

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
 Data File : BM005262.D
 Acq On : 06 May 2016 09:47
 Operator : UM/SJ
 Sample : H2729-02MEDL 2X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD3D0MEDL

Manual Integrations
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Quant Time: May 06 11:31:49 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 05 16:29:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	93858	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	464810	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	309197	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	740646	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	758309	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	763640	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	2147	1.08	ng/uL	0.00
5) Phenol-d5	6.95	99	50791	5.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	31646	6.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	39699	6.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	42331	6.02	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	19104	5.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	21163	5.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	43127	6.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	37863	4.50	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	162081	6.54	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	192412	6.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	16890	3.73	ng/ul	0.00
57) Fluorene-d10	15.40	176	154180	7.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	16896	4.06	ng/ul	0.00
70) Anthracene-d10	17.26	188	251728	7.69	ng/ul	0.00
76) Pyrene-d10	19.56	212	281894	8.05	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	266698	7.89	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	10.61	128	88958	3.80	ng/ul	99
34) 2-Methylnaphthalene	12.23	142	26834	1.53	ng/ul	100
47) Acenaphthylene	14.13	152	111871	3.64	ng/ul	99
49) Acenaphthene	14.47	153	55980	2.76	ng/ul	98
53) Dibenzofuran	14.81	168	111080	3.78	ng/ul	99
58) Fluorene	15.46	166	129246	5.62	ng/ul	99
69) Phenanthrene	17.21	178	1679386	43.12	ng/ul	99
71) Anthracene	17.30	178	487300	12.55	ng/ul	99
72) Carbazole	17.57	167	128905	3.77	ng/ul	99
74) Fluoranthene	19.23	202	2406200	55.77	ng/ul	97
77) Pyrene	19.60	202	2186207	49.71	ng/ul	97
80) Benzo(a)anthracene	21.34	228	1058303	24.26	ng/ul	98
82) Chrysene	21.40	228	1019113	24.63	ng/ul	97
85) Benzo(b)fluoranthene	22.96	252	1158753	25.96	ng/ul	98
86) Benzo(k)fluoranthene	22.99	252	432236m	10.29	ng/ul	
88) Benzo(a)pyrene	23.54	252	903070	21.39	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.93	276	480020	10.42	ng/ul	95
90) Dibenzo(a,h)anthracene	25.93	278	112737	2.92	ng/ul#	80
91) Benzo(g,h,i)perylene	26.63	276	408881	10.48	ng/ul	99

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

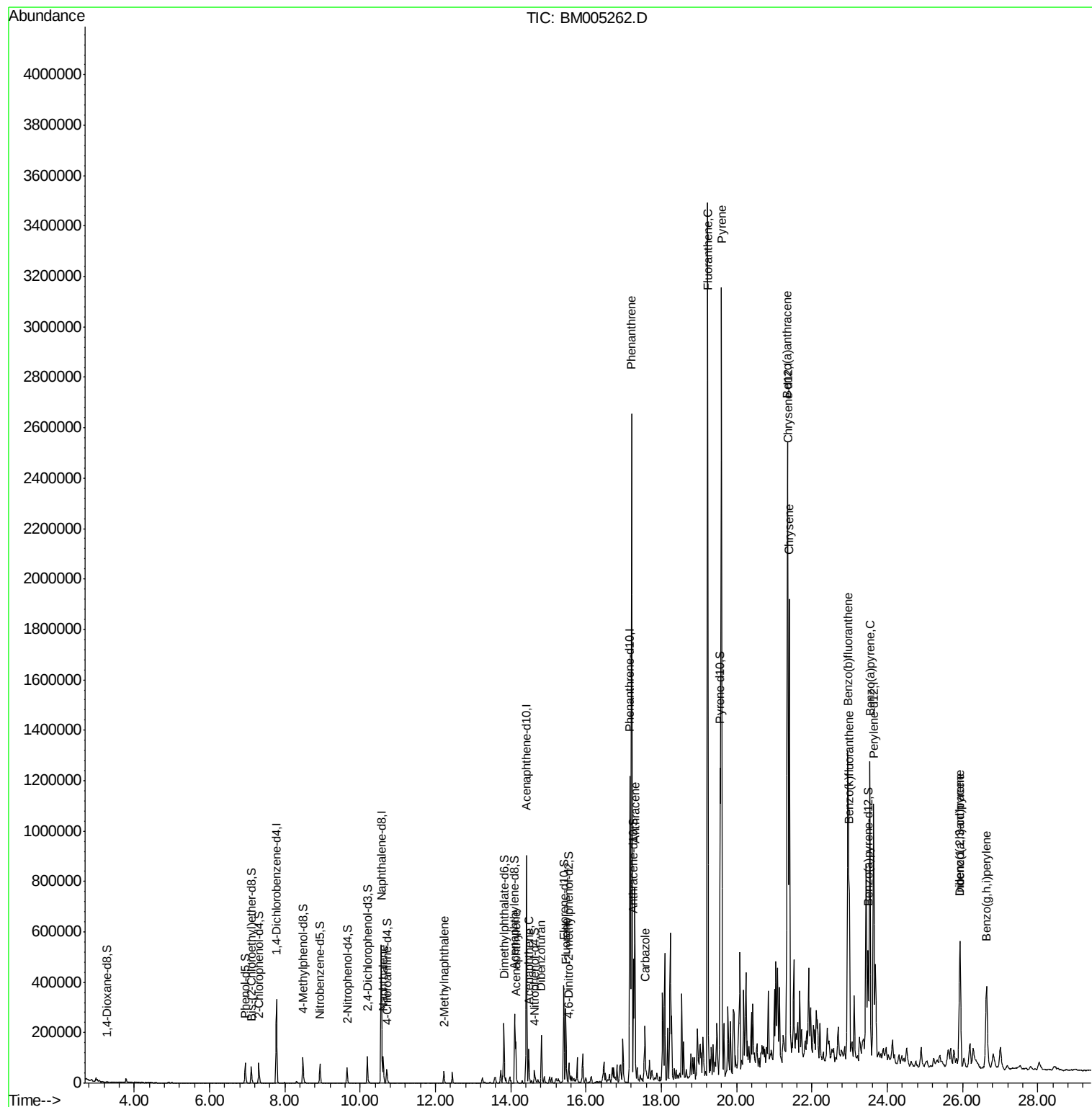
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
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Acq On : 06 May 2016 09:47
Operator : UM/SJ
Sample : H2729-02MEDL 2X
Misc :
ALS Vial : 34 Sample Multiplier: 1

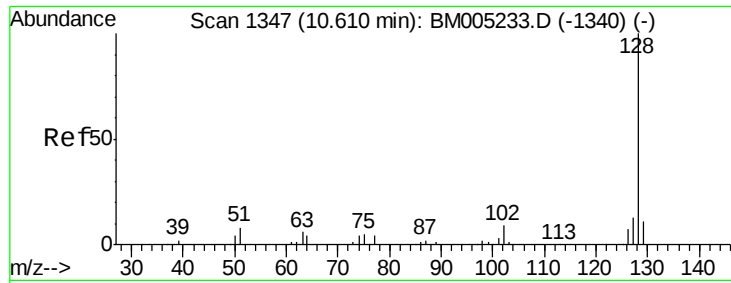
Instrument :
BNA_M
ClientSampleId :
BD3D0MEDL

