

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110115\
 Data File : BM003036.D
 Acq On : 01 Nov 2015 20:13
 Operator : UM/IZ
 Sample : G4210-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC771

Manual Integrations
 APPROVED

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 11/2/2015 4:35:01 PM

Quant Time: Nov 02 03:03:36 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	7.77	152	160215	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	724691	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	403704	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	823006	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	702532	20.00	ng/ul	0.00
86) Perylene-d12	23.61	264	663475	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	11422	3.36	ng/uL	0.00
5) Phenol-d5	6.93	99	194398	15.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	150364	20.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	185742	17.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	112620	11.03	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	97756	22.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	102736	22.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	182558	18.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	179991	13.85	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	707853	23.31	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	761006	19.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	45871	8.96	ng/ul	0.00
58) Fluorene-d10	15.40	176	573642	21.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	38925	10.21	ng/ul	0.00
71) Anthracene-d10	17.25	188	773048	21.19	ng/ul	0.00
79) Pyrene-d10	19.55	212	709035	20.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	616822	19.56	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	13.86	163	336802	10.88	ng/ul	99
50) Acenaphthene	14.47	153	39499	1.43	ng/ul	99
59) Fluorene	15.46	166	36396	1.21	ng/ul#	96
70) Phenanthrene	17.20	178	800705	17.18	ng/ul	99
72) Anthracene	17.29	178	151635	3.33	ng/ul	98
77) Fluoranthene	19.22	202	1045944	22.20	ng/ul	96
80) Pyrene	19.58	202	834655	18.16	ng/ul#	94
83) Benzo(a)anthracene	21.33	228	421615	10.93	ng/ul	97
85) Chrysene	21.38	228	399447	10.46	ng/ul	97
88) Benzo(b)fluoranthene	22.93	252	435375	11.39	ng/ul	97
89) Benzo(k)fluoranthene	22.97	252	151016m	4.23	ng/ul	
91) Benzo(a)pyrene	23.51	252	277397	7.67	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.90	276	167690	4.21	ng/ul#	90
93) Dibenzo(a,h)anthracene	25.90	278	51162	1.63	ng/ul#	74
94) Benzo(g,h,i)perylene	26.60	276	91123	2.54	ng/ul	95

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

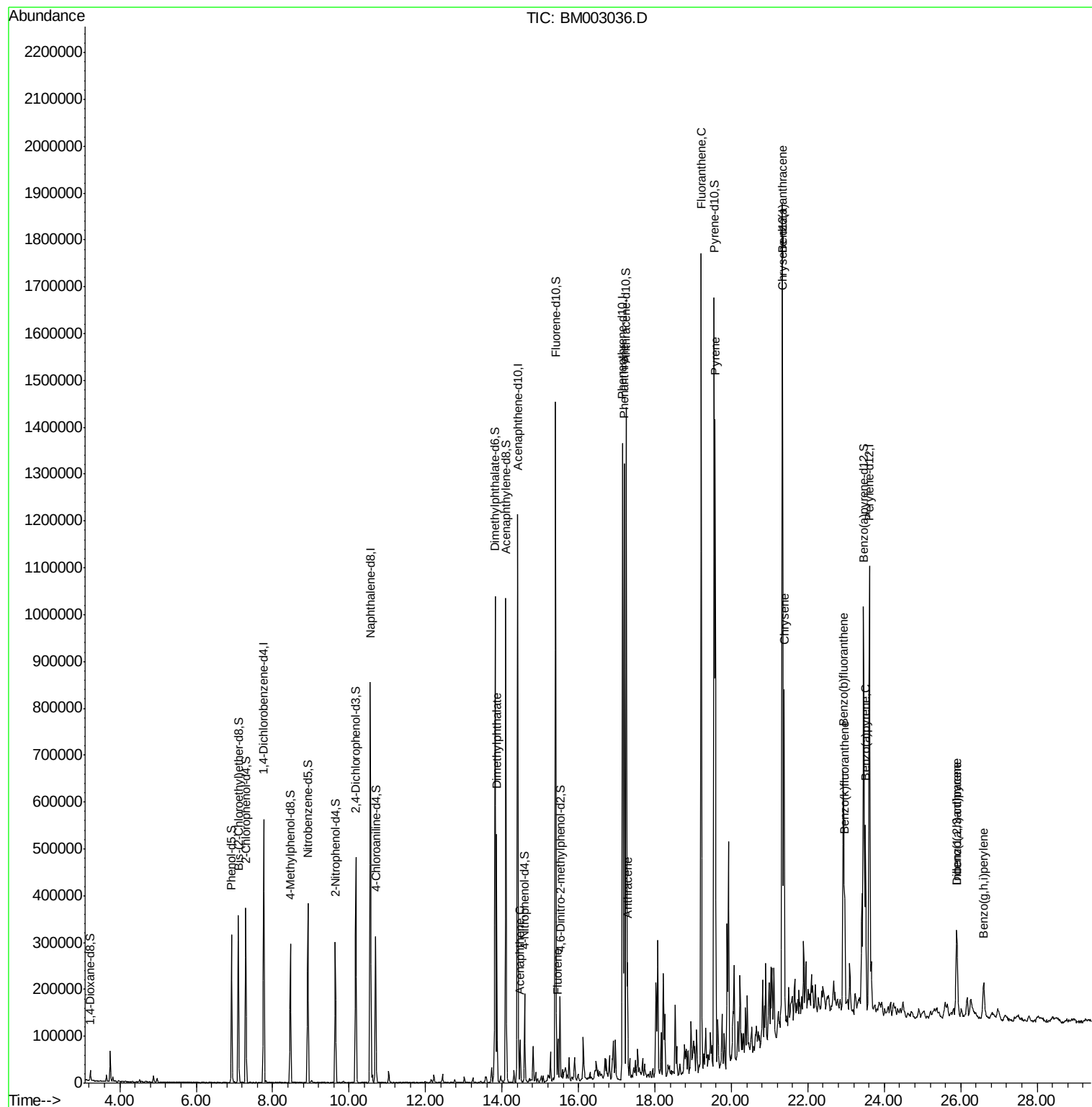
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110115\
Data File : BM003036.D
Acq On : 01 Nov 2015 20:13
Operator : UM/IZ
Sample : G4210-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

