

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040817\
 Data File : BM009626.D
 Acq On : 07 Apr 2017 13:26
 Operator : SJ/MA
 Sample : I2526-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB376

Manual Integrations
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Quant Time: Apr 07 14:04:24 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	163356	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	645420	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	362927	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.24	188	851057	20.00	ng/ul	0.00
18) Chrysene-d12	21.42	240	1059018	20.00	ng/ul	0.00
23) Perylene-d12	23.74	264	1018707	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.26	165	250816	25.27	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	1088996	30.62	ng/ul	0.00
10) Fluorene-d10	15.48	176	772464	30.20	ng/ul	0.00
15) Anthracene-d10	17.33	188	1209963	29.72	ng/ul	0.00
19) Pyrene-d10	19.63	212	1430520	32.87	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.60	264	1384588	30.78	ng/ul	0.00
Target Compounds						
8) Acenaphthylene	14.21	152	68119	1.91	ng/ul#	92
14) Phenanthrene	17.28	178	388934	8.13	ng/ul	98
16) Anthracene	17.37	178	112857	2.28	ng/ul	98
17) Fluoranthene	19.30	202	871299	14.62	ng/ul	96
20) Pyrene	19.66	202	858690m	14.89	ng/ul	
21) Benzo(a)anthracene	21.40	228	531660	8.88	ng/ul	98
22) Chrysene	21.46	228	520791	9.49	ng/ul	98
24) Benzo(b)fluoranthene	23.04	252	792601	12.58	ng/ul#	87
25) Benzo(k)fluoranthene	23.08	252	274032m	4.56	ng/ul	
27) Benzo(a)pyrene	23.64	252	570789	9.53	ng/ul	96
28) Indeno(1,2,3-cd)pyrene	26.11	276	426010	6.34	ng/ul	95
29) Dibenzo(a,h)anthracene	26.10	278	116817m	2.05	ng/ul	
30) Benzo(g,h,i)perylene	26.84	276	413034	7.46	ng/ul#	93

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

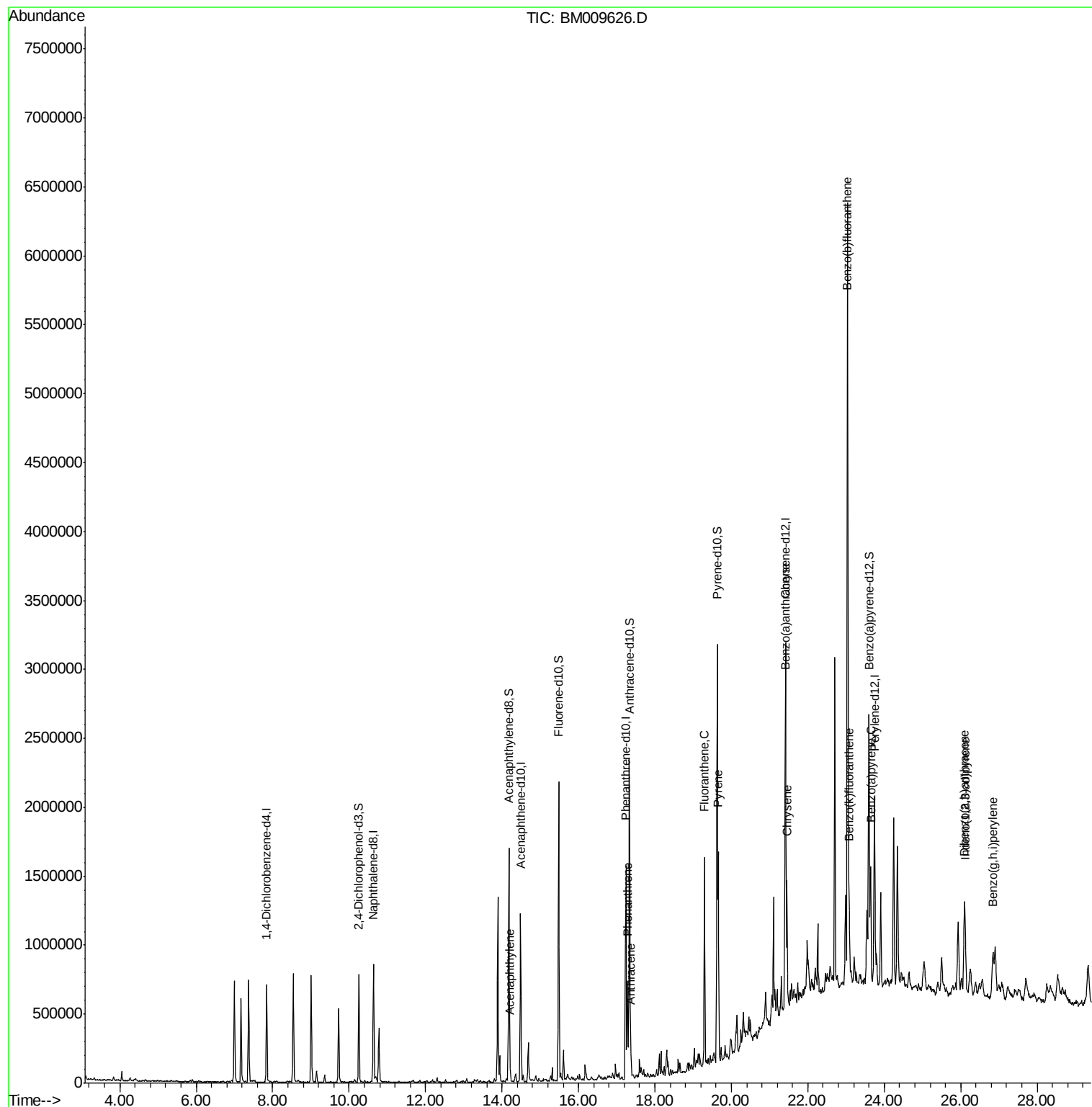
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040817\
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ALS Vial : 9 Sample Multiplier: 1

