

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110115\
 Data File : BM003043.D
 Acq On : 02 Nov 2015 00:25
 Operator : UM/IZ
 Sample : G4210-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC768

Manual Integrations
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 11/2/2015 4:35:04 PM

Quant Time: Nov 02 03:32:58 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 02 02:48:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	166165	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	719611	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	365465	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	691664	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	649912	20.00	ng/ul	0.00
86) Perylene-d12	23.61	264	659848	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	12545	3.56	ng/uL	0.00
5) Phenol-d5	6.93	99	292085	22.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	166988	21.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	247517	22.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	184609	17.43	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	115220	26.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	119779	26.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	235616	23.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	199266	15.44	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	726694	26.43	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	876393	25.15	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	90771	19.59	ng/ul	0.00
58) Fluorene-d10	15.40	176	600014	25.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	62950	19.65	ng/ul	0.00
71) Anthracene-d10	17.25	188	822632	26.83	ng/ul	0.00
79) Pyrene-d10	19.54	212	825292	25.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	855081	27.27	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	6.95	94	17221	1.27	ng/ul#	91
45) Dimethylphthalate	13.86	163	475049	16.96	ng/ul	100
70) Phenanthrene	17.19	178	370814	9.47	ng/ul	100
72) Anthracene	17.29	178	88353	2.31	ng/ul	99
75) Carbazole	17.55	167	38797	1.19	ng/ul	97
77) Fluoranthene	19.22	202	552034	13.94	ng/ul	95
80) Pyrene	19.57	202	444746	10.46	ng/ul	95
83) Benzo(a)anthracene	21.33	228	212651	5.96	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.26	149	20186	1.03	ng/ul#	96
85) Chrysene	21.37	228	220060	6.23	ng/ul	97
88) Benzo(b)fluoranthene	22.93	252	287333	7.56	ng/ul	96
89) Benzo(k)fluoranthene	22.97	252	98423m	2.77	ng/ul	
91) Benzo(a)pyrene	23.51	252	194793	5.41	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.90	276	139679	3.53	ng/ul#	92
93) Dibenzo(a,h)anthracene	25.91	278	34840	1.12	ng/ul#	90
94) Benzo(g,h,i)perylene	26.60	276	131680	3.70	ng/ul	95

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

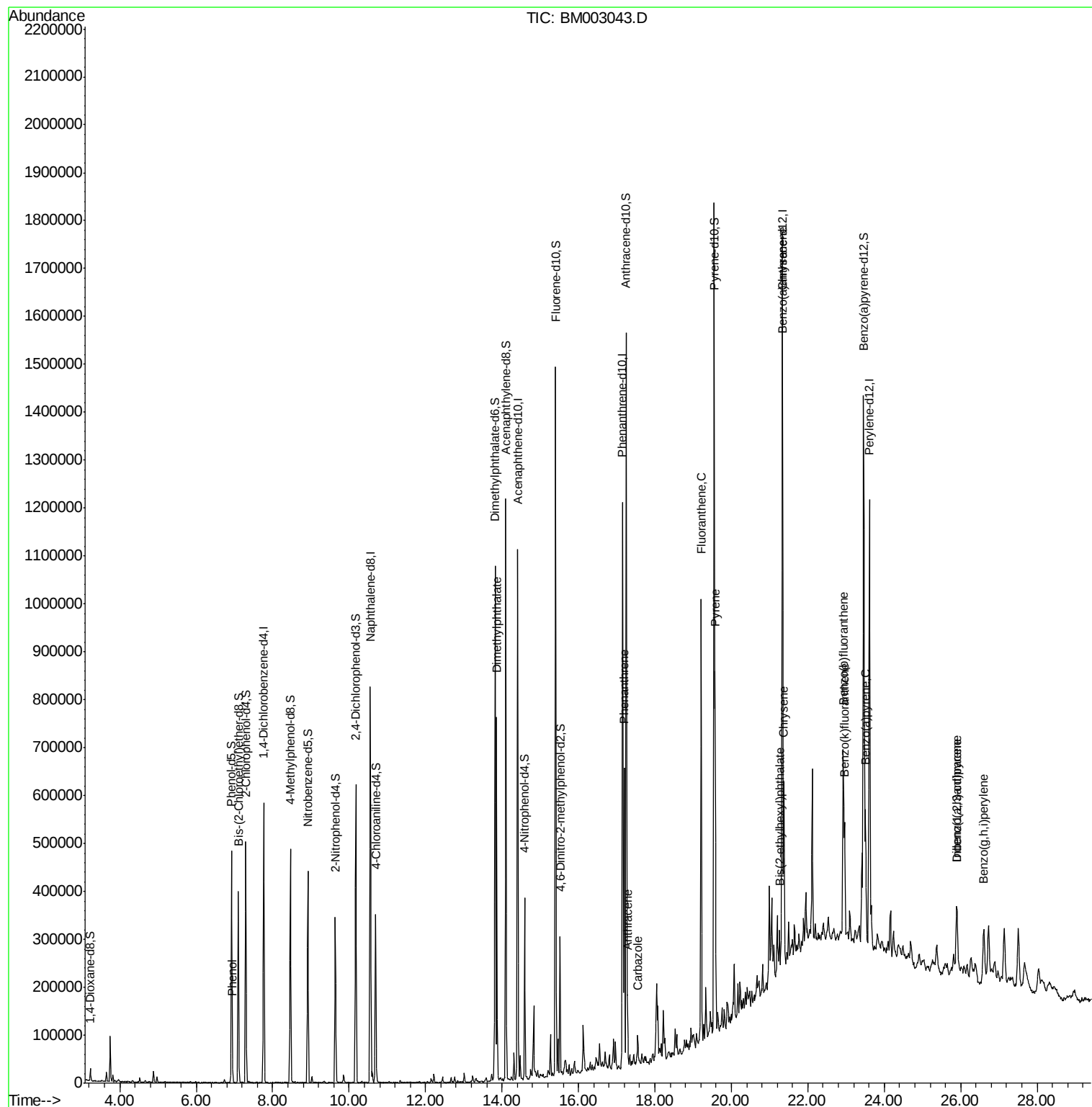
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110115\
Data File : BM003043.D
Acq On : 02 Nov 2015 00:25
Operator : UM/IZ
Sample : G4210-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

