

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
 Data File : BM004203.D
 Acq On : 08 Feb 2016 16:59
 Operator : SJ/IZ
 Sample : H1340-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C04J7

Manual Integrations
 APPROVED

Sohil
 2/9/2016 3:30:45 PM

Quant Time: Feb 09 01:01:12 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 09 00:07:17 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	32896	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	155160	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	91724	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	210844	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	233250	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	191487	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	2152	3.46	ng/uL	0.00
5) Phenol-d5	6.84	99	53062	16.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	28908	16.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	46833	18.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	35936	13.05	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	23054	20.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	25904	20.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	46215	19.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	33513	11.10	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	155117	19.66	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	188369	20.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	18836	11.93	ng/ul	0.00
58) Fluorene-d10	15.31	176	136714	20.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	14679	11.30	ng/ul	0.00
71) Anthracene-d10	17.17	188	214812	20.94	ng/ul	0.00
79) Pyrene-d10	19.47	212	248684	23.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.38	264	218182	21.85	ng/ul	0.01

Target Compounds

						Qvalue
45) Dimethylphthalate	13.77	163	50489	6.07	ng/ul	100
50) Acenaphthene	14.38	153	7107	1.03	ng/ul	96
70) Phenanthrene	17.11	178	168693	13.11	ng/ul	99
72) Anthracene	17.20	178	34229	2.62	ng/ul	99
75) Carbazole	17.47	167	14837	1.25	ng/ul	98
77) Fluoranthene	19.14	202	336894	22.49	ng/ul	100
80) Pyrene	19.50	202	328730	22.92	ng/ul	99
83) Benzo(a)anthracene	21.27	228	167950	11.31	ng/ul	99
85) Chrysene	21.32	228	170540	12.08	ng/ul	97
88) Benzo(b)fluoranthene	22.85	252	214103	17.52	ng/ul	97
89) Benzo(k)fluoranthene	22.89	252	61776m	5.42	ng/ul	
91) Benzo(a)pyrene	23.42	252	141911	12.02	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.77	276	88670	6.29	ng/ul#	93
93) Dibenzo(a,h)anthracene	25.77	278	22928	1.95	ng/ul#	84
94) Benzo(g,h,i)perylene	26.46	276	76093	6.33	ng/ul	99

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

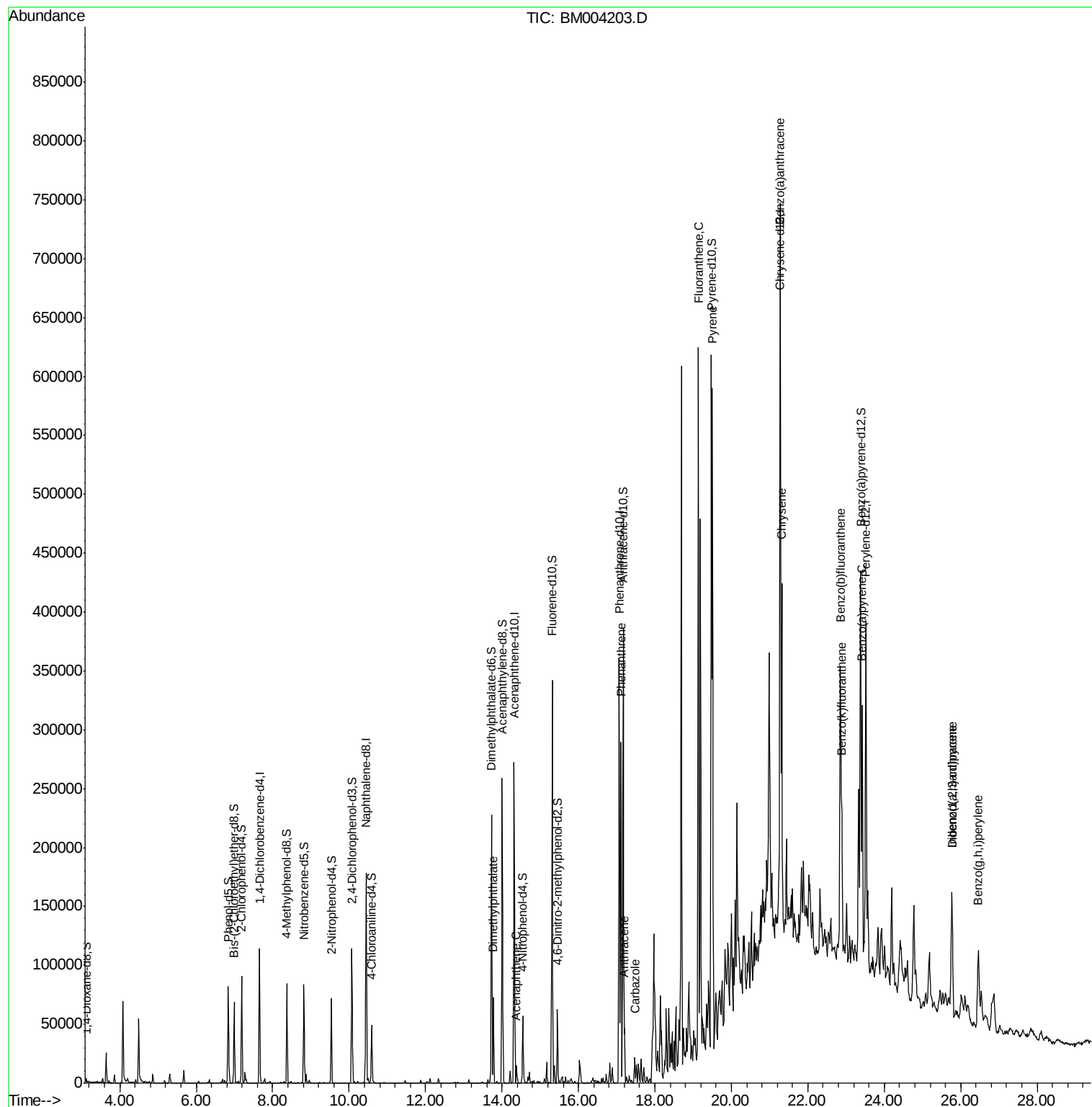
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
Data File : BM004203.D
Acq On : 08 Feb 2016 16:59
Operator : SJ/IZ
Sample : H1340-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