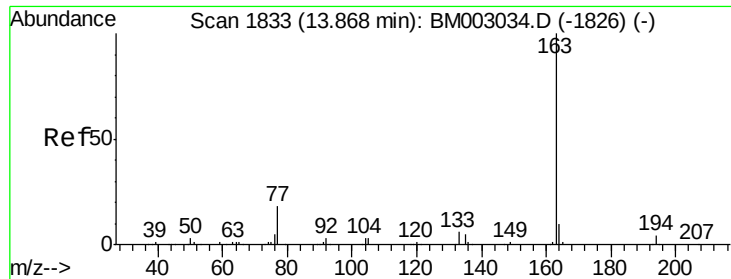
Instrument :
BNA_M
ClientSampleId :
BC771

Manual Integrations
APPROVED

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11/2/2015 4:35:01 PM

Quant Time: Nov 02 03:03:36 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





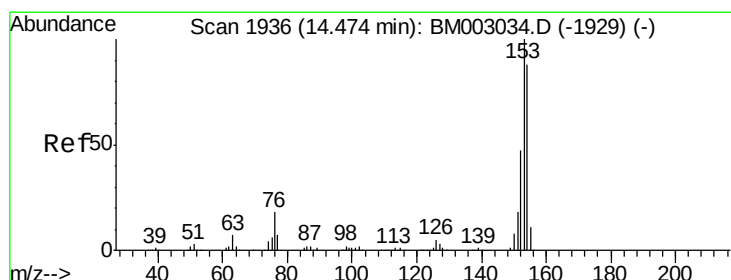
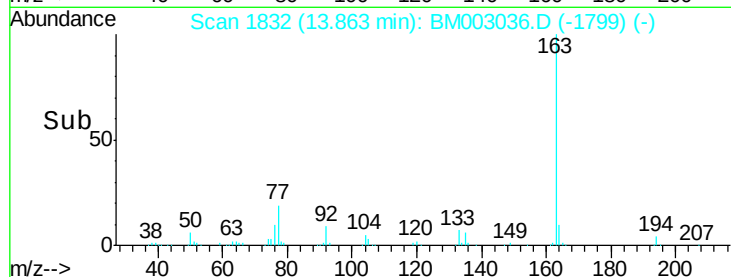
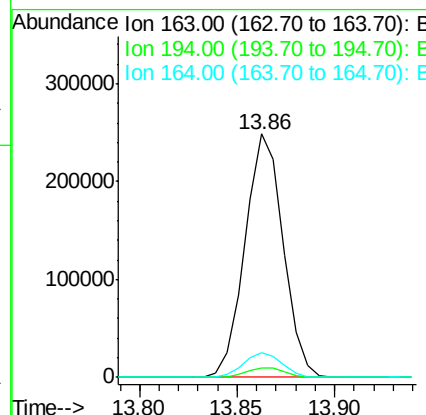
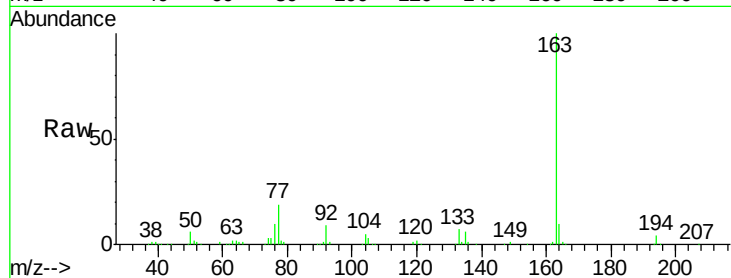
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Dimethylphthalate
Concen: 10.88 ng/ul
RT: 13.86 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BM003036.D
Acq: 01 Nov 2015 20:13

Instrument :
BNA_M
ClientSampleId :
BC771

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	336802		
194	4.0	3.2	4.8	
164	10.1	7.8	11.8	

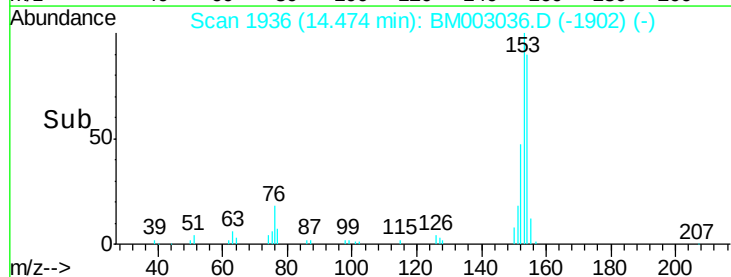
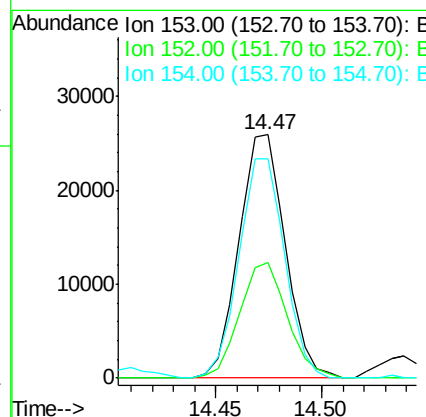
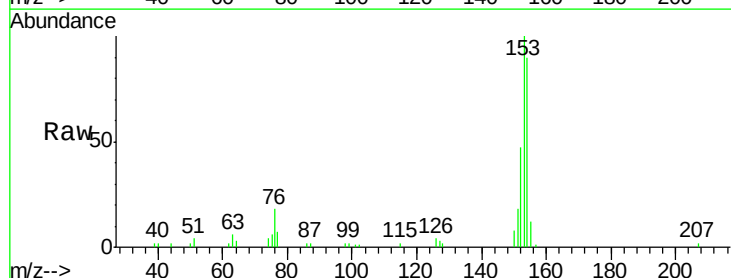
Manual Integrations
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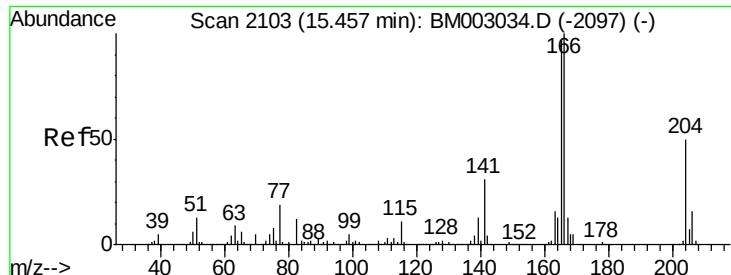
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#50
Acenaphthene
Concen: 1.43 ng/ul
RT: 14.47 min Scan# 1936
Delta R.T. -0.00 min
Lab File: BM003036.D
Acq: 01 Nov 2015 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	39499		
152	47.2	37.0	55.6	
154	89.9	71.0	106.4	





