

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040817\
 Data File : BM009633.D
 Acq On : 07 Apr 2017 17:38
 Operator : SJ/MA
 Sample : I2526-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB388

Manual Integrations
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Quant Time: Apr 07 18:23:32 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040417-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 07 03:19:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	169083	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	659759	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	373617	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.24	188	852166	20.00	ng/ul	0.00
18) Chrysene-d12	21.42	240	1098528	20.00	ng/ul	0.00
23) Perylene-d12	23.75	264	1054464	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.25	165	229238	22.60	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	1051196	28.71	ng/ul	0.00
10) Fluorene-d10	15.48	176	741585	28.16	ng/ul	0.00
15) Anthracene-d10	17.33	188	1170517	28.71	ng/ul	0.00
19) Pyrene-d10	19.63	212	1376450	30.49	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.60	264	1368351	29.39	ng/ul	0.00
Target Compounds						
						Qvalue
4) Naphthalene	10.69	128	98752	2.92	ng/ul	96
5) 2-Methylnaphthalene	12.30	142	43668	1.77	ng/ul	97
8) Acenaphthylene	14.21	152	114641	3.12	ng/ul#	94
9) Acenaphthene	14.55	153	123074	4.87	ng/ul	93
11) Fluorene	15.53	166	146222	4.74	ng/ul	95
14) Phenanthrene	17.28	178	2426956	50.66	ng/ul	98
16) Anthracene	17.37	178	637979	12.88	ng/ul	97
17) Fluoranthene	19.30	202	4219262	70.71	ng/ul	96
20) Pyrene	19.66	202	3698376	61.83	ng/ul	96
21) Benzo(a)anthracene	21.40	228	2439392	39.28	ng/ul	99
22) Chrysene	21.46	228	1982984	34.83	ng/ul	97
24) Benzo(b)fluoranthene	23.04	252	2725106	41.79	ng/ul	98
25) Benzo(k)fluoranthene	23.09	252	906098m	14.58	ng/ul	
27) Benzo(a)pyrene	23.64	252	2047348	33.02	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	26.11	276	1227932	17.66	ng/ul#	95
29) Dibenzo(a,h)anthracene	26.11	278	355925	6.02	ng/ul	94
30) Benzo(g,h,i)perylene	26.84	276	981880	17.13	ng/ul	94

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

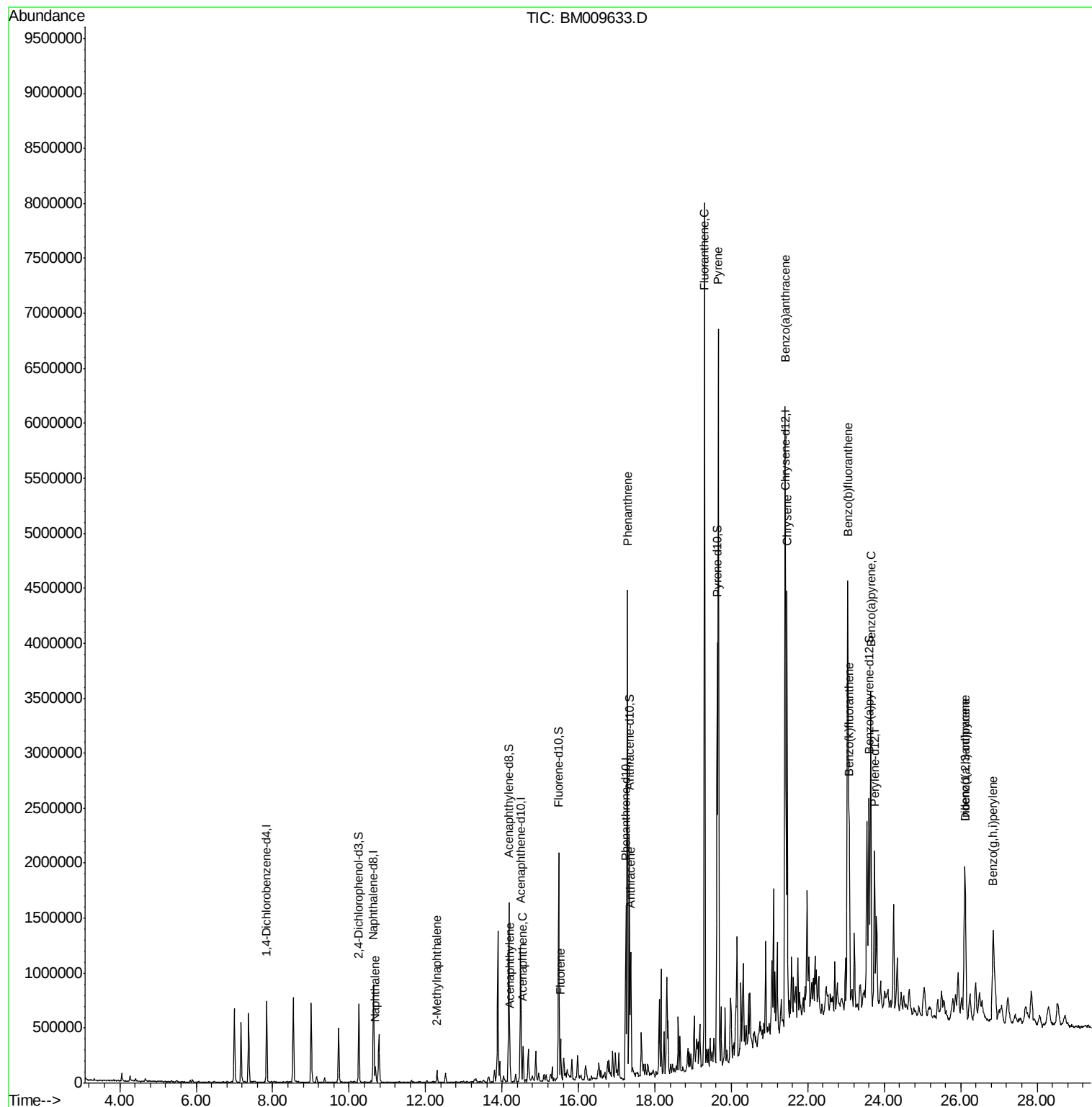
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040817\
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ALS Vial : 15 Sample Multiplier: 1

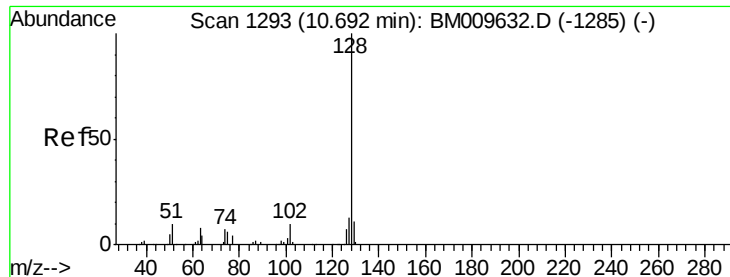
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 07 03:19:28 2017
Response via : Initial Calibration