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Quant Title : SVOA CALIBRATION
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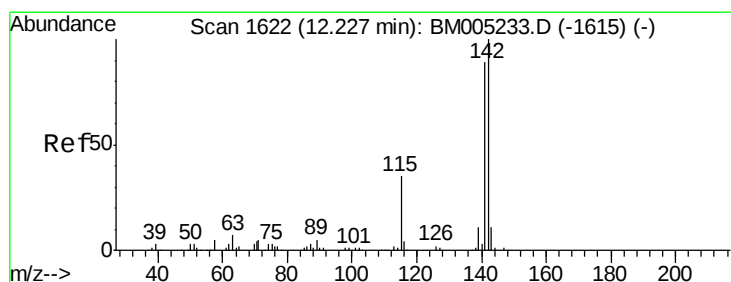
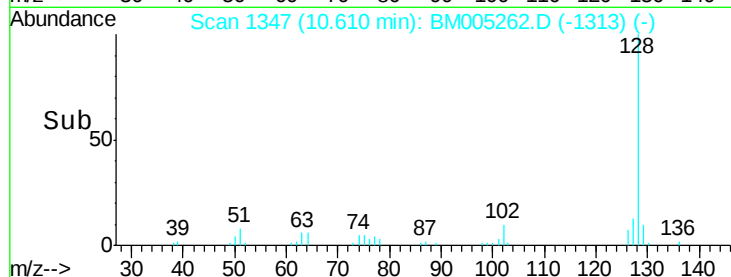
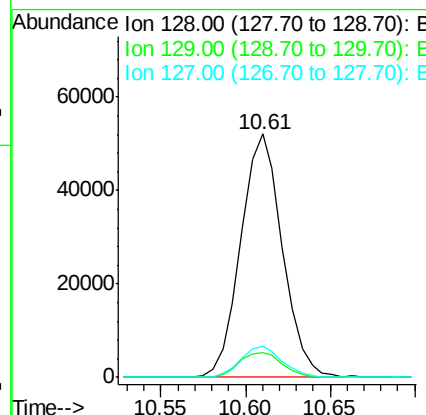
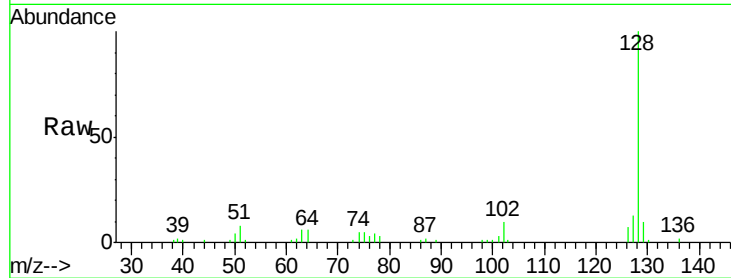
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Naphthalene
Concen: 3.80 ng/ul
RT: 10.61 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BM005262.D
Acq: 06 May 2016 09:47

Instrument :
BNA_M
ClientSampleId :
BD3D0MEDL

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	88958		
129	10.4		8.4	12.6
127	12.7		10.8	16.2

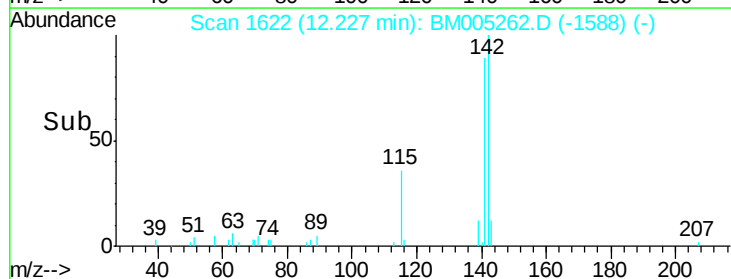
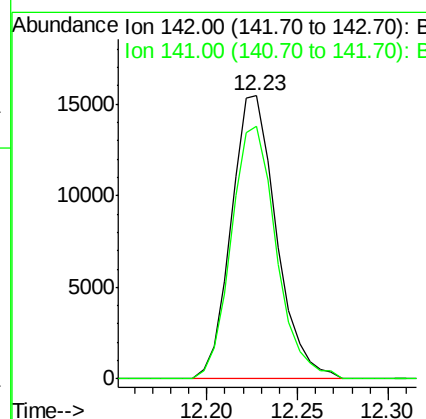
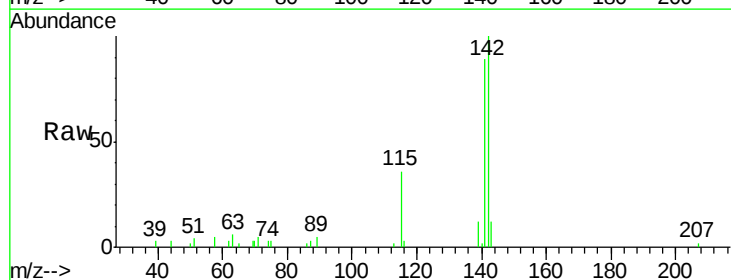
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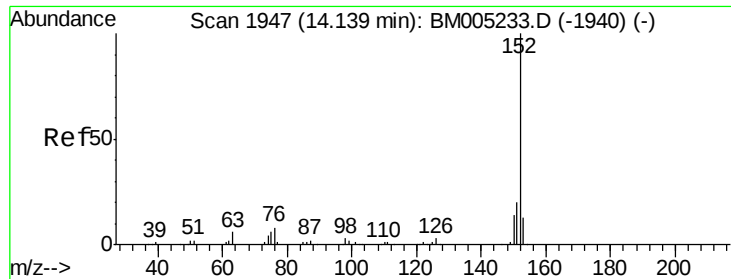
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#34
2-Methylnaphthalene
Concen: 1.53 ng/ul
RT: 12.23 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BM005262.D
Acq: 06 May 2016 09:47

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	26834		
141	89.2		71.3	106.9





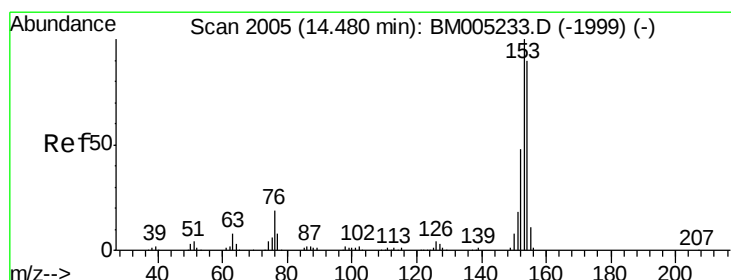
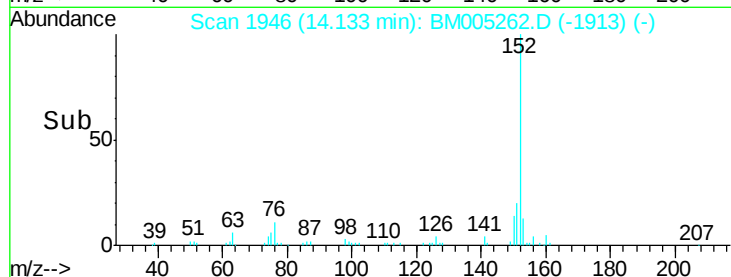
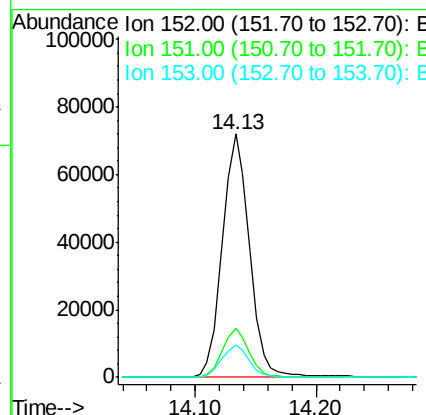
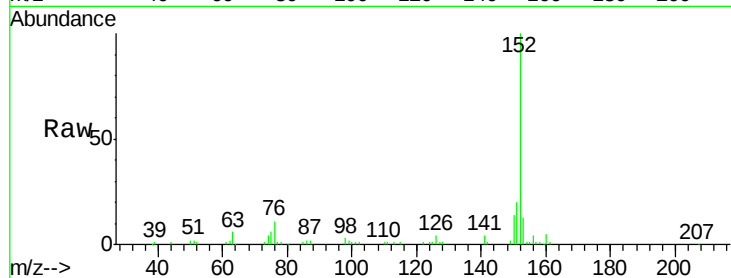
#47
Acenaphthylene
Concen: 3.64 ng/ul
RT: 14.13 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BM005262.D
Acq: 06 May 2016 09:47

