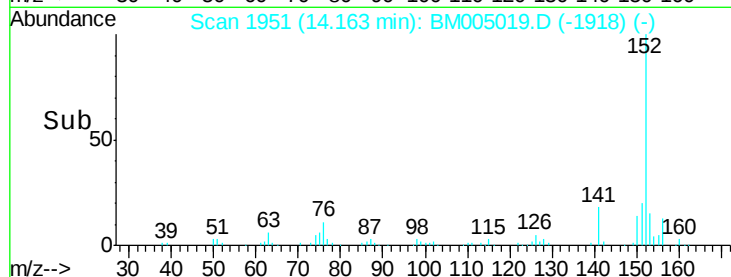
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Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.8	23.8
153	14.8	10.3	15.5

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#49

Acenaphthene

Concen: 69.67 ng/ul

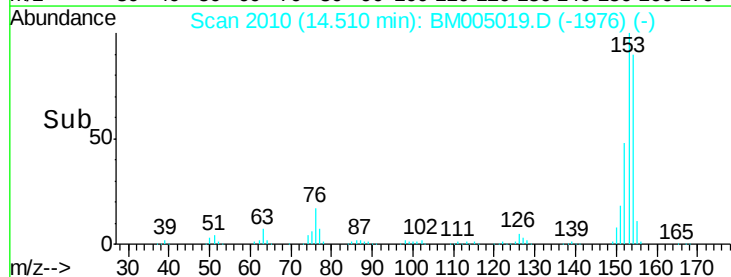
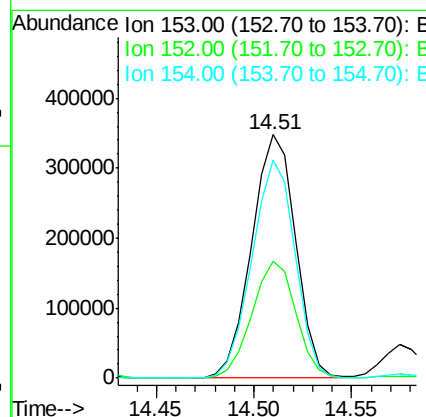
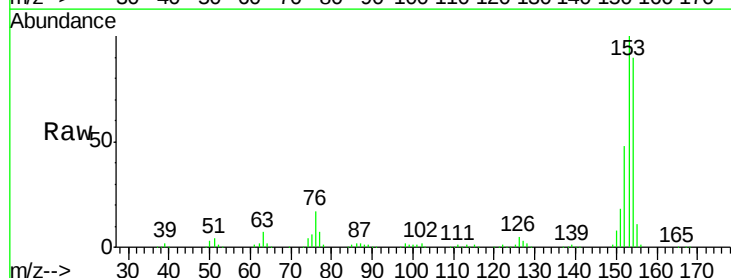
RT: 14.51 min Scan# 2010

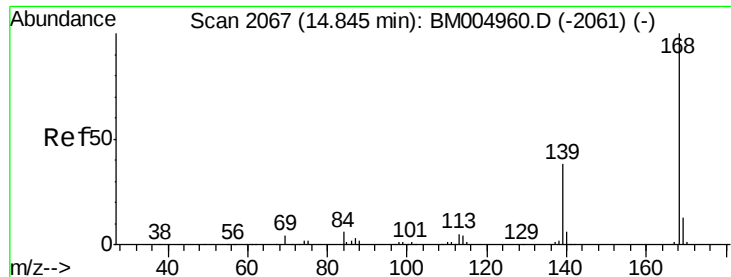
Delta R.T. 0.00 min

Lab File: BM005019.D

Acq: 21 Apr 2016 08:57

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.9	37.7	56.5
154	89.6	71.4	107.2





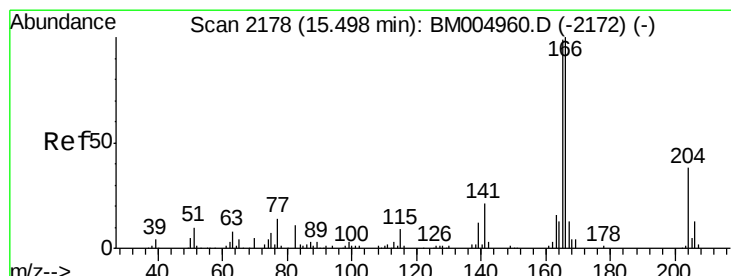
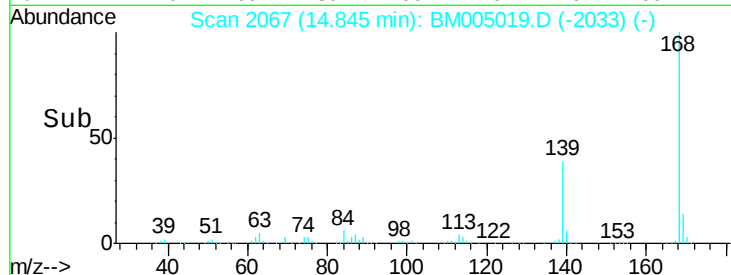
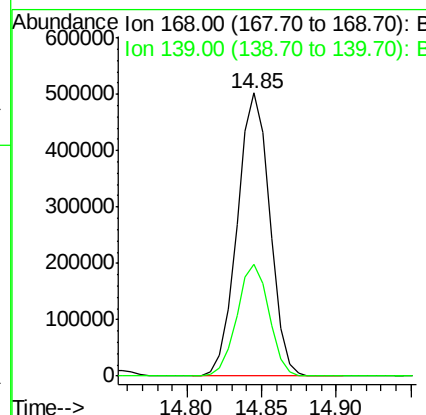
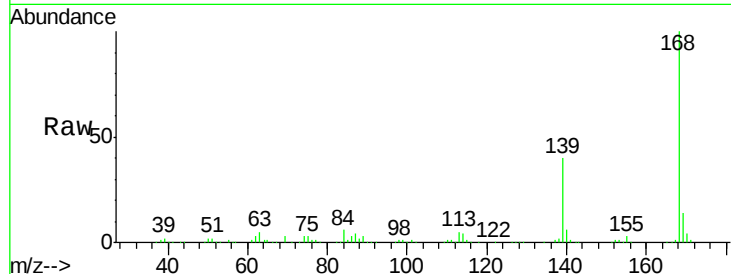
#53
Dibenzo(furan)
Concen: 67.47 ng/ul
RT: 14.85 min Scan# 2067
Delta R.T. 0.00 min
Lab File: BM005019.D
Acq: 21 Apr 2016 08:57