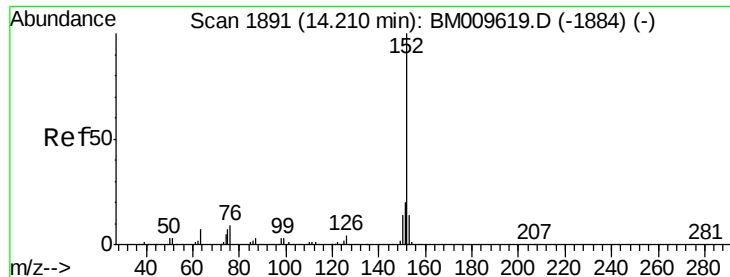
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 07 03:19:28 2017
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#8

Acenaphthylene

Concen: 1.91 ng/ul

RT: 14.21 min Scan# 1891

Delta R.T. 0.01 min

Lab File: BM009626.D

Acq: 07 Apr 2017 13:26

Instrument :

BNA_M

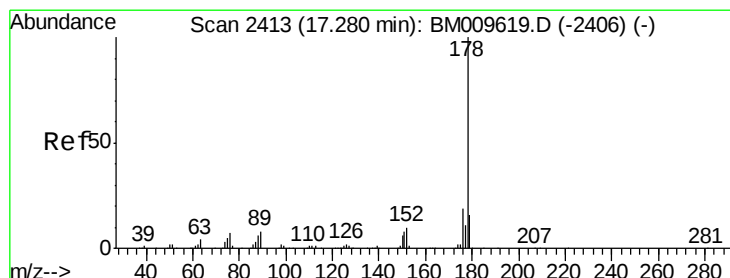
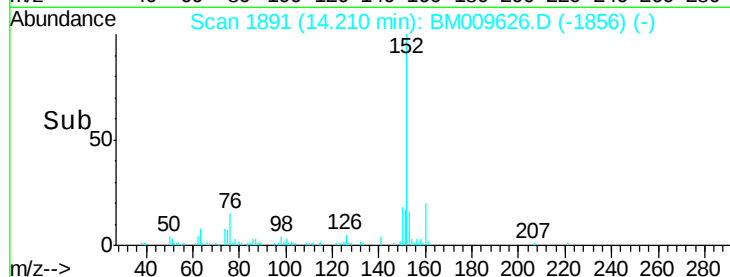
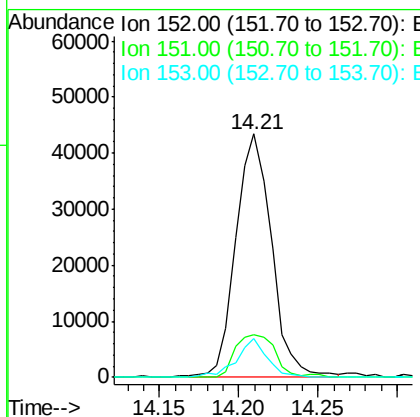
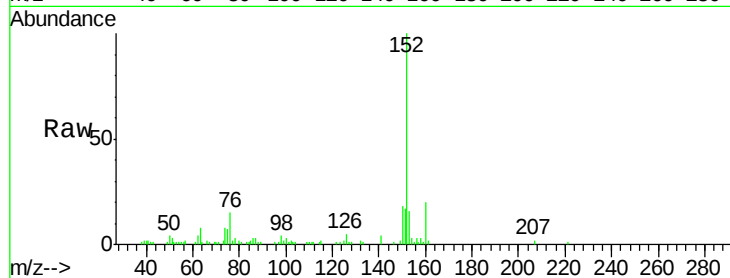
ClientSampleId :

CB376

Tgt Ion:	152	Resp:	68119
Ion Ratio	Lower	Upper	
152	100		
151	17.3	17.5	26.3#
153	15.9	10.6	16.0