#4

Naphthalene

Concen: 2.92 ng/ul

RT: 10.69 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BM009633.D

Acq: 07 Apr 2017 17:38

Instrument :

BNA_M

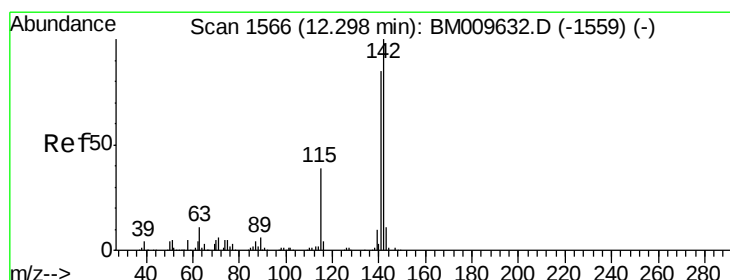
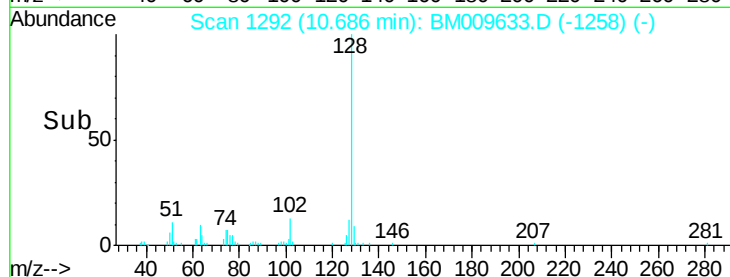
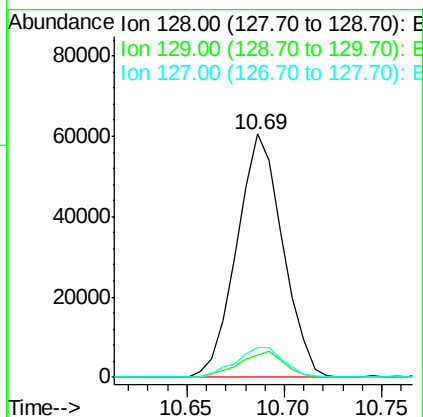
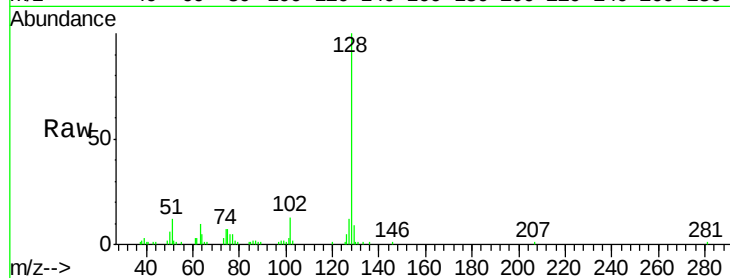
ClientSampleId :

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Tgt Ion:	128	Resp:	98752
Ion Ratio	Lower	Upper	
128	100		
129	9.2	9.1	13.7
127	12.3	10.6	15.8

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#5

2-Methylnaphthalene

Concen: 1.77 ng/ul

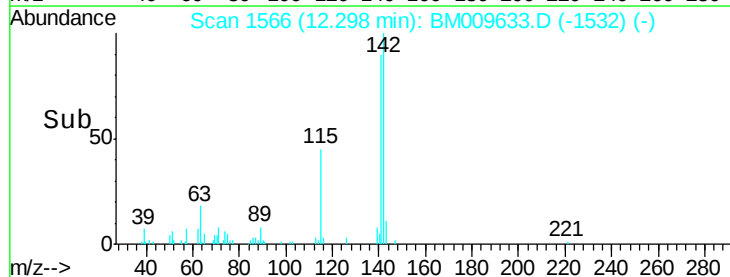
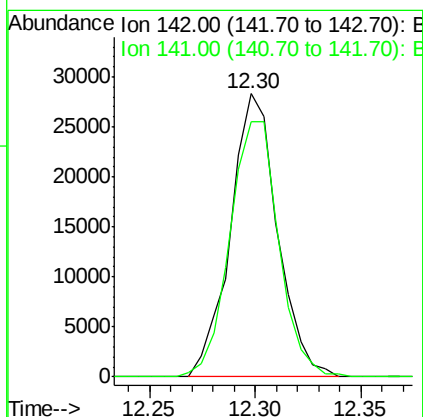
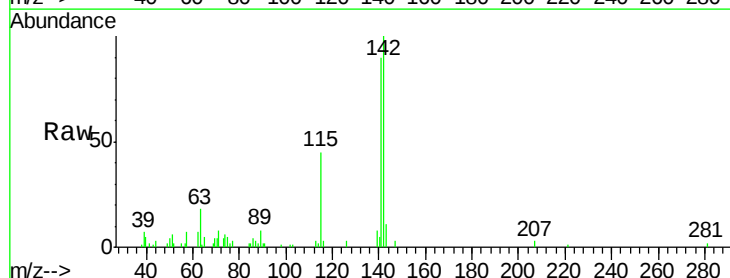
RT: 12.30 min Scan# 1566

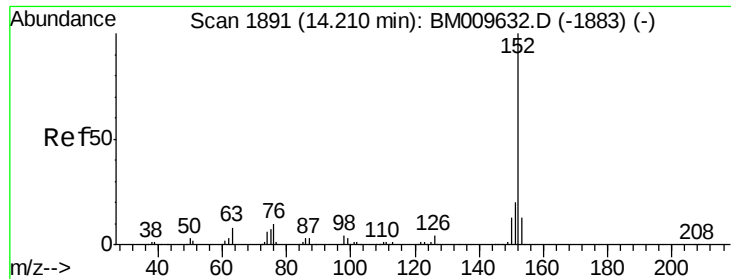
Delta R.T. -0.00 min

Lab File: BM009633.D

Acq: 07 Apr 2017 17:38

Tgt Ion:	142	Resp:	43668
Ion Ratio	Lower	Upper	
142	100		
141	90.2	69.8	104.8





#8

Acenaphthylene

Concen: 3.12 ng/ul

RT: 14.21 min Scan# 1891

Delta R.T. 0.01 min

Lab File: BM009633.D

Acq: 07 Apr 2017 17:38

Instrument :