Instrument :
BNA_M
ClientSampled :
BC7J1

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	760891		
139	39.7	29.9	44.9	

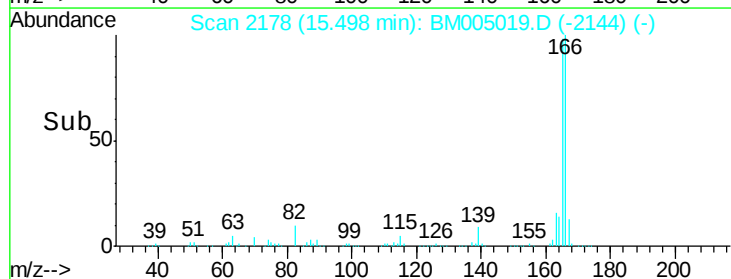
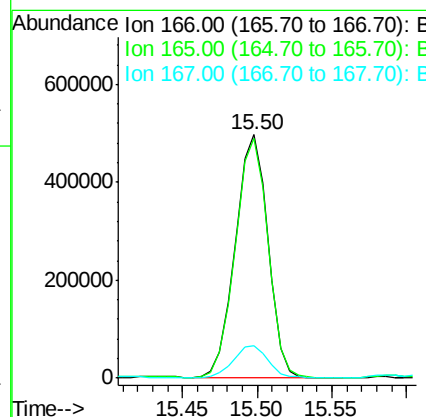
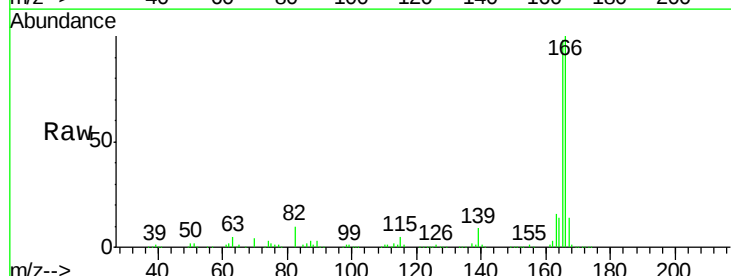
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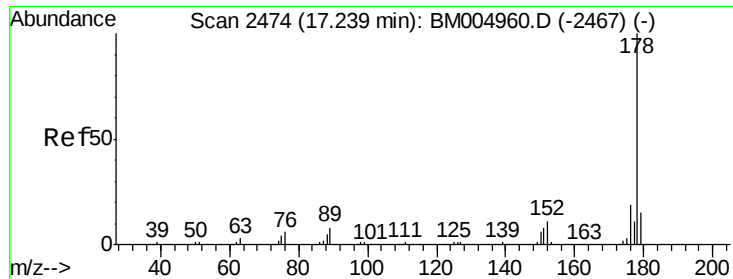
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#58
Fluorene
Concen: 87.58 ng/ul
RT: 15.50 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BM005019.D
Acq: 21 Apr 2016 08:57

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	759589		
165	98.4	77.7	116.5	
167	13.5	10.9	16.3	





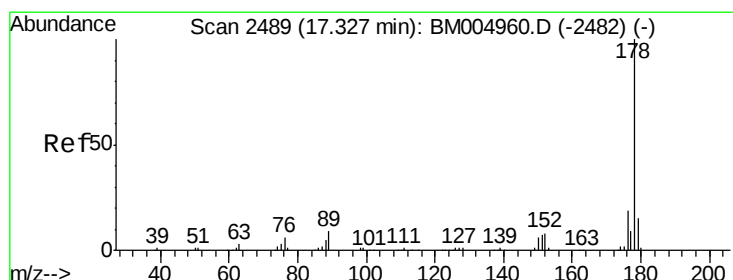
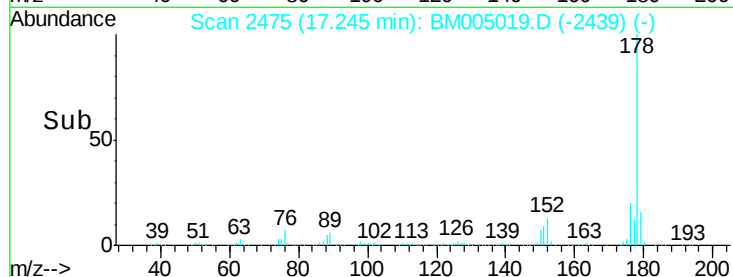
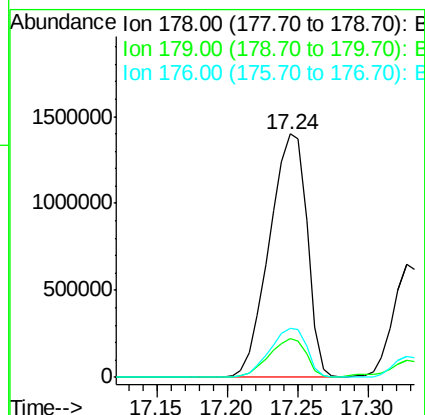
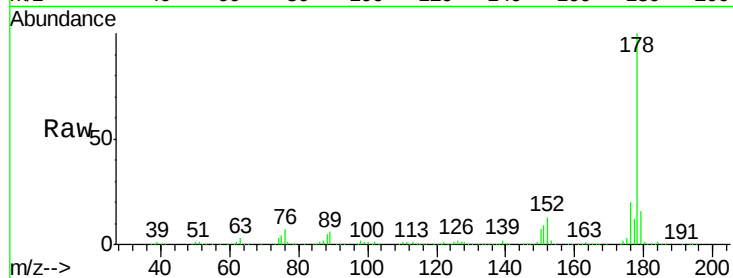
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Phenanthrene
Concen: 203.24 ng/ul
RT: 17.24 min Scan# 2475
Delta R.T. 0.01 min
Lab File: BM005019.D
Acq: 21 Apr 2016 08:57