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#14

Phenanthrene

Concen: 8.13 ng/ul

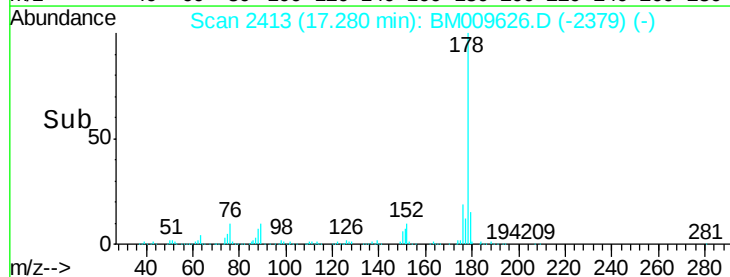
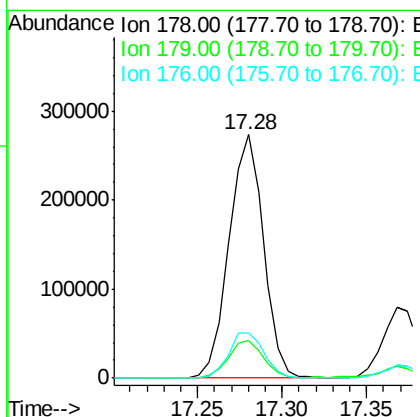
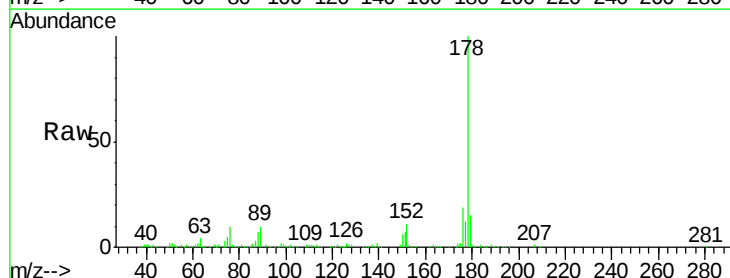
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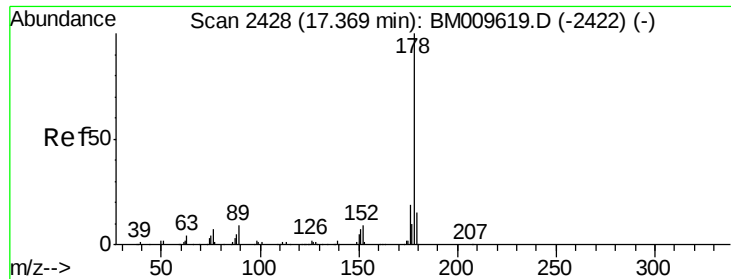
Delta R.T. 0.00 min

Lab File: BM009626.D

Acq: 07 Apr 2017 13:26

Tgt Ion:	178	Resp:	388934
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.2	18.4
176	18.7	16.4	24.6





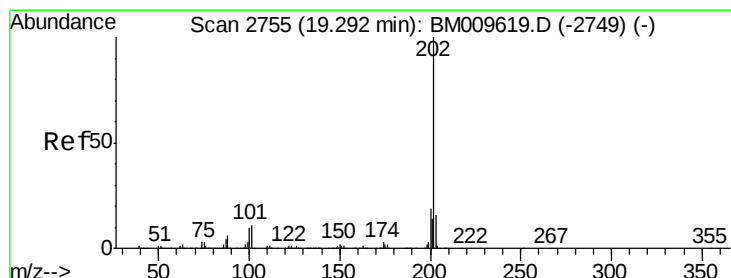
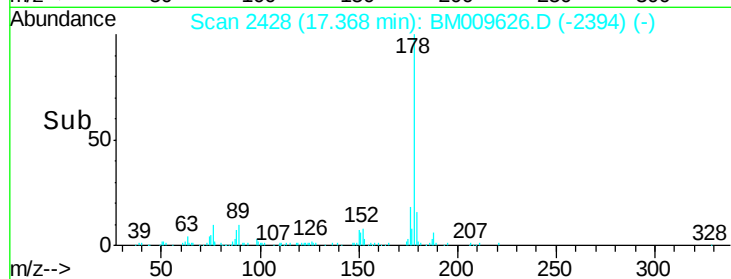
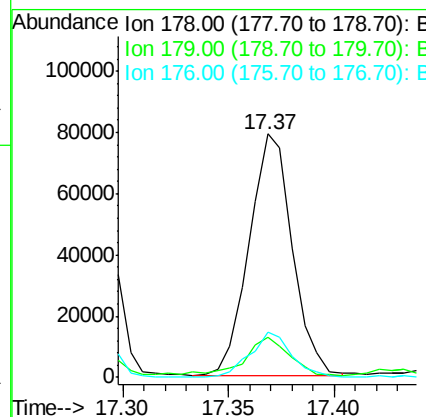
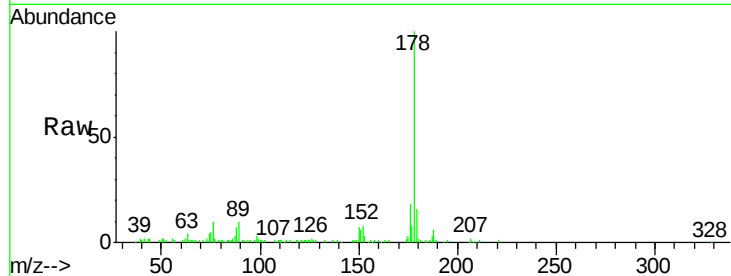
#16
 Anthracene
 Concen: 2.28 ng/ul
 RT: 17.37 min Scan# 2428
 Delta R.T. 0.00 min
 Lab File: BM009626.D
 Acq: 07 Apr 2017 13:26

Instrument :
 BNA_M
 ClientSampleId :
 CB376

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	112857		
179	16.2	12.7	19.1	
176	18.5	15.8	23.8	

