

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
 Data File : BM009591.D
 Acq On : 06 Apr 2017 13:35
 Operator : SJ/MA
 Sample : I2524-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB359

Manual Integrations
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Quant Time: Apr 06 14:35:07 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 06 10:55:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	139243	20.00	ng/ul	0.00
2) Naphthalene-d8	10.63	136	538567	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	313397	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	737217	20.00	ng/ul	0.00
18) Chrysene-d12	21.42	240	972534	20.00	ng/ul	0.00
23) Perylene-d12	23.74	264	931858	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.25	165	203193	24.54	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	800232	26.05	ng/ul	0.00
10) Fluorene-d10	15.48	176	593617	26.87	ng/ul	0.00
15) Anthracene-d10	17.33	188	970700	27.52	ng/ul	0.00
19) Pyrene-d10	19.63	212	1199526	30.01	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.59	264	1244245	30.24	ng/ul	0.00
Target Compounds				Qvalue		
8) Acenaphthylene	14.21	152	64024	2.08	ng/ul#	92
9) Acenaphthene	14.54	153	40804	1.92	ng/ul	96
11) Fluorene	15.53	166	50615	1.95	ng/ul	90
14) Phenanthrene	17.27	178	1101892	26.59	ng/ul	97
16) Anthracene	17.37	178	240979	5.62	ng/ul	98
17) Fluoranthene	19.29	202	2046314	39.64	ng/ul	95
20) Pyrene	19.66	202	1926543	36.38	ng/ul	96
21) Benzo(a)anthracene	21.40	228	1110085	20.19	ng/ul	99
22) Chrysene	21.45	228	1002570	19.89	ng/ul	98
24) Benzo(b)fluoranthene	23.04	252	1433179	24.87	ng/ul	98
25) Benzo(k)fluoranthene	23.07	252	408387m	7.44	ng/ul	
27) Benzo(a)pyrene	23.64	252	1013814	18.50	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	26.10	276	719329	11.71	ng/ul#	94
29) Dibenzo(a,h)anthracene	26.10	278	214181	4.10	ng/ul	97
30) Benzo(a,h,i)perylene	26.83	276	678439	13.39	ng/ul#	94

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

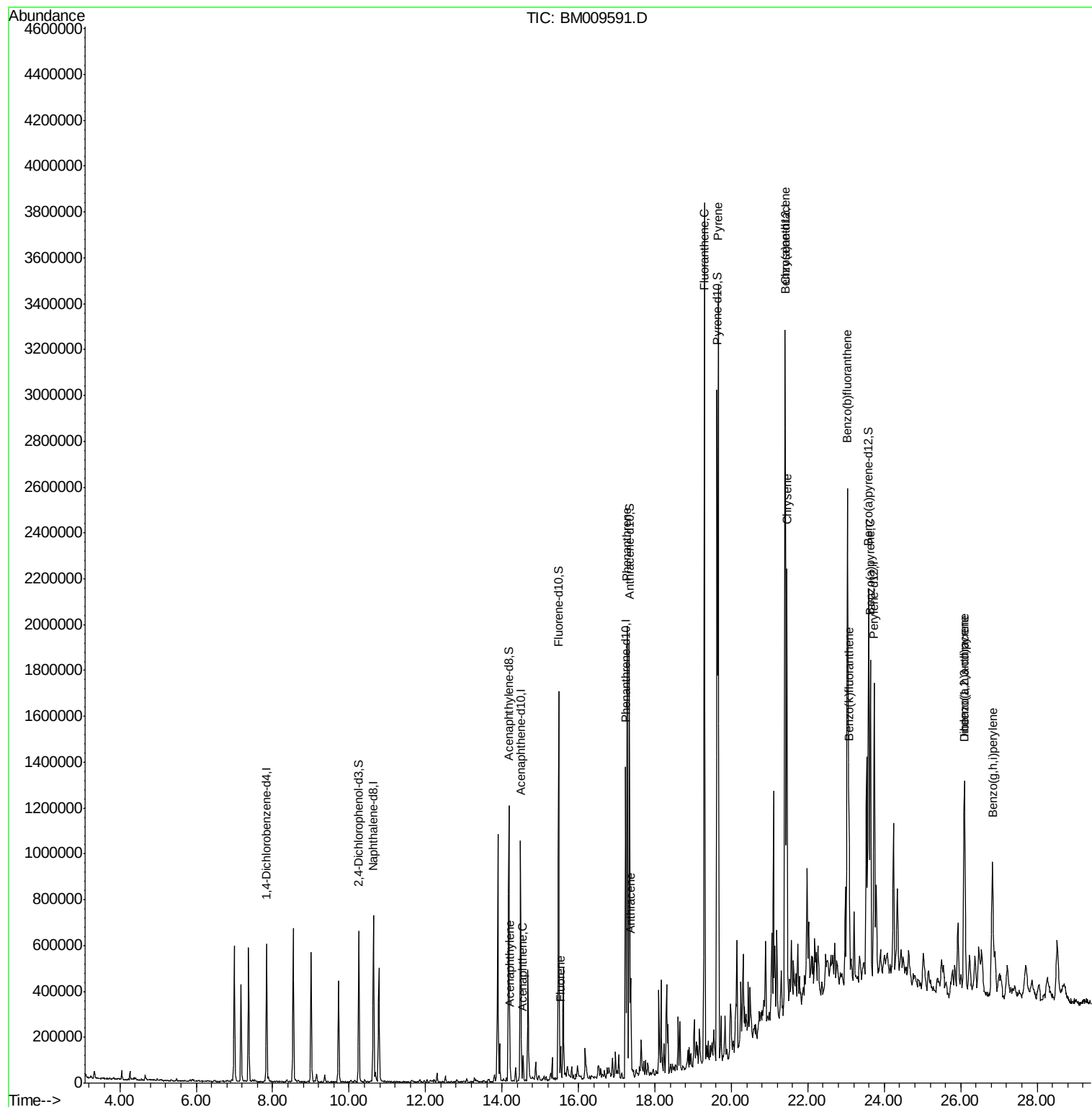
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
Data File : BM009591.D
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ALS Vial : 9 Sample Multiplier: 1