Instrument :
BNA_M
ClientSampleId :
BC7J1

Tgt Ion:178 Resp: 2616542
Ion Ratio Lower Upper
178 100
179 15.8 11.8 17.8
176 20.1 15.2 22.8

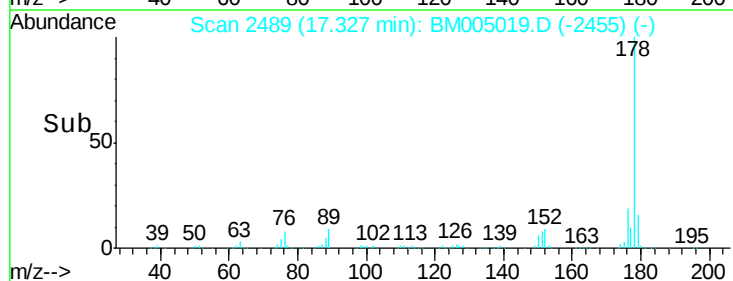
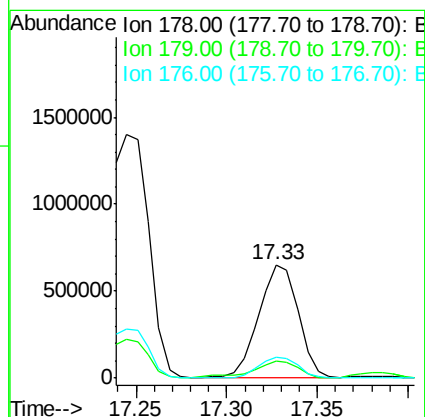
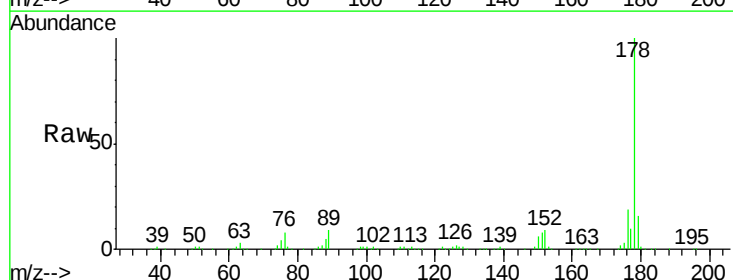
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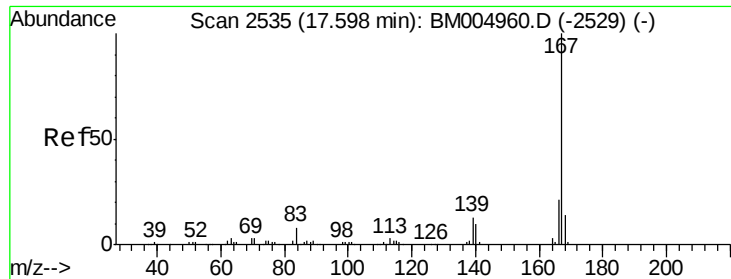
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#71
Anthracene
Concen: 75.94 ng/ul
RT: 17.33 min Scan# 2489
Delta R.T. 0.00 min
Lab File: BM005019.D
Acq: 21 Apr 2016 08:57

Tgt Ion:178 Resp: 988925
Ion Ratio Lower Upper
178 100
179 15.6 12.1 18.1
176 18.8 14.6 22.0





#72

Carbazole

Concen: 45.44 ng/ul

RT: 17.60 min Scan# 2535

Delta R.T. 0.00 min

Lab File: BM005019.D

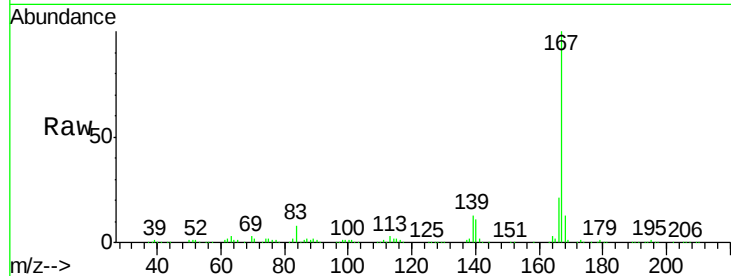
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Instrument :

BNA_M

ClientSampleId :

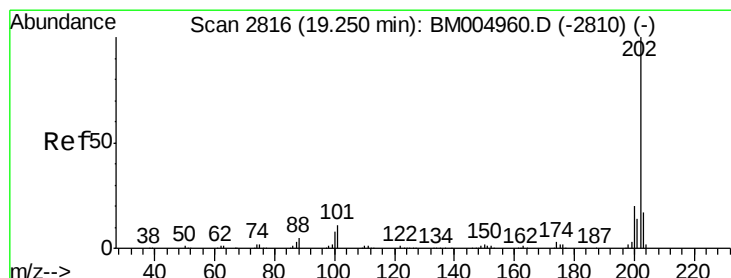
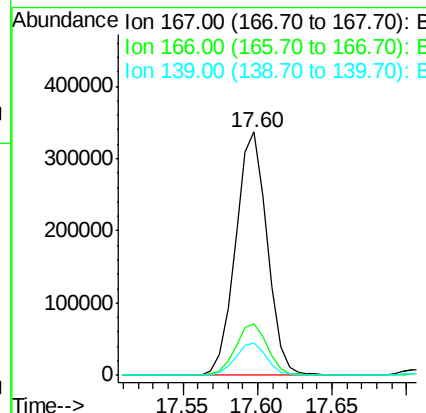
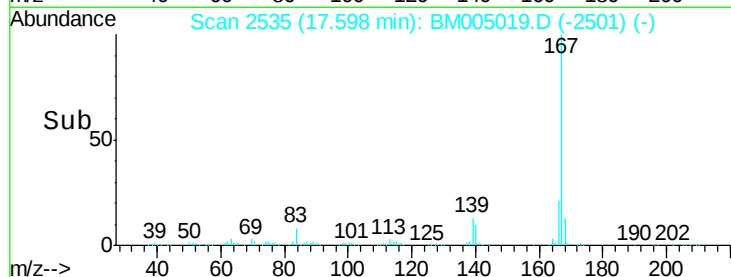
BC7J1