#59

Fluorene

Concen: 1.21 ng/ul

RT: 15.46 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BM003036.D

Acq: 01 Nov 2015 20:13

Instrument :

BNA_M

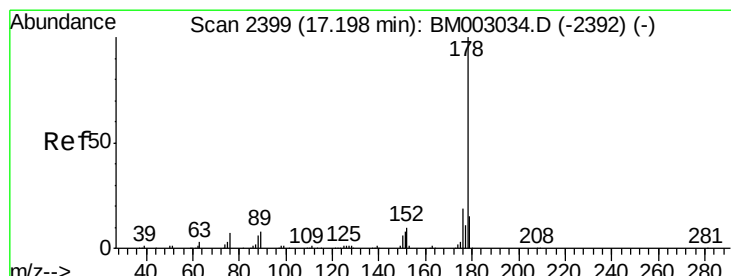
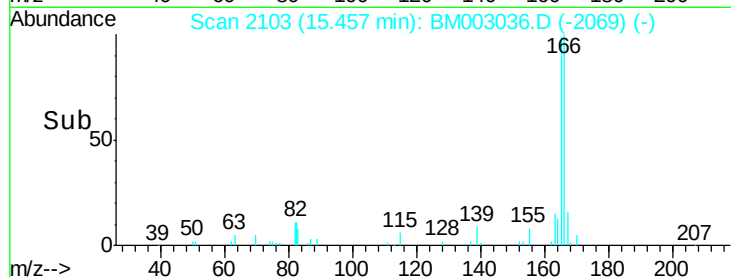
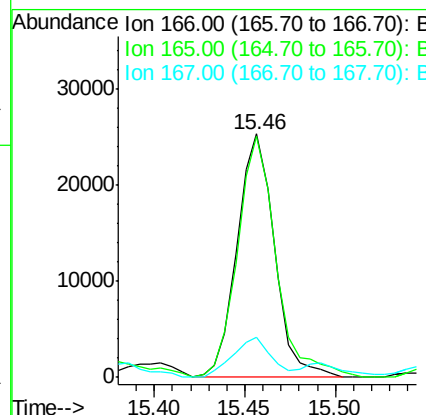
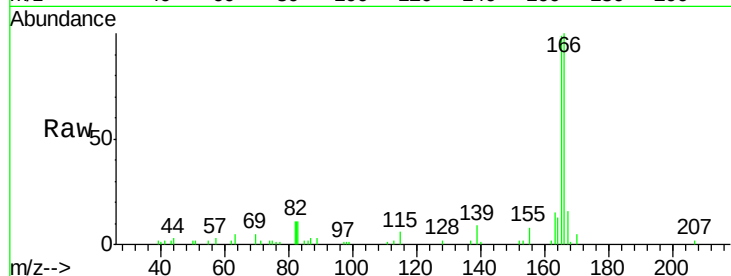
ClientSampleId :

BC771

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	36396		
165	99.2	77.2	115.8	
167	16.3	10.2	15.4#	

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#70

Phenanthrene

Concen: 17.18 ng/ul

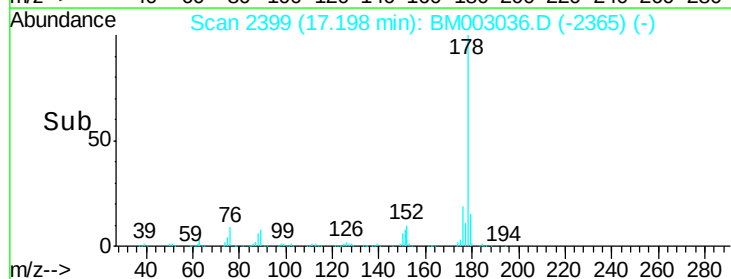
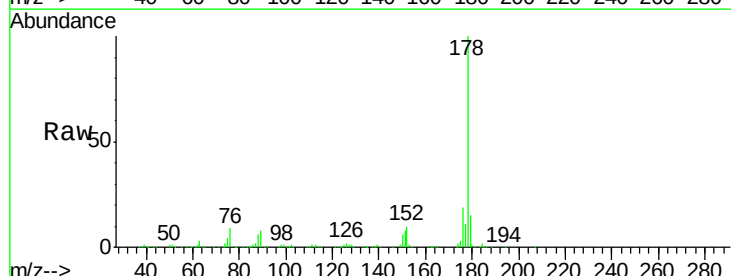
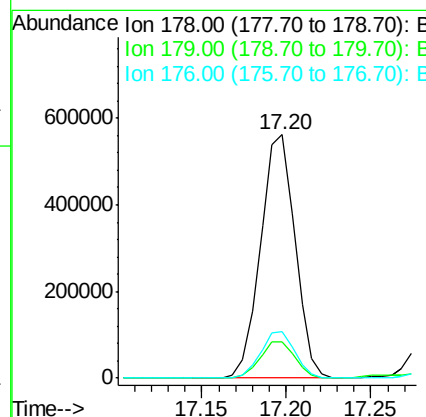
RT: 17.20 min Scan# 2399

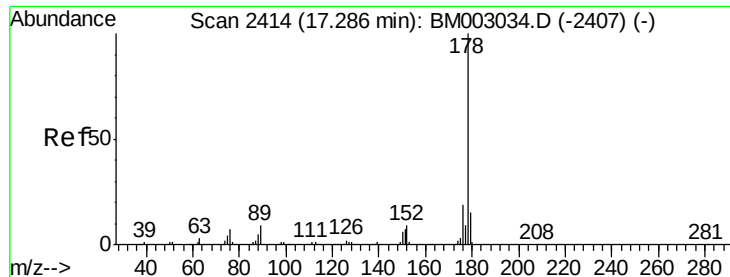
Delta R.T. -0.00 min

Lab File: BM003036.D

Acq: 01 Nov 2015 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	800705		
179	15.1	12.2	18.4	
176	19.2	14.7	22.1	