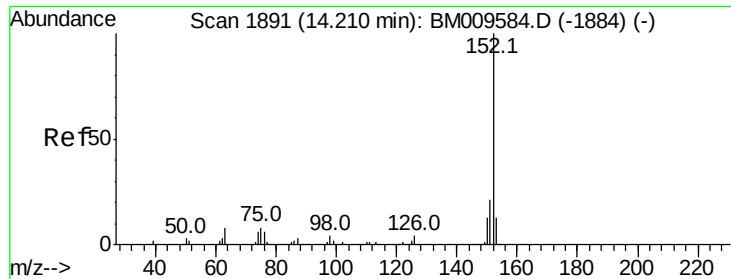
Instrument :
BNA_M
ClientSampled :
CB359

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Quant Time: Apr 06 14:35:07 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
Quant Title : SVOA CALIBRATION
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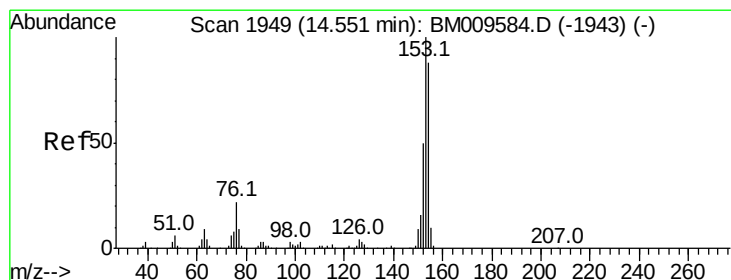
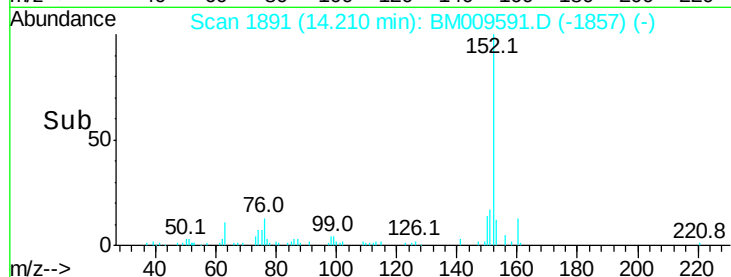
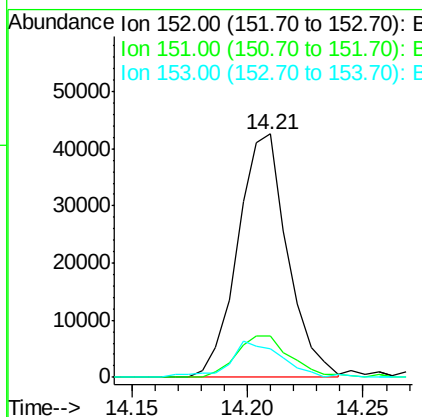
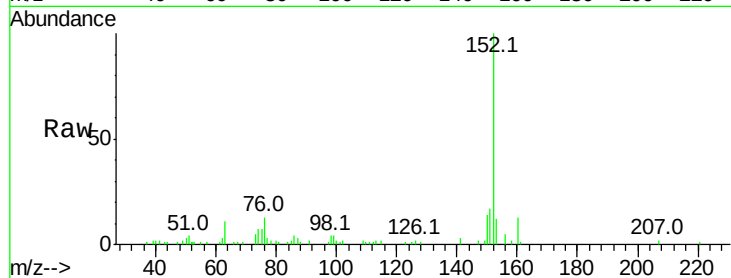
#8
Acenaphthylene
Concen: 2.08 ng/ul
RT: 14.21 min Scan# 1891
Delta R.T. -0.00 min
Lab File: BM009591.D
Acq: 06 Apr 2017 13:35

Instrument :
BNA_M
ClientSampleId :
CB359

Tot Ion	Ratio	Lower	Upper
152	100		
151	17.0	17.5	26.3#
153	11.5	10.6	16.0

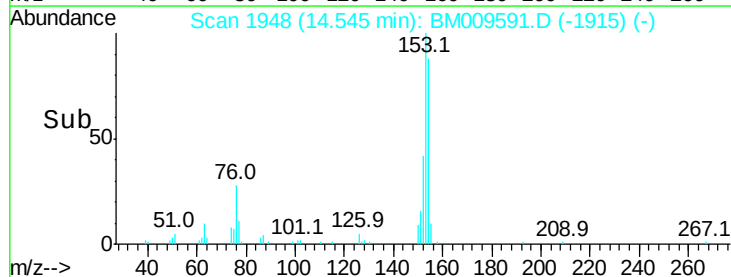
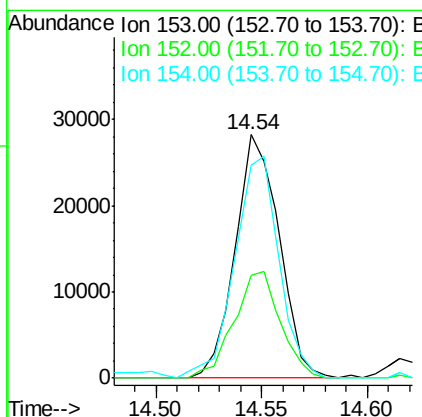
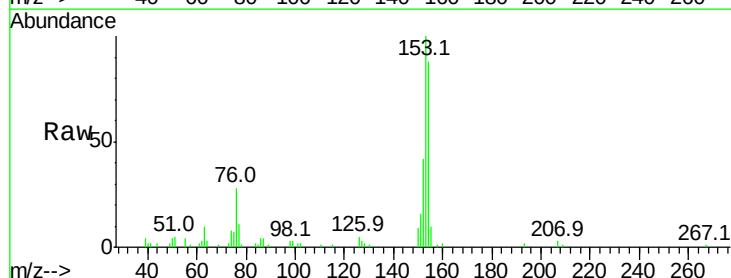
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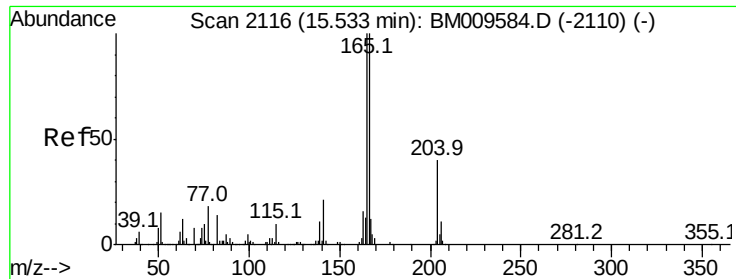
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#9
Acenaphthene
Concen: 1.92 ng/ul
RT: 14.54 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BM009591.D
Acq: 06 Apr 2017 13:35