Tgt Ion:	167	Resp:	498176
Ion Ratio	Lower	Upper	
167	100		
166	21.4	16.6	25.0
139	13.2	10.2	15.4

Manual Integrations
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#74

Fluoranthene

Concen: 146.50 ng/ul

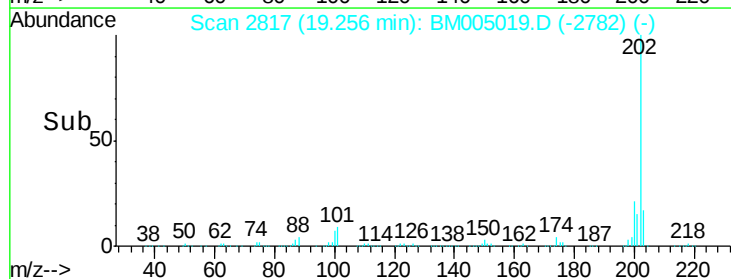
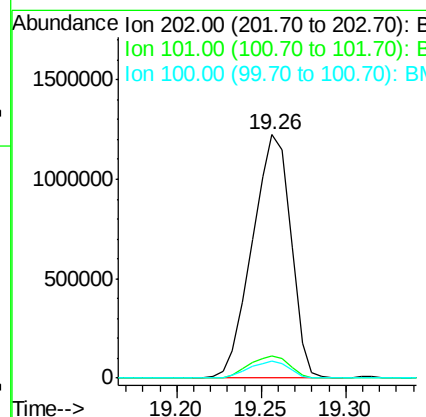
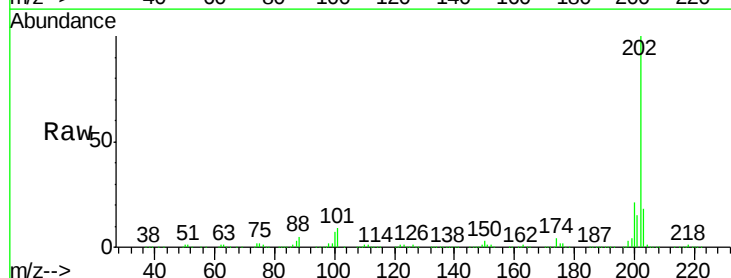
RT: 19.26 min Scan# 2817

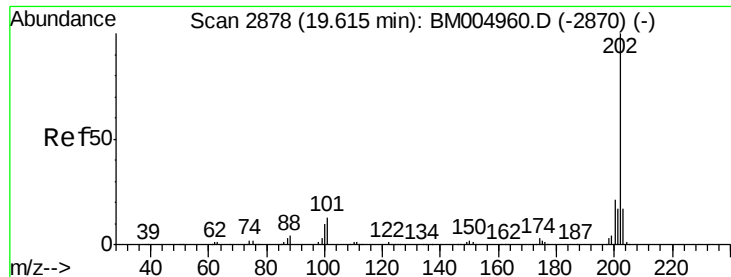
Delta R.T. 0.01 min

Lab File: BM005019.D

Acq: 21 Apr 2016 08:57

Tgt Ion:	202	Resp:	1942938
Ion Ratio	Lower	Upper	
202	100		
101	9.1	9.0	13.4
100	6.9	6.6	10.0





#77

Pyrene

Concen: 103.25 ng/ul

RT: 19.62 min Scan# 2879

Delta R.T. 0.01 min

Lab File: BM005019.D

Acq: 21 Apr 2016 08:57

Instrument :

BNA_M

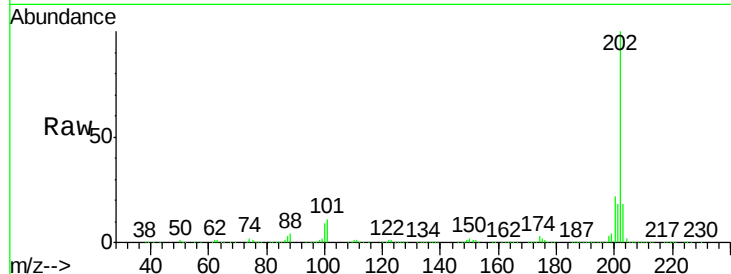
ClientSampleId :

BC7J1

Tgt Ion:	202	Resp:	1508466
Ion	Ratio	Lower	Upper
202	100		
101	11.2	10.5	15.7
100	9.1	8.2	12.2