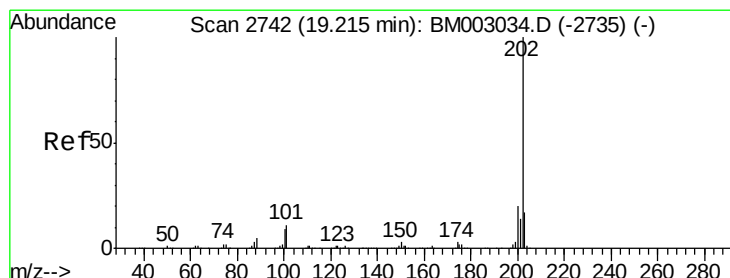
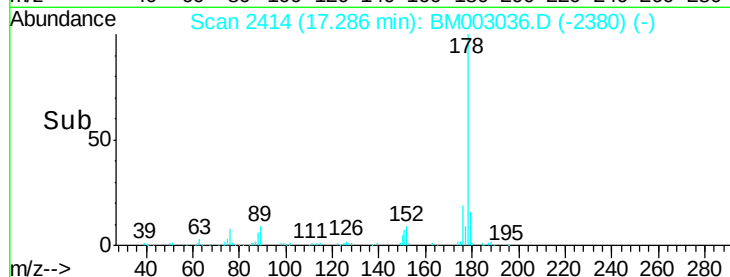
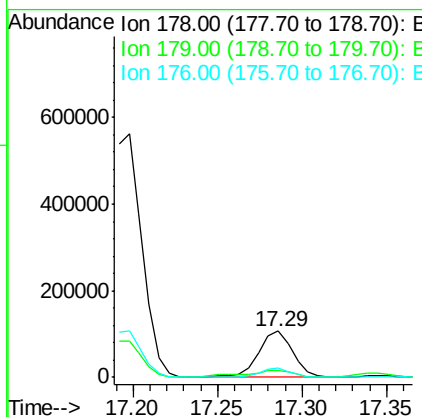
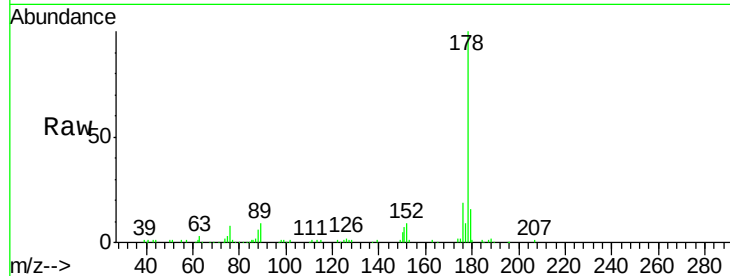
#72
 Anthracene
 Concen: 3.33 ng/ul
 RT: 17.29 min Scan# 2414
 Delta R.T. -0.00 min
 Lab File: BM003036.D
 Acq: 01 Nov 2015 20:13

Instrument :
 BNA_M
 ClientSampleId :
 BC771

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	19.1	14.4	21.6

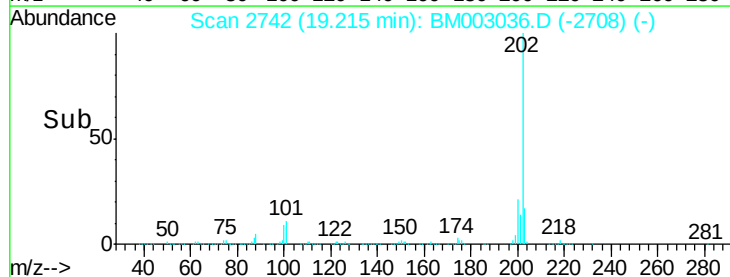
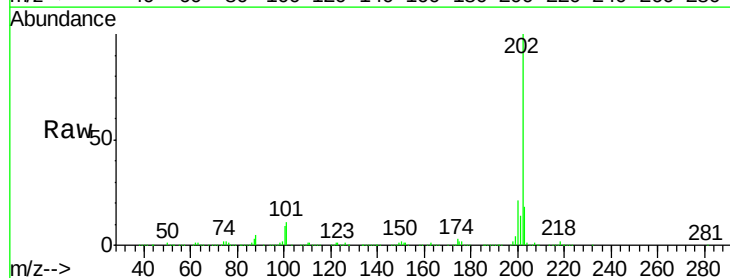
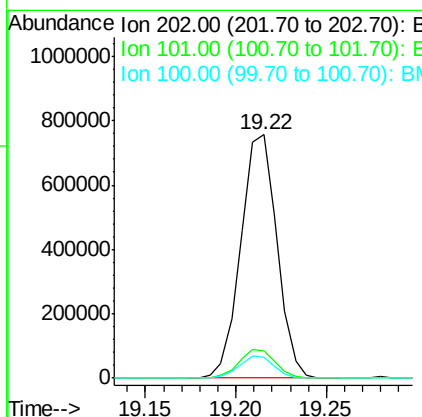
Manual Integrations
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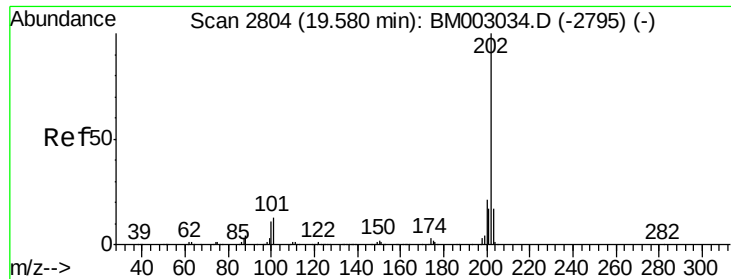
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#77
 Fluoranthene
 Concen: 22.20 ng/ul
 RT: 19.22 min Scan# 2742
 Delta R.T. -0.00 min
 Lab File: BM003036.D
 Acq: 01 Nov 2015 20:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	10.4	15.6
100	8.7	7.8	11.6