Tgt Ion	Ratio	Lower	Upper
153	100		
152	42.4	37.9	56.9
154	87.5	71.6	107.4





#11

Fluorene

Concen: 1.95 ng/ul

RT: 15.53 min Scan# 2116

Delta R.T. -0.00 min

Lab File: BM009591.D

Acq: 06 Apr 2017 13:35

Instrument :

BNA_M

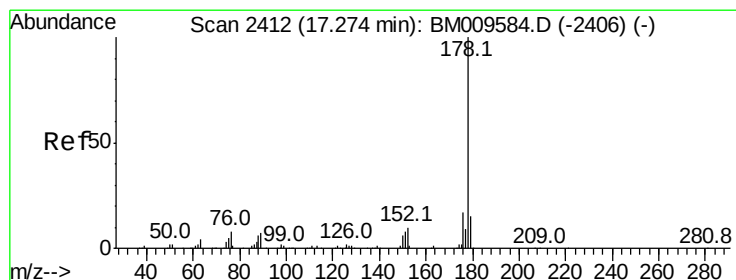
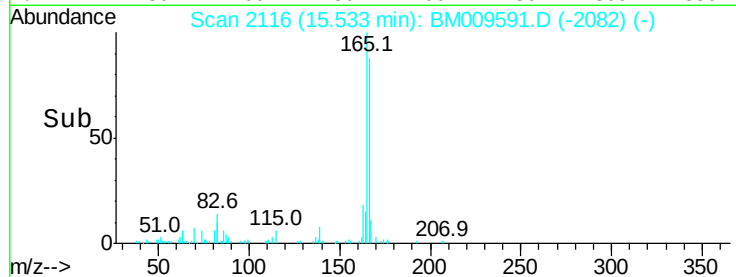
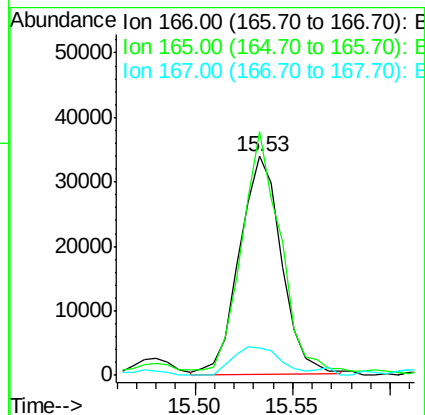
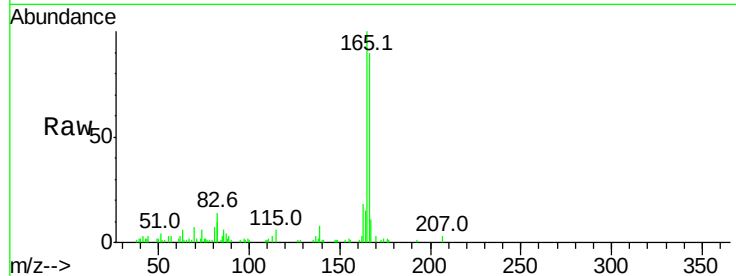
ClientSampled :

CB359

Tot Ion	Ratio	Lower	Upper
166	100		
165	111.1	80.0	120.0
167	12.4	11.6	17.4

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#14

Phenanthrene

Concen: 26.59 ng/ul

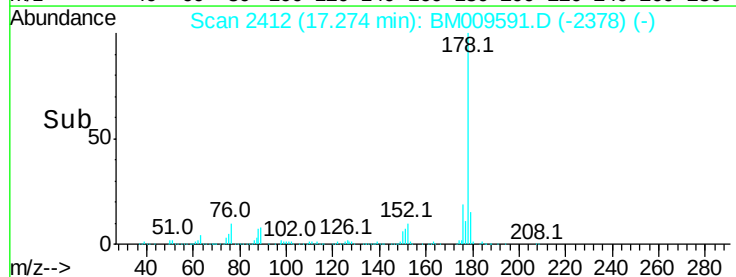
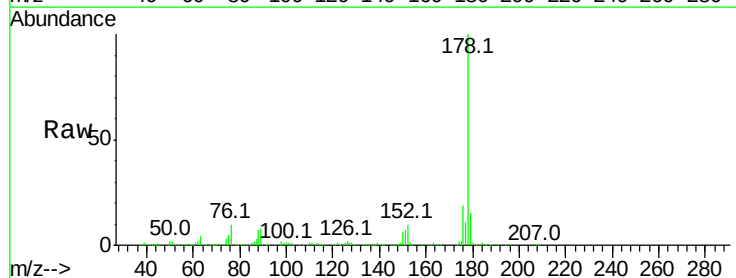
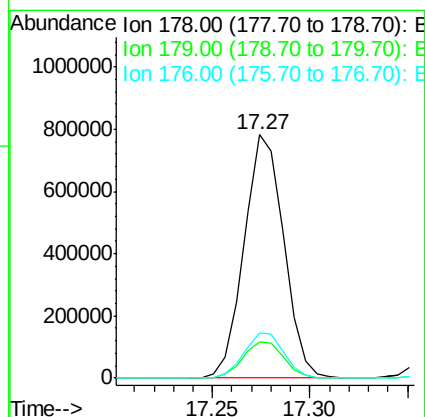
RT: 17.27 min Scan# 2412