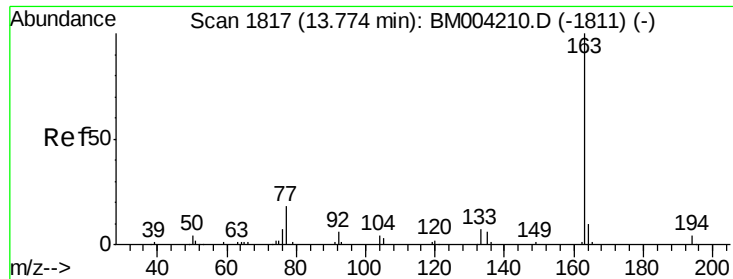
Instrument :
BNA_M
ClientSampleId :
C04J7

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Quant Time: Feb 09 01:01:12 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Quant Title : SVOA CALIBRATION
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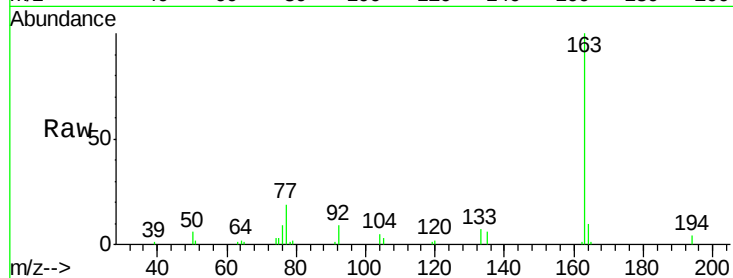
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Dimethylphthalate
Concen: 6.07 ng/ul
RT: 13.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BM004203.D
Acq: 08 Feb 2016 16:59

Instrument :
BNA_M
ClientSampleId :
C04J7

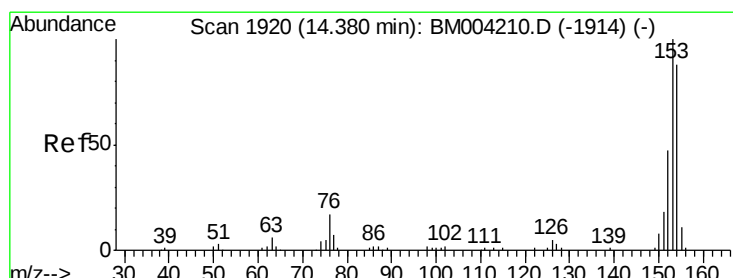
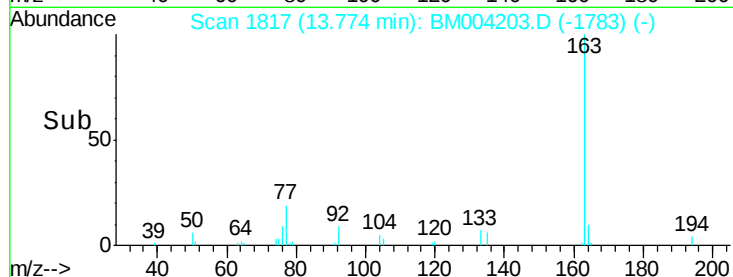
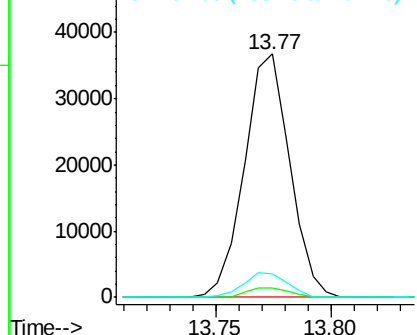
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	50489		
194	4.0		3.2	4.8
164	9.6		7.8	11.8

Manual Integrations
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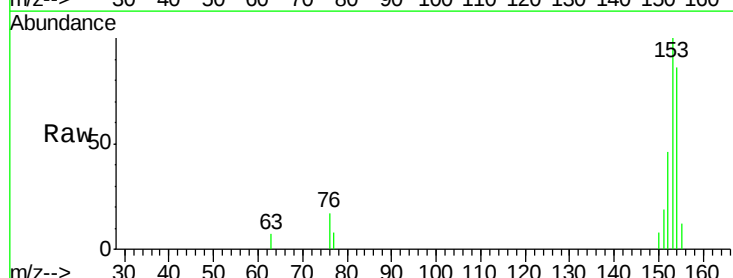


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

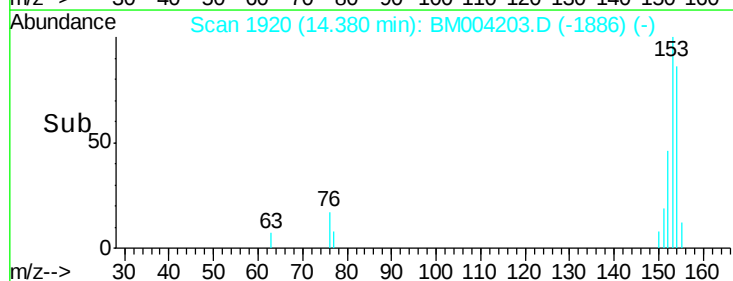
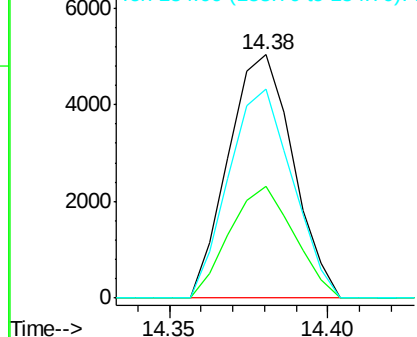


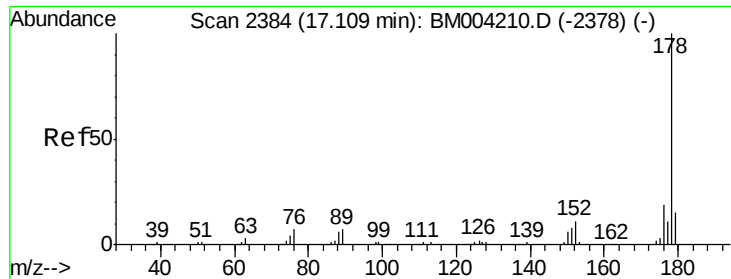
#50
Acenaphthene
Concen: 1.03 ng/ul
RT: 14.38 min Scan# 1920
Delta R.T. 0.00 min
Lab File: BM004203.D
Acq: 08 Feb 2016 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	7107		
152	46.1		38.3	57.5
154	85.8		71.8	107.8