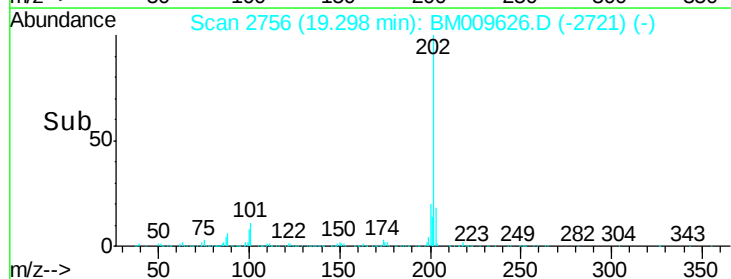
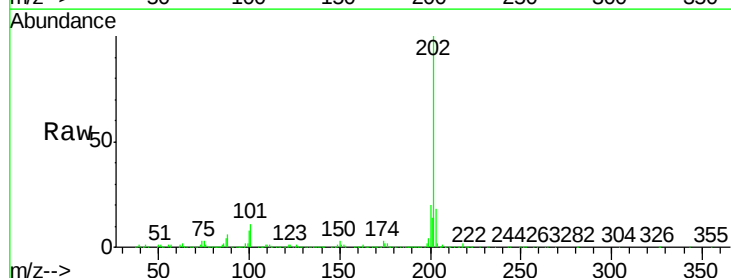
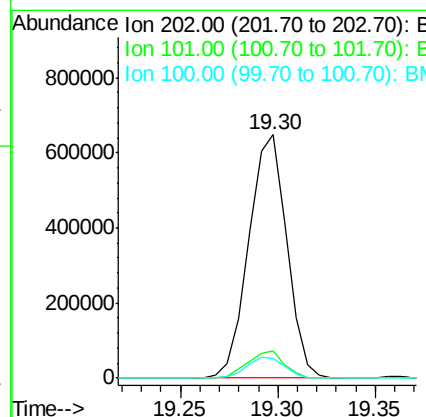
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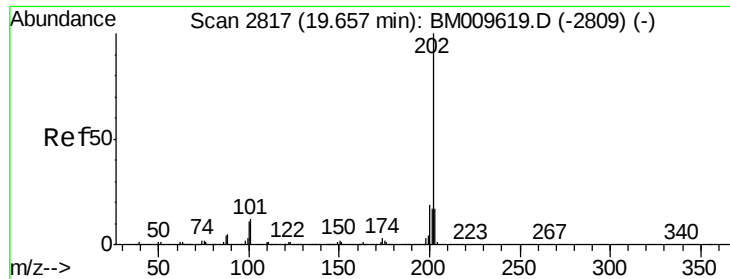
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#17
 Fluoranthene
 Concen: 14.62 ng/ul
 RT: 19.30 min Scan# 2756
 Delta R.T. 0.01 min
 Lab File: BM009626.D
 Acq: 07 Apr 2017 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	871299		
101	11.0	9.8	14.8	
100	7.9	7.5	11.3	





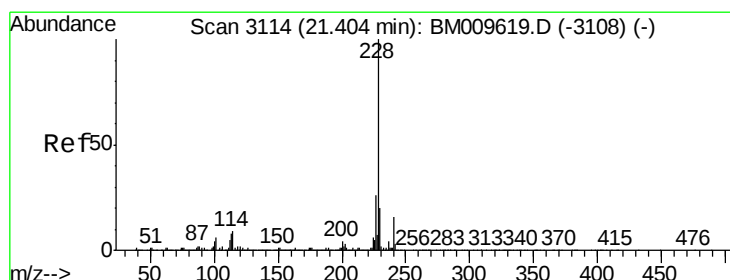
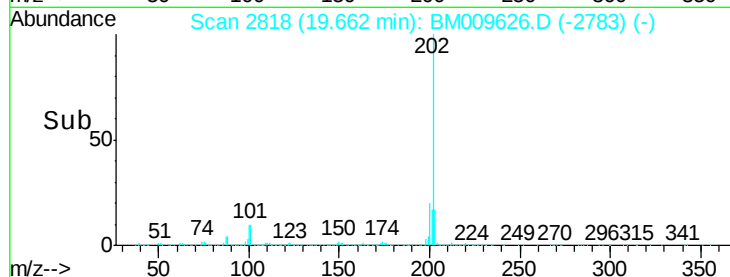
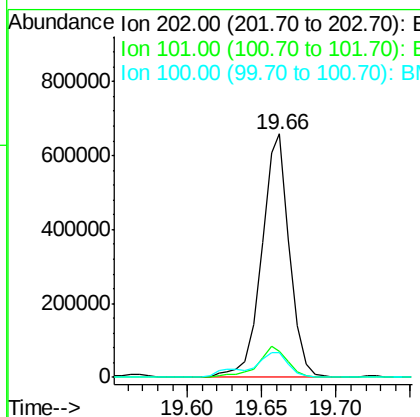
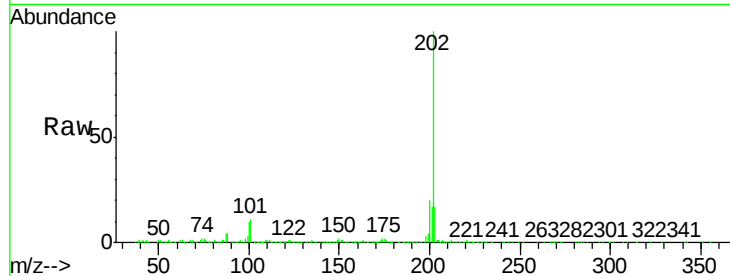
#20
Pyrene
Concen: 14.89 ng/ul m
RT: 19.66 min Scan# 2818
Delta R.T. 0.01 min
Lab File: BM009626.D
Acq: 07 Apr 2017 13:26

Instrument :
BNA_M
ClientSampleId :
CB376

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.6	11.2	16.8#
100	10.1	9.8	14.6