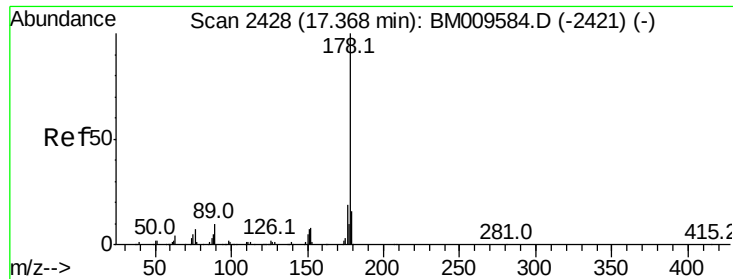
Delta R.T. -0.00 min

Lab File: BM009591.D

Acq: 06 Apr 2017 13:35

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.4
176	18.6	16.4	24.6





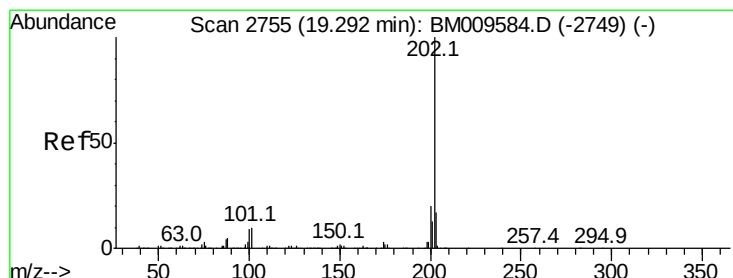
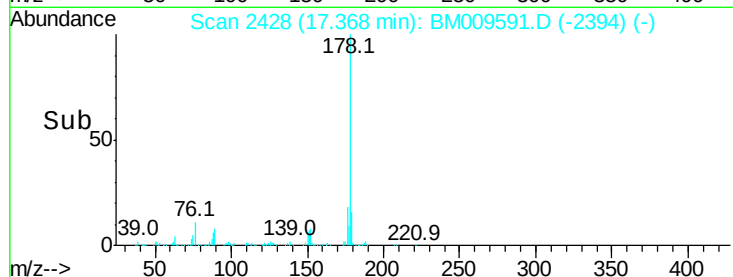
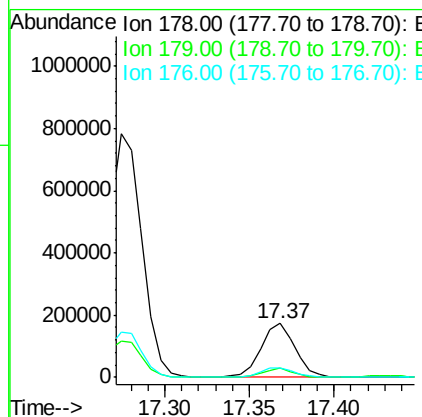
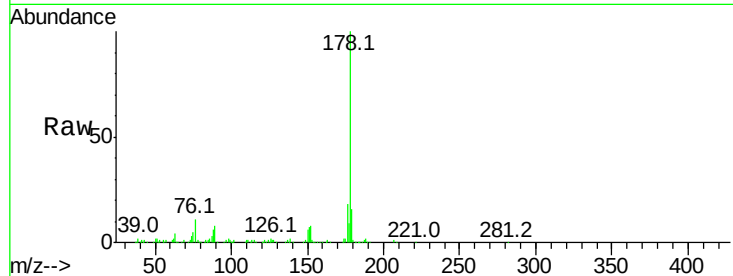
#16
 Anthracene
 Concen: 5.62 ng/ul
 RT: 17.37 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BM009591.D
 Acq: 06 Apr 2017 13:35

Instrument :
 BNA_M
 ClientSampled :
 CB359

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.7	19.1
176	18.4	15.8	23.8

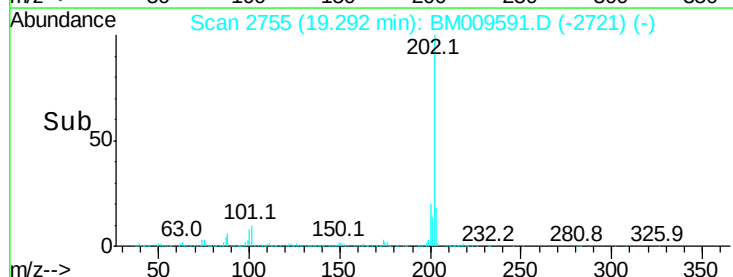
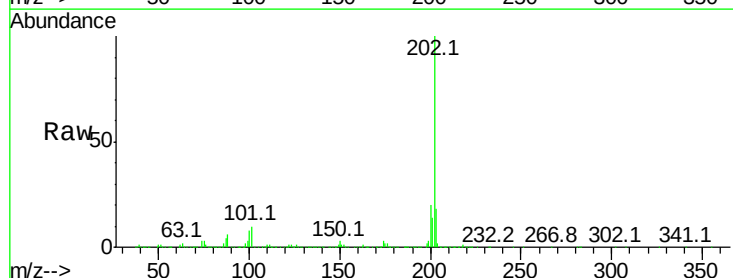
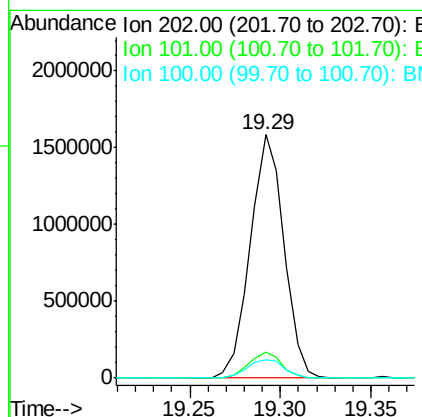
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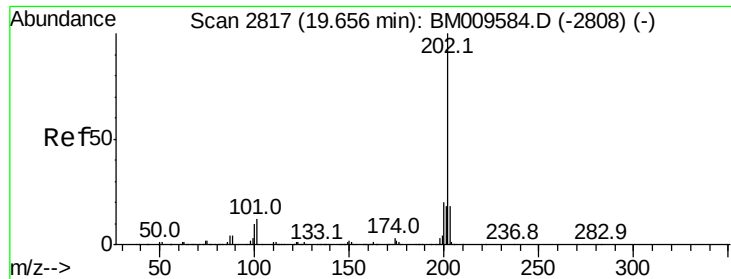
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#17
 Fluoranthene
 Concen: 39.64 ng/ul
 RT: 19.29 min Scan# 2755
 Delta R.T. -0.00 min
 Lab File: BM009591.D
 Acq: 06 Apr 2017 13:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	9.8	14.8
100	7.6	7.5	11.3