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#70

Phenanthrene

Concen: 13.11 ng/ul

RT: 17.11 min Scan# 2384

Delta R.T. 0.00 min

Lab File: BM004203.D

Acq: 08 Feb 2016 16:59

Instrument :

BNA_M

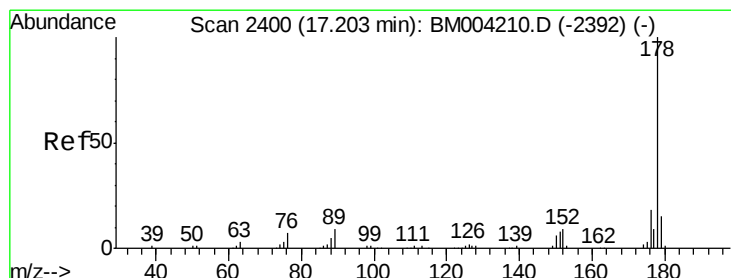
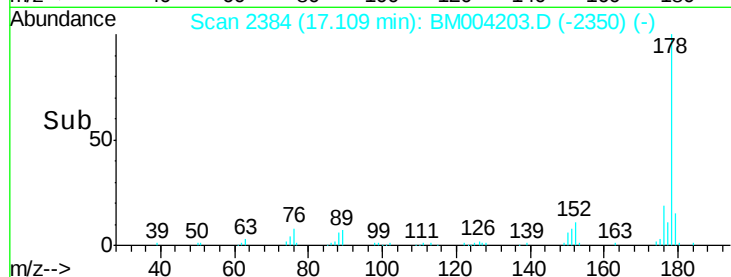
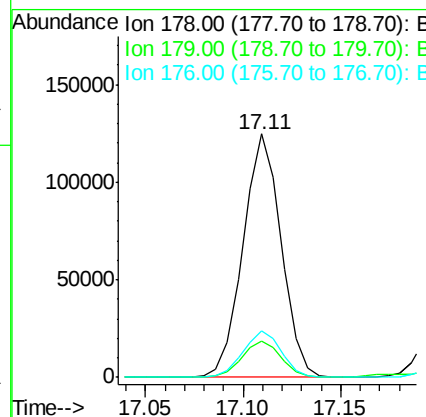
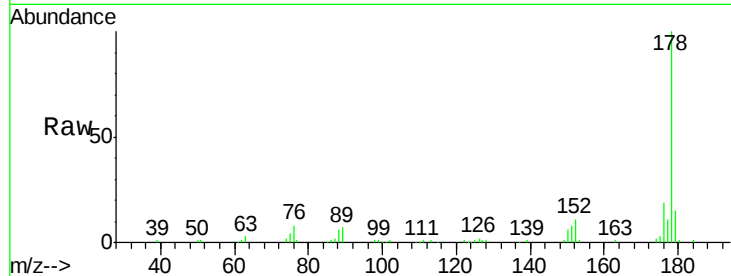
ClientSampleId :

C04J7

Tgt Ion:	178	Resp:	168693
Ion Ratio	Lower	Upper	
178	100		
179	15.0	12.2	18.4
176	19.3	15.6	23.4

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#72

Anthracene

Concen: 2.62 ng/ul

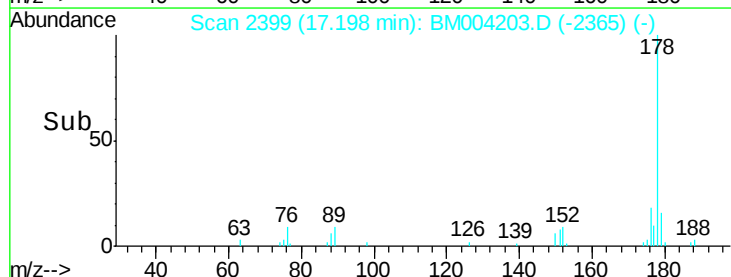
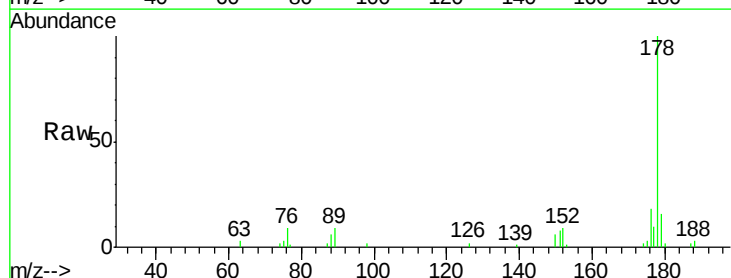
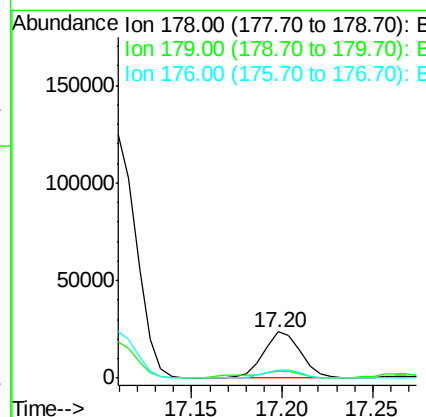
RT: 17.20 min Scan# 2399

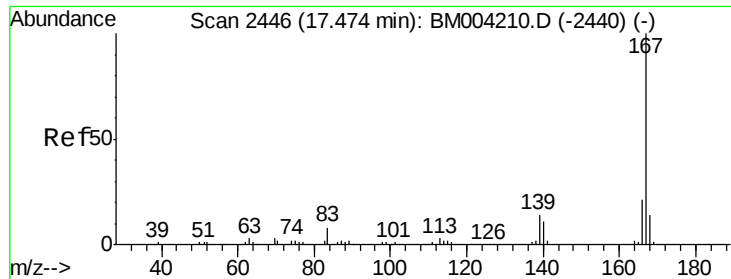
Delta R.T. 0.00 min

Lab File: BM004203.D

Acq: 08 Feb 2016 16:59

Tgt Ion:	178	Resp:	34229
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.1	18.1
176	18.4	14.8	22.2





