

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
 Data File : BM009556.D
 Acq On : 05 Apr 2017 14:10
 Operator : SJ/MA
 Sample : I2524-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB356

Manual Integrations
 APPROVED

mohammad
 4/6/2017 11:38:00 AM

Quant Time: Apr 05 14:44:46 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 05 13:39:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	104511	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	404884	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	228128	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	564470	20.00	ng/ul	0.00
18) Chrysene-d12	21.41	240	851837	20.00	ng/ul	0.00
23) Perylene-d12	23.73	264	853782	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.26	165	110636	17.77	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	438617	19.62	ng/ul	0.00
10) Fluorene-d10	15.48	176	343885	21.39	ng/ul	0.00
15) Anthracene-d10	17.33	188	569973	21.11	ng/ul	0.00
19) Pyrene-d10	19.63	212	743685	21.24	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.59	264	829014	21.99	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.28	178	110338	3.48	ng/ul	96
17) Fluoranthene	19.29	202	200614	5.08	ng/ul#	96
20) Pyrene	19.66	202	234137	5.05	ng/ul	96
21) Benzo(a)anthracene	21.40	228	131707	2.73	ng/ul	97
22) Chrysene	21.45	228	142944	3.24	ng/ul	96
24) Benzo(b)fluoranthene	23.03	252	179858	3.41	ng/ul#	71
27) Benzo(a)pyrene	23.63	252	121154m	2.41	ng/ul	
28) Indeno(1,2,3-cd)pyrene	26.09	276	80044	1.42	ng/ul	93
30) Benzo(g,h,i)perylene	26.82	276	75257	1.62	ng/ul#	90

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

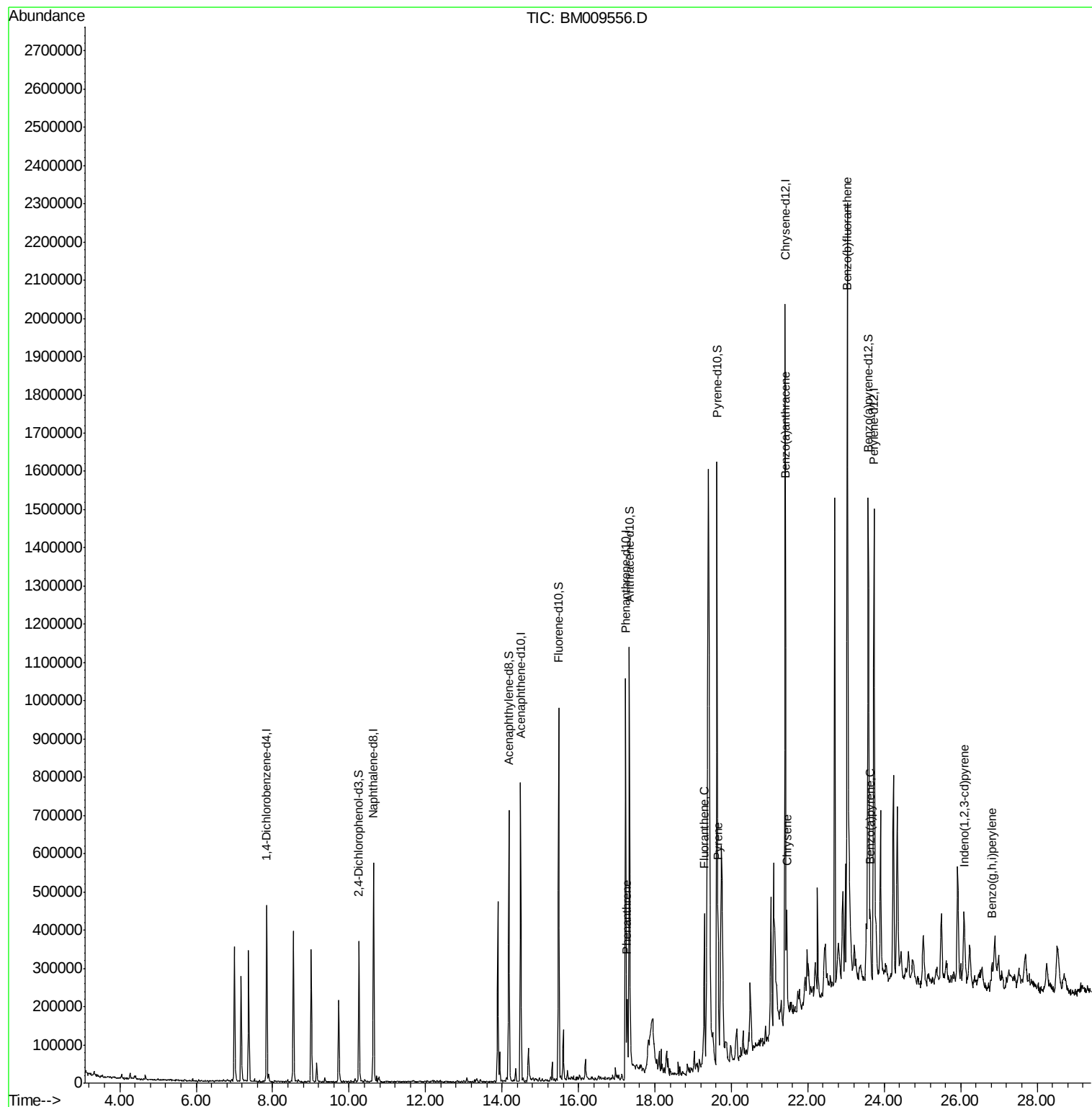
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
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ALS Vial : 5 Sample Multiplier: 1