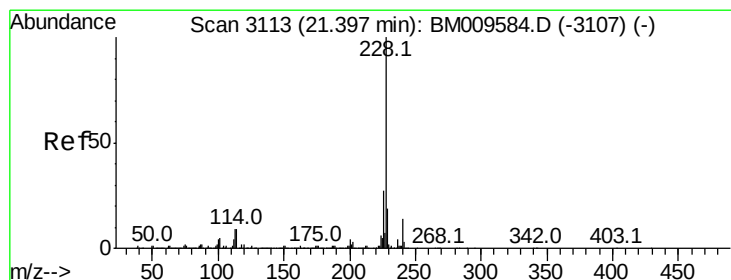
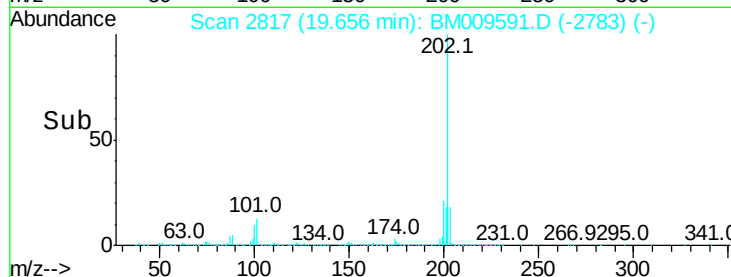
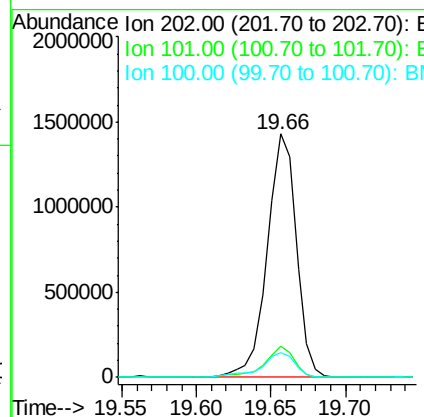
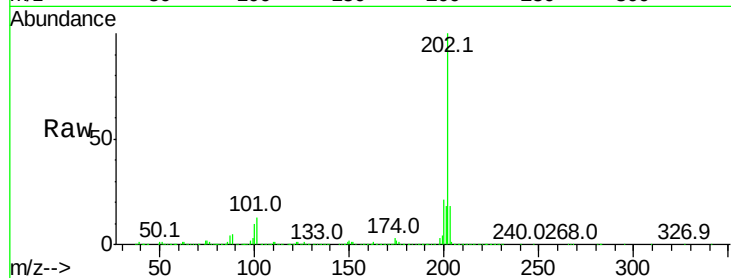
#20
Pvrene
Concen: 36.38 ng/ul
RT: 19.66 min Scan# 2817
Delta R.T. -0.00 min
Lab File: BM009591.D
Acq: 06 Apr 2017 13:35

Instrument :
BNA_M
ClientSampleId :
CB359

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.7	11.2	16.8
100	10.4	9.8	14.6

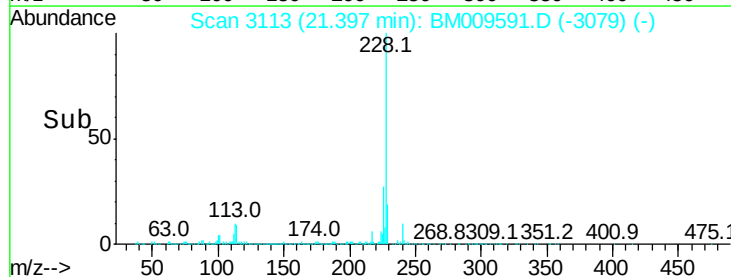
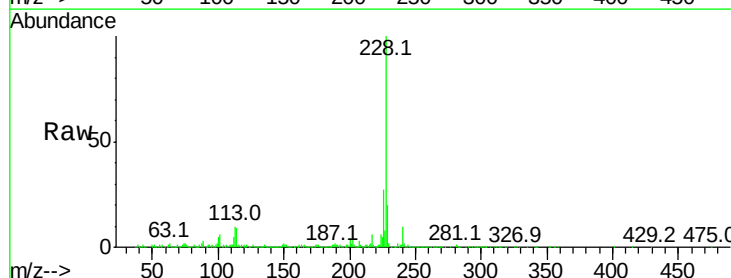
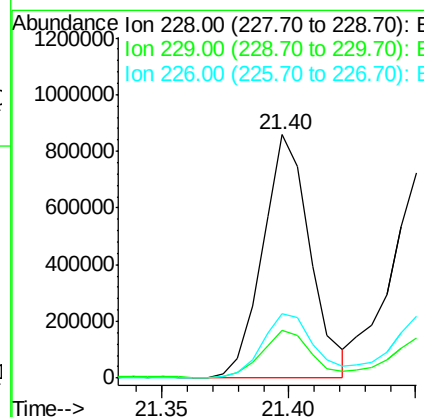
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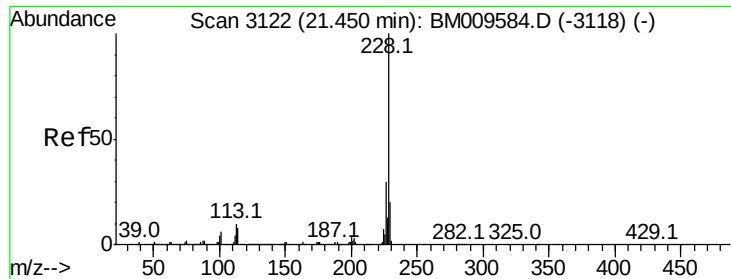
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#21
Benzo(a)anthracene
Concen: 20.19 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. -0.00 min
Lab File: BM009591.D
Acq: 06 Apr 2017 13:35