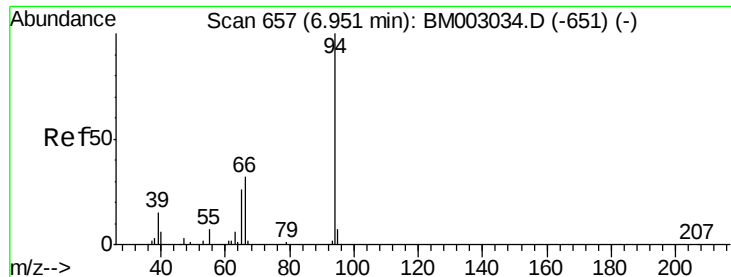
Instrument :
BNA_M
ClientSampleId :
BC768

Manual Integrations
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Quant Time: Nov 02 03:32:58 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 02 02:48:24 2015
Response via : Initial Calibration





#6

Phenol

Concen: 1.27 ng/ul

RT: 6.95 min Scan# 657

Delta R.T. 0.00 min

Lab File: BM003043.D

Acq: 02 Nov 2015 00:25

Instrument :

BNA_M

ClientSampleId :

BC768

Tgt Ion: 94 Resp: 17221

Ion Ratio Lower Upper

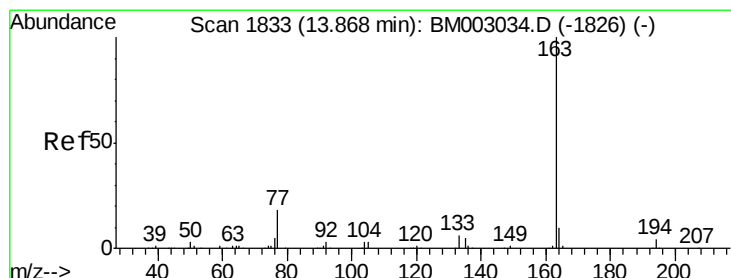
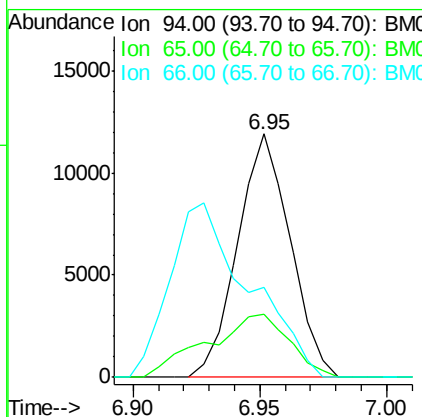
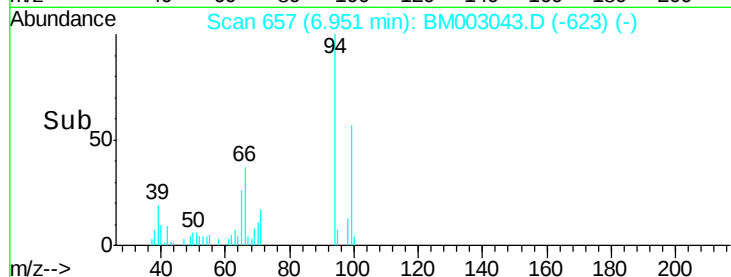
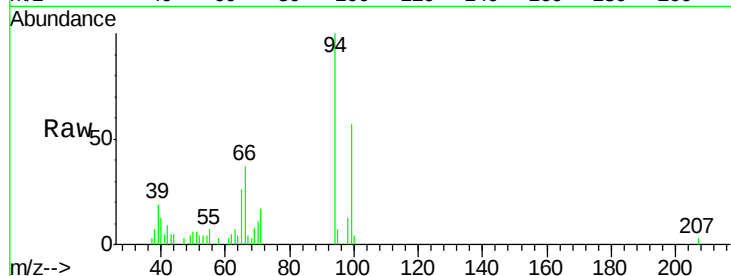
94 100

65 25.9 18.7 28.1

66 37.1 24.2 36.2#

Manual Integrations
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#45

Dimethylphthalate

Concen: 16.96 ng/ul

RT: 13.86 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BM003043.D

Acq: 02 Nov 2015 00:25

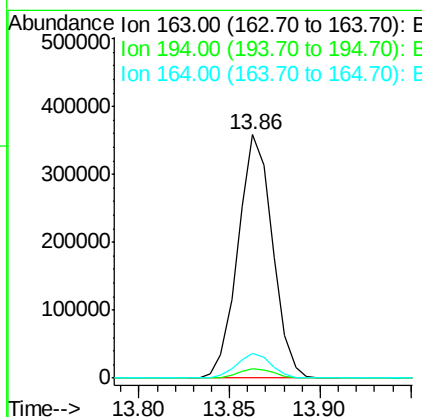
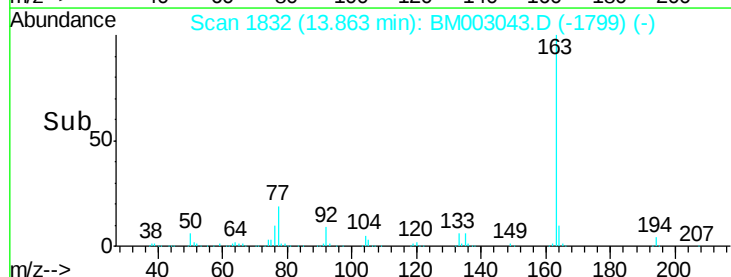
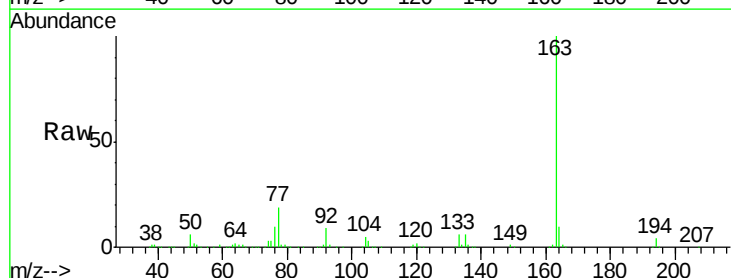
Tgt Ion: 163 Resp: 475049

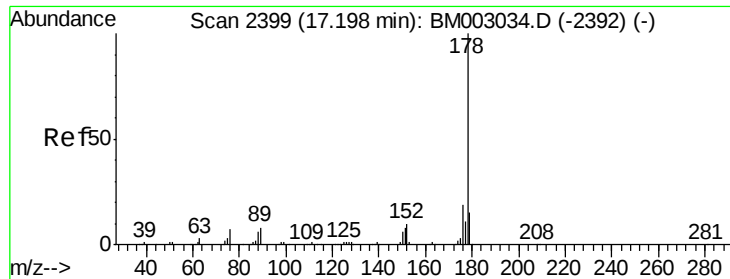
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.0 7.8 11.8