#75

Carbazole

Concen: 1.25 ng/ul

RT: 17.47 min Scan# 2446

Delta R.T. 0.00 min

Lab File: BM004203.D

Acq: 08 Feb 2016 16:59

Instrument :

BNA_M

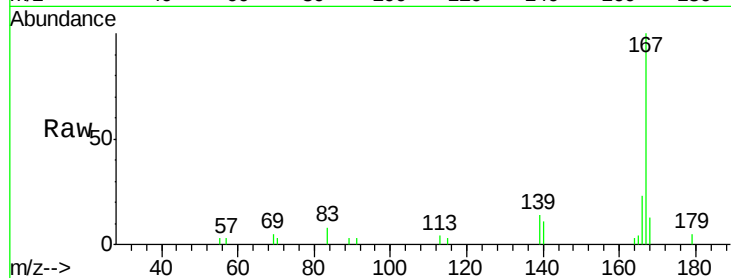
ClientSampleId :

C04J7

Tgt Ion:	167	Resp:	14837
Ion Ratio	Lower	Upper	
167	100		
166	22.5	17.0	25.6
139	14.1	11.0	16.4

Manual Integrations
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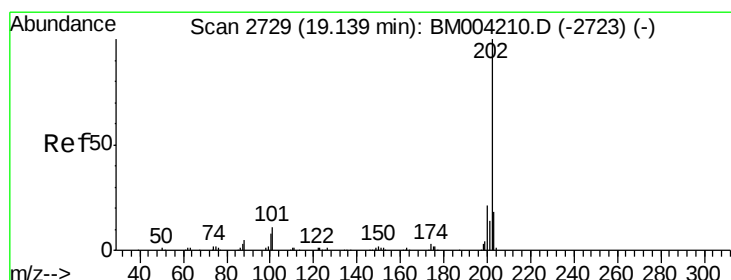
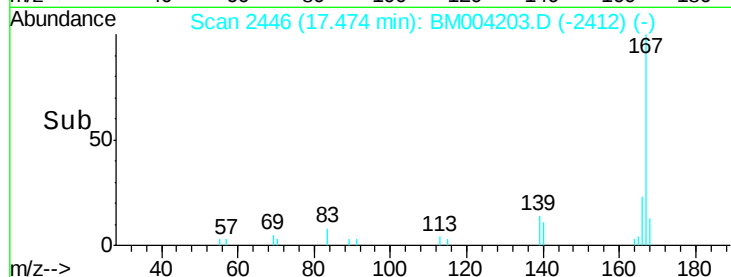
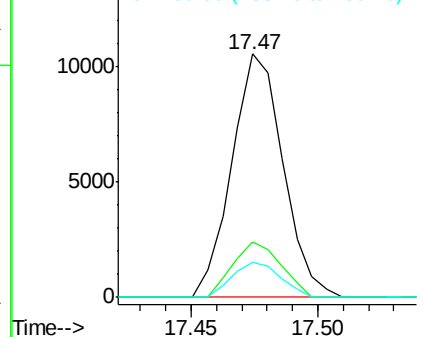
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#77

Fluoranthene

Concen: 22.49 ng/ul

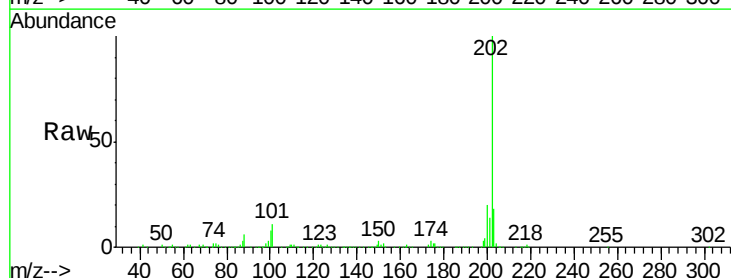
RT: 19.14 min Scan# 2729

Delta R.T. 0.00 min

Lab File: BM004203.D

Acq: 08 Feb 2016 16:59

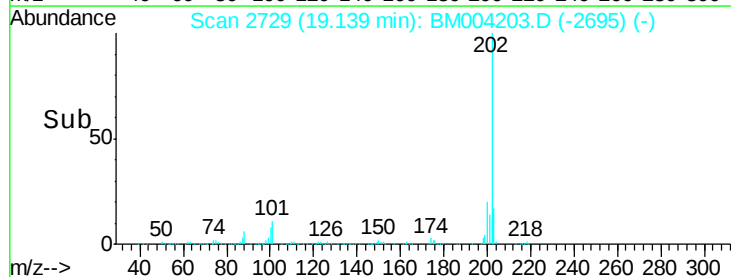
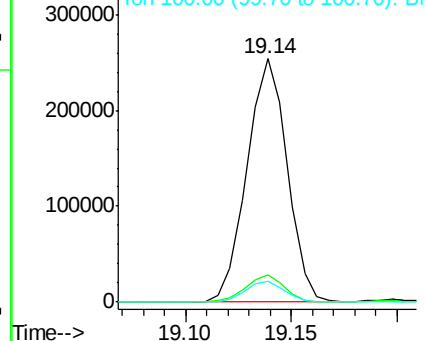
Tgt Ion:	202	Resp:	336894
Ion Ratio	Lower	Upper	
202	100		
101	11.1	8.8	13.2
100	8.4	6.6	9.8