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.9	23.9
226	26.7	22.1	33.1





#22

Chrysene

Concen: 19.89 ng/ul

RT: 21.45 min Scan# 3122

Delta R.T. -0.00 min

Lab File: BM009591.D

Acq: 06 Apr 2017 13:35

Instrument :

BNA_M

ClientSampled :

CB359

Tot Ion:228 Resp: 1002570

Ion Ratio Lower Upper

228 100

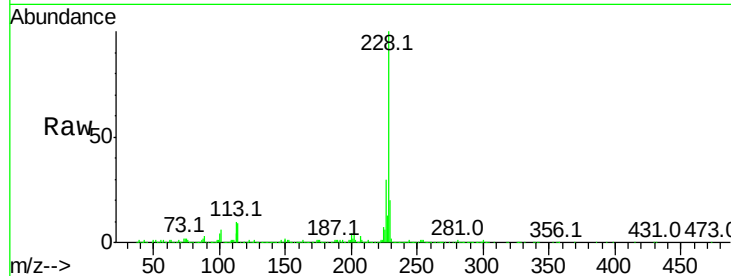
226 30.1 25.0 37.6

229 19.6 16.6 25.0

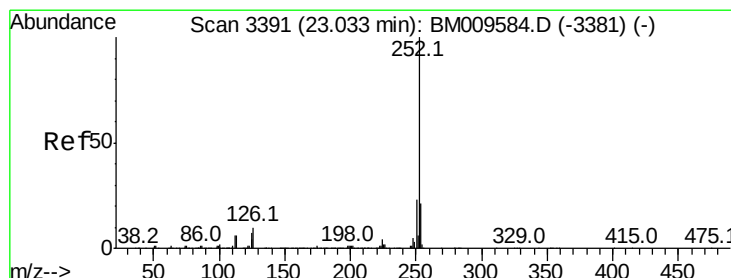
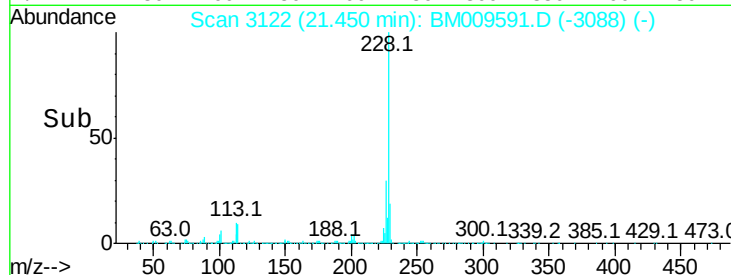
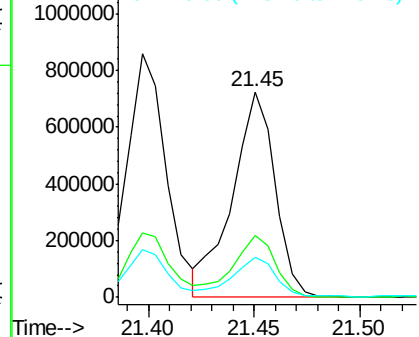
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#24

Benzo(b)fluoranthene

Concen: 24.87 ng/ul

RT: 23.04 min Scan# 3392

Delta R.T. 0.01 min

Lab File: BM009591.D

Acq: 06 Apr 2017 13:35

Tgt Ion:252 Resp: 1433179

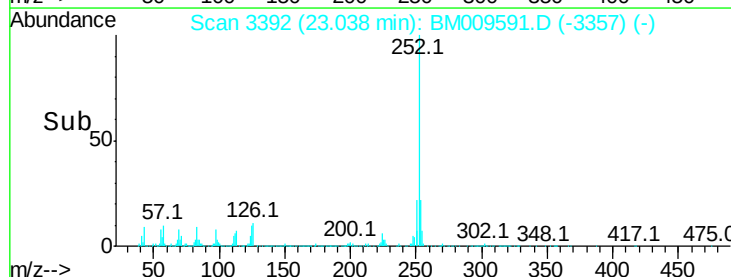
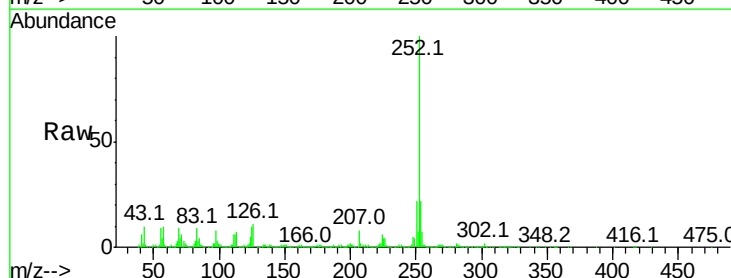
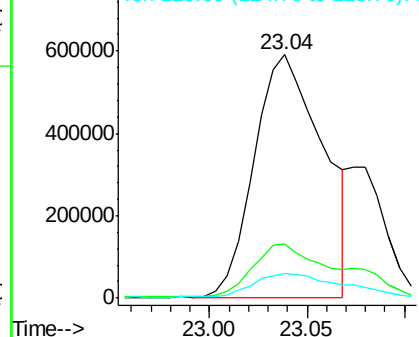
Ion Ratio Lower Upper