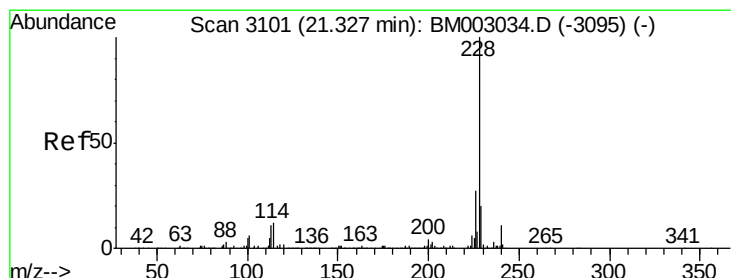
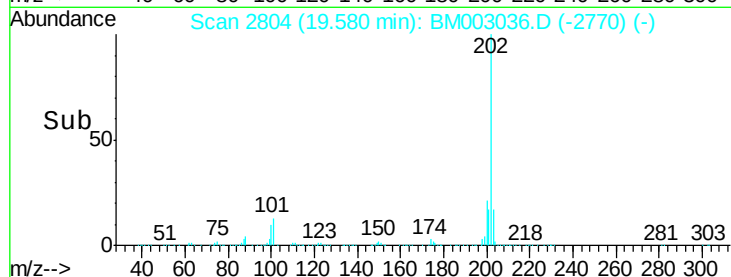
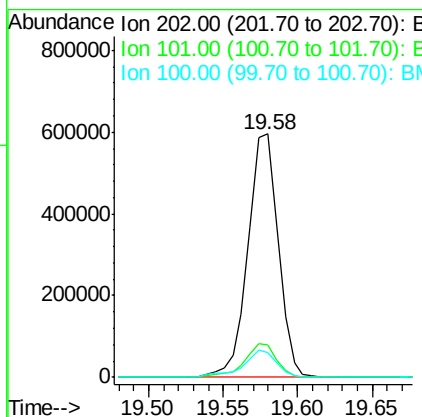
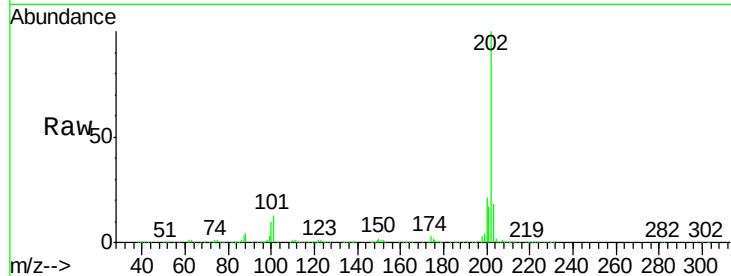
#80
 Pyrene
 Concen: 18.16 ng/ul
 RT: 19.58 min Scan# 2804
 Delta R.T. -0.00 min
 Lab File: BM003036.D
 Acq: 01 Nov 2015 20:13

Instrument :
 BNA_M
 ClientSampleId :
 BC771

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.3	12.6	18.8
100	10.4	10.6	15.8

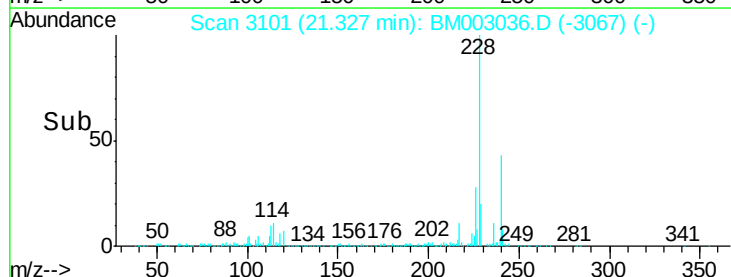
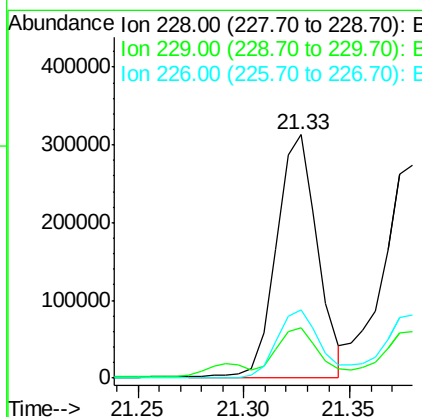
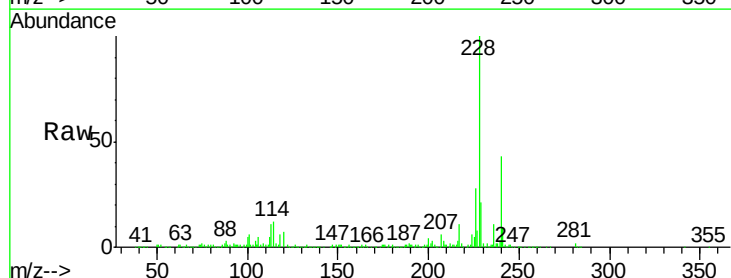
Manual Integrations
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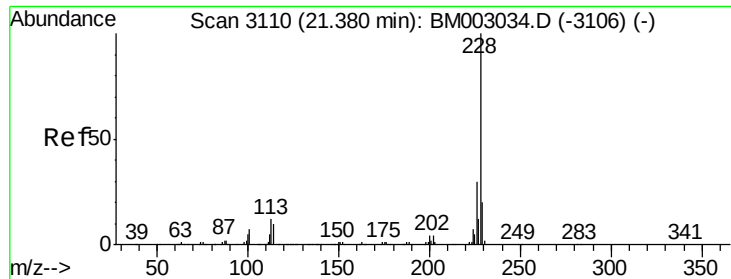
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#83
 Benzo(a)anthracene
 Concen: 10.93 ng/ul
 RT: 21.33 min Scan# 3101
 Delta R.T. -0.00 min
 Lab File: BM003036.D
 Acq: 01 Nov 2015 20:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.5	15.6	23.4
226	28.0	21.0	31.6





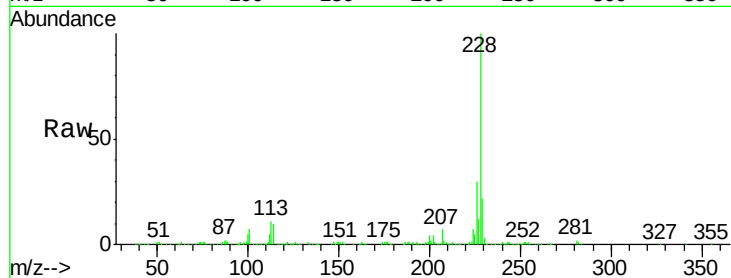
#85
Chrysene
Concen: 10.46 ng/ul
RT: 21.38 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BM003036.D
Acq: 01 Nov 2015 20:13