BNA_M

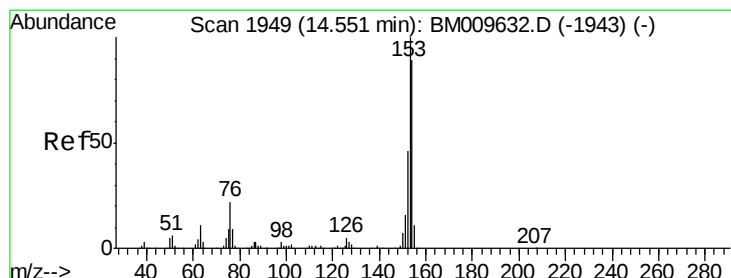
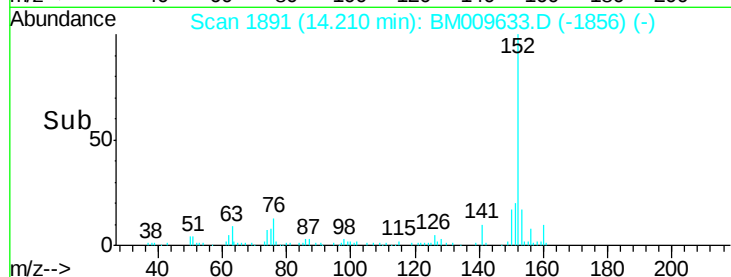
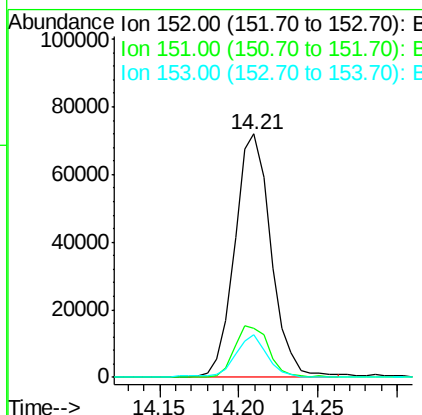
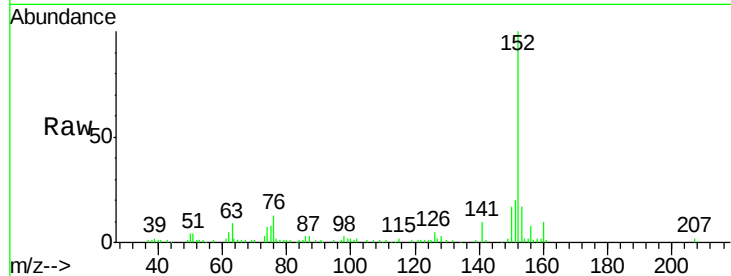
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CB388

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	114641		
151	20.3	17.5	26.3	
153	17.5	10.6	16.0	

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#9

Acenaphthene

Concen: 4.87 ng/ul

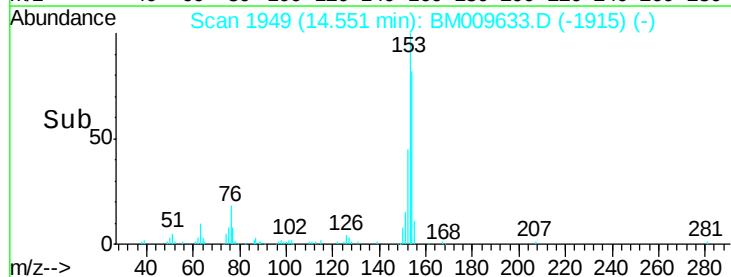
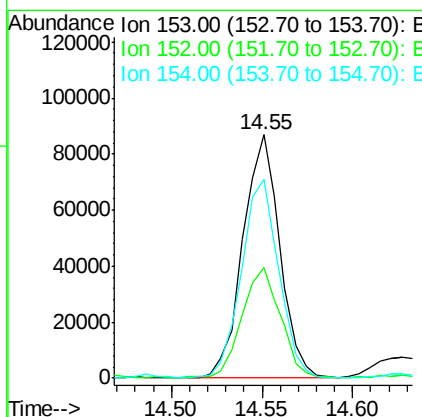
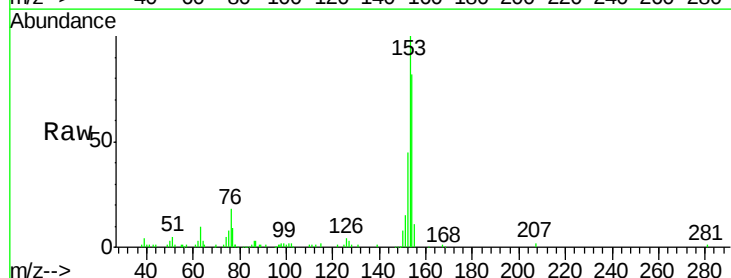
RT: 14.55 min Scan# 1949

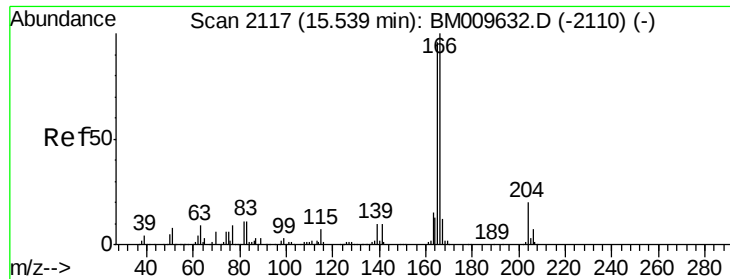
Delta R.T. -0.00 min

Lab File: BM009633.D

Acq: 07 Apr 2017 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	123074		
152	45.2	37.9	56.9	
154	81.5	71.6	107.4	





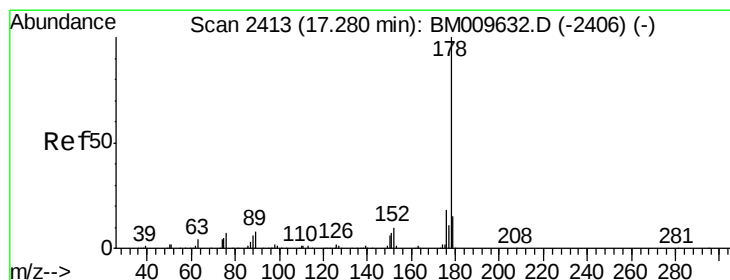
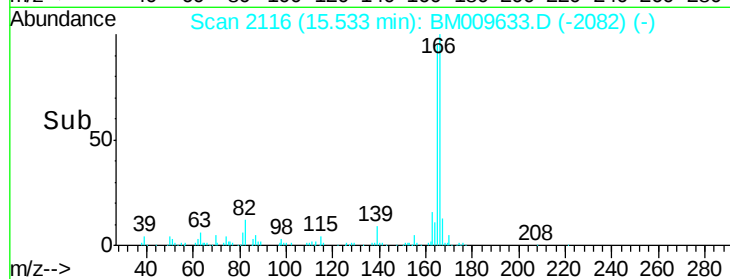
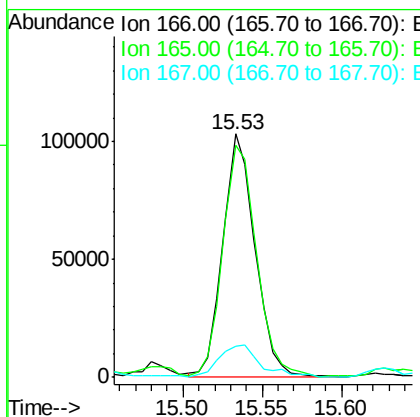
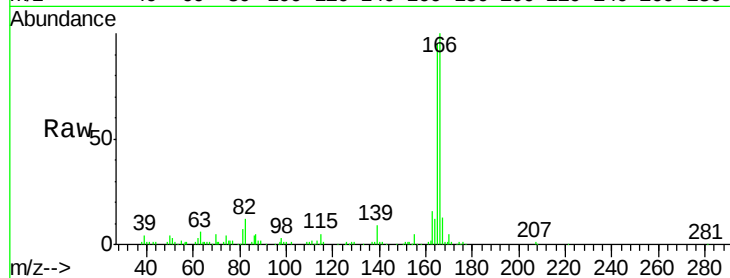
#11
Fluorene
 Concen: 4.74 ng/ul
 RT: 15.53 min Scan# 2116
 Delta R.T. -0.00 min
 Lab File: BM009633.D
 Acq: 07 Apr 2017 17:38