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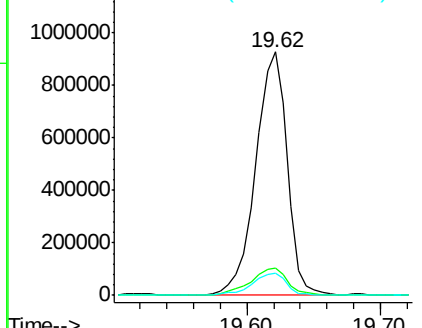
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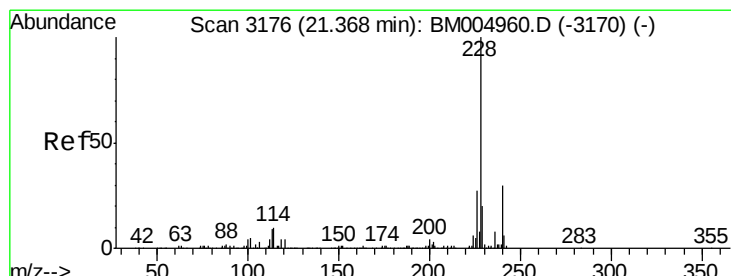
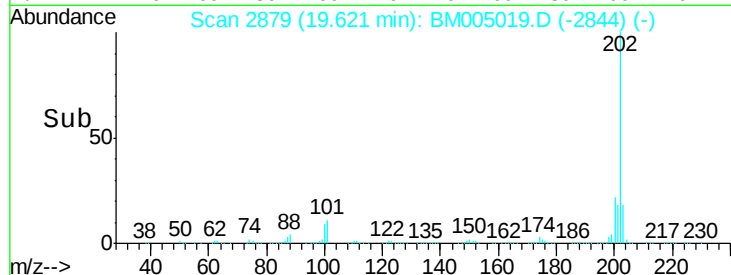
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#80

Benzo(a)anthracene

Concen: 46.32 ng/ul

RT: 21.36 min Scan# 3175

Delta R.T. 0.00 min

Lab File: BM005019.D

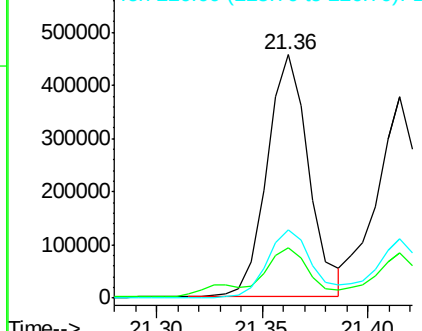
Acq: 21 Apr 2016 08:57

Tgt Ion:	228	Resp:	630657
Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.8	23.6
226	28.2	21.5	32.3

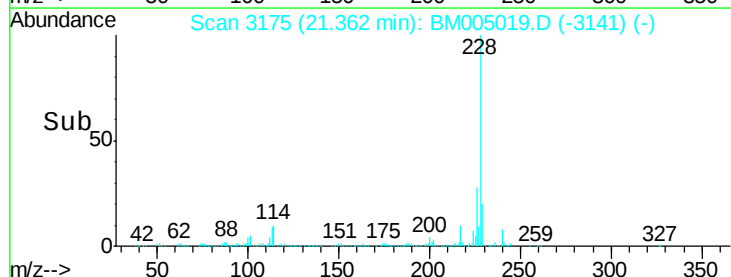
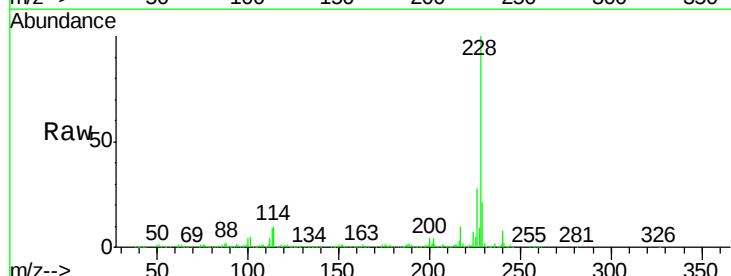
Abundance Ion 228.00 (227.70 to 228.70): E

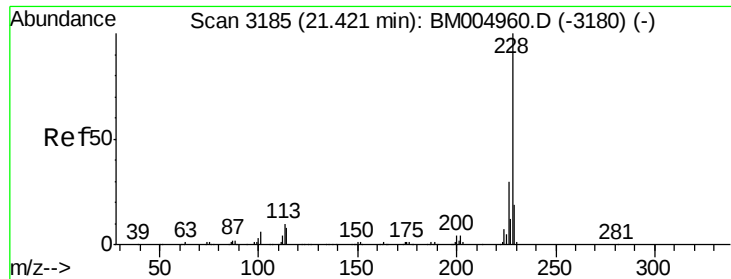
Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



Time-->





#82

Chrysene

Concen: 39.94 ng/ul

RT: 21.42 min Scan# 3184

Delta R.T. -0.01 min

Lab File: BM005019.D

Acq: 21 Apr 2016 08:57

Instrument :

BNA_M

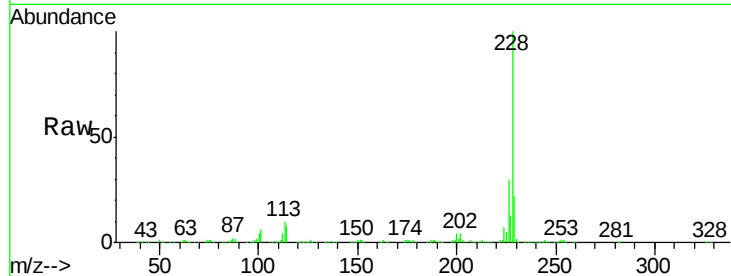
ClientSampleId :

BC7J1

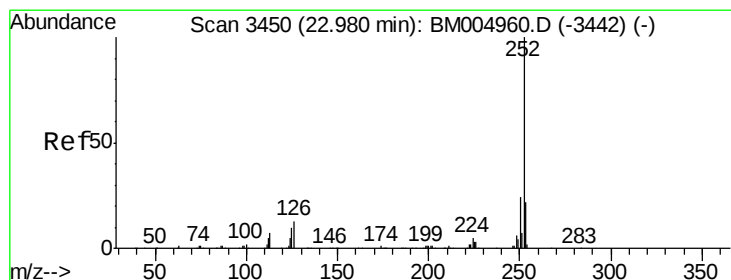
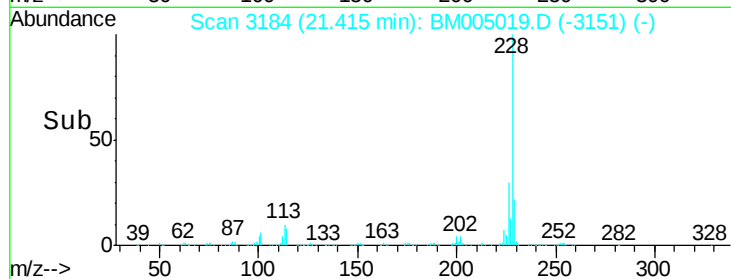
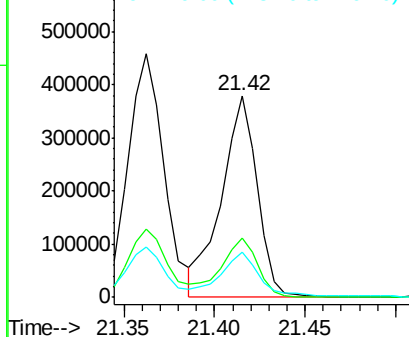
Tgt Ion:	228	Resp:	515231
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.2	36.2
229	22.5	15.5	23.3