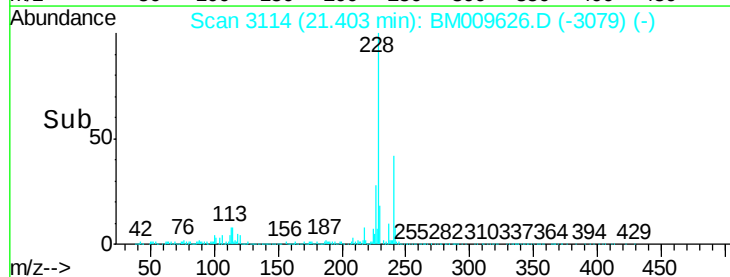
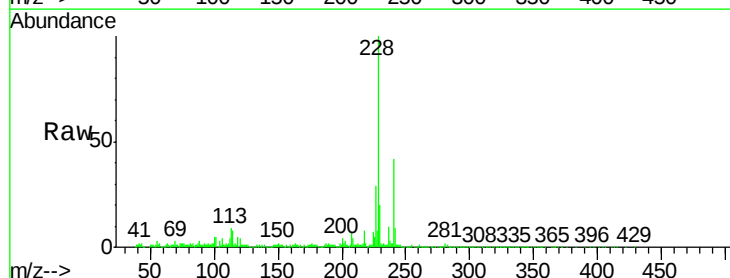
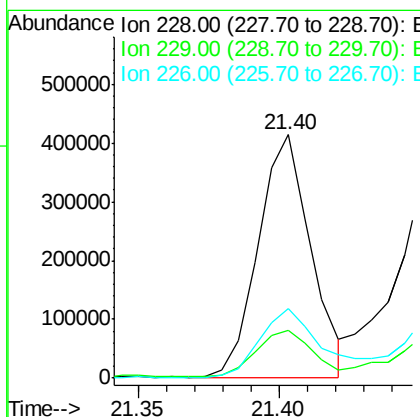
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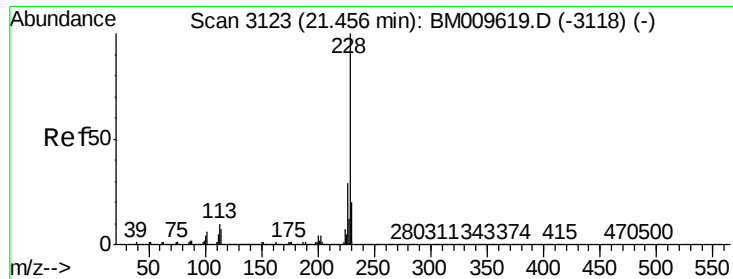
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#21
Benzo(a)anthracene
Concen: 8.88 ng/ul
RT: 21.40 min Scan# 3114
Delta R.T. 0.01 min
Lab File: BM009626.D
Acq: 07 Apr 2017 13:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	19.5	15.9	23.9
226	28.8	22.1	33.1





#22

Chrysene

Concen: 9.49 ng/ul

RT: 21.46 min Scan# 3123

Delta R.T. 0.01 min

Lab File: BM009626.D

Acq: 07 Apr 2017 13:26

Instrument :

BNA_M

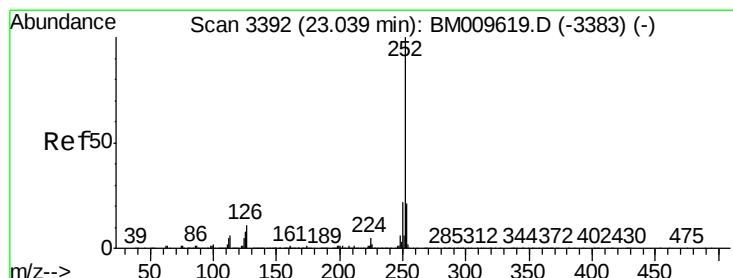
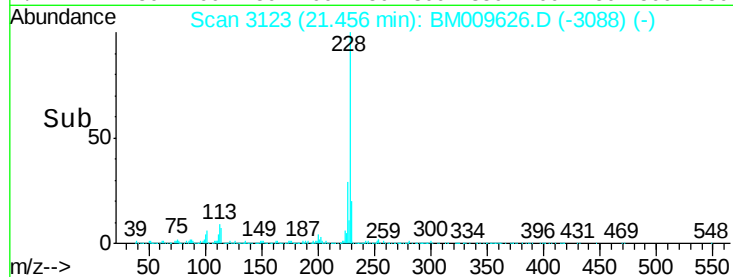
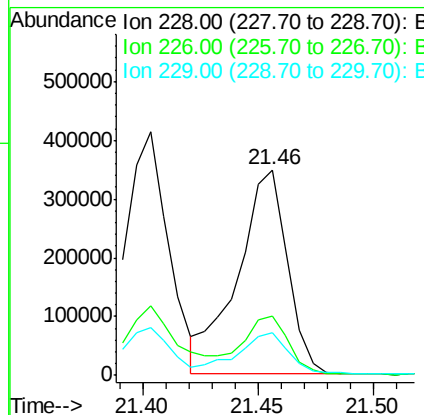
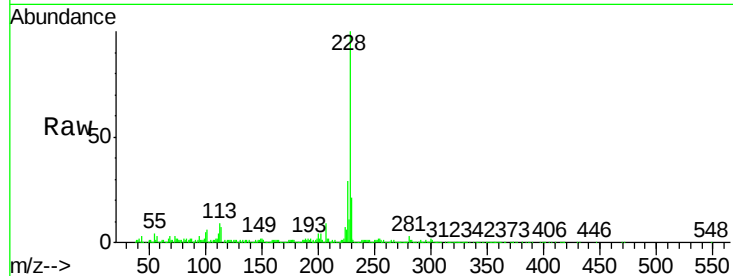
ClientSampled :