Instrument :
BNA_M
ClientSampleId :
BD3D0MEDL

Tgt Ion:	152	Resp:	111871
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.0	24.0
153	13.4	10.3	15.5

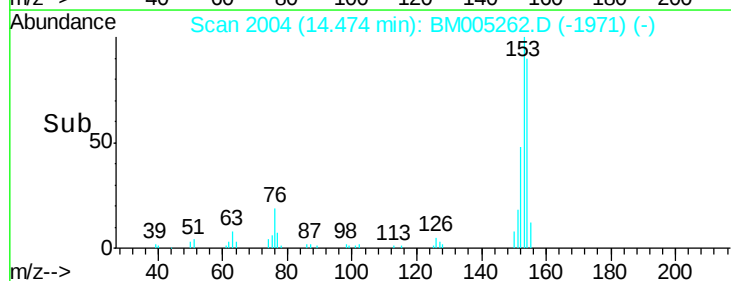
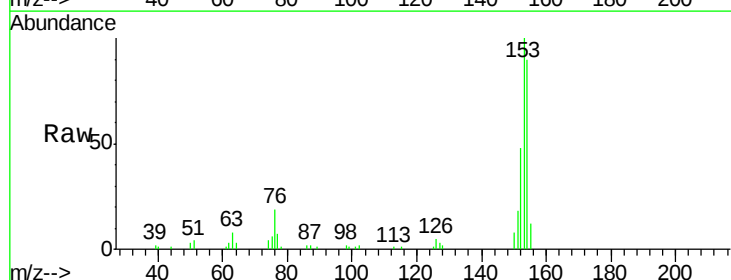
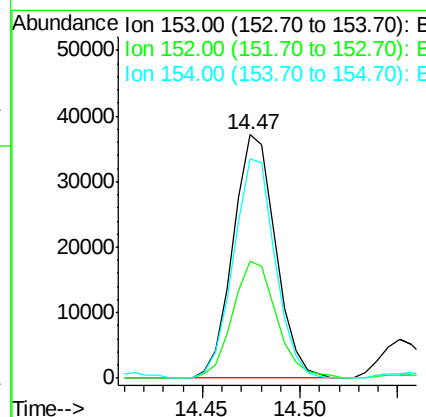
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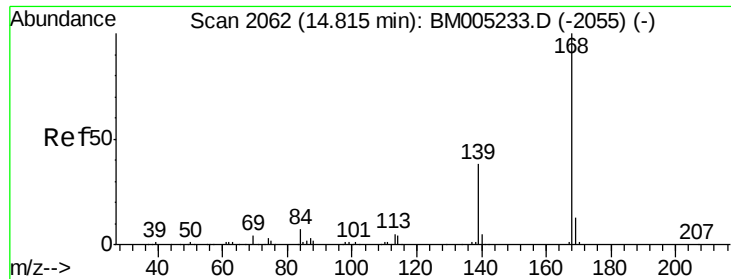
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#49
Acenaphthene
Concen: 2.76 ng/ul
RT: 14.47 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BM005262.D
Acq: 06 May 2016 09:47

Tgt Ion:	153	Resp:	55980
Ion Ratio	Lower	Upper	
153	100		
152	48.1	38.9	58.3
154	90.0	70.3	105.5





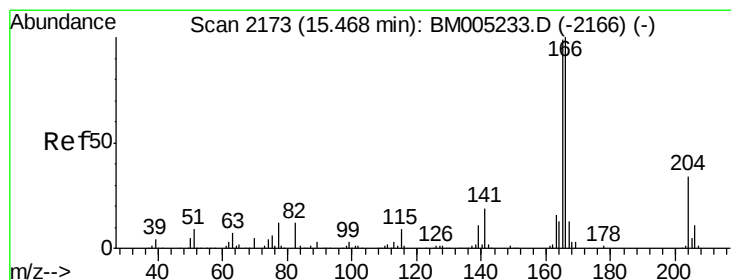
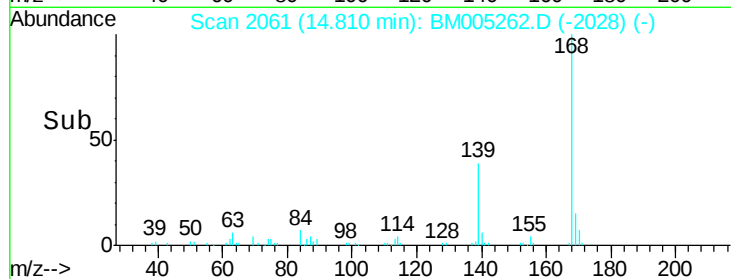
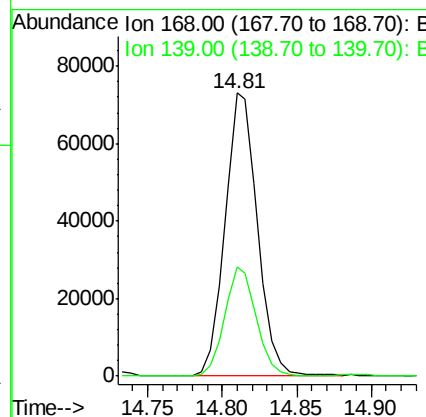
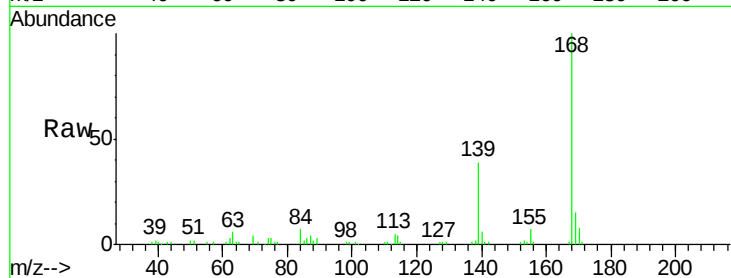
#53
Dibenzenofuran
Concen: 3.78 ng/ul
RT: 14.81 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BM005262.D
Acq: 06 May 2016 09:47