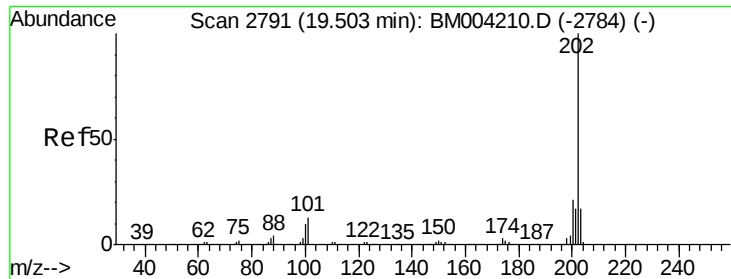


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





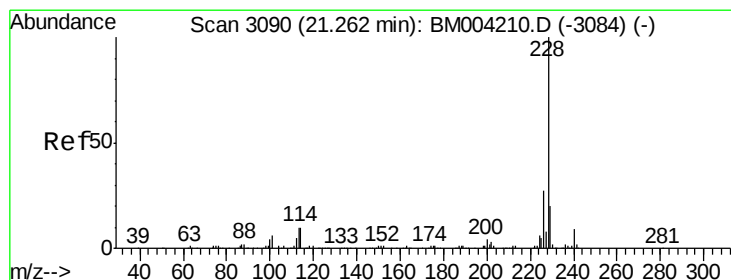
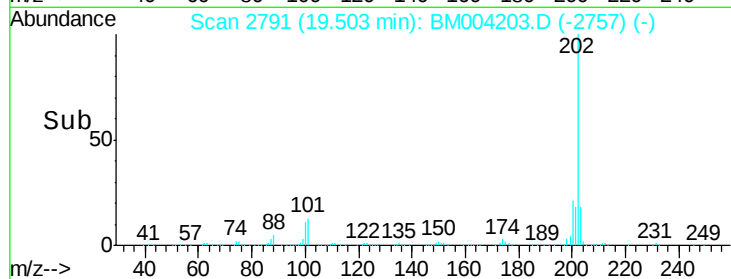
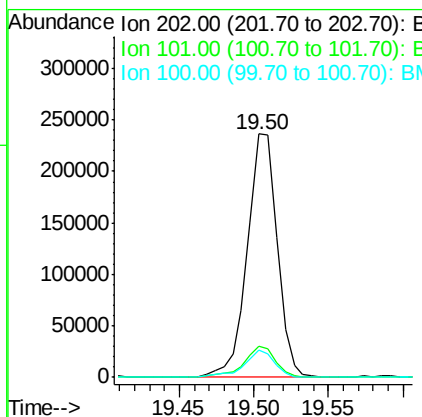
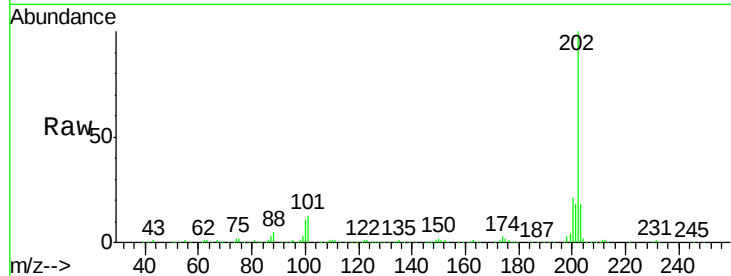
#80
 Pyrene
 Concen: 22.92 ng/ul
 RT: 19.50 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: BM004203.D
 Acq: 08 Feb 2016 16:59

Instrument :
 BNA_M
 ClientSampleId :
 C04J7

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.1	10.2	15.2
100	11.2	8.5	12.7

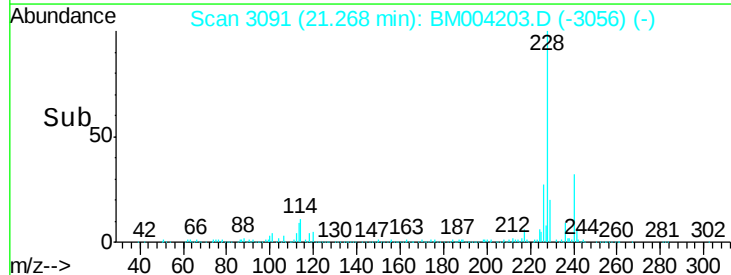
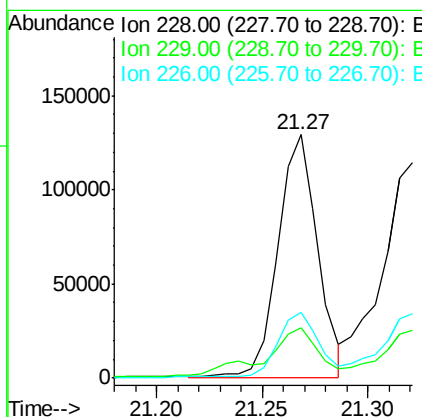
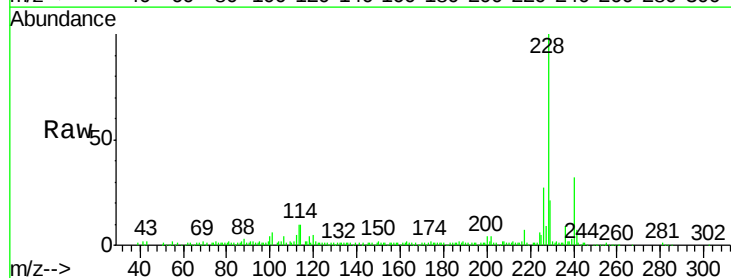
Manual Integrations
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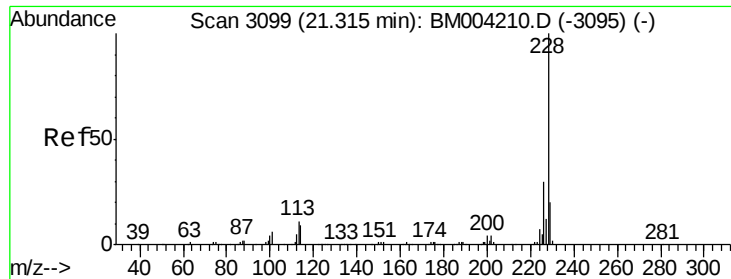
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#83
 Benzo(a)anthracene
 Concen: 11.31 ng/ul
 RT: 21.27 min Scan# 3091
 Delta R.T. 0.01 min
 Lab File: BM004203.D
 Acq: 08 Feb 2016 16:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.5	15.7	23.5
226	27.0	21.8	32.6