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
166	100	146222		
165	95.2	80.0	120.0	
167	13.0	11.6	17.4	

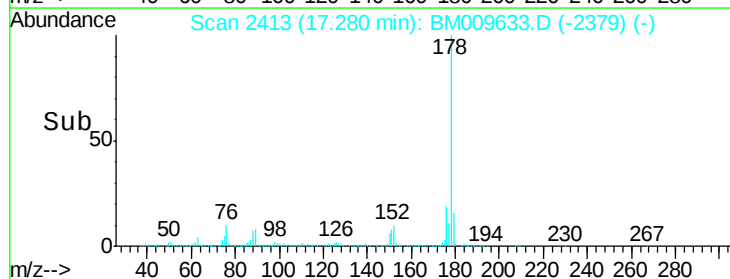
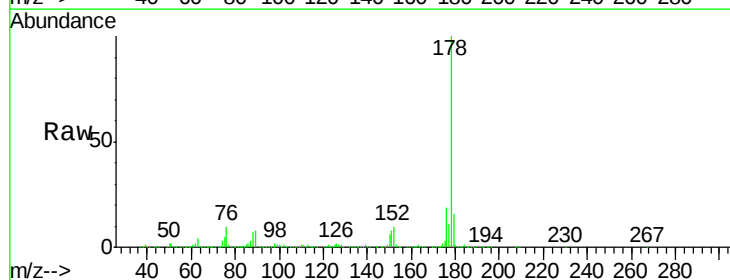
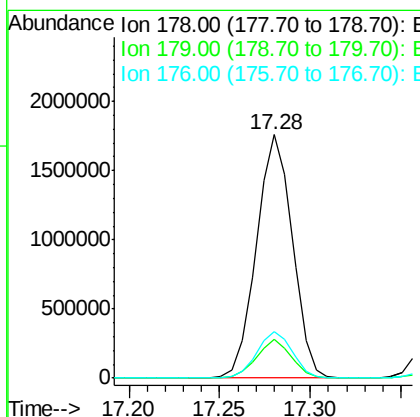
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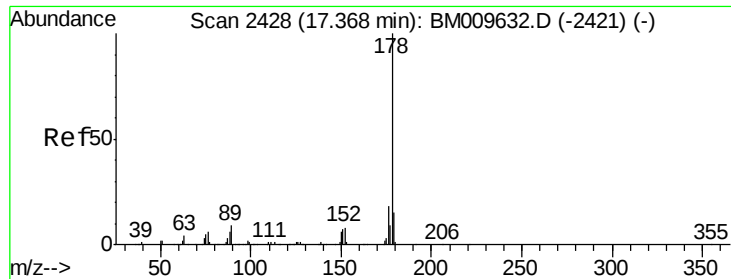
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#14
Phenanthrene
 Concen: 50.66 ng/ul
 RT: 17.28 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BM009633.D
 Acq: 07 Apr 2017 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2426956		
179	15.7	12.2	18.4	
176	19.0	16.4	24.6	





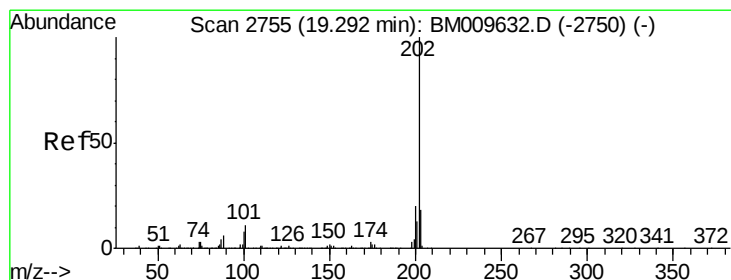
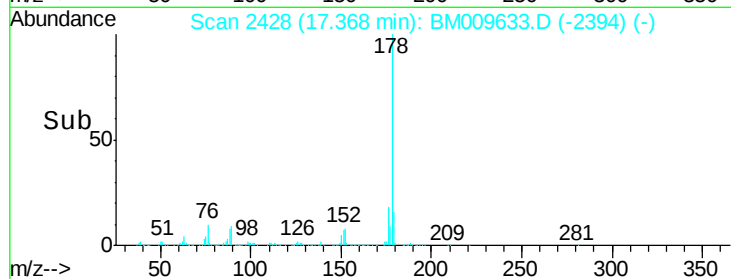
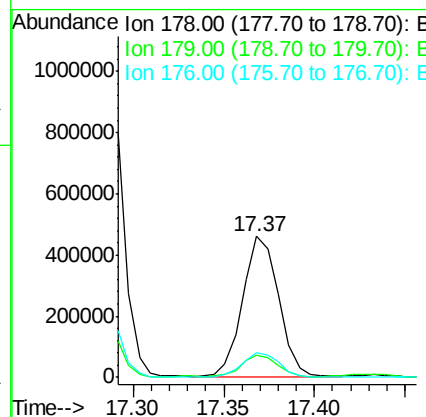
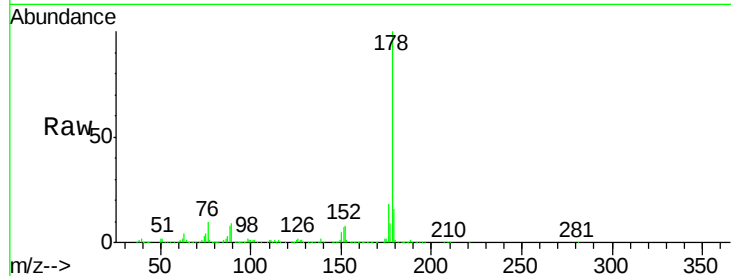
#16
 Anthracene
 Concen: 12.88 ng/ul
 RT: 17.37 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BM009633.D
 Acq: 07 Apr 2017 17:38