Instrument :
BNA_M
ClientSampleId :
BD3D0MEDL

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.3	45.5

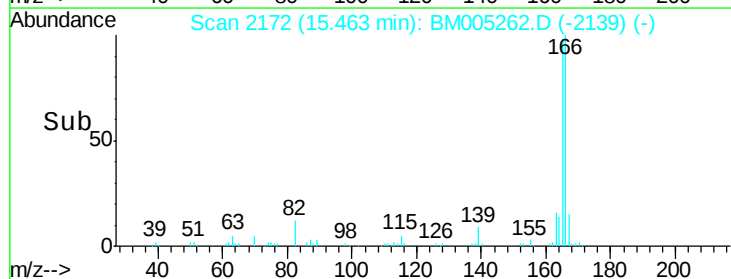
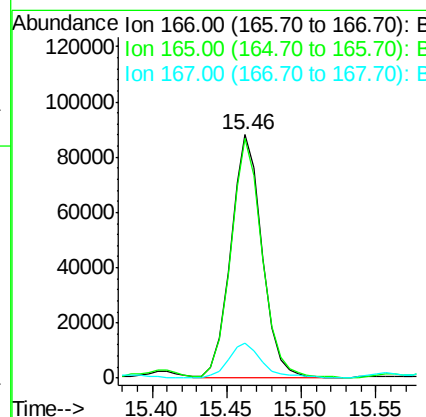
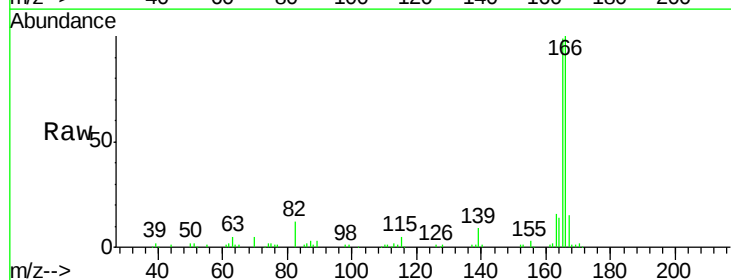
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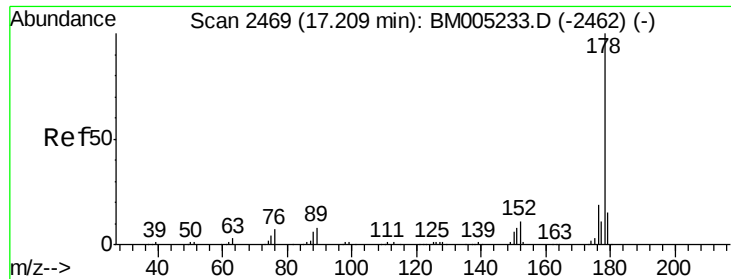
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#58
Fluorene
Concen: 5.62 ng/ul
RT: 15.46 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BM005262.D
Acq: 06 May 2016 09:47

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.9	116.9
167	14.5	10.6	16.0





#69

Phenanthrene

Concen: 43.12 ng/ul

RT: 17.21 min Scan# 2469

Delta R.T. 0.00 min

Lab File: BM005262.D

Acq: 06 May 2016 09:47

Instrument :

BNA_M

ClientSampleId :

BD3D0MEDL

Tgt Ion:178 Resp: 1679386

Ion Ratio Lower Upper

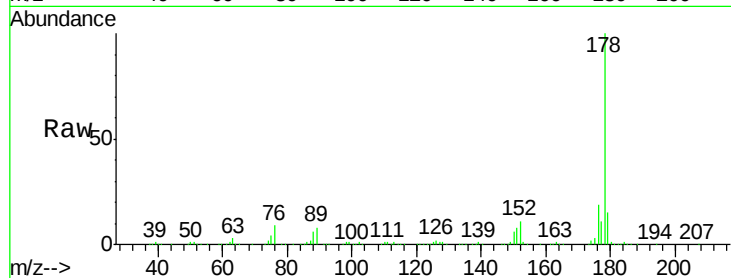
178 100

179 15.3 12.3 18.5

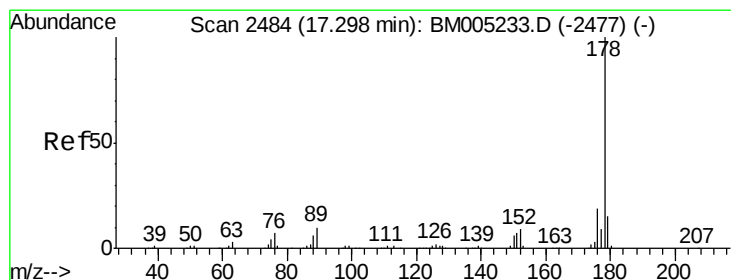
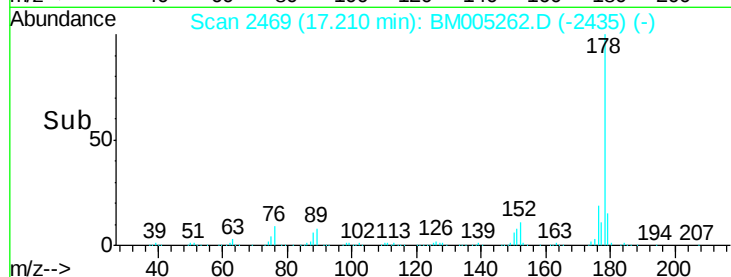
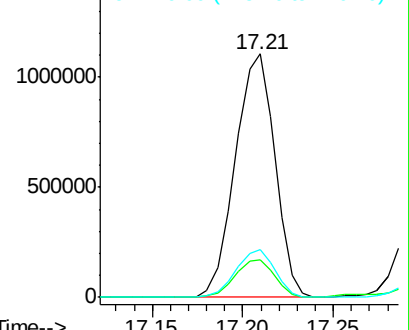
176 19.5 15.2 22.8

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Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 12.55 ng/ul

RT: 17.30 min Scan# 2484

Delta R.T. 0.00 min

Lab File: BM005262.D

Acq: 06 May 2016 09:47

Tgt Ion:178 Resp: 487300

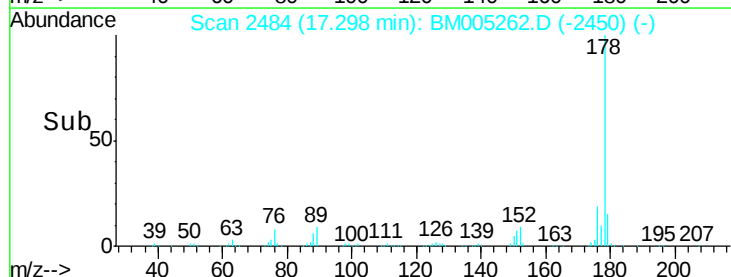
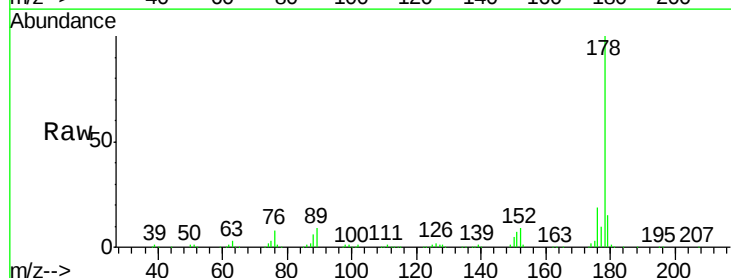
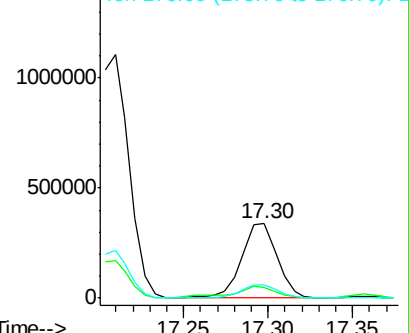
Ion Ratio Lower Upper