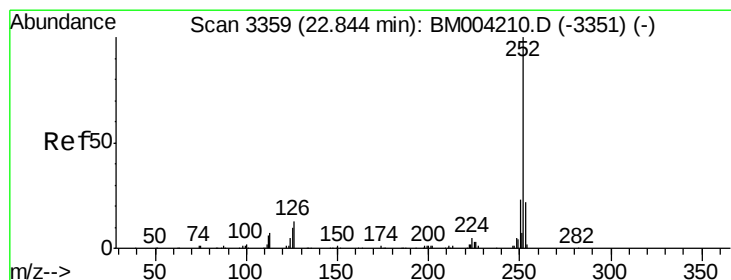
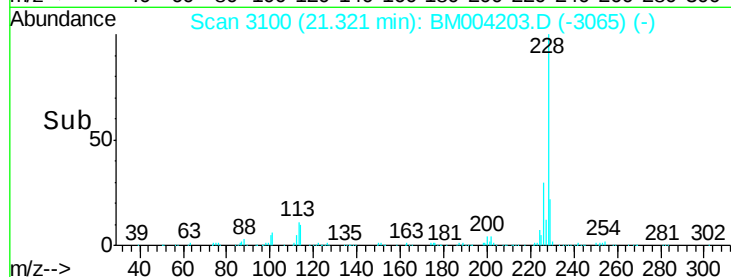
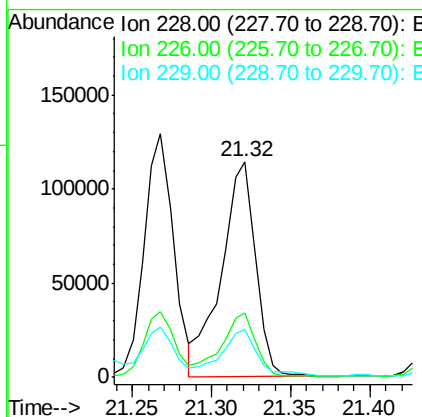
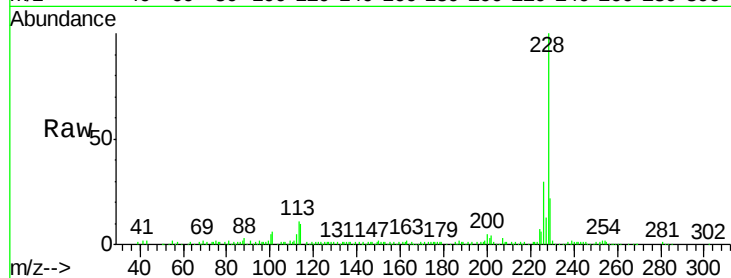
#85
Chrysene
Concen: 12.08 ng/ul
RT: 21.32 min Scan# 3100
Delta R.T. 0.01 min
Lab File: BM004203.D
Acq: 08 Feb 2016 16:59

Instrument :
BNA_M
ClientSampleId :
C04J7

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	170540		
226	29.7	24.0	36.0	
229	22.3	15.6	23.4	

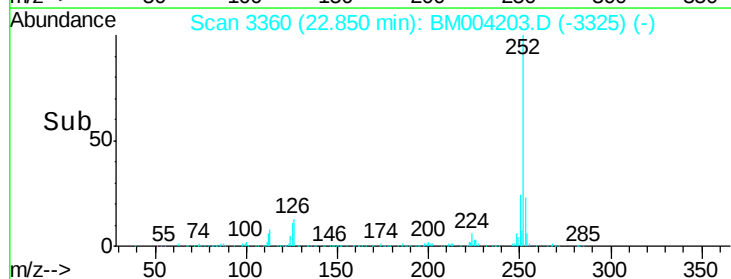
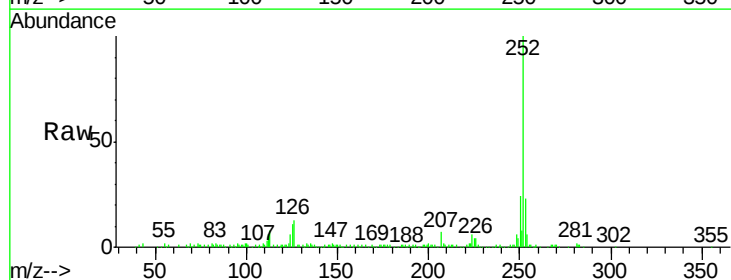
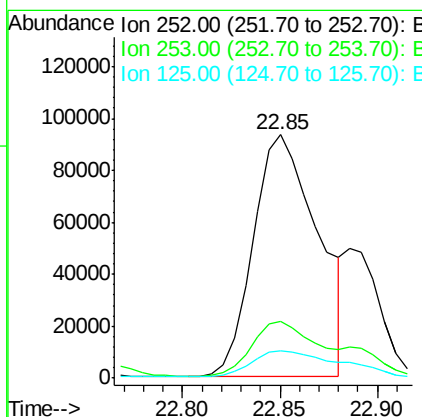
Manual Integrations
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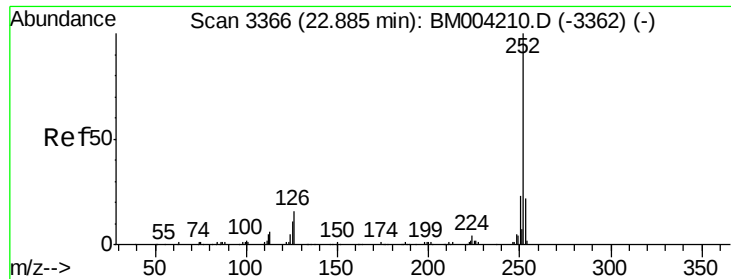
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#88
Benzo(b)fluoranthene
Concen: 17.52 ng/ul
RT: 22.85 min Scan# 3360
Delta R.T. 0.01 min
Lab File: BM004203.D
Acq: 08 Feb 2016 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	214103		
253	23.3	17.5	26.3	
125	11.5	8.5	12.7	