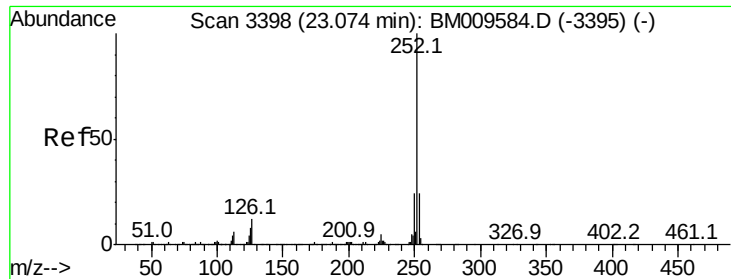
252 100

253 22.0 17.8 26.6

125 10.2 9.4 14.0

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





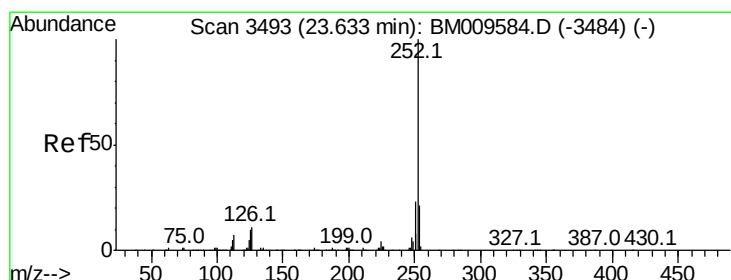
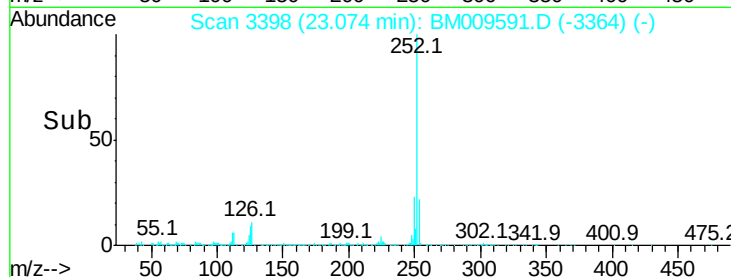
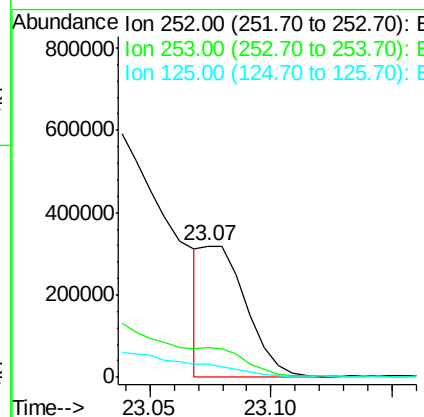
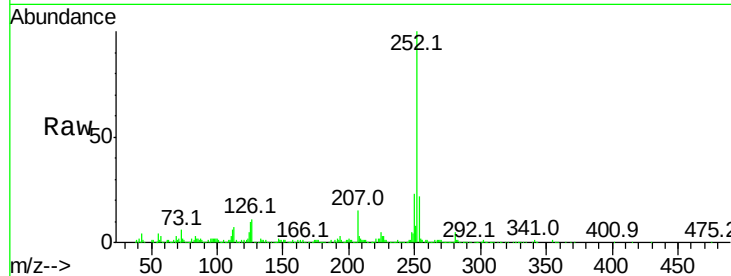
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Benzo(k)fluoranthene
Concen: 7.44 ng/ul m
RT: 23.07 min Scan# 3398
Delta R.T. -0.00 min
Lab File: BM009591.D
Acq: 06 Apr 2017 13:35

Instrument :
BNA_M
ClientSampleId :
CB359

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	9.8	8.8	13.2

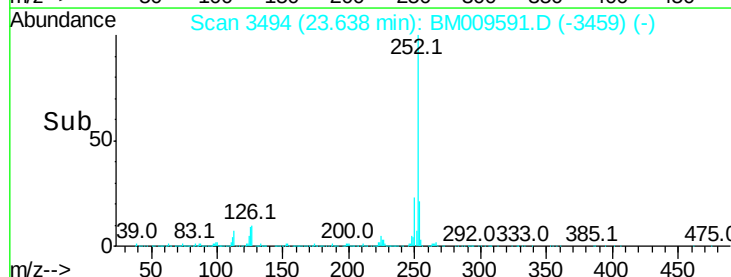
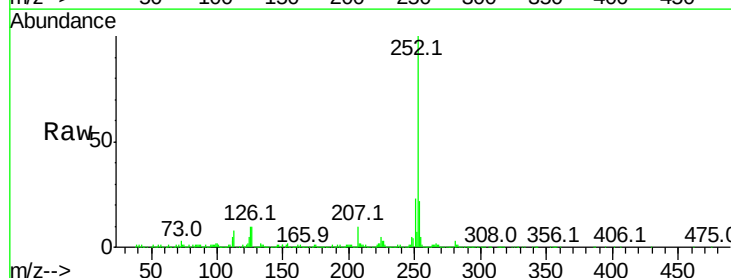
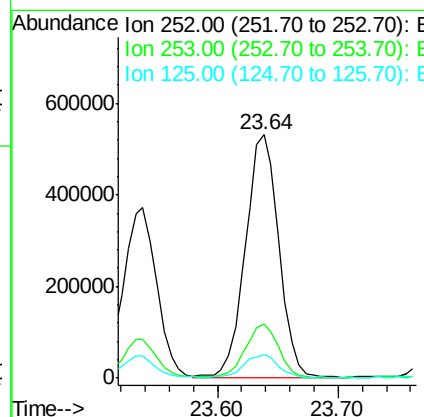
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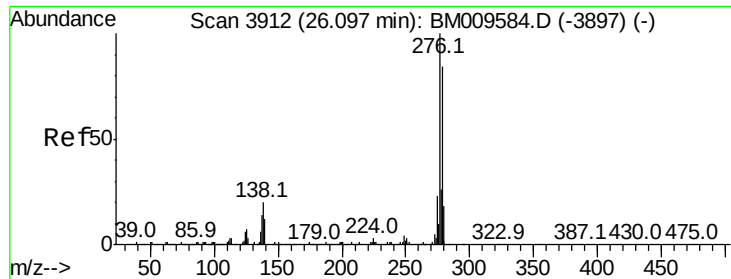
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#27
Benzo(a)pyrene
Concen: 18.50 ng/ul
RT: 23.64 min Scan# 3494
Delta R.T. 0.01 min
Lab File: BM009591.D
Acq: 06 Apr 2017 13:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	9.8	9.4	14.2