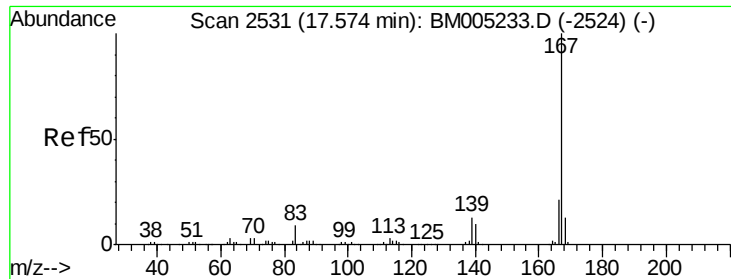
178 100

179 15.1 12.4 18.6

176 18.6 15.1 22.7

Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





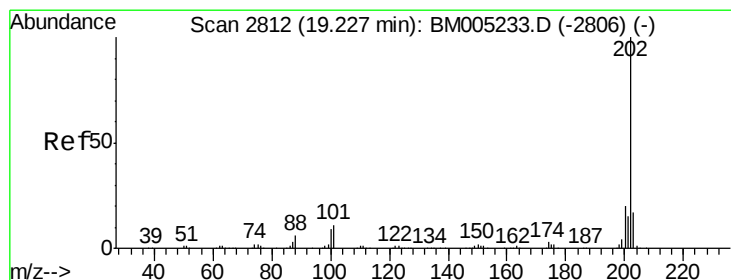
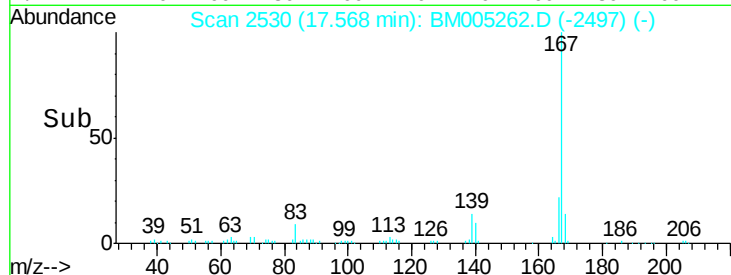
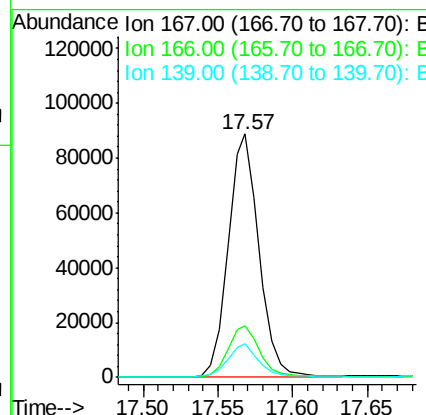
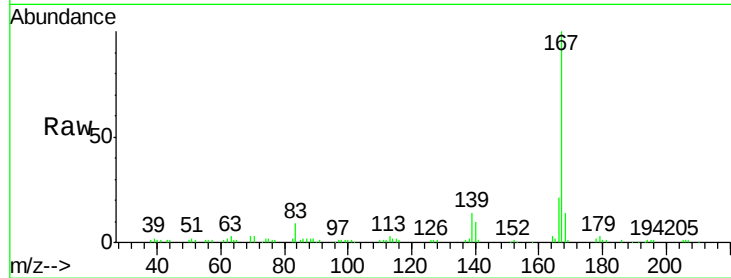
#72
 Carbazole
 Concen: 3.77 ng/ul
 RT: 17.57 min Scan# 2530
 Delta R.T. -0.01 min
 Lab File: BM005262.D
 Acq: 06 May 2016 09:47

Instrument :
 BNA_M
 ClientSampleId :
 BD3D0MEDL

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	128905		
166	21.5	17.1	25.7	
139	13.9	10.2	15.2	

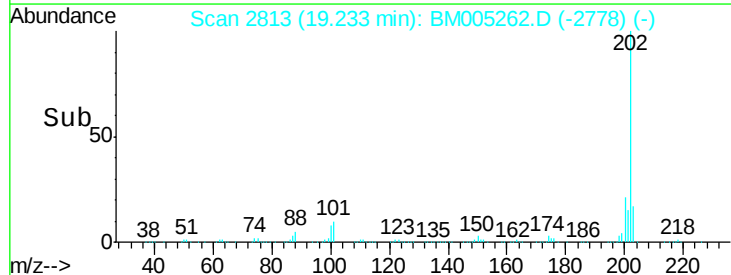
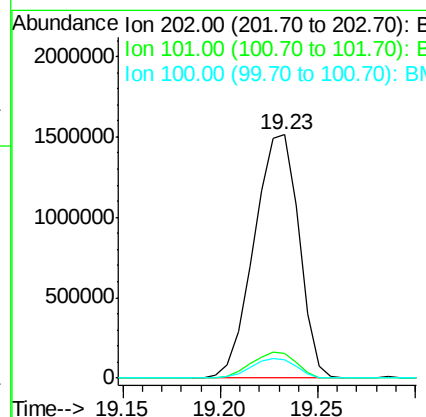
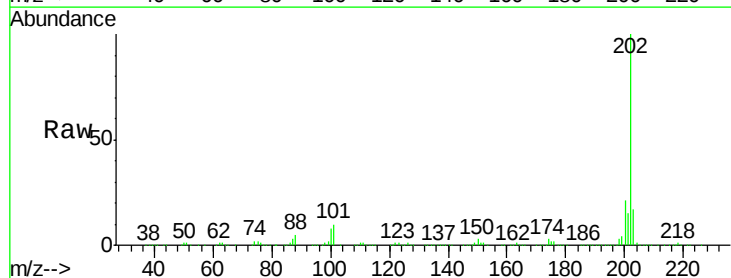
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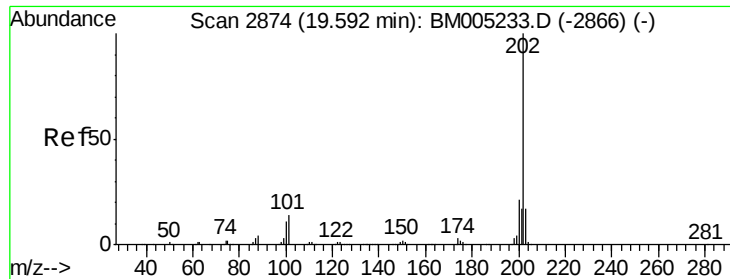
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#74
 Fluoranthene
 Concen: 55.77 ng/ul
 RT: 19.23 min Scan# 2813
 Delta R.T. 0.01 min
 Lab File: BM005262.D
 Acq: 06 May 2016 09:47

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	2406200		
101	10.2	9.2	13.8	
100	7.8	7.1	10.7	





#77

Pyrene

Concen: 49.71 ng/ul

RT: 19.60 min Scan# 2875

Delta R.T. 0.01 min

Lab File: BM005262.D

Acq: 06 May 2016 09:47

Instrument :

BNA_M

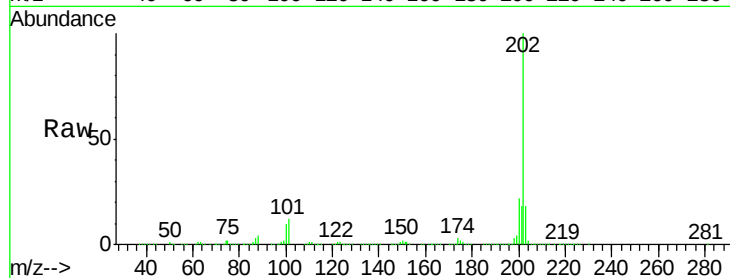
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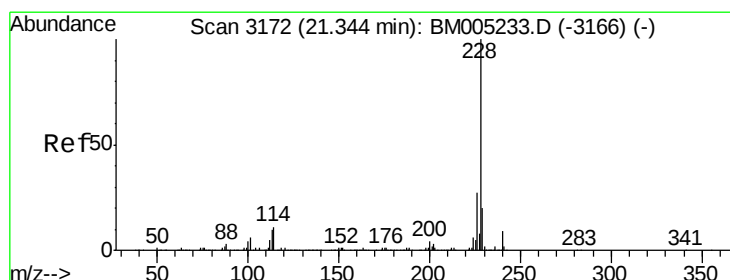
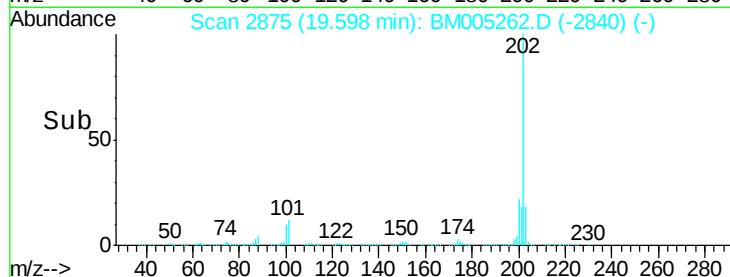
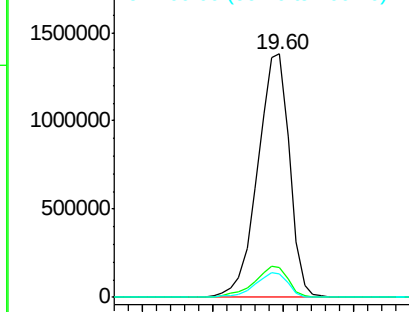
Tgt Ion:	202	Resp:	2186207
Ion	Ratio	Lower	Upper
202	100		
101	12.0	10.8	16.2
100	9.5	8.4	12.6