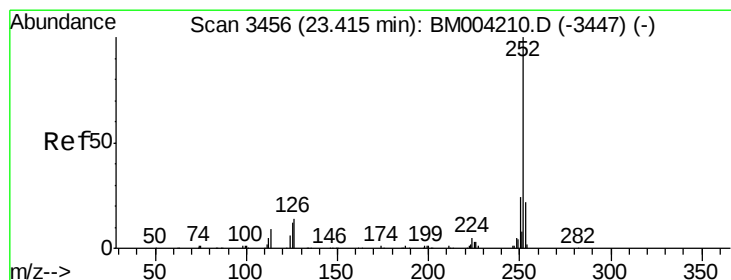
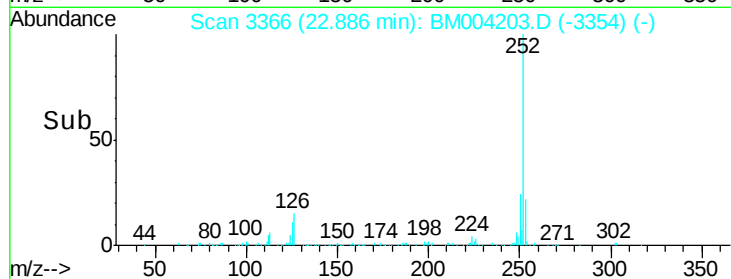
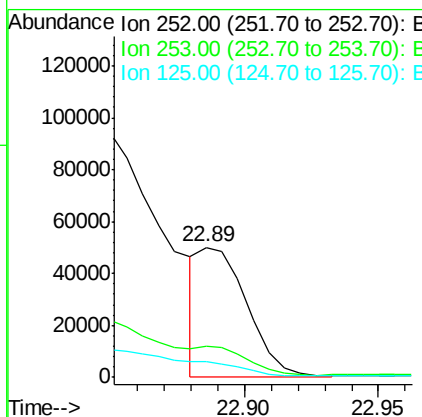
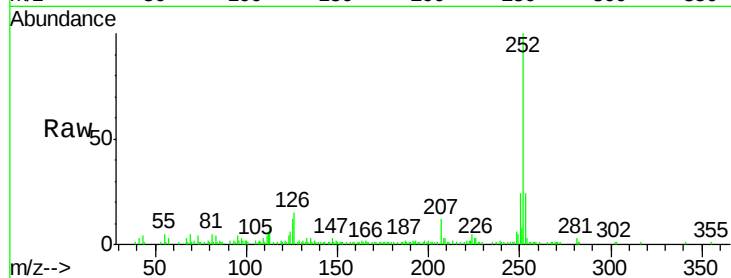
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Benzo(k)fluoranthene
Concen: 5.42 ng/ul m
RT: 22.89 min Scan# 3366
Delta R.T. 0.00 min
Lab File: BM004203.D
Acq: 08 Feb 2016 16:59

Instrument :
BNA_M
ClientSampleId :
C04J7

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.3	25.9
125	12.3	8.2	12.2#

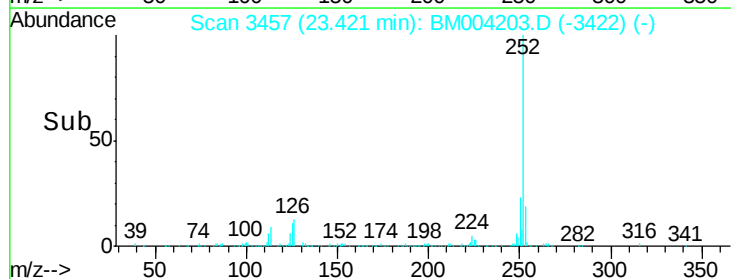
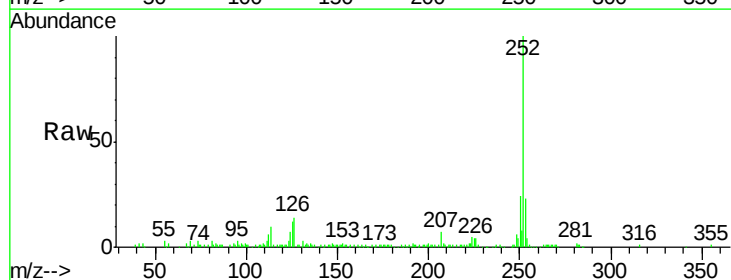
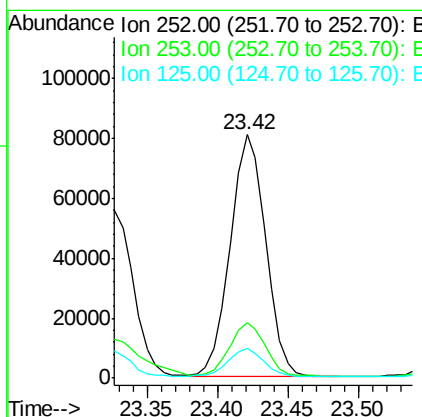
Manual Integrations
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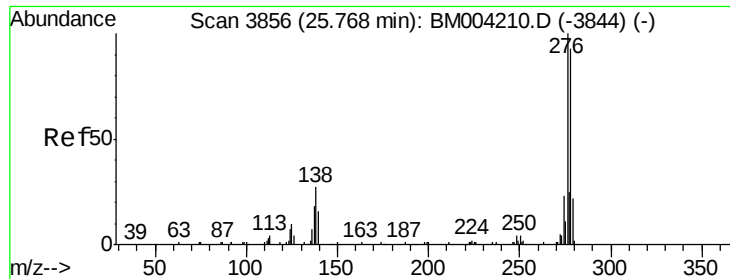
Sohil
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#91
Benzo(a)pyrene
Concen: 12.02 ng/ul
RT: 23.42 min Scan# 3457
Delta R.T. 0.01 min
Lab File: BM004203.D
Acq: 08 Feb 2016 16:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	12.1	9.0	13.6





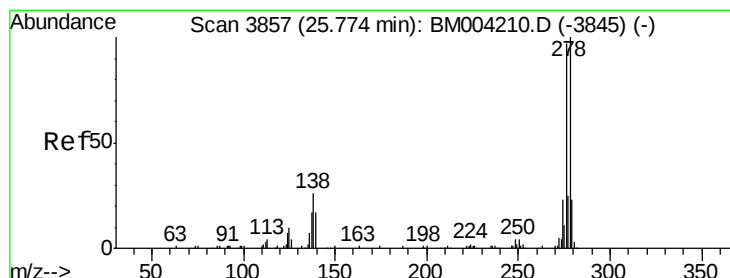
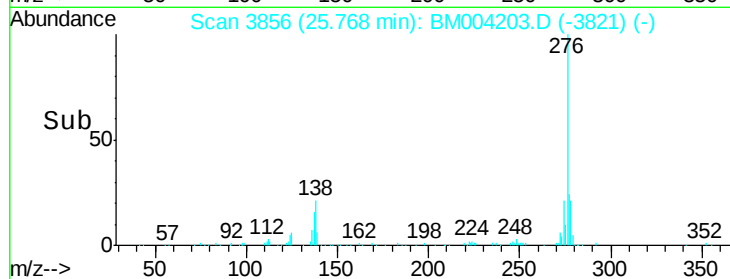
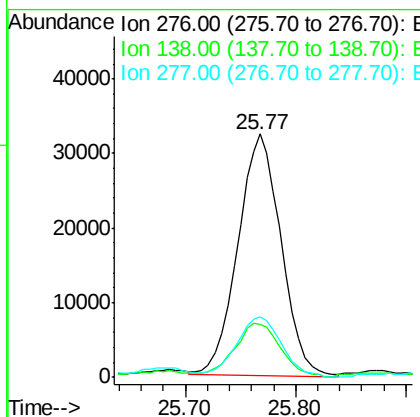
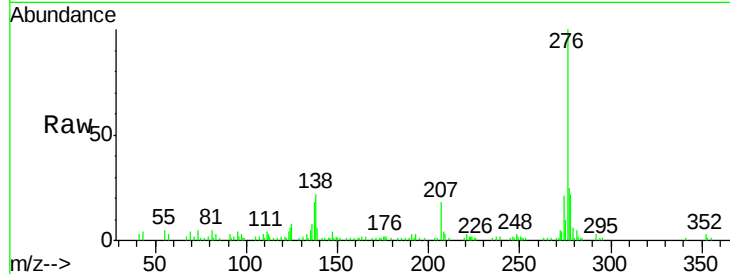
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 6.29 ng/u1
 RT: 25.77 min Scan# 3856
 Delta R.T. 0.01 min
 Lab File: BM004203.D
 Acq: 08 Feb 2016 16:59