#70

Phenanthrene

Concen: 9.47 ng/ul

RT: 17.19 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BM003043.D

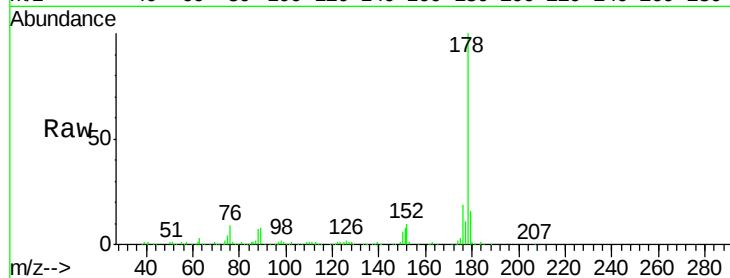
Acq: 02 Nov 2015 00:25

Instrument :

BNA_M

ClientSampleId :

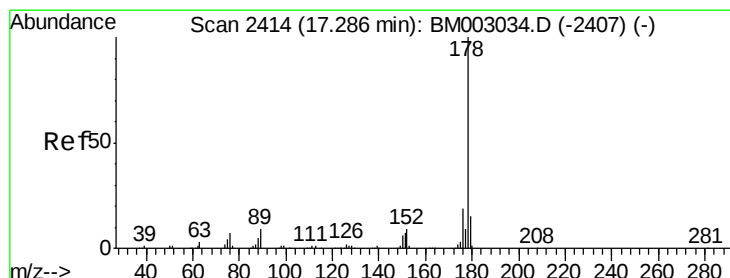
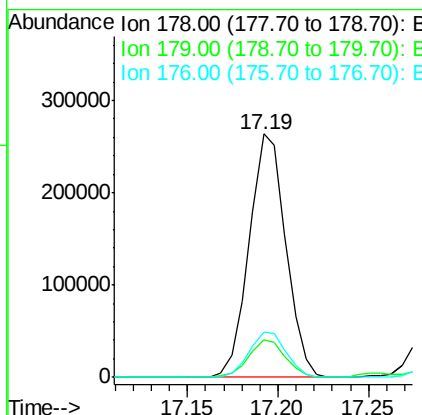
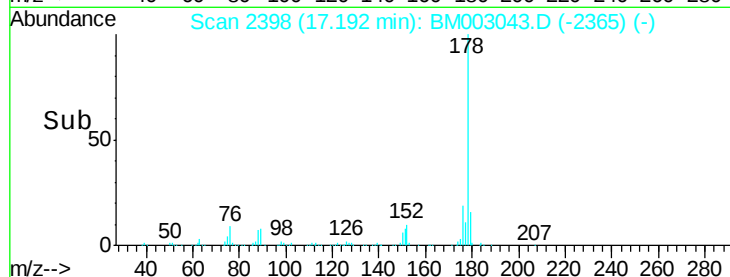
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Tgt Ion:	178	Resp:	370814
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.2	18.4
176	18.5	14.7	22.1

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#72

Anthracene

Concen: 2.31 ng/ul

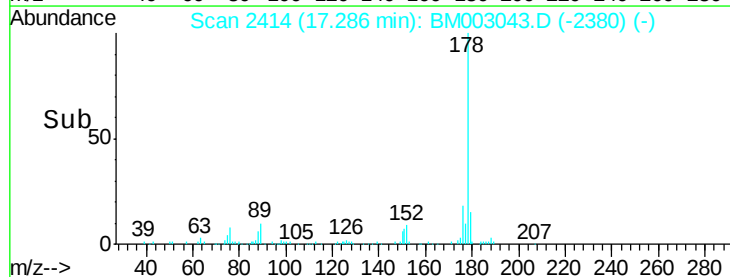
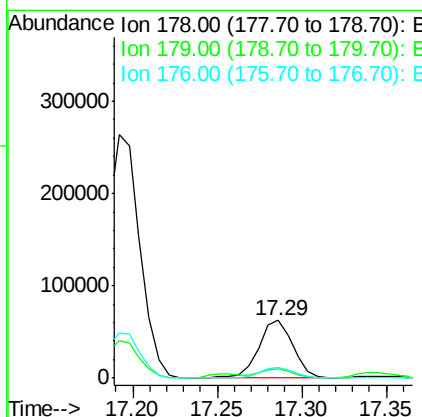
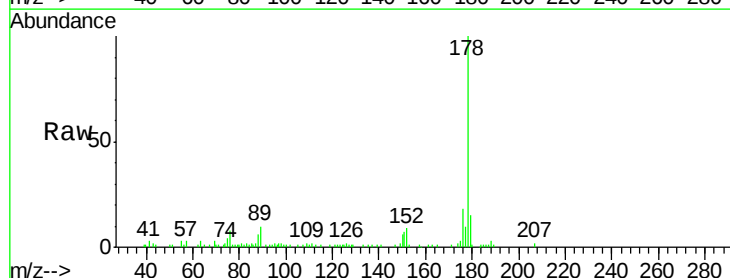
RT: 17.29 min Scan# 2414

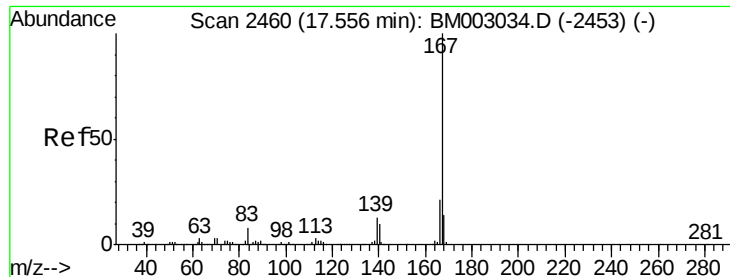
Delta R.T. 0.00 min

Lab File: BM003043.D

Acq: 02 Nov 2015 00:25

Tgt Ion:	178	Resp:	88353
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.3	18.5
176	18.3	14.4	21.6





#75

Carbazole

Concen: 1.19 ng/ul

RT: 17.55 min Scan# 2459

Delta R.T. -0.01 min

Lab File: BM003043.D

Acq: 02 Nov 2015 00:25

Instrument :