Manual Integrations
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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: 24.26 ng/ul

RT: 21.34 min Scan# 3172

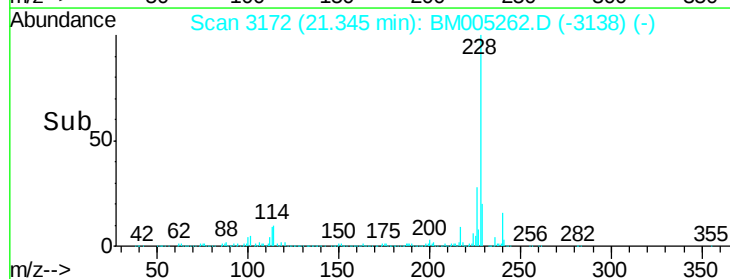
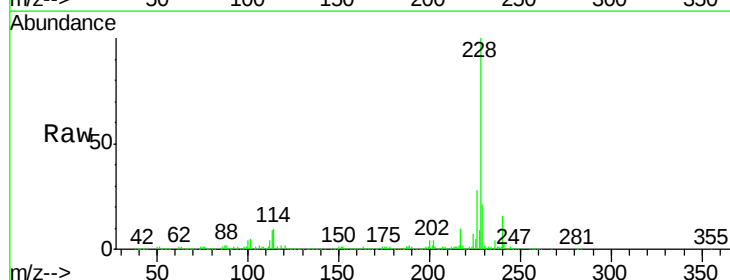
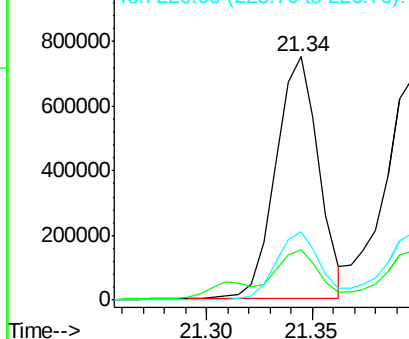
Delta R.T. 0.00 min

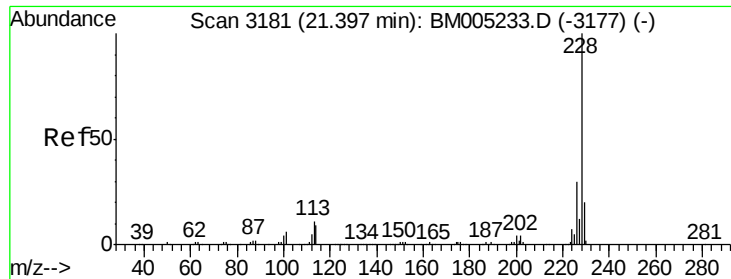
Lab File: BM005262.D

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Tgt Ion:	228	Resp:	1058303
Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.5	23.3
226	28.0	21.8	32.8

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: 24.63 ng/ul

RT: 21.40 min Scan# 3181

Delta R.T. 0.00 min

Lab File: BM005262.D

Acq: 06 May 2016 09:47

Instrument :

BNA_M

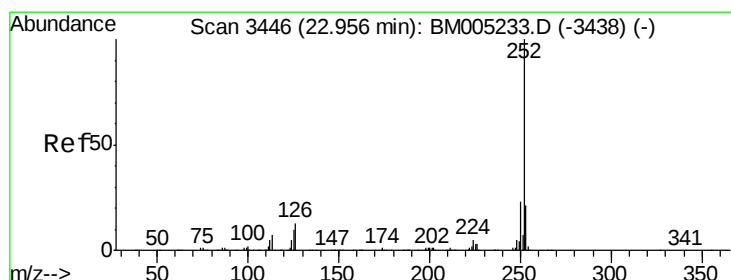
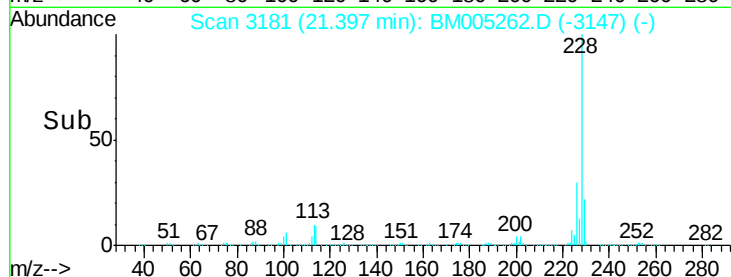
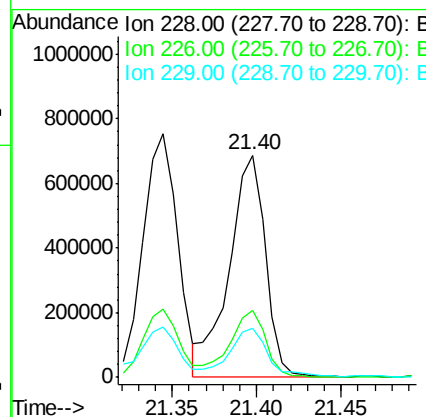
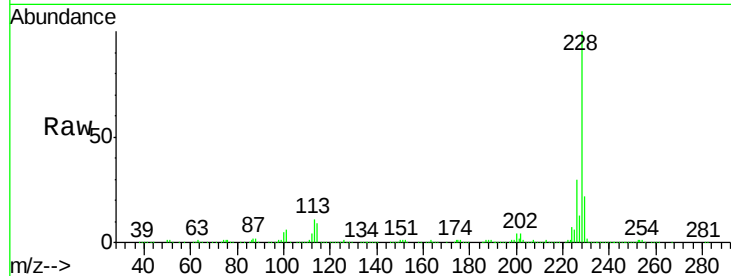
ClientSampleId :

BD3D0MEDL

Tgt Ion:	228	Resp:	1019113
Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.6	35.4
229	22.3	15.4	23.0

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#85

Benzo(b)fluoranthene

Concen: 25.96 ng/ul

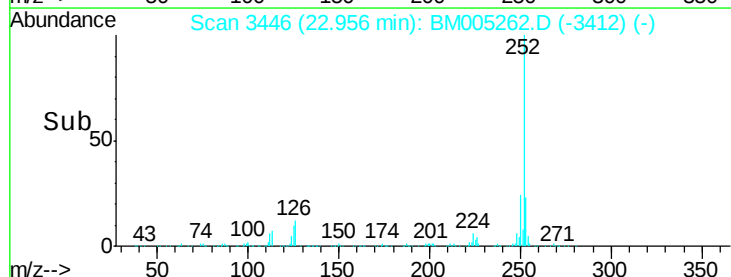
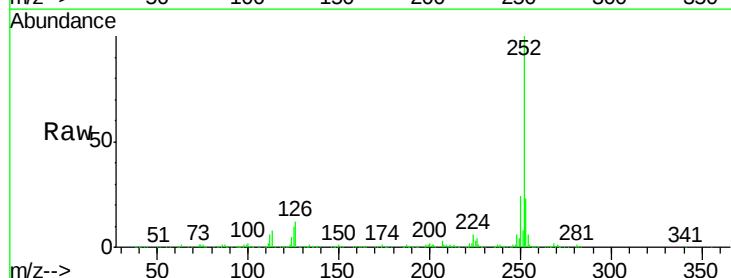
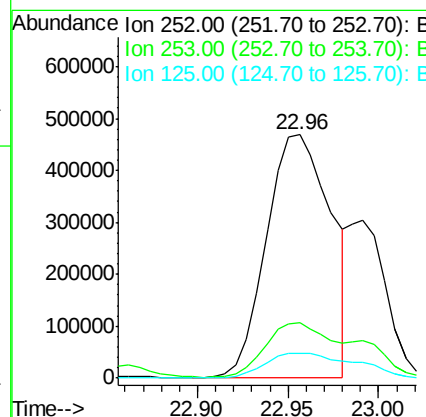
RT: 22.96 min Scan# 3446