Instrument :
 BNA_M
 ClientSampled :
 CB388

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.7	19.1
176	17.9	15.8	23.8

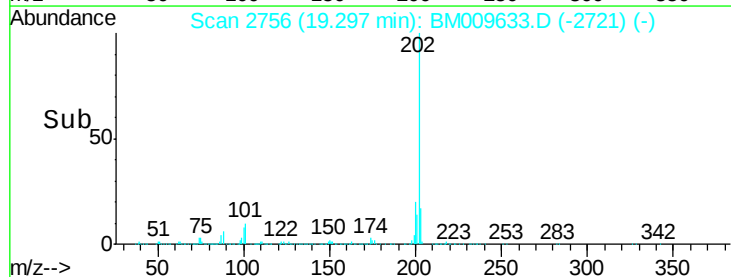
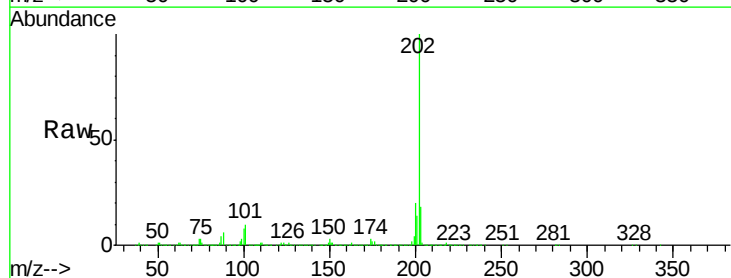
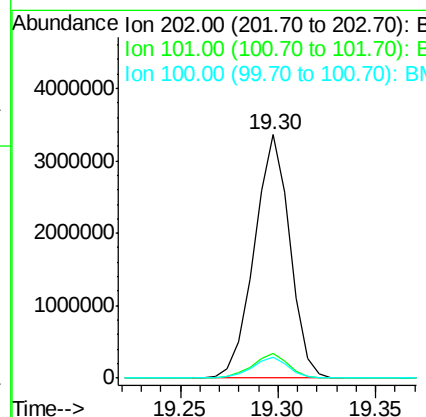
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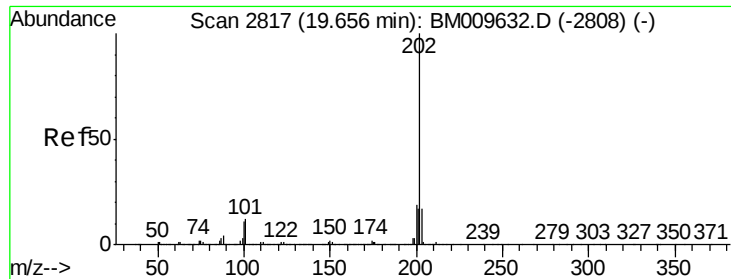
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#17
 Fluoranthene
 Concen: 70.71 ng/ul
 RT: 19.30 min Scan# 2756
 Delta R.T. 0.01 min
 Lab File: BM009633.D
 Acq: 07 Apr 2017 17:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	9.8	14.8
100	8.4	7.5	11.3





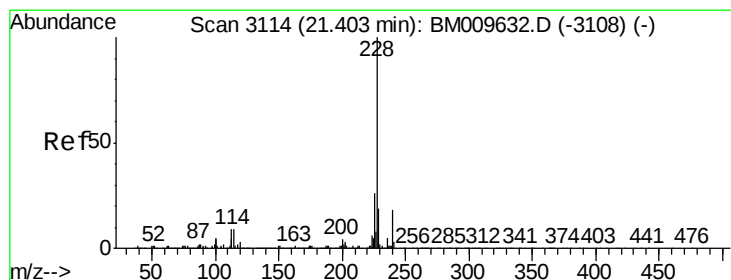
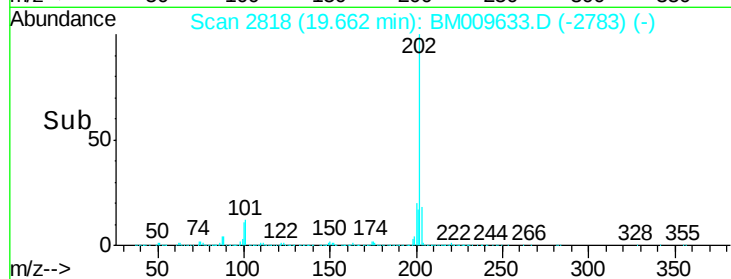
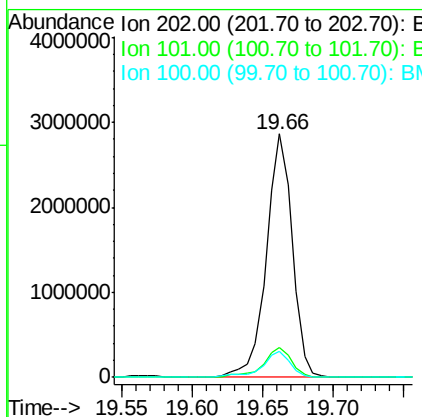
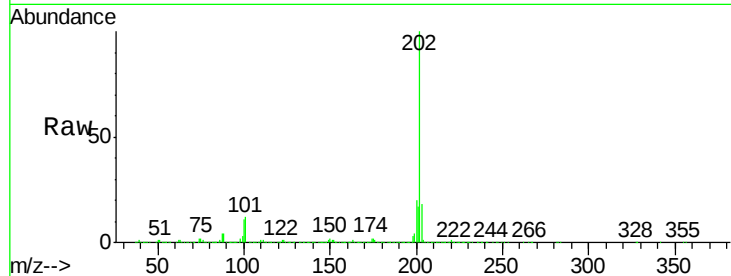
#20
Pyrene
Concen: 61.83 ng/ul
RT: 19.66 min Scan# 2818
Delta R.T. 0.01 min
Lab File: BM009633.D
Acq: 07 Apr 2017 17:38

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	11.2	16.8
100	10.8	9.8	14.6