BNA_M

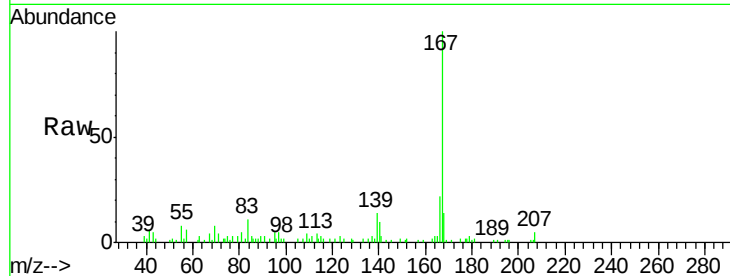
ClientSampleId :

BC768

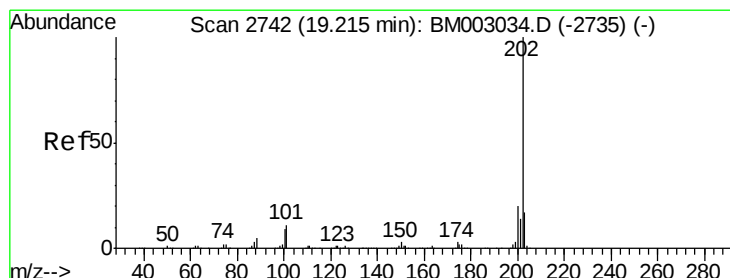
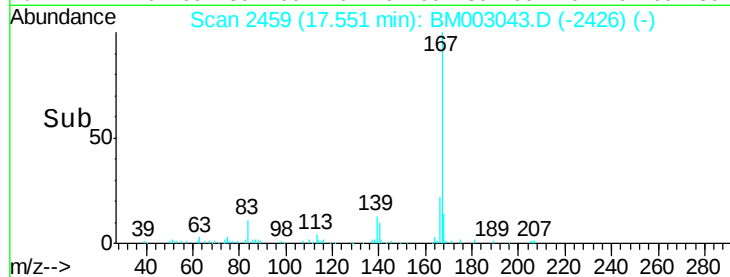
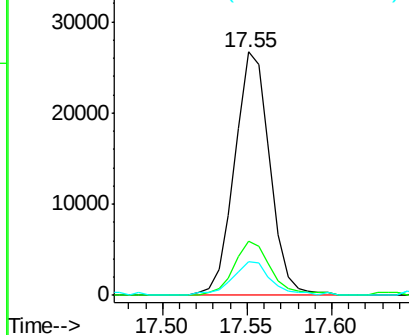
Tgt Ion:	167	Resp:	38797
Ion Ratio	Lower	Upper	
167	100		
166	22.2	17.0	25.4
139	13.8	9.9	14.9

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#77

Fluoranthene

Concen: 13.94 ng/ul

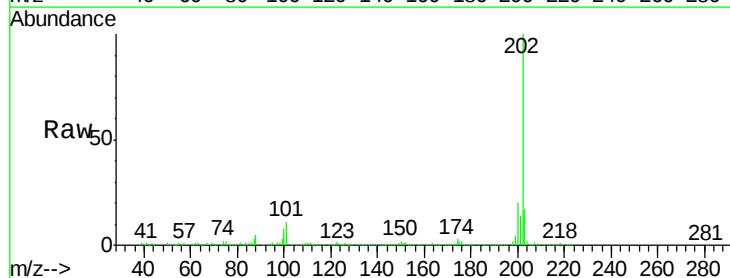
RT: 19.22 min Scan# 2742

Delta R.T. 0.00 min

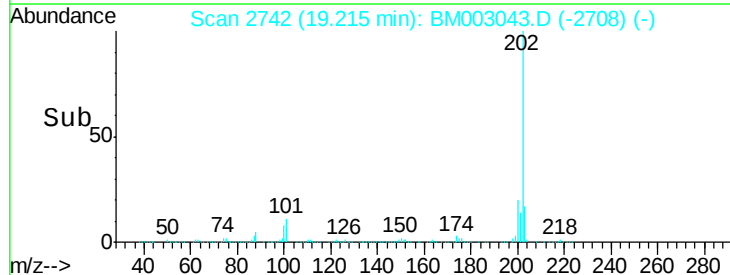
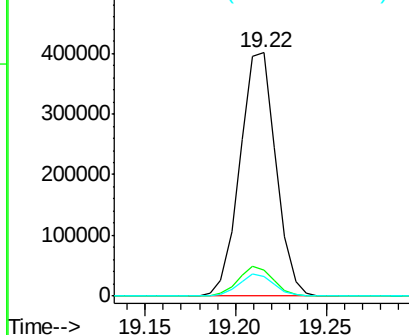
Lab File: BM003043.D

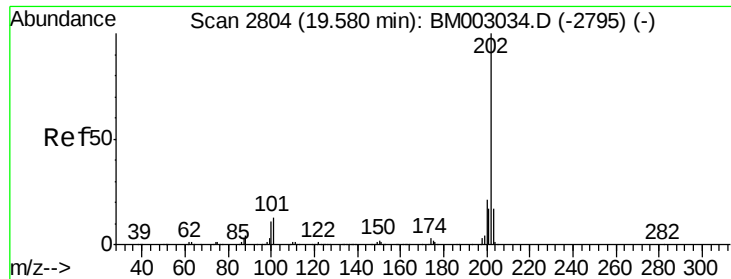
Acq: 02 Nov 2015 00:25

Tgt Ion:	202	Resp:	552034
Ion Ratio	Lower	Upper	
202	100		
101	10.9	10.4	15.6
100	8.1	7.8	11.6