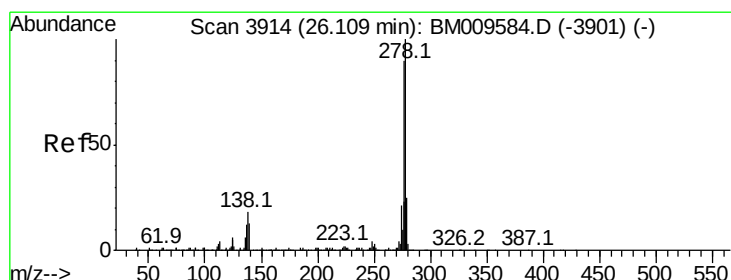
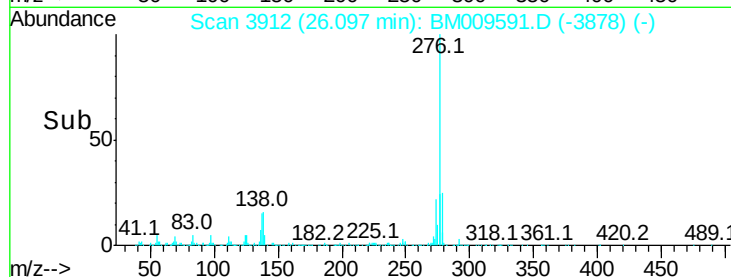
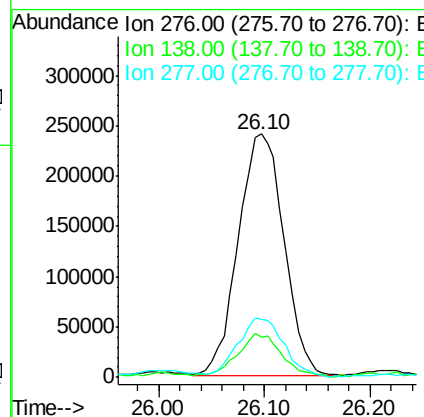
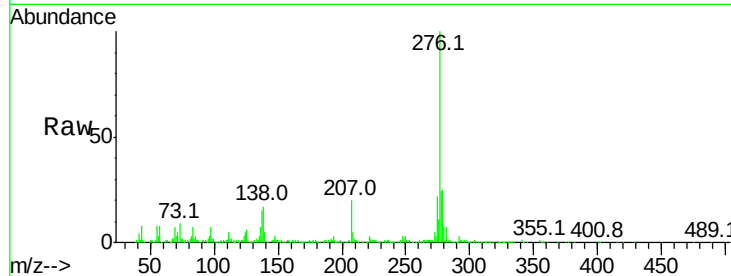
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 11.71 ng/ul
 RT: 26.10 min Scan# 3912
 Delta R.T. -0.00 min
 Lab File: BM009591.D
 Acq: 06 Apr 2017 13:35

Instrument :
 BNA_M
 ClientSampleId :
 CB359

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.5	17.8	26.6#
277	24.0	19.4	29.0

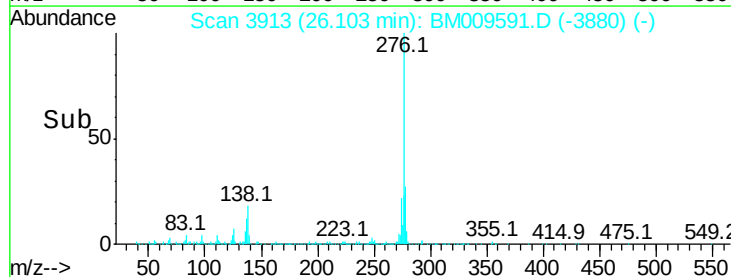
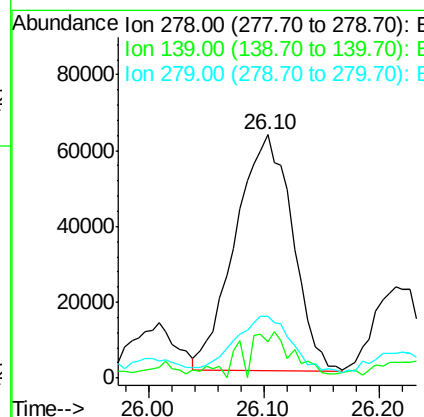
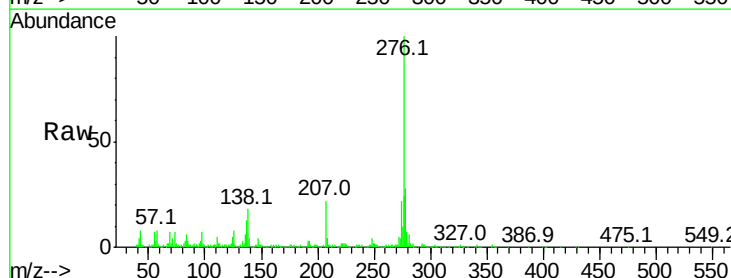
Manual Integrations
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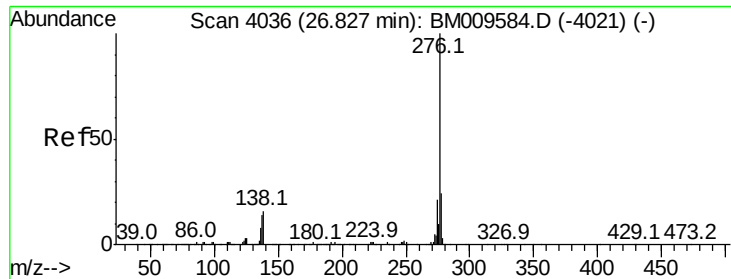
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#29
 Dibenzo(a,h)anthracene
 Concen: 4.10 ng/ul
 RT: 26.10 min Scan# 3913
 Delta R.T. -0.01 min
 Lab File: BM009591.D
 Acq: 06 Apr 2017 13:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.1	14.0	21.0
279	25.5	20.6	31.0





#30
 Benzo(a,h,i)perylene
 Concen: 13.39 ng/ul
 RT: 26.83 min Scan# 4037
 Delta R.T. 0.01 min
 Lab File: BM009591.D
 Acq: 06 Apr 2017 13:35

Instrument :
 BNA_M
 ClientSampleId :
 CB359

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.7	19.0	28.4#
277	25.9	19.7	29.5

Manual Integrations
 APPROVED

mohammad
 4/7/2017 2:09:58 PM