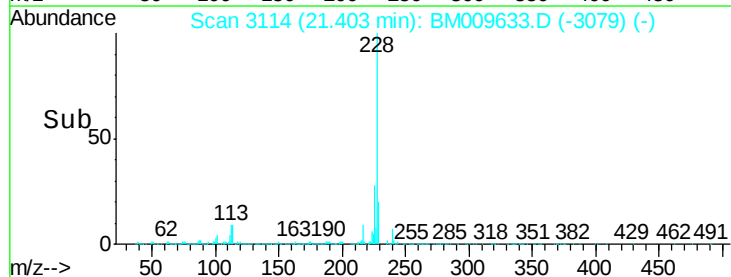
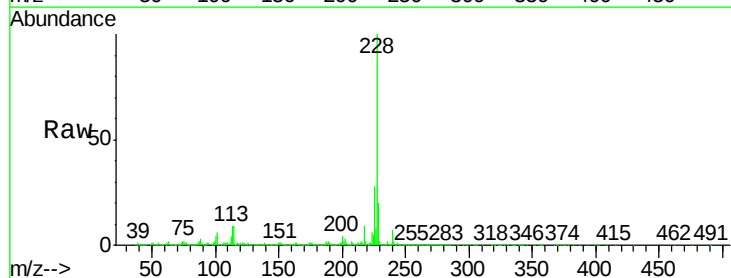
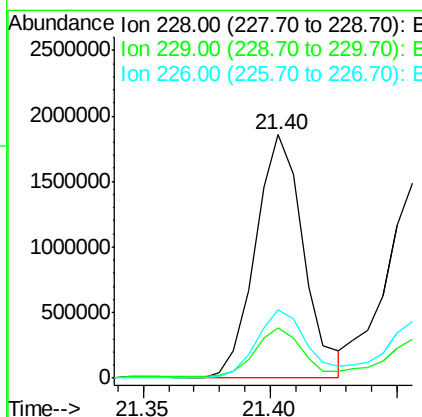
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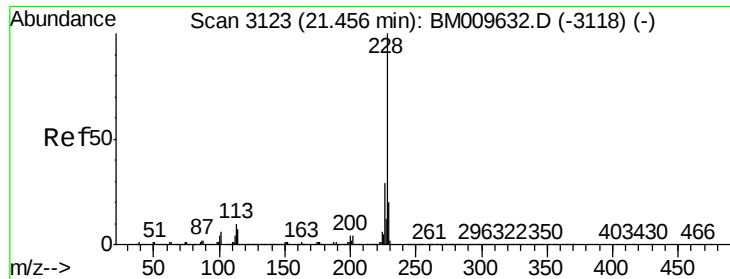
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#21
Benzo(a)anthracene
Concen: 39.28 ng/ul
RT: 21.40 min Scan# 3114
Delta R.T. 0.01 min
Lab File: BM009633.D
Acq: 07 Apr 2017 17:38

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.9	23.9
226	27.9	22.1	33.1





#22

Chrysene

Concen: 34.83 ng/ul

RT: 21.46 min Scan# 3123

Delta R.T. 0.01 min

Lab File: BM009633.D

Acq: 07 Apr 2017 17:38

Instrument :

BNA_M

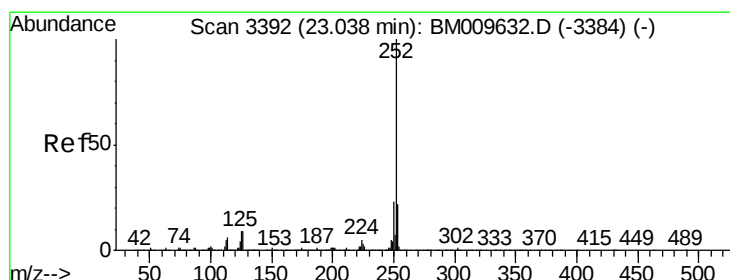
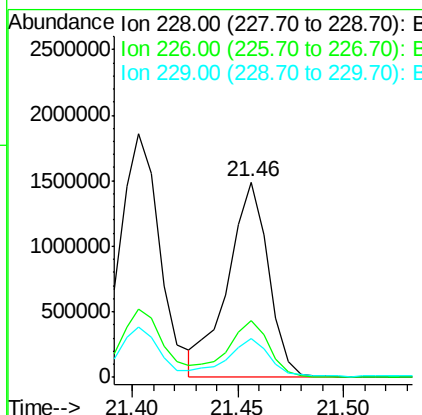
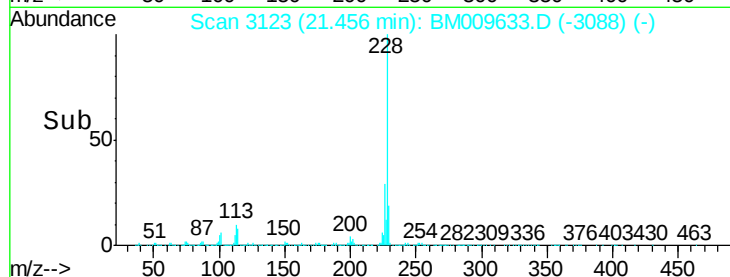
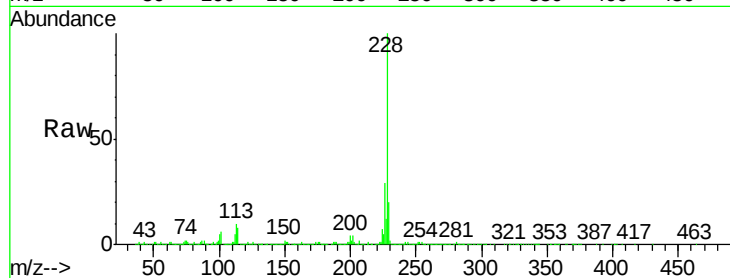
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Tgt Ion:	228	Resp:	1982984
Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.0	37.6
229	19.7	16.6	25.0

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#24

Benzo(b)fluoranthene

Concen: 41.79 ng/ul

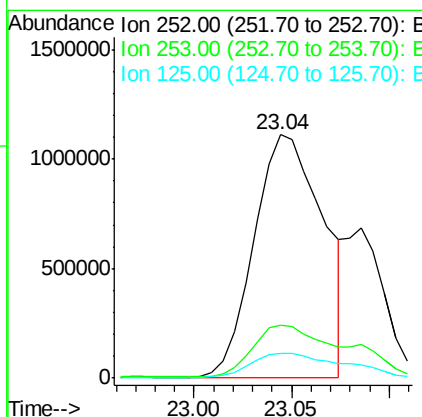
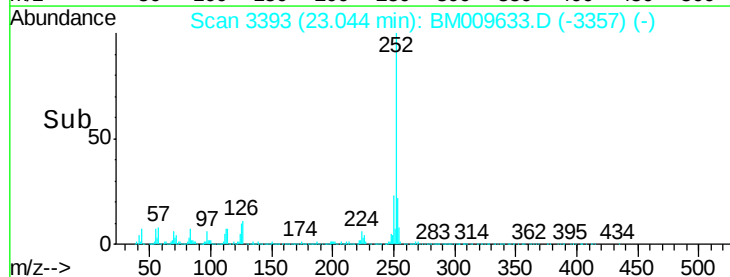
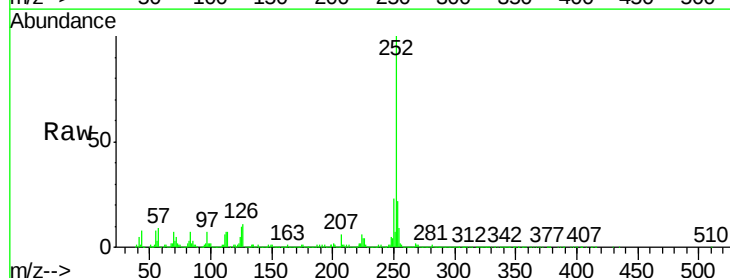
RT: 23.04 min Scan# 3393