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





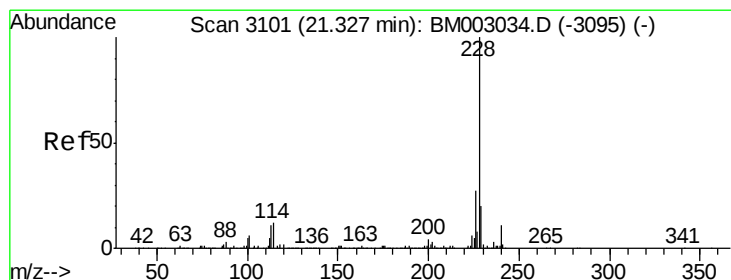
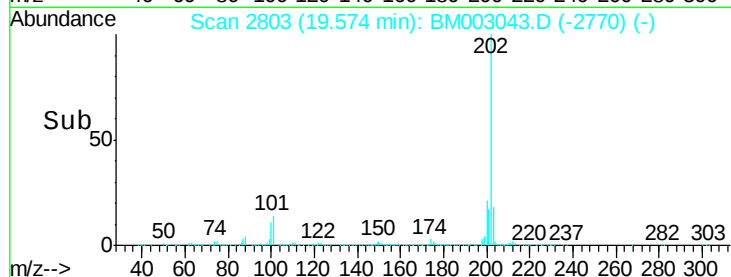
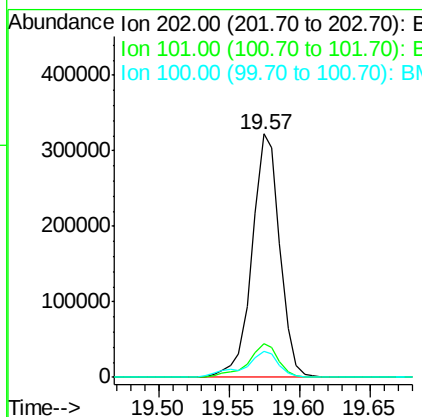
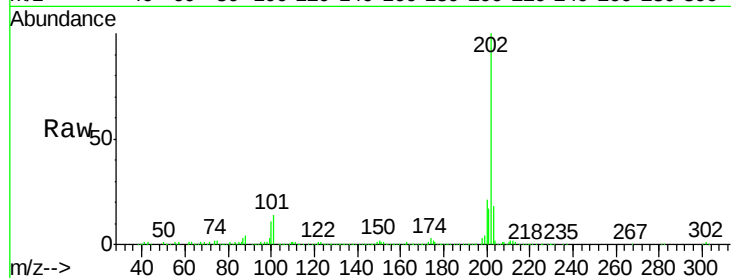
#80
 Pyrene
 Concen: 10.46 ng/ul
 RT: 19.57 min Scan# 2803
 Delta R.T. -0.01 min
 Lab File: BM003043.D
 Acq: 02 Nov 2015 00:25

Instrument :
 BNA_M
 ClientSampleId :
 BC768

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	12.6	18.8
100	10.9	10.6	15.8

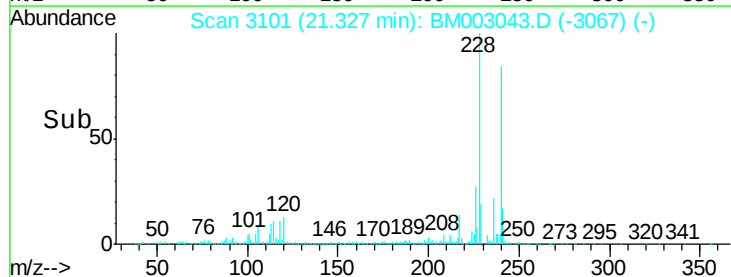
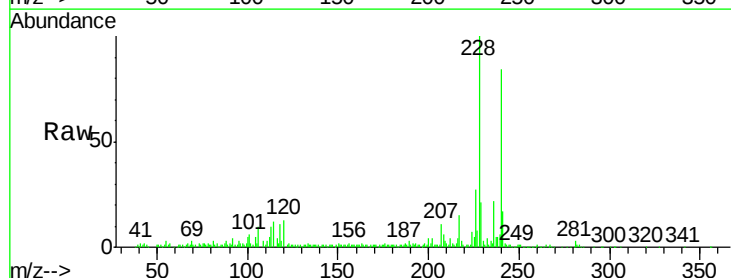
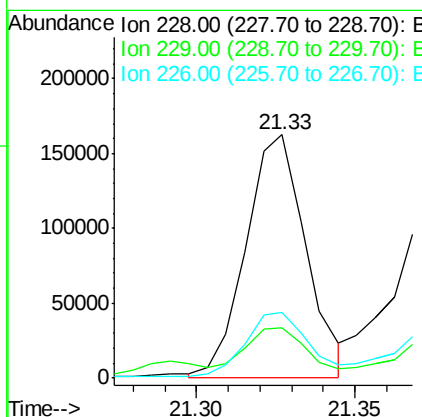
Manual Integrations
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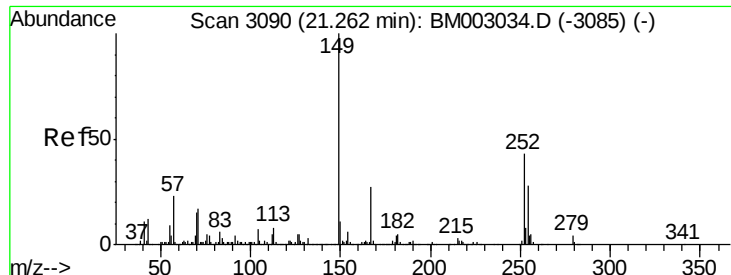
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#83
 Benzo(a)anthracene
 Concen: 5.96 ng/ul
 RT: 21.33 min Scan# 3101
 Delta R.T. 0.00 min
 Lab File: BM003043.D
 Acq: 02 Nov 2015 00:25

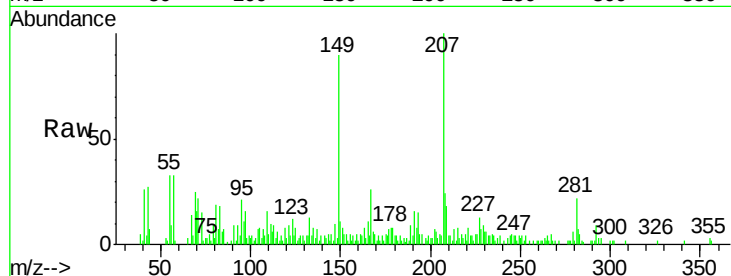
Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.6	23.4
226	27.2	21.0	31.6





#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.03 ng/ul
 RT: 21.26 min Scan# 3090
 Delta R.T. 0.00 min
 Lab File: BM003043.D
 Acq: 02 Nov 2015 00:25