CB376

Tgt Ion:	228	Resp:	520791
Ion Ratio	Lower	Upper	
228	100		
226	29.1	25.0	37.6
229	20.8	16.6	25.0

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#24

Benzo(b)fluoranthene

Concen: 12.58 ng/ul

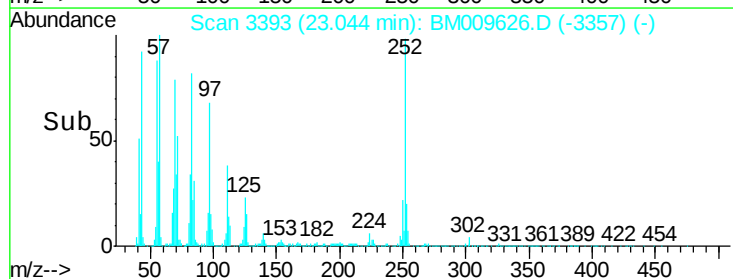
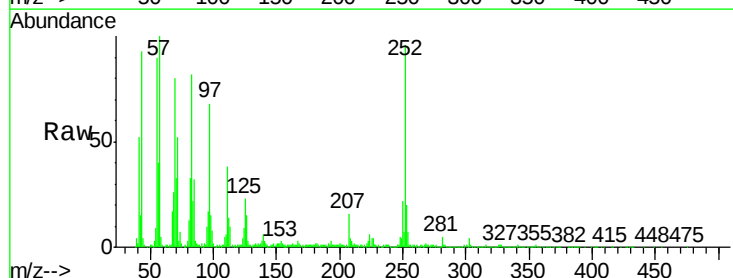
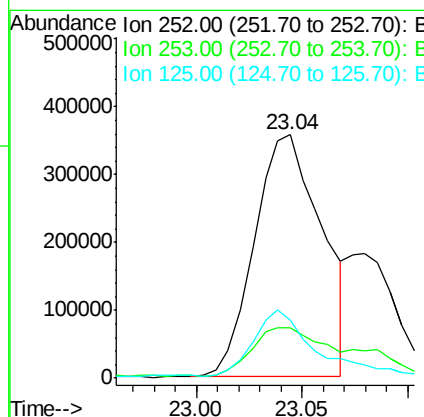
RT: 23.04 min Scan# 3393

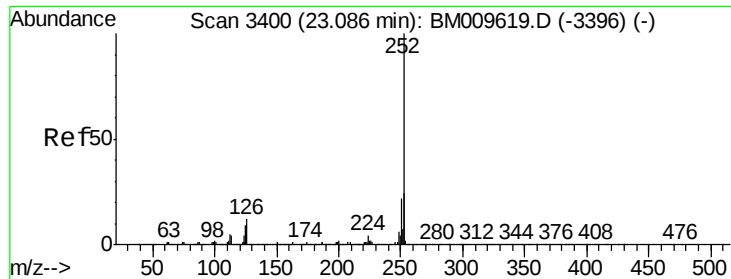
Delta R.T. 0.01 min

Lab File: BM009626.D

Acq: 07 Apr 2017 13:26

Tgt Ion:	252	Resp:	792601
Ion Ratio	Lower	Upper	
252	100		
253	20.8	17.8	26.6
125	24.0	9.4	14.0#





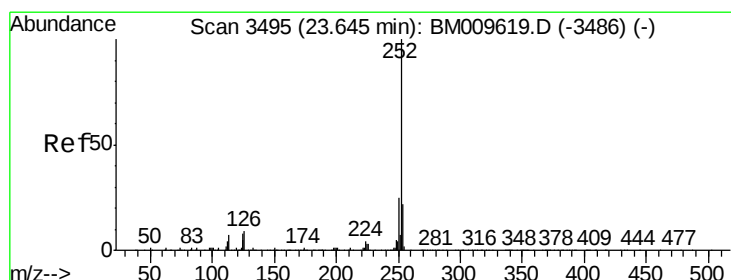
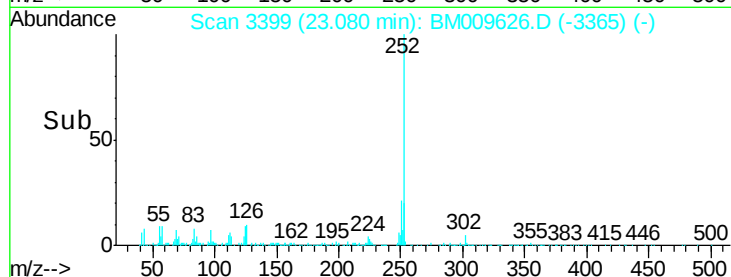
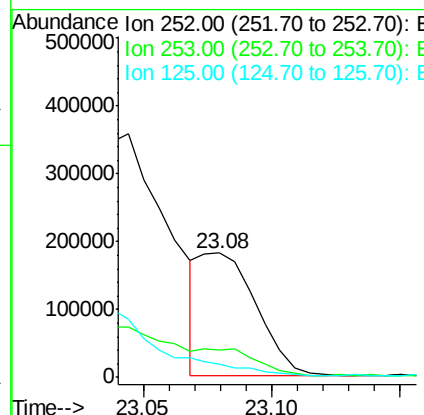
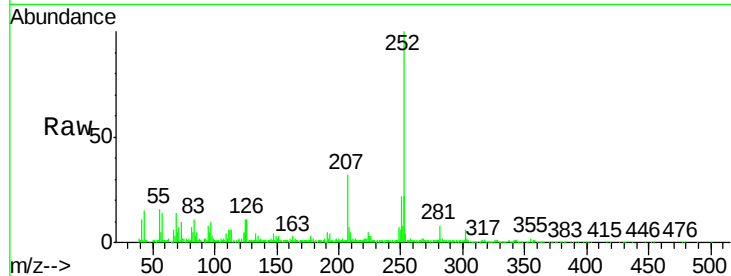
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Benzo(k)fluoranthene
Concen: 4.56 ng/ul m
RT: 23.08 min Scan# 3399
Delta R.T. 0.00 min
Lab File: BM009626.D
Acq: 07 Apr 2017 13:26