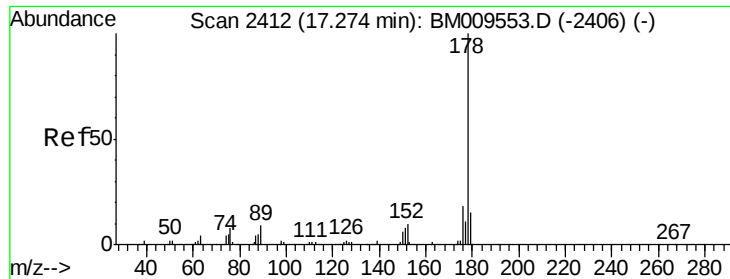
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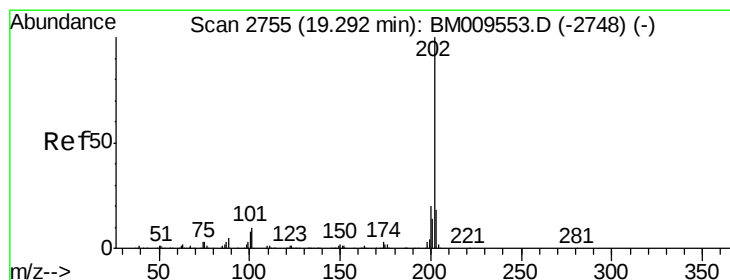
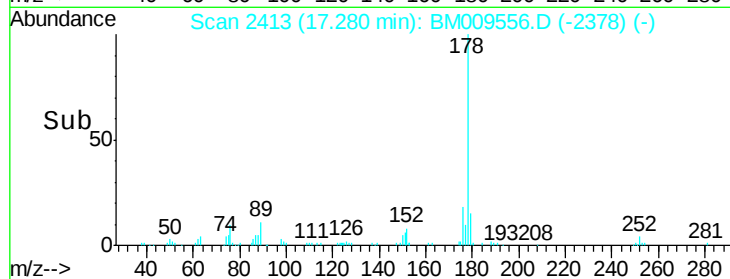
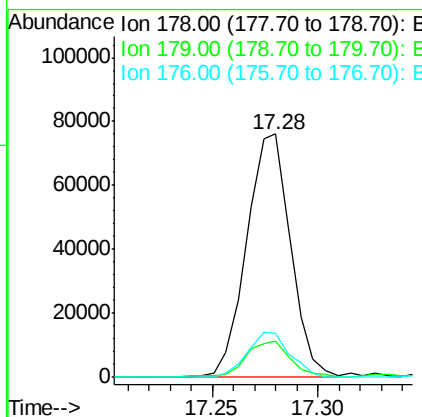
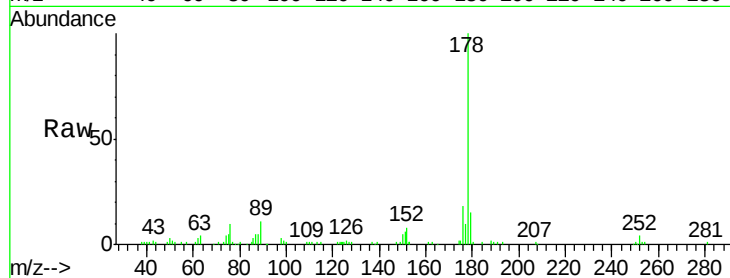
#14
Phenanthrene
Concen: 3.48 ng/ul
RT: 17.28 min Scan# 2413
Delta R.T. 0.01 min
Lab File: BM009556.D
Acq: 05 Apr 2017 14:10