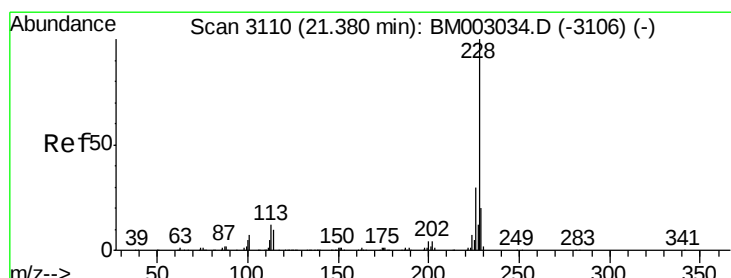
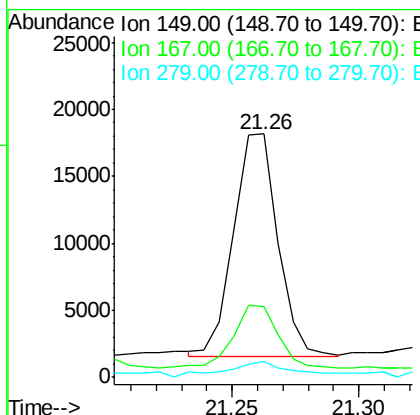
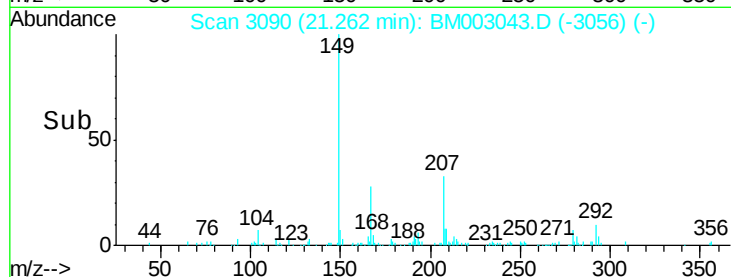
Instrument :
 BNA_M
 ClientSampled :
 BC768



Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.3	22.0	33.0
279	6.5	3.2	4.8

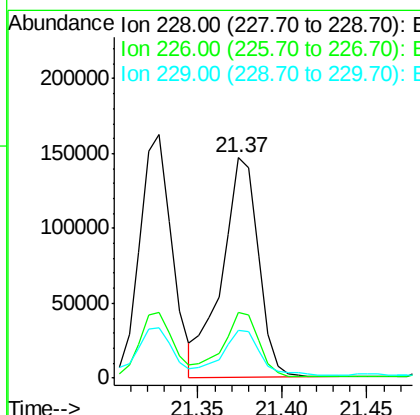
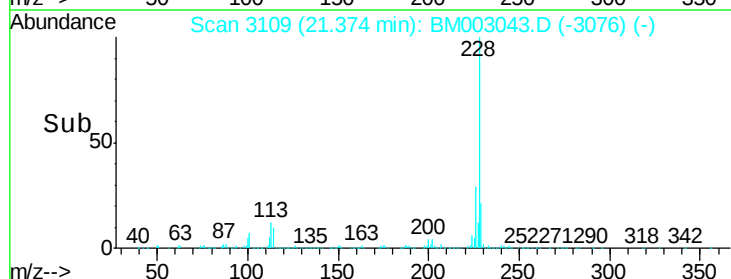
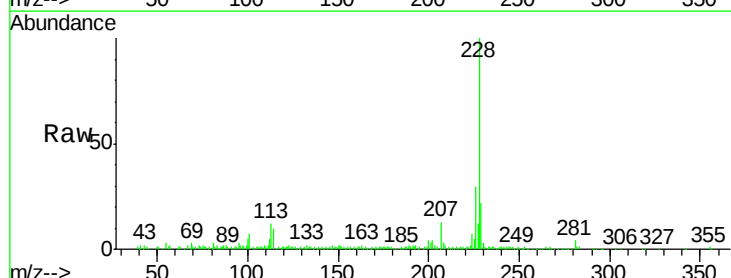
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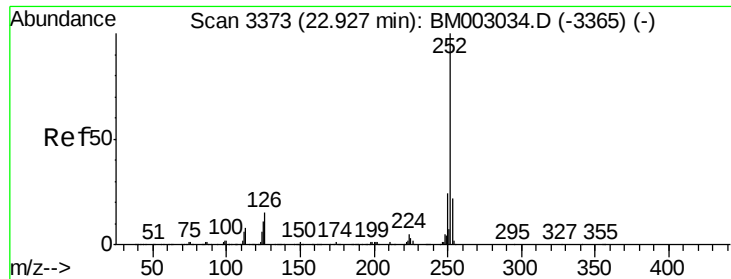
Mmdadoda
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#85
 Chrysene
 Concen: 6.23 ng/ul
 RT: 21.37 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BM003043.D
 Acq: 02 Nov 2015 00:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.3	34.9
229	21.9	15.8	23.6





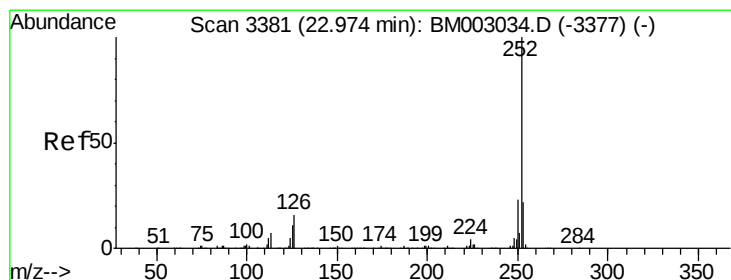
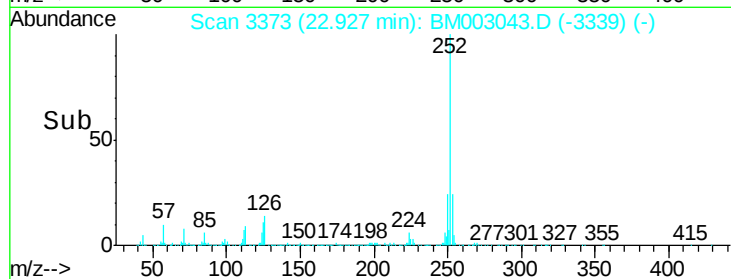
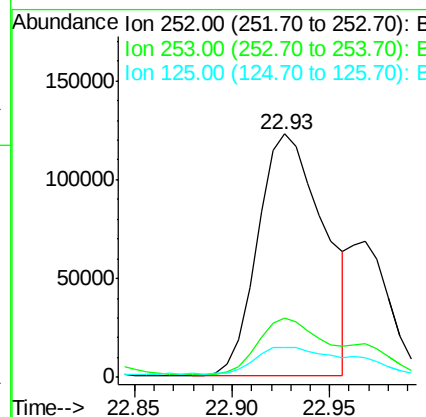
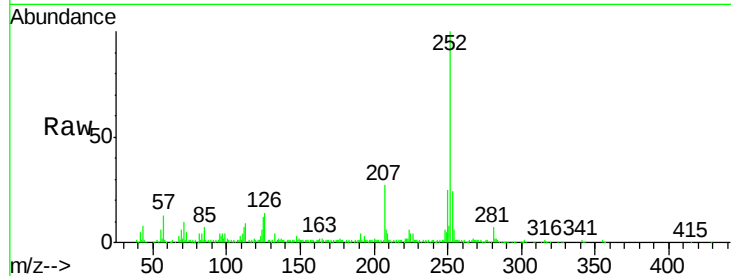
#88
Benzo(b)fluoranthene
Concen: 7.56 ng/ul
RT: 22.93 min Scan# 3373
Delta R.T. 0.00 min
Lab File: BM003043.D
Acq: 02 Nov 2015 00:25