Instrument :
BNA_M
ClientSampleId :
BC771

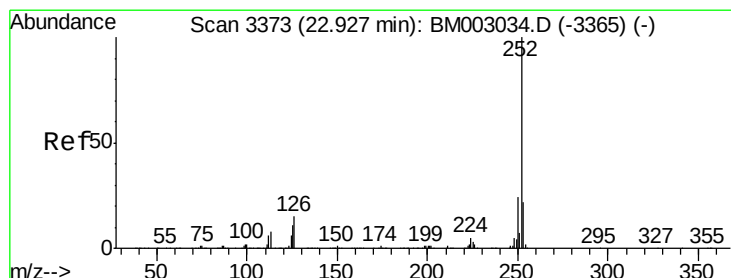
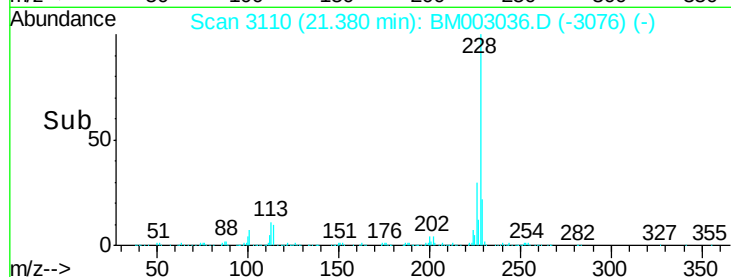
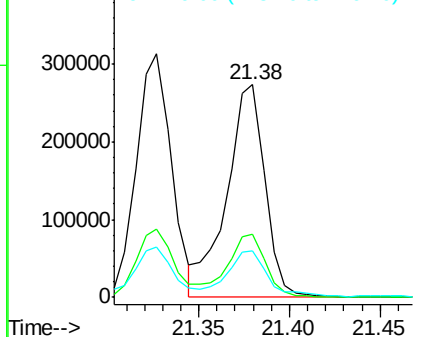
Tgt Ion	Ratio	Resp	Lower	Upper
228	100	399447		
226	29.9	23.3	34.9	
229	22.1	15.8	23.6	

Manual Integrations
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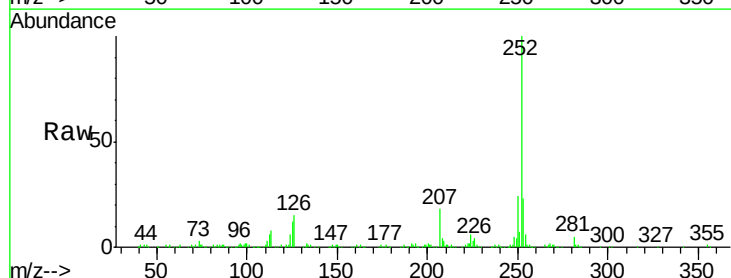


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

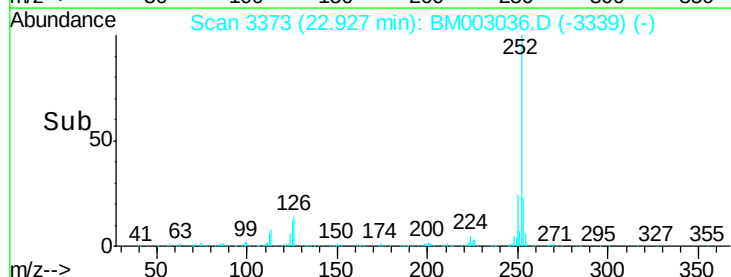
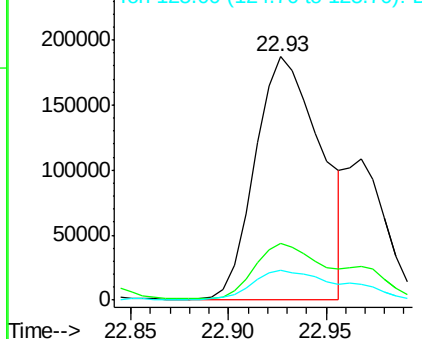


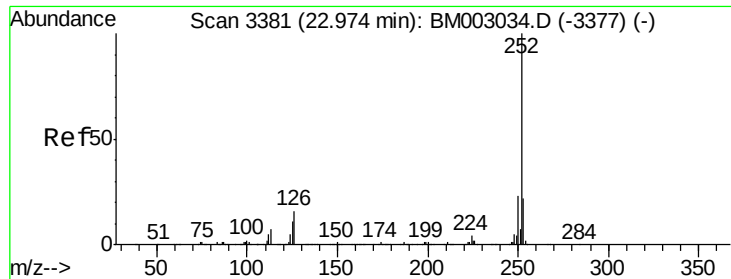
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Benzo(b)fluoranthene
Concen: 11.39 ng/ul
RT: 22.93 min Scan# 3373
Delta R.T. -0.00 min
Lab File: BM003036.D
Acq: 01 Nov 2015 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	435375		
253	23.1	17.4	26.2	
125	12.1	10.7	16.1	