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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: 31.84 ng/ul

RT: 22.97 min Scan# 3449

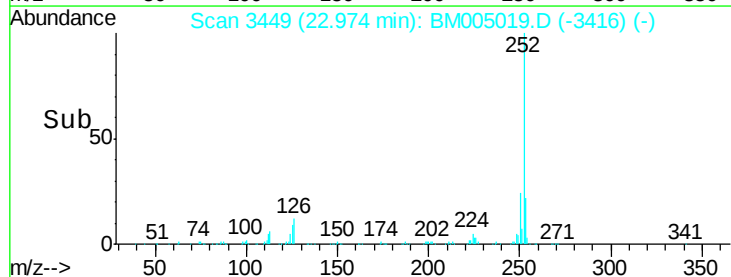
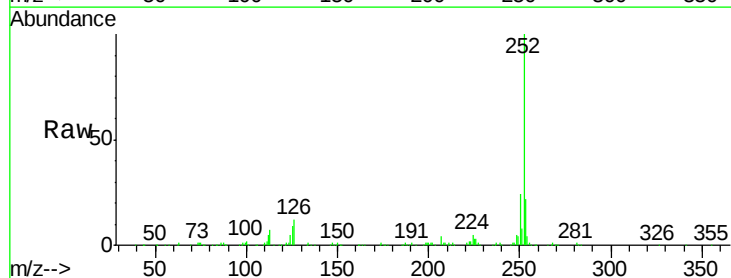
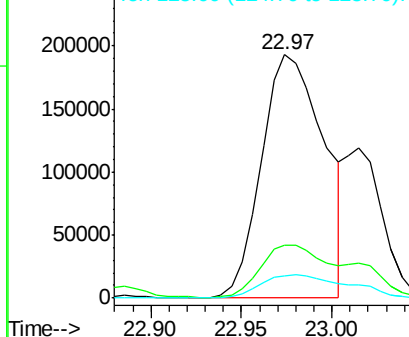
Delta R.T. -0.01 min

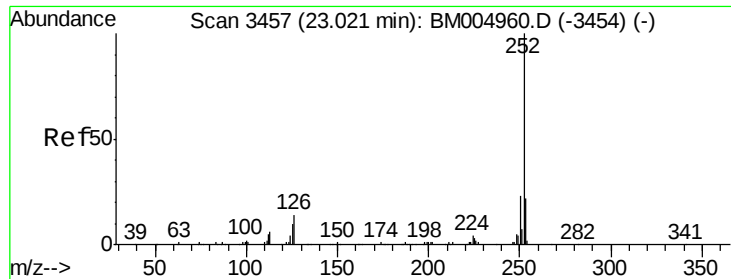
Lab File: BM005019.D

Acq: 21 Apr 2016 08:57

Tgt Ion:	252	Resp:	462271
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.4	26.0
125	9.1	7.8	11.6

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: 12.14 ng/ul m

RT: 23.02 min Scan# 3456

Delta R.T. -0.01 min

Lab File: BM005019.D

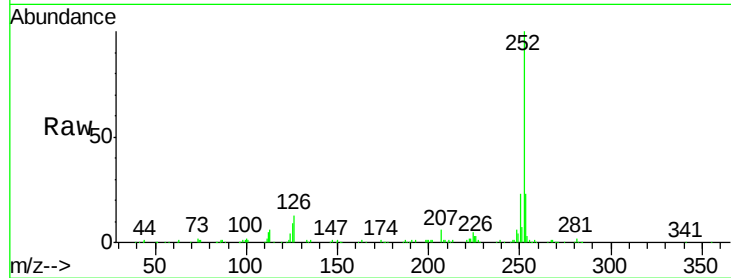
Acq: 21 Apr 2016 08:57

Instrument :

BNA_M

ClientSampleId :

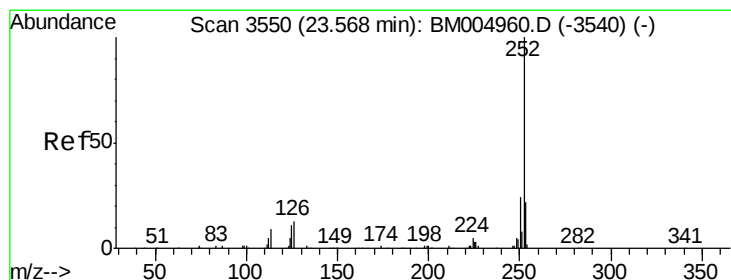
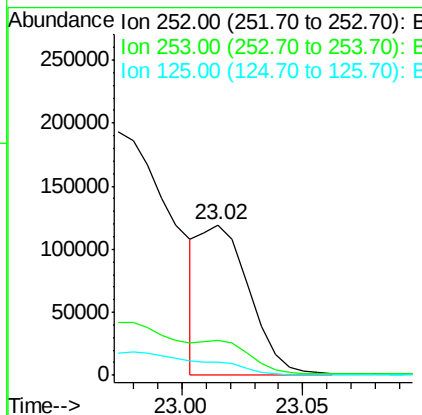
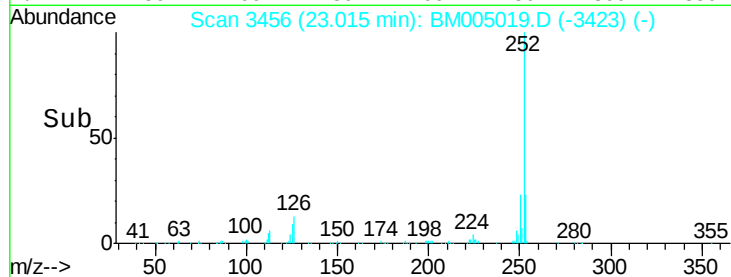
BC7J1