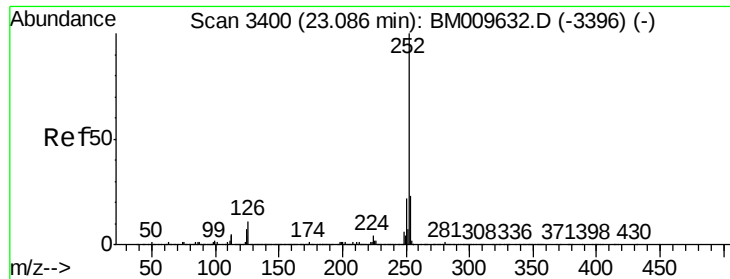
Delta R.T. 0.01 min

Lab File: BM009633.D

Acq: 07 Apr 2017 17:38

Tgt Ion:	252	Resp:	2725106
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	10.0	9.4	14.0





#25

Benzo(k)fluoranthene

Concen: 14.58 ng/ul m

RT: 23.09 min Scan# 3400

Delta R.T. 0.01 min

Lab File: BM009633.D

Acq: 07 Apr 2017 17:38

Instrument :

BNA_M

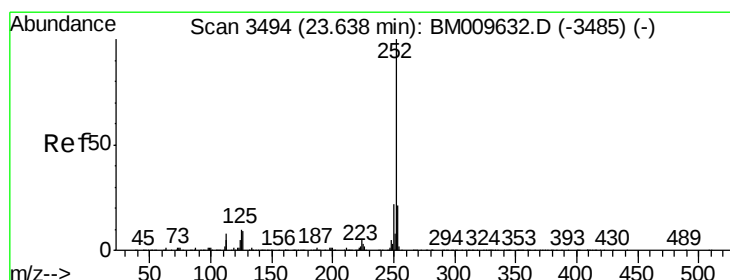
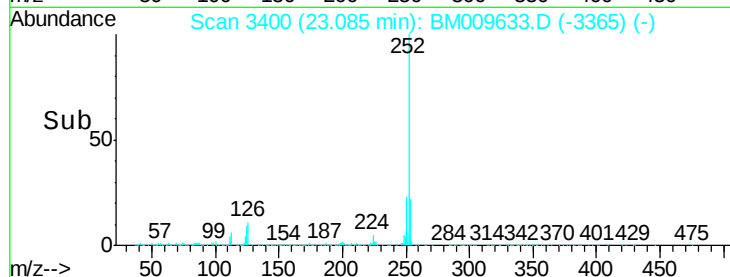
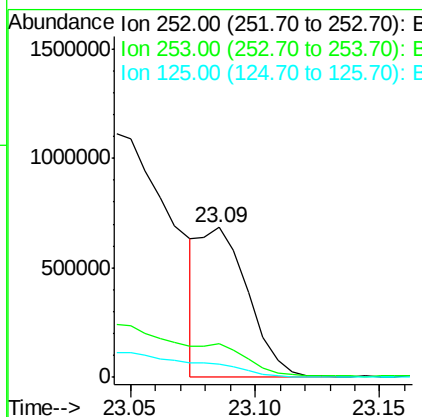
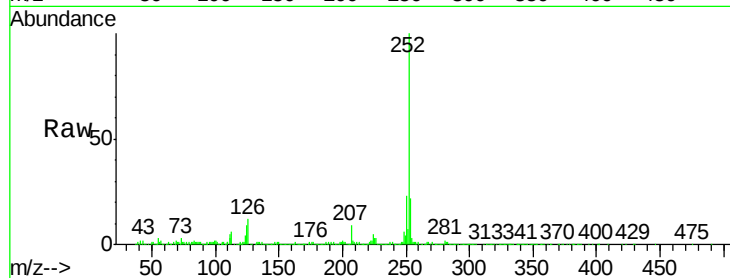
ClientSampled :

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Tgt Ion:	252	Resp:	906098
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.4	26.2
125	9.0	8.8	13.2

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#27

Benzo(a)pyrene

Concen: 33.02 ng/ul

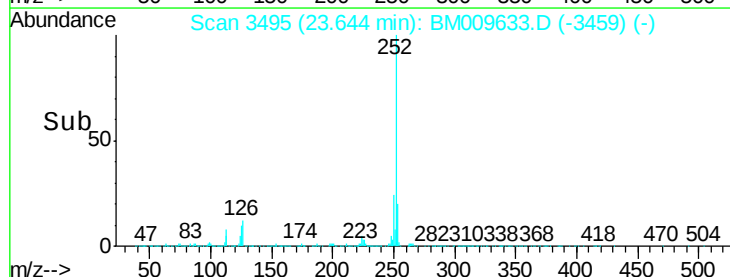
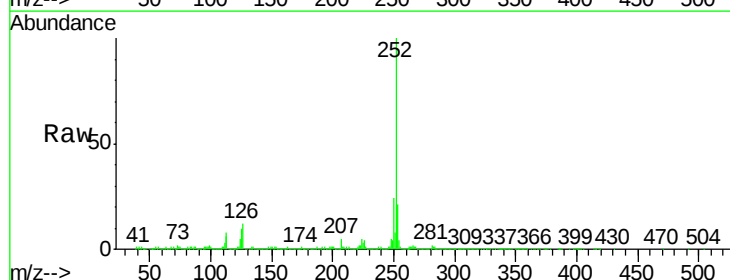
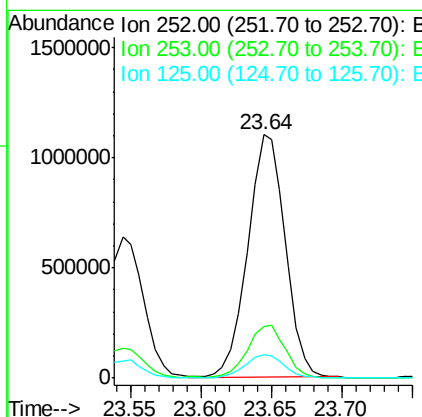
RT: 23.64 min Scan# 3495

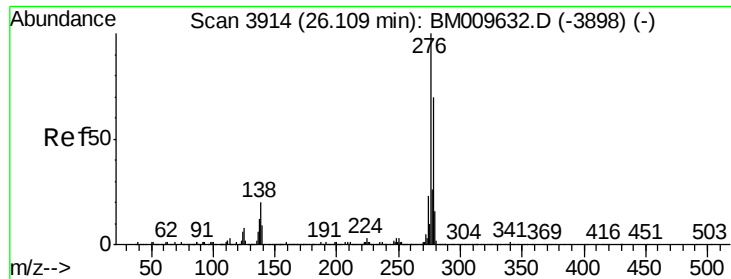
Delta R.T. 0.01 min

Lab File: BM009633.D

Acq: 07 Apr 2017 17:38

Tgt Ion:	252	Resp:	2047348
Ion Ratio	Lower	Upper	
252	100		
253	21.0	17.1	25.7
125	9.8	9.4	14.2