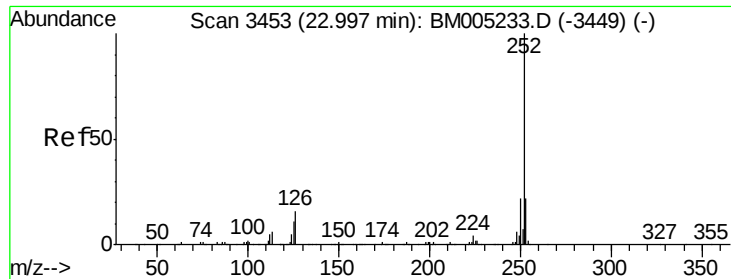
Delta R.T. 0.00 min

Lab File: BM005262.D

Acq: 06 May 2016 09:47

Tgt Ion:	252	Resp:	1158753
Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	10.3	8.4	12.6





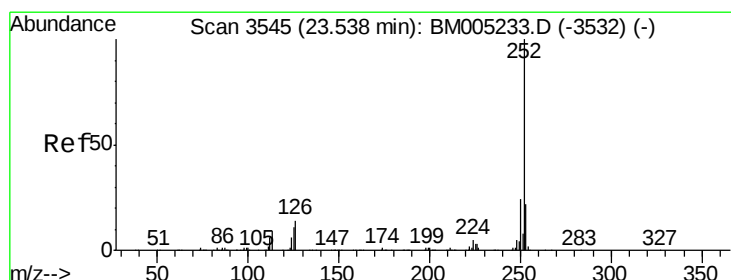
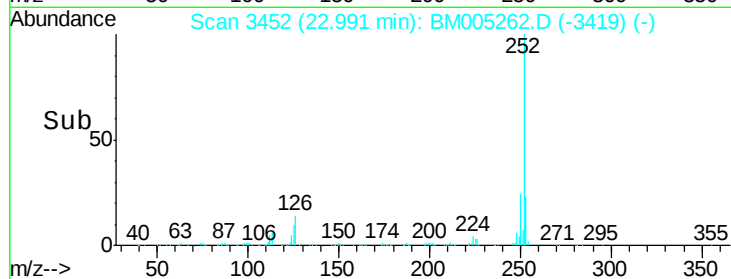
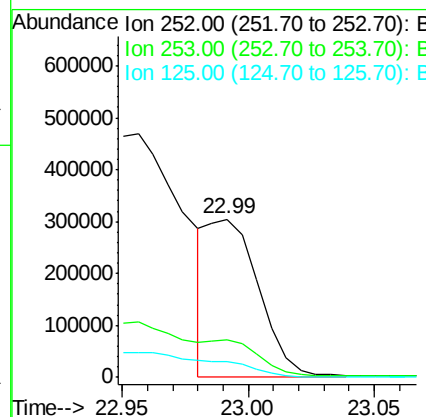
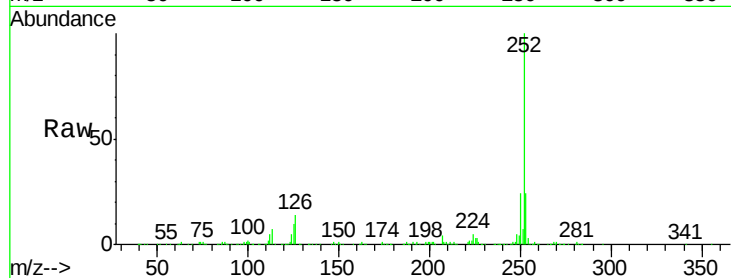
#86
Benzo(k)fluoranthene
Concen: 10.29 ng/ul m
RT: 22.99 min Scan# 3452
Delta R.T. -0.01 min
Lab File: BM005262.D
Acq: 06 May 2016 09:47

Instrument :
BNA_M
ClientSampleId :
BD3D0MEDL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.3	25.9
125	9.9	8.0	12.0

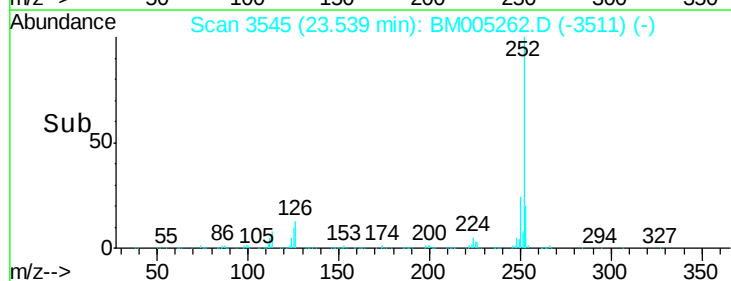
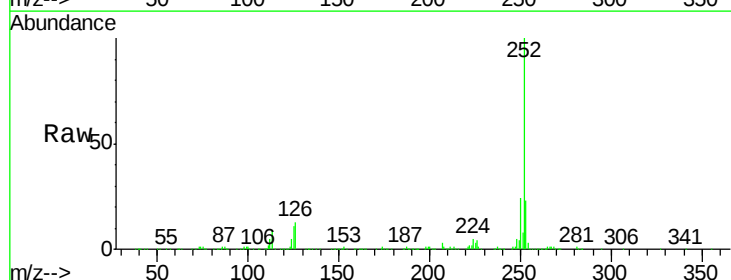
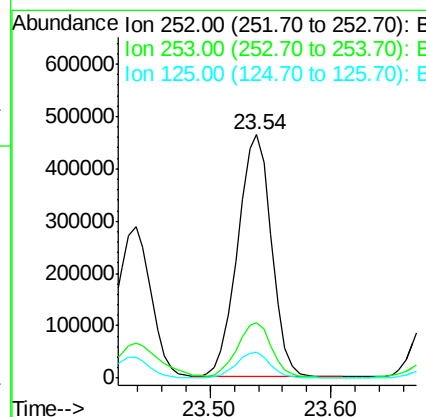
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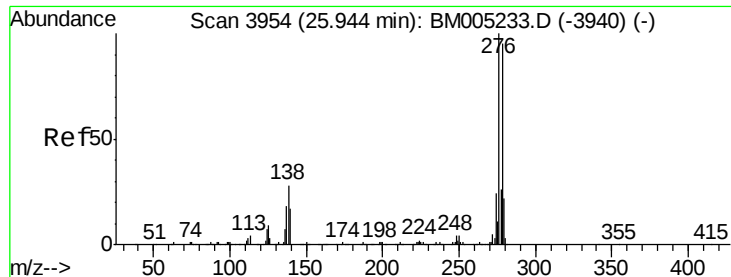
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#88
Benzo(a)pyrene
Concen: 21.39 ng/ul
RT: 23.54 min Scan# 3545
Delta R.T. 0.00 min
Lab File: BM005262.D
Acq: 06 May 2016 09:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	10.6	8.7	13.1