Tgt Ion:	252	Resp:	169997
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.5	26.3
125	9.1	7.9	11.9

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#88

Benzo(a)pyrene

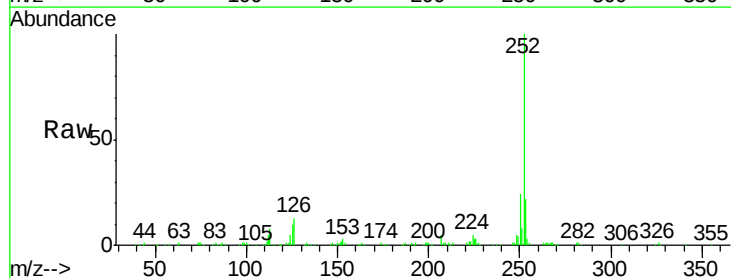
Concen: 21.65 ng/ul

RT: 23.56 min Scan# 3549

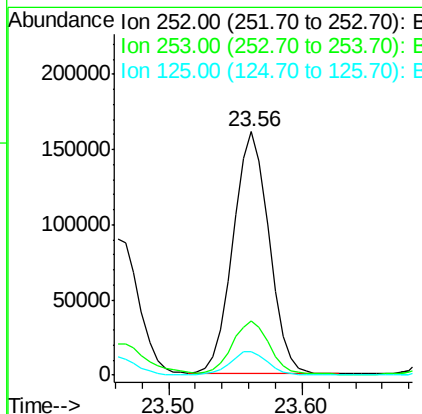
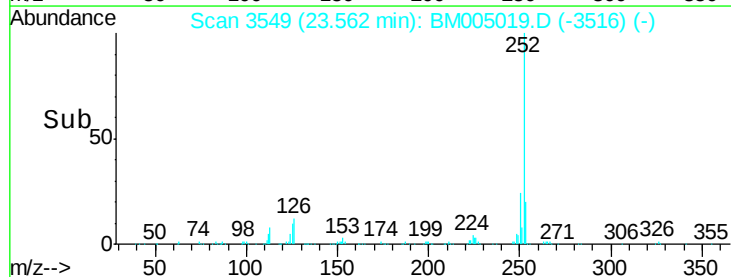
Delta R.T. -0.01 min

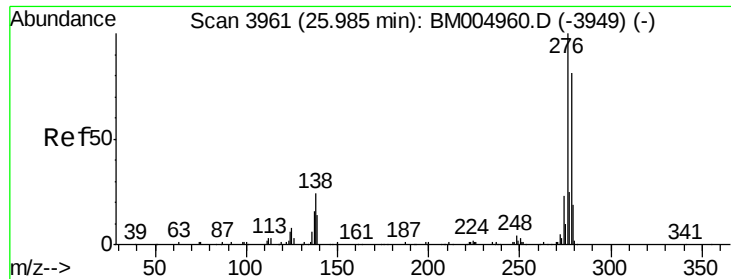
Lab File: BM005019.D

Acq: 21 Apr 2016 08:57



Tgt Ion:	252	Resp:	301056
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.5	26.3
125	9.9	8.3	12.5





#89

Indeno(1,2,3-cd)pyrene

Concen: 8.23 ng/ul

RT: 25.97 min Scan# 3958

Delta R.T. -0.02 min

Lab File: BM005019.D

Acq: 21 Apr 2016 08:57

Instrument :

BNA_M

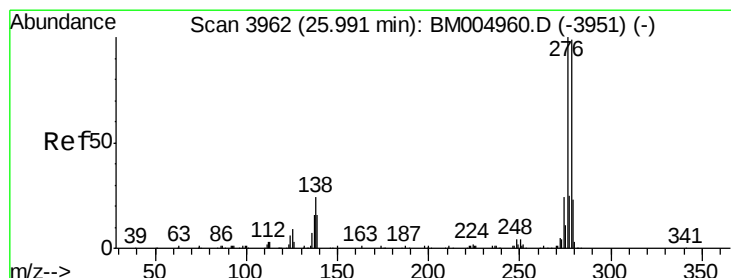
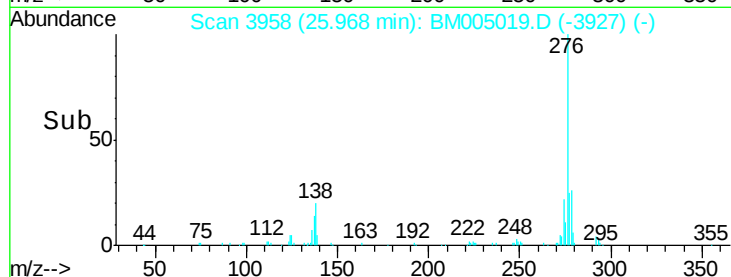
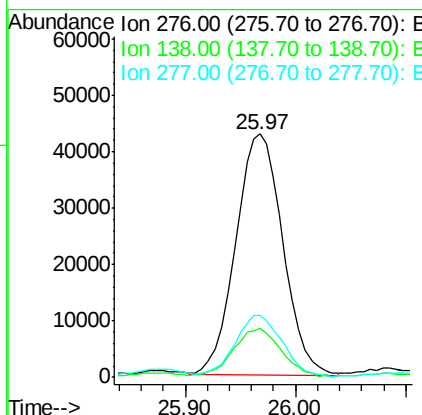
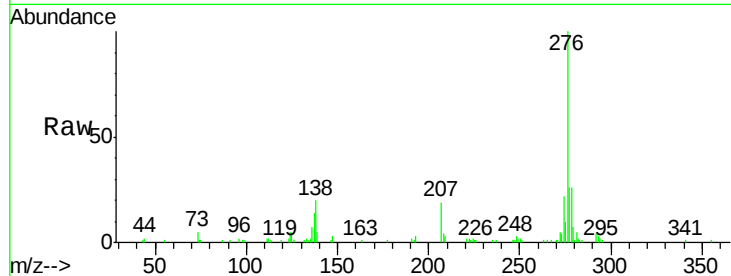
ClientSampled :