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





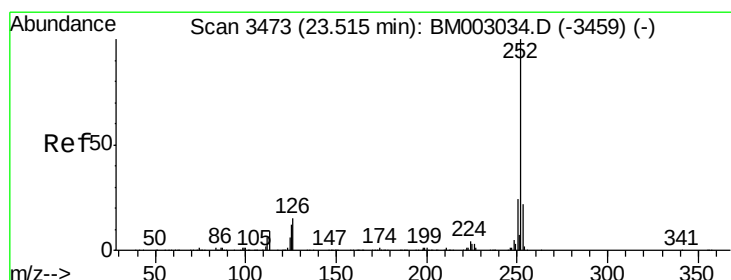
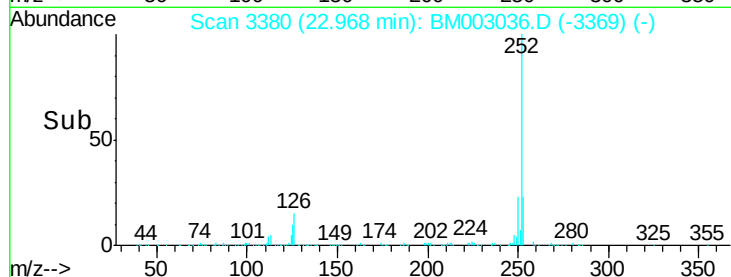
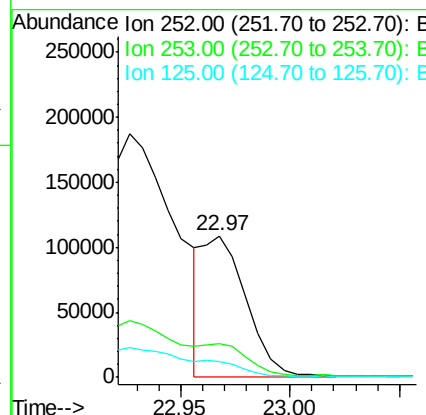
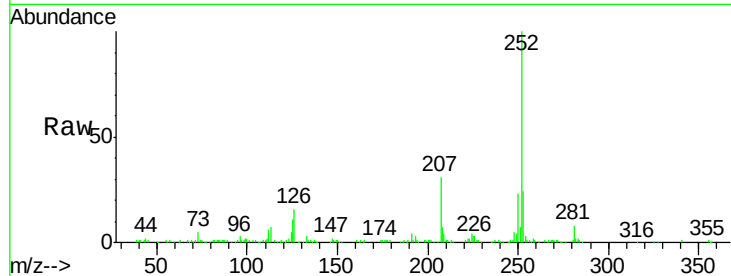
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Benzo(k)fluoranthene
Concen: 4.23 ng/ul m
RT: 22.97 min Scan# 3380
Delta R.T. -0.01 min
Lab File: BM003036.D
Acq: 01 Nov 2015 20:13

Instrument :
BNA_M
ClientSampled :
BC771

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.0
125	11.2	11.1	16.7

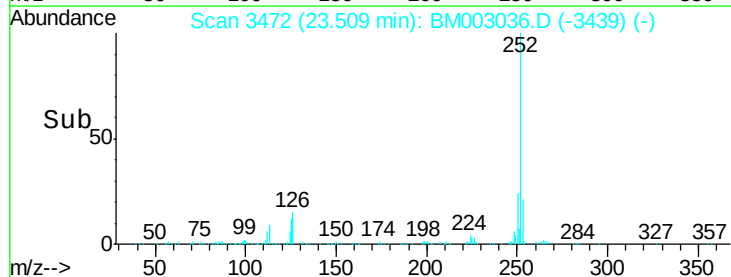
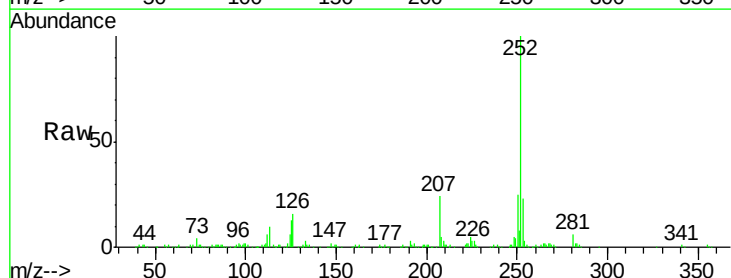
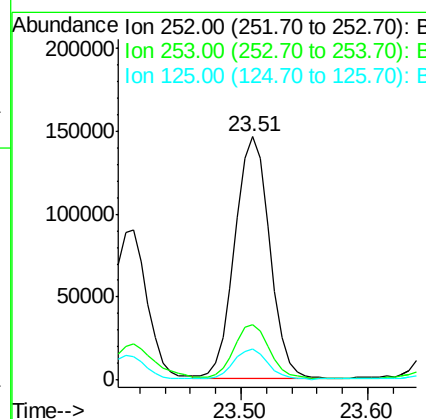
Manual Integrations
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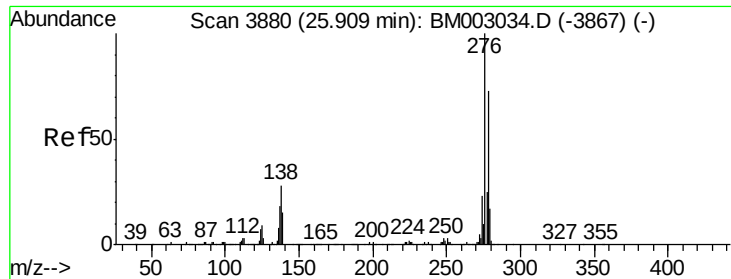
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11/2/2015 4:35:01 PM



#91
Benzo(a)pyrene
Concen: 7.67 ng/ul
RT: 23.51 min Scan# 3472
Delta R.T. -0.01 min
Lab File: BM003036.D
Acq: 01 Nov 2015 20:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	12.8	11.9	17.9





#92

Indeno(1,2,3-cd)pyrene

Concen: 4.21 ng/ul

RT: 25.90 min Scan# 3878

Delta R.T. -0.01 min

Lab File: BM003036.D

Acq: 01 Nov 2015 20:13

Instrument :

BNA_M

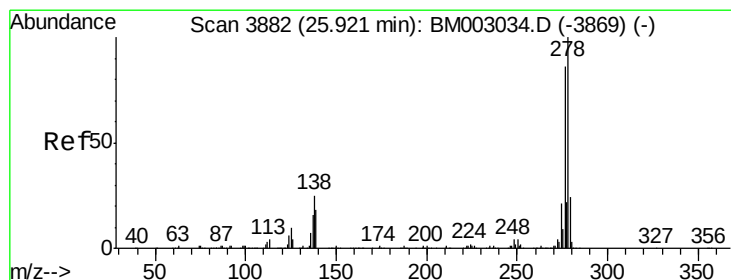
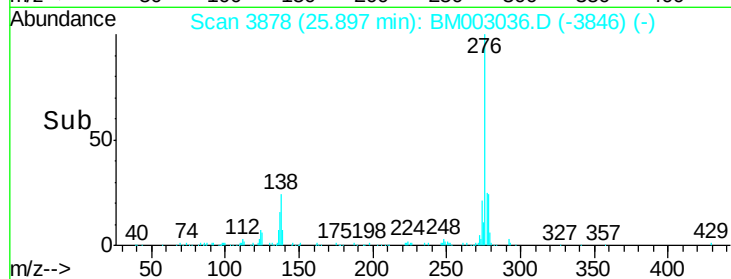
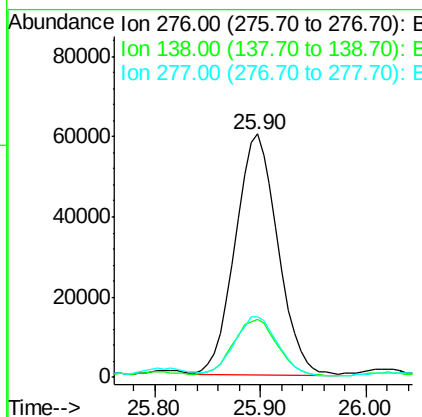
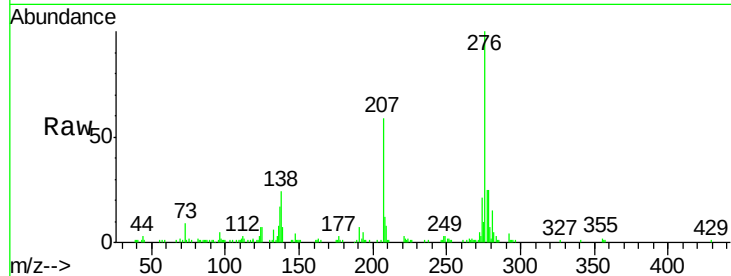
ClientSampleId :