Instrument :
BNA_M
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CB376

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	10.7	8.8	13.2

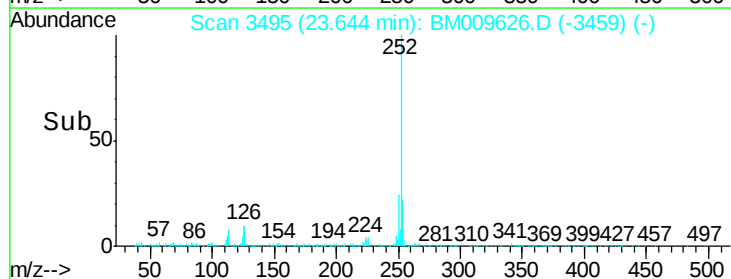
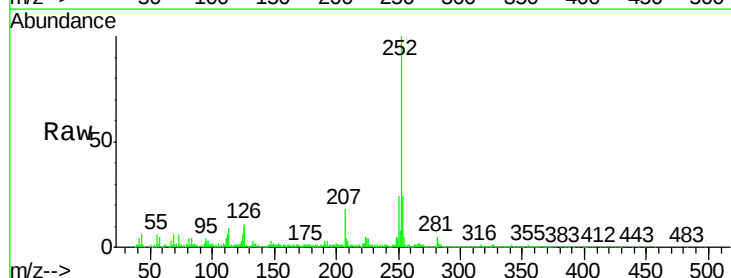
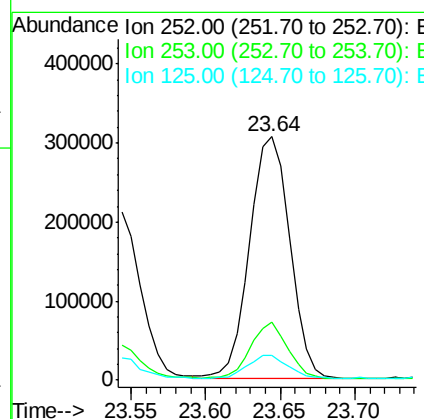
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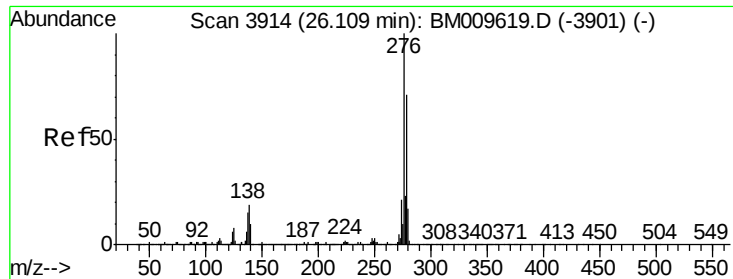
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#27
Benzo(a)pyrene
Concen: 9.53 ng/ul
RT: 23.64 min Scan# 3495
Delta R.T. 0.01 min
Lab File: BM009626.D
Acq: 07 Apr 2017 13:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	10.3	9.4	14.2





#28

Indeno(1,2,3-cd)pyrene

Concen: 6.34 ng/ul

RT: 26.11 min Scan# 3915

Delta R.T. 0.01 min

Lab File: BM009626.D

Acq: 07 Apr 2017 13:26

Instrument :