Instrument :
BNA_M
ClientSampleId :
BC768

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.4	26.2
125	12.5	10.7	16.1

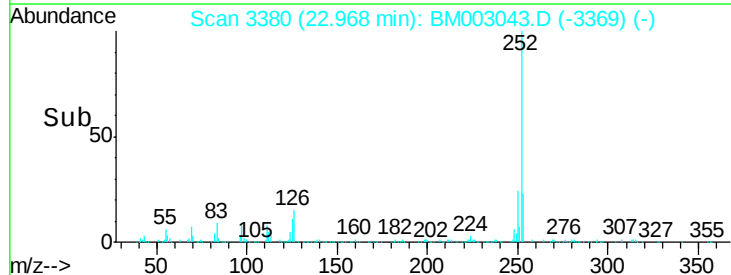
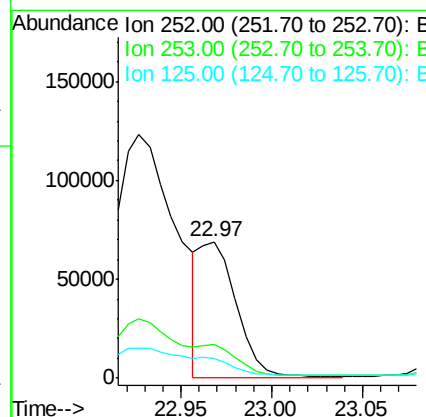
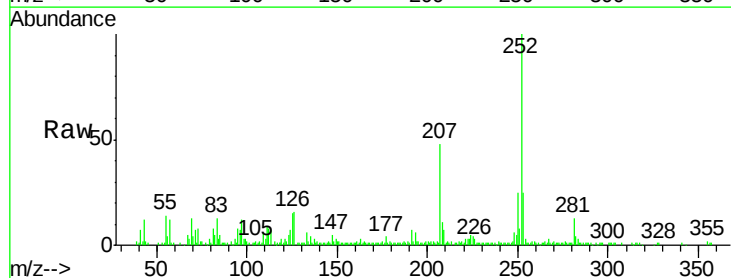
Manual Integrations
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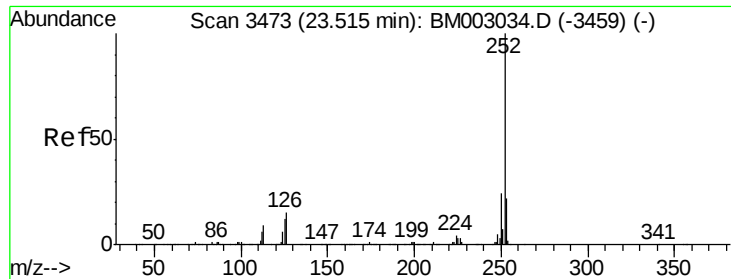
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#89
Benzo(k)fluoranthene
Concen: 2.77 ng/ul m
RT: 22.97 min Scan# 3380
Delta R.T. -0.01 min
Lab File: BM003043.D
Acq: 02 Nov 2015 00:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.4	26.0
125	14.6	11.1	16.7





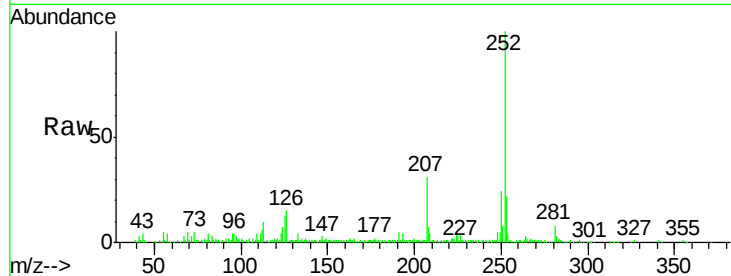
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Benzo(a)pyrene
Concen: 5.41 ng/ul
RT: 23.51 min Scan# 3472
Delta R.T. -0.01 min
Lab File: BM003043.D
Acq: 02 Nov 2015 00:25

Instrument :
BNA_M
ClientSampleId :
BC768

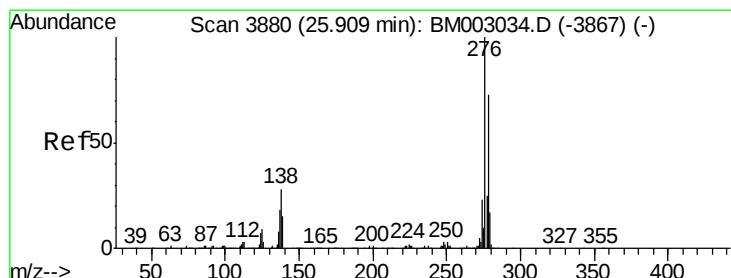
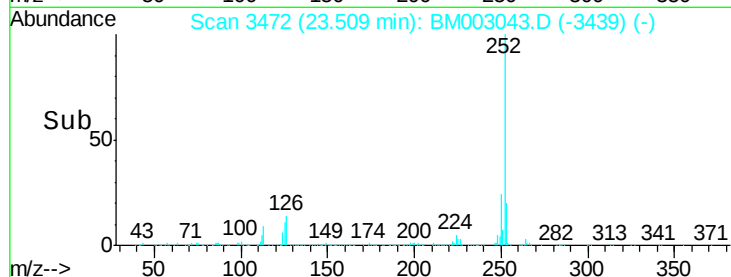
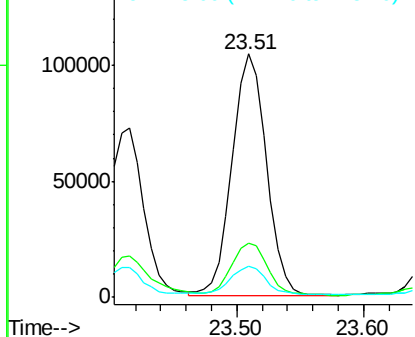
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	194793		
253	22.4	17.1	25.7	
125	12.9	11.9	17.9	