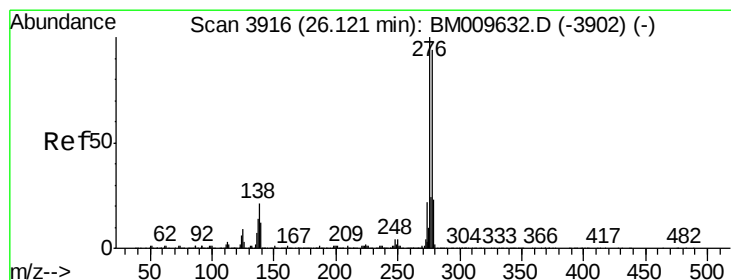
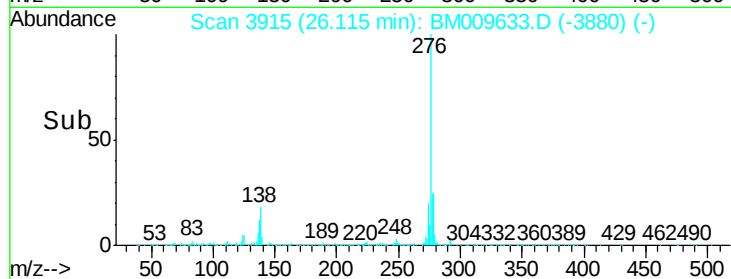
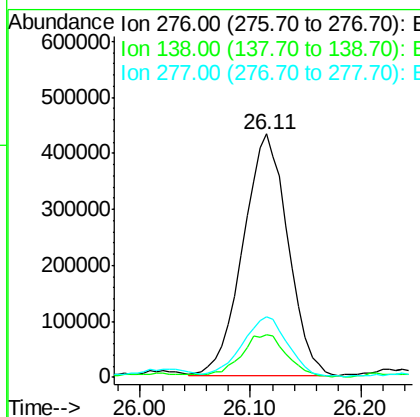
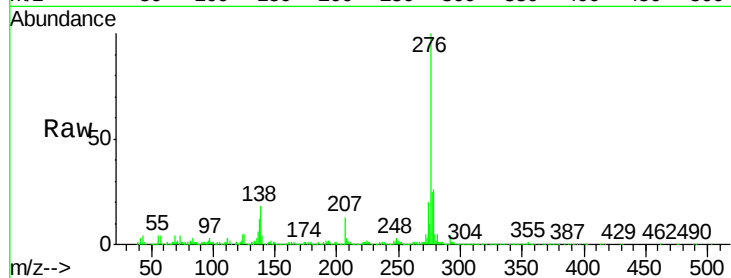
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 17.66 ng/ul
 RT: 26.11 min Scan# 3915
 Delta R.T. 0.01 min
 Lab File: BM009633.D
 Acq: 07 Apr 2017 17:38

Instrument :
 BNA_M
 ClientSampled :
 CB388

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.7	17.8	26.6#
277	24.6	19.4	29.0

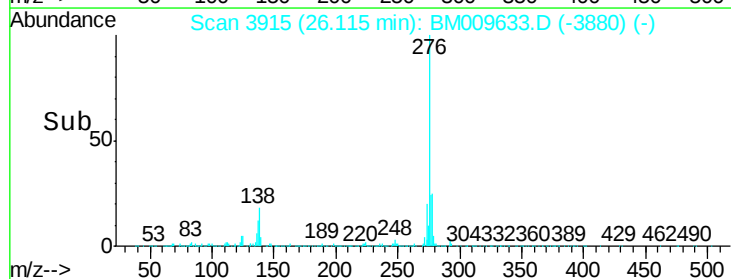
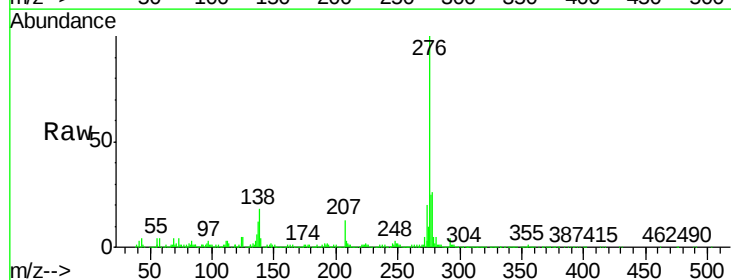
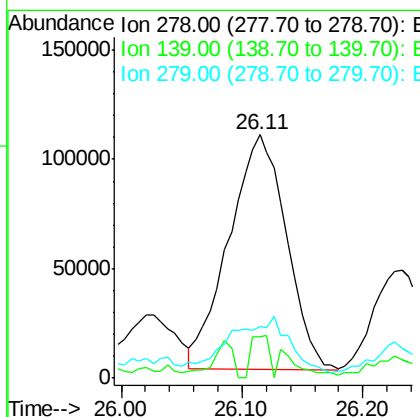
Manual Integrations
 APPROVED

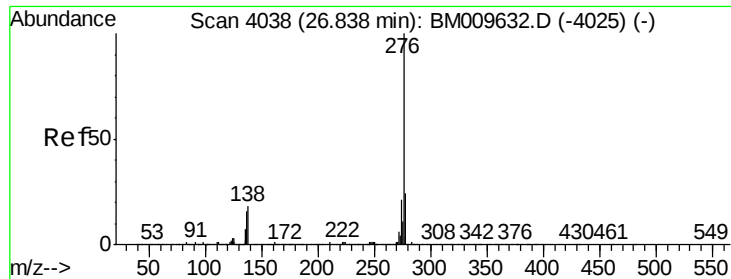
mohammad
 4/10/2017 1:23:57 PM



#29
 Dibenzo(a,h)anthracene
 Concen: 6.02 ng/ul
 RT: 26.11 min Scan# 3915
 Delta R.T. 0.01 min
 Lab File: BM009633.D
 Acq: 07 Apr 2017 17:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.9	14.0	21.0
279	21.2	20.6	31.0





#30

Benzo(g,h,i)perylene

Concen: 17.13 ng/ul

RT: 26.84 min Scan# 4039

Delta R.T. 0.01 min

Lab File: BM009633.D

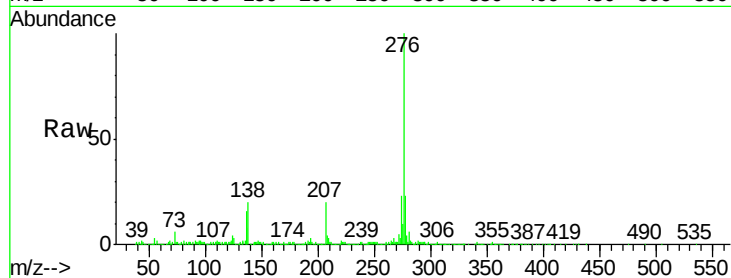
Acq: 07 Apr 2017 17:38

Instrument :

BNA_M

ClientSampleId :

CB388



Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		981880		
138	20.1	19.0	28.4		
277	22.6	19.7	29.5		

Manual Integrations
APPROVED

mohammad
4/10/2017 1:23:57 PM