BNA_M

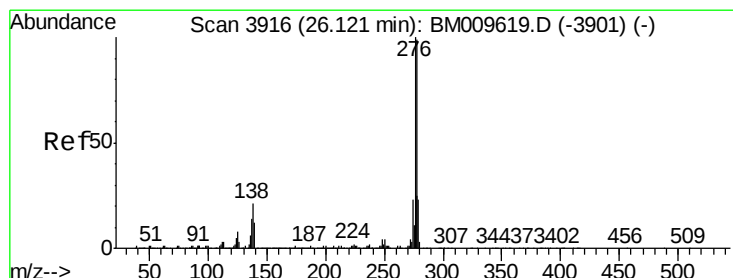
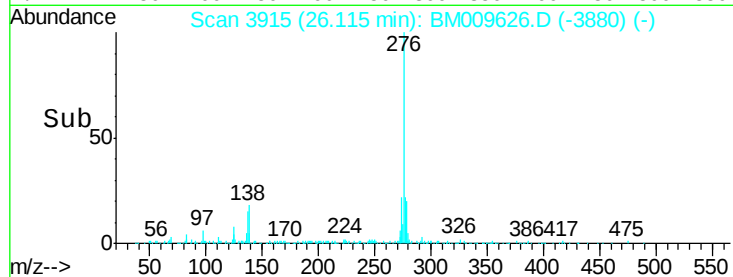
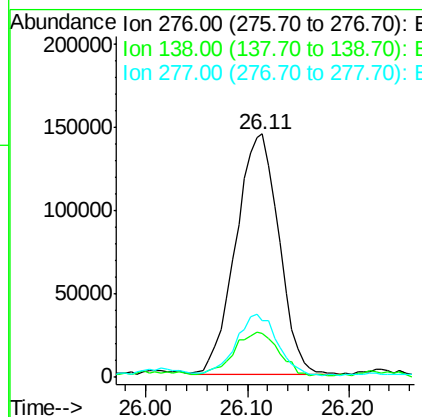
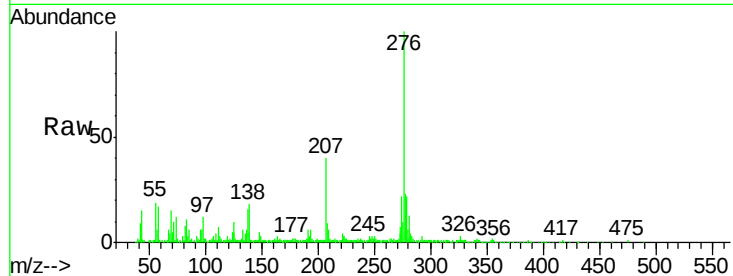
ClientSampleId :

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Tgt Ion:	276	Resp:	426010
Ion Ratio	Lower	Upper	
276	100		
138	18.0	17.8	26.6
277	23.4	19.4	29.0

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#29

Dibenzo(a,h)anthracene

Concen: 2.05 ng/ul m

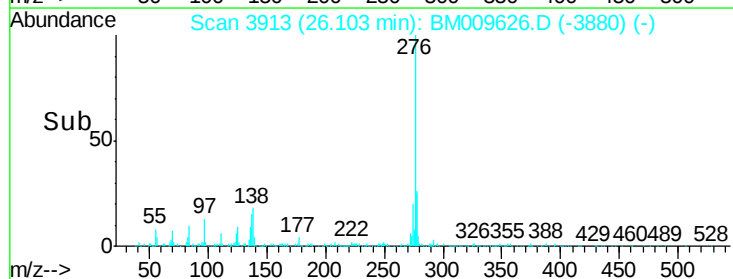
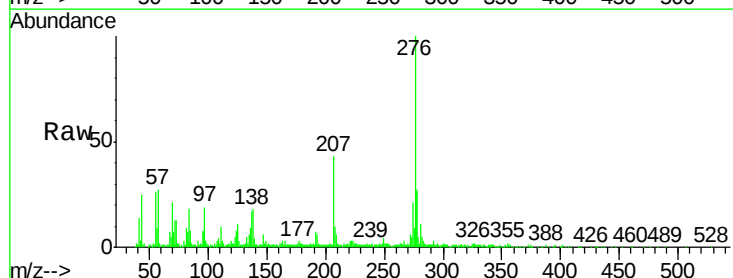
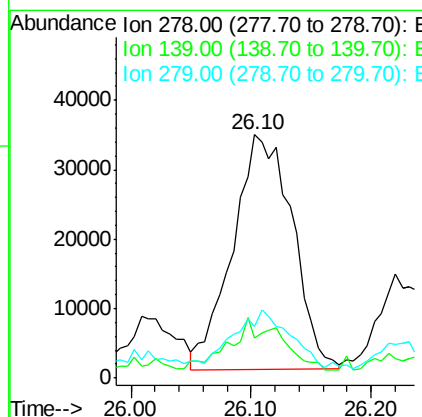
RT: 26.10 min Scan# 3913

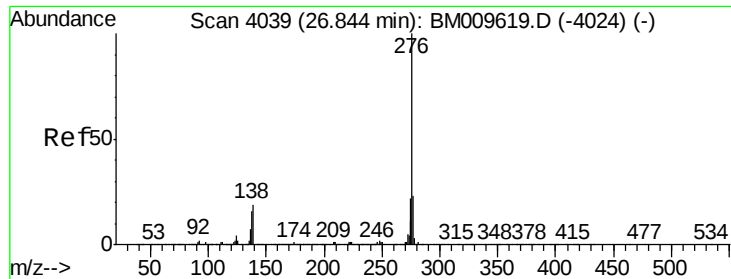
Delta R.T. -0.01 min

Lab File: BM009626.D

Acq: 07 Apr 2017 13:26

Tgt Ion:	278	Resp:	116817
Ion Ratio	Lower	Upper	
278	100		
139	16.6	14.0	21.0
279	21.1	20.6	31.0





#30
 Benzo(g,h,i)perylene
 Concen: 7.46 ng/ul
 RT: 26.84 min Scan# 4039
 Delta R.T. 0.01 min
 Lab File: BM009626.D
 Acq: 07 Apr 2017 13:26

Instrument :
 BNA_M
 ClientSampleId :
 CB376

Tgt	Ion	Ratio	Lower	Upper
276	100			
138	17.9	19.0	28.4#	
277	26.0	19.7	29.5	

Manual Integrations
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