BC7J1

Tgt Ion:	276	Resp:	127377
Ion Ratio		Lower	Upper
276	100		
138	20.2	20.2	30.4#
277	25.5	20.4	30.6

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#90

Dibenzo(a,h)anthracene

Concen: 2.84 ng/ul

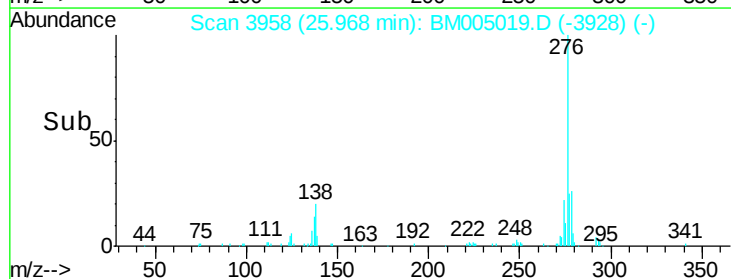
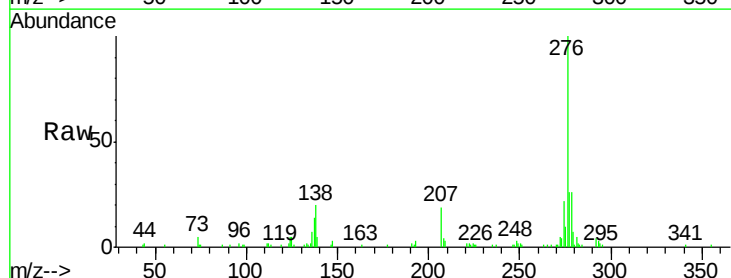
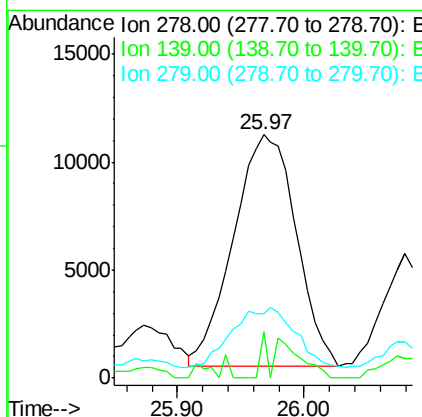
RT: 25.97 min Scan# 3958

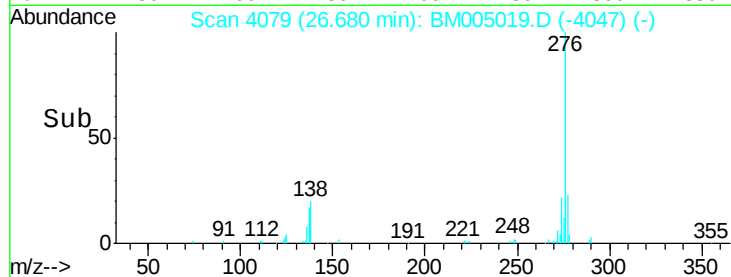
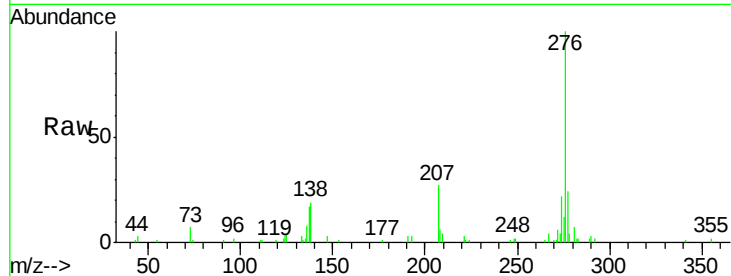
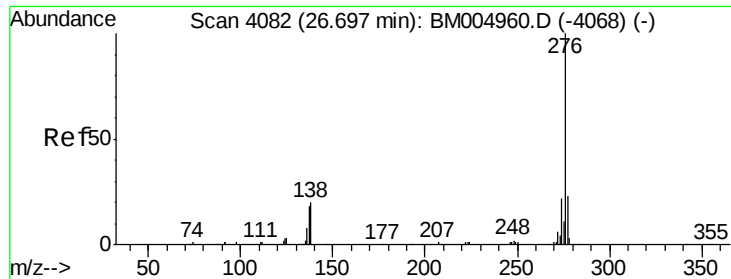
Delta R.T. -0.02 min

Lab File: BM005019.D

Acq: 21 Apr 2016 08:57

Tgt Ion:	278	Resp:	36778
Ion Ratio		Lower	Upper
278	100		
139	19.1	12.6	19.0#
279	26.4	19.1	28.7





#91

Benzo(g,h,i)perylene

Concen: 7.59 ng/ul

RT: 26.68 min Scan# 4079

Delta R.T. -0.01 min

Lab File: BM005019.D

Acq: 21 Apr 2016 08:57

Tgt Ion:	276	Resp:	98900
Ion Ratio	Lower	Upper	
276	100		
138	19.5	17.4	26.2
277	24.1	19.0	28.4

Instrument :

BNA_M

ClientSampleId :

BC7J1

Manual Integrations
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