Instrument :
 BNA_M
 ClientSampleId :
 C04J7

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	88670		
138	21.5	22.3	33.5#	
277	24.9	20.2	30.2	

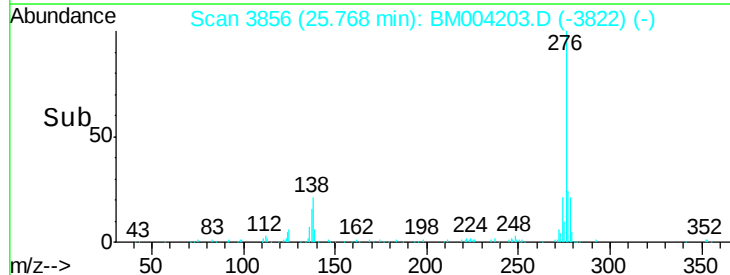
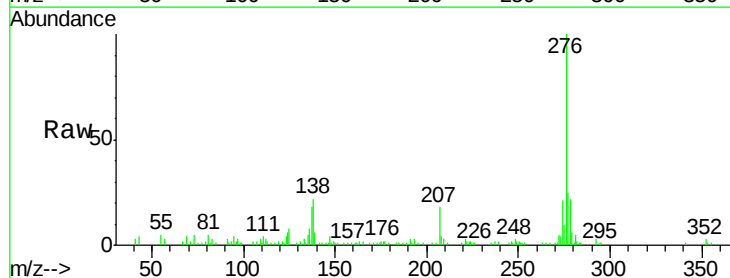
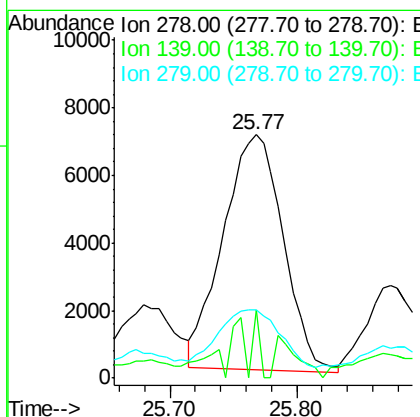
Manual Integrations
 APPROVED

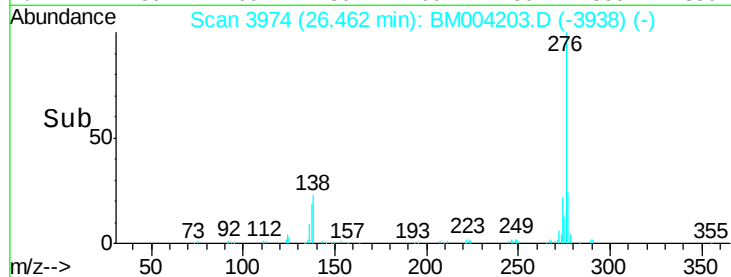
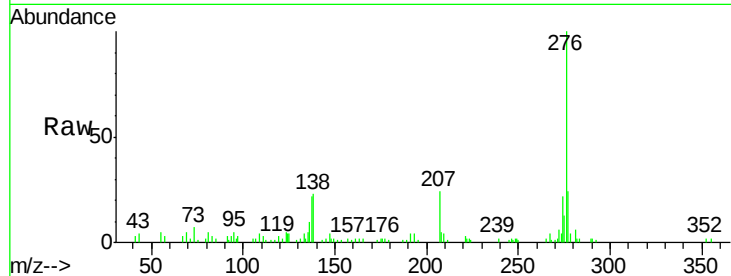
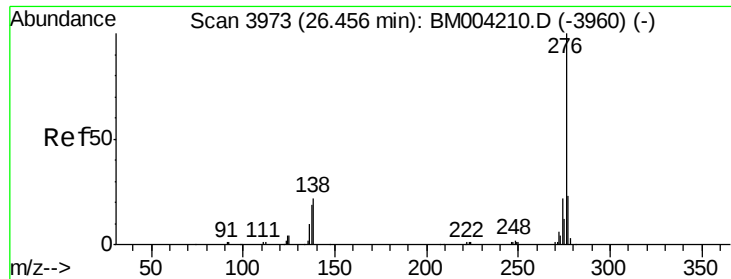
Sohil
 2/9/2016 3:30:45 PM



#93
 Dibenzo(a,h)anthracene
 Concen: 1.95 ng/u1
 RT: 25.77 min Scan# 3856
 Delta R.T. 0.00 min
 Lab File: BM004203.D
 Acq: 08 Feb 2016 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	22928		
139	28.3	13.9	20.9#	
279	27.9	19.0	28.4	





#94

Benzo(g,h,i)perylene

Concen: 6.33 ng/ul

RT: 26.46 min Scan# 3974

Delta R.T. 0.01 min

Lab File: BM004203.D

Acq: 08 Feb 2016 16:59

Tgt Ion:	276	Resp:	76093
Ion Ratio	Lower	Upper	
276	100		
138	22.9	18.9	28.3
277	24.3	19.2	28.8

Instrument :

BNA_M

ClientSampleId :

C04J7

Manual Integrations
APPROVED

Sohil
2/9/2016 3:30:45 PM