BC771

Tgt Ion:	276	Resp:	167690
Ion Ratio		Lower	Upper
276	100		
138	23.7	26.6	40.0#
277	24.9	20.2	30.4

Manual Integrations
APPROVED

Mmdadoda
11/2/2015 4:35:01 PM



#93

Dibenzo(a,h)anthracene

Concen: 1.63 ng/ul

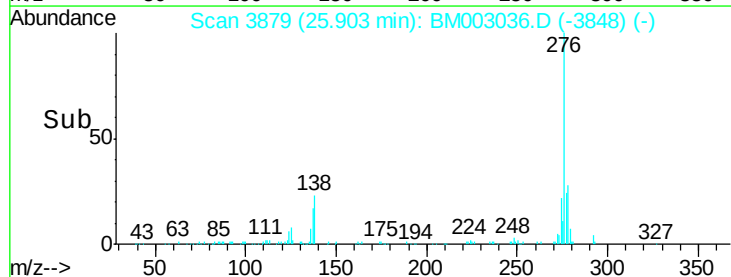
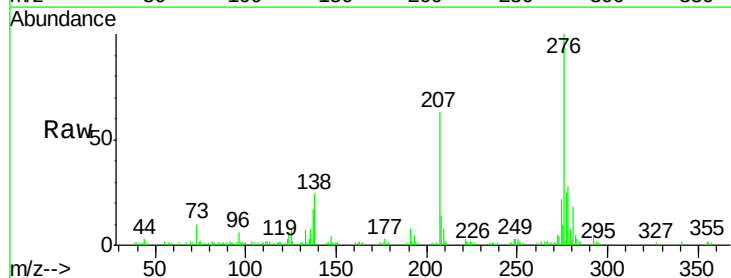
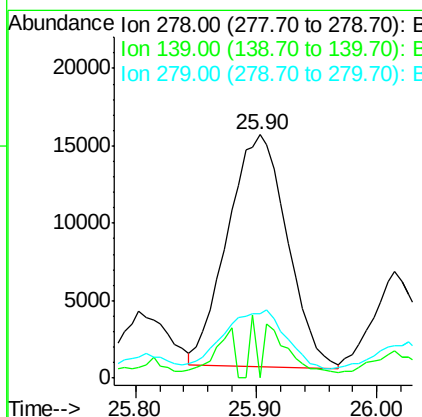
RT: 25.90 min Scan# 3879

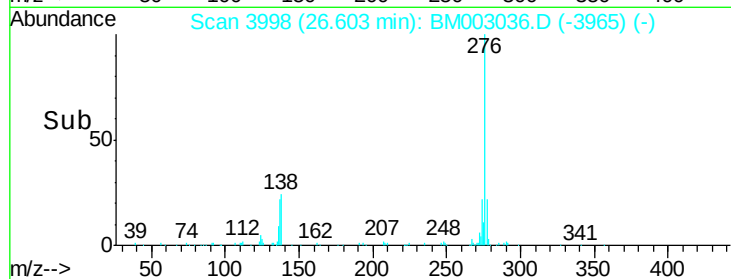
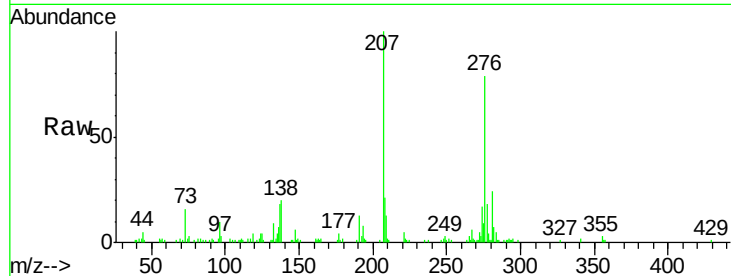
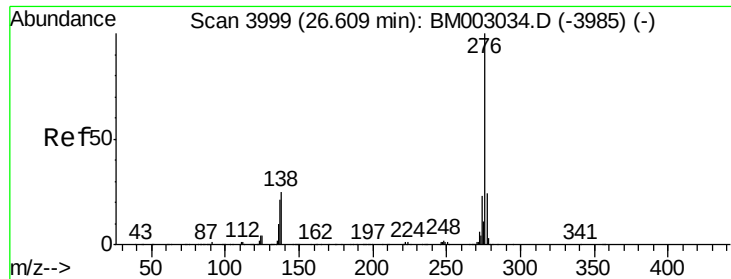
Delta R.T. -0.02 min

Lab File: BM003036.D

Acq: 01 Nov 2015 20:13

Tgt Ion:	278	Resp:	51162
Ion Ratio		Lower	Upper
278	100		
139	0.0	18.8	28.2#
279	26.5	19.3	28.9





#94

Benzo(g,h,i)perylene

Concen: 2.54 ng/ul

RT: 26.60 min Scan# 3998

Delta R.T. -0.01 min

Lab File: BM003036.D

Acq: 01 Nov 2015 20:13

Tgt Ion:	276	Resp:	91123
Ion Ratio	Lower	Upper	
276	100		
138	25.2	23.8	35.6
277	23.5	19.4	29.2

Instrument :

BNA_M

ClientSampleId :

BC771

Manual Integrations
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