#89

Indeno(1,2,3-cd)pyrene

Concen: 10.42 ng/ul

RT: 25.93 min Scan# 3951

Delta R.T. -0.02 min

Lab File: BM005262.D

Acq: 06 May 2016 09:47

Instrument :

BNA_M

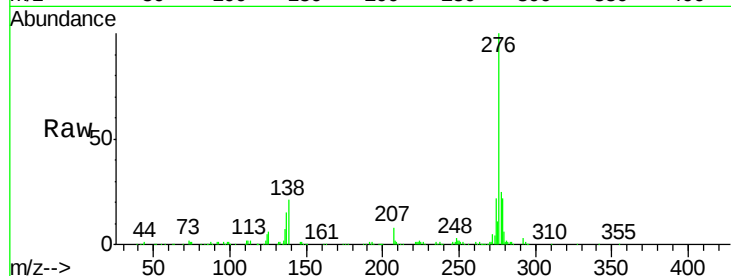
ClientSampleId :

BD3D0MEDL

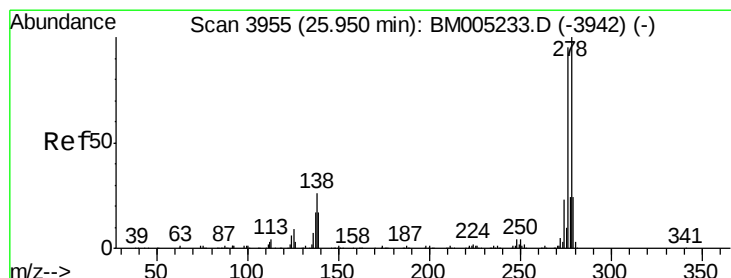
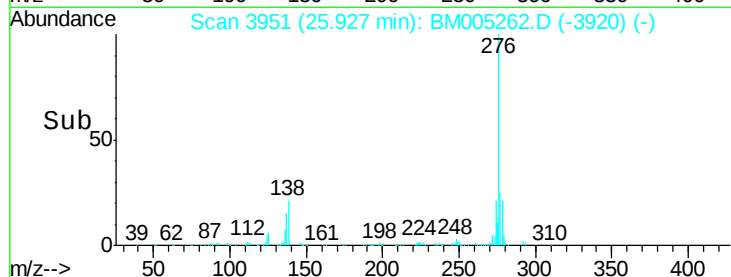
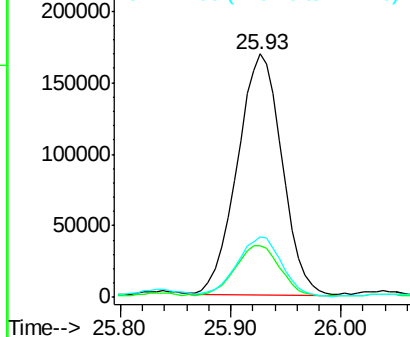
Tgt Ion:	276	Resp:	480020
Ion Ratio		Lower	Upper
276	100		
138	21.4	21.0	31.6
277	25.0	19.9	29.9

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#90

Dibenzo(a,h)anthracene

Concen: 2.92 ng/ul

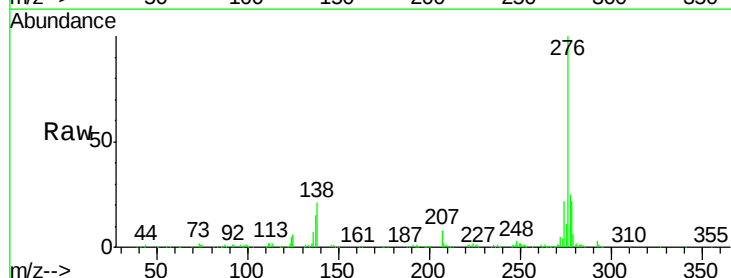
RT: 25.93 min Scan# 3951

Delta R.T. -0.02 min

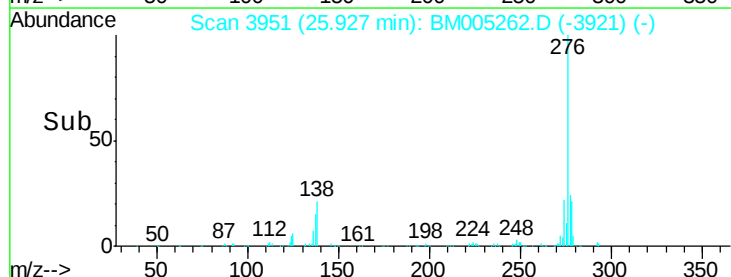
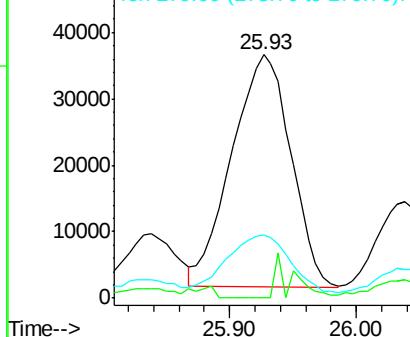
Lab File: BM005262.D

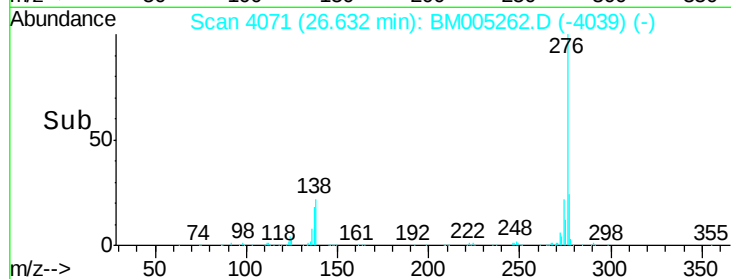
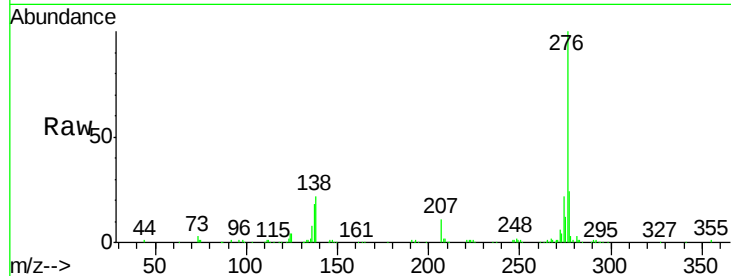
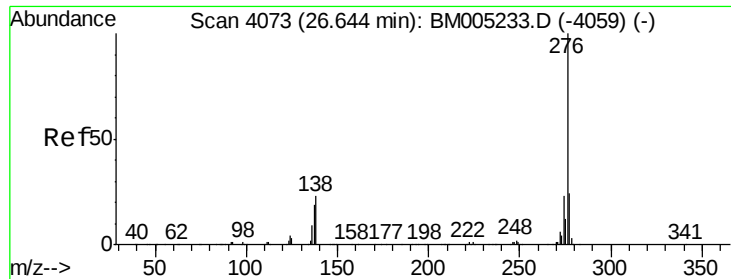
Acq: 06 May 2016 09:47

Tgt Ion:	278	Resp:	112737
Ion Ratio		Lower	Upper
278	100		
139	0.0	13.8	20.6#
279	26.1	18.9	28.3



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 10.48 ng/ul

RT: 26.63 min Scan# 4071

Delta R.T. -0.01 min

Lab File: BM005262.D

Acq: 06 May 2016 09:47

Tgt Ion:	276	Resp:	408881
Ion Ratio	Lower	Upper	
276	100		
138	22.0	18.2	27.4
277	24.2	19.4	29.2

Instrument :

BNA_M

ClientSampleId :

BD3D0MEDL

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