Manual Integrations
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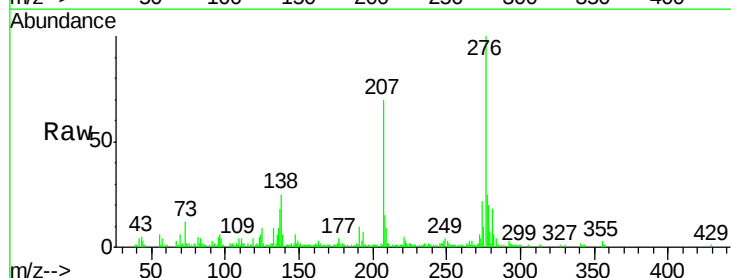


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

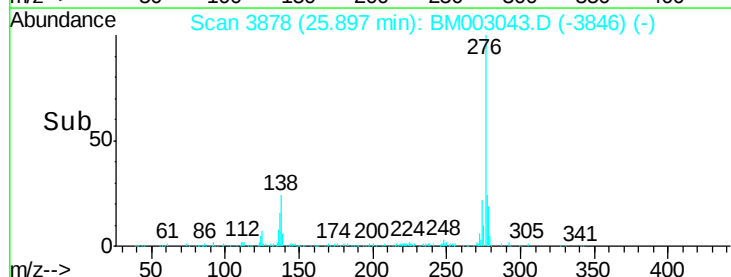
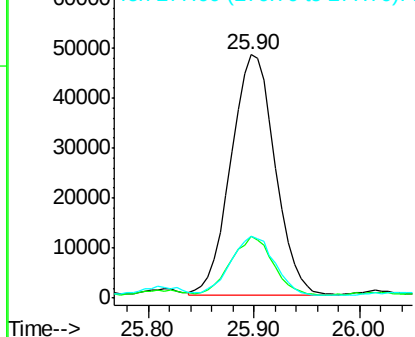


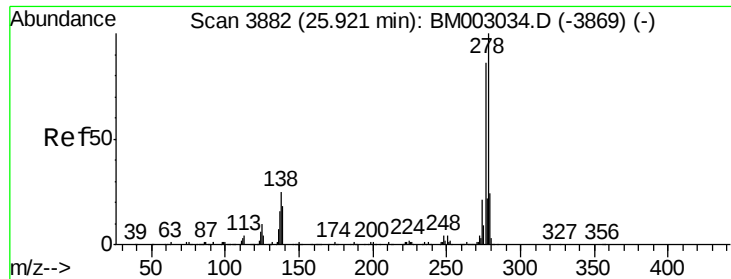
#92
Indeno(1,2,3-cd)pyrene
Concen: 3.53 ng/ul
RT: 25.90 min Scan# 3878
Delta R.T. -0.01 min
Lab File: BM003043.D
Acq: 02 Nov 2015 00:25

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	139679		
138	25.2	26.6	40.0#	
277	25.2	20.2	30.4	



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





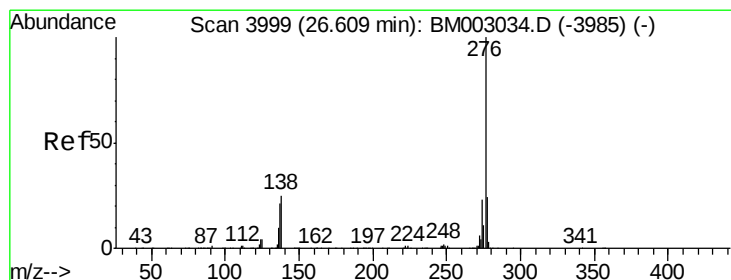
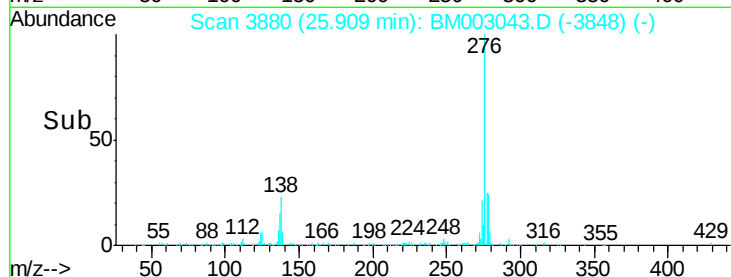
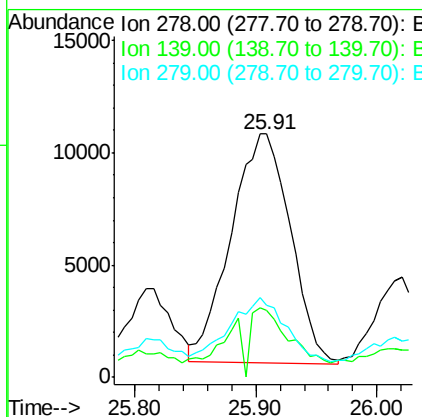
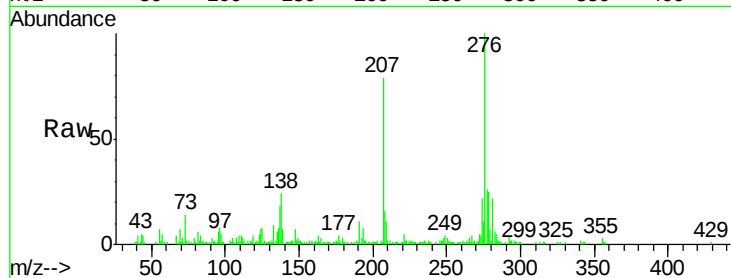
#93
Dibenzo(a,h)anthracene
Concen: 1.12 ng/ul
RT: 25.91 min Scan# 3880
Delta R.T. -0.01 min
Lab File: BM003043.D
Acq: 02 Nov 2015 00:25

Instrument :
BNA_M
ClientSampleId :
BC768

Tgt Ion	Ratio	Lower	Upper
278	100		
139	27.6	18.8	28.2
279	29.7	19.3	28.9

Manual Integrations
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#94
Benzo(g,h,i)perylene
Concen: 3.70 ng/ul
RT: 26.60 min Scan# 3998
Delta R.T. -0.01 min
Lab File: BM003043.D
Acq: 02 Nov 2015 00:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	23.8	35.6
277	24.2	19.4	29.2