Instrument :
BNA_M
ClientSampleId :
CB356

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.2	18.4
176	17.9	16.4	24.6

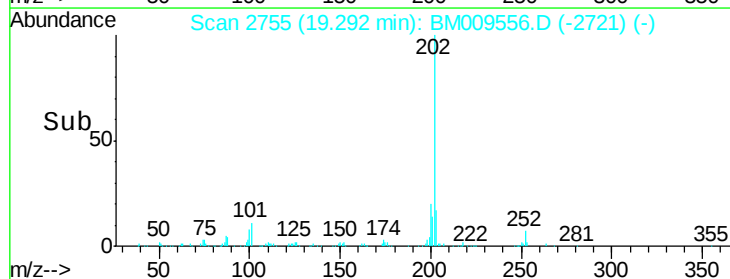
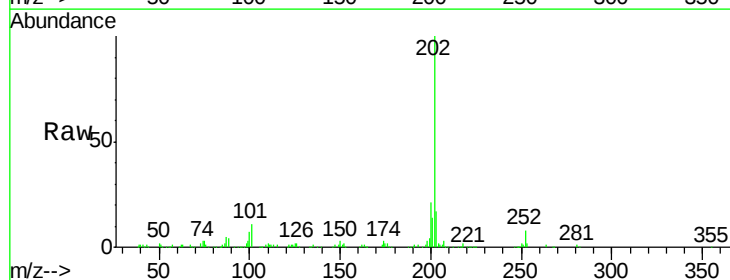
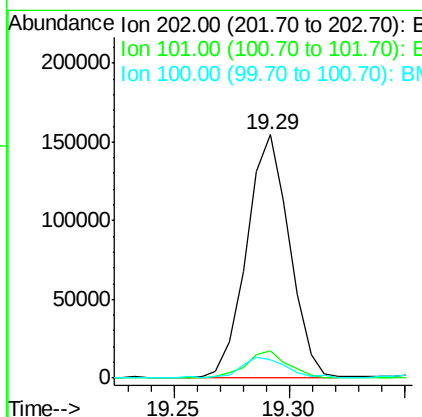
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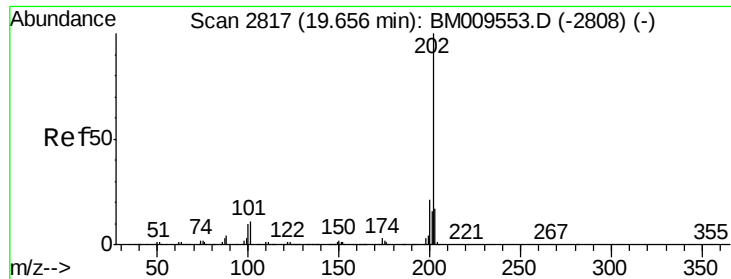
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#17
Fluoranthene
Concen: 5.08 ng/ul
RT: 19.29 min Scan# 2755
Delta R.T. -0.00 min
Lab File: BM009556.D
Acq: 05 Apr 2017 14:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.8	14.8
100	7.5	7.5	11.3





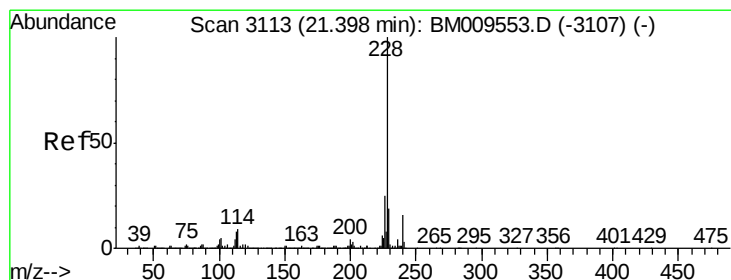
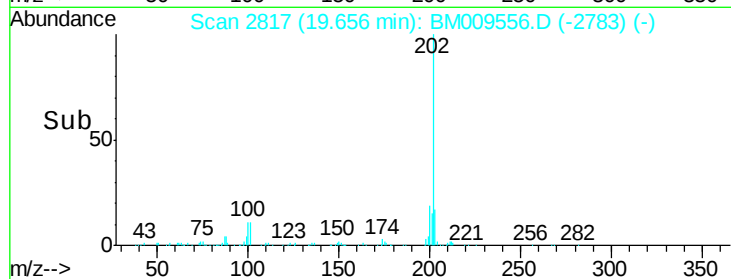
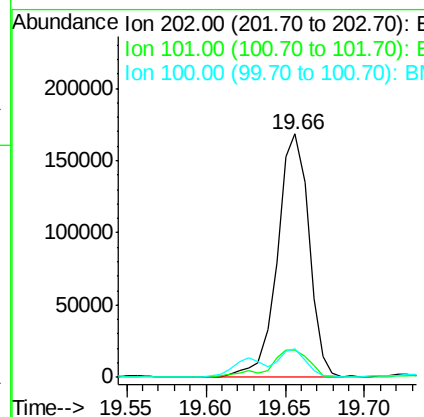
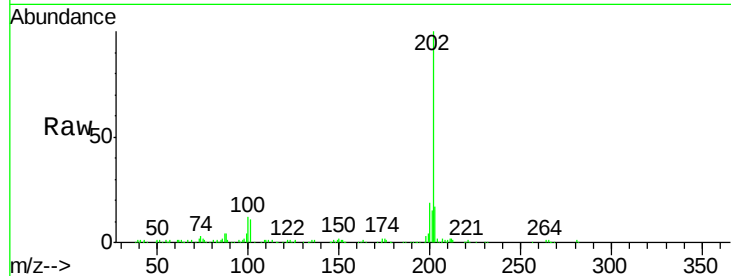
#20
Pvrene
Concen: 5.05 ng/ul
RT: 19.66 min Scan# 2817
Delta R.T. -0.00 min
Lab File: BM009556.D
Acq: 05 Apr 2017 14:10

Instrument :
BNA_M
ClientSampleId :
CB356

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		234137		
101	11.3	11.2	16.8		
100	11.5	9.8	14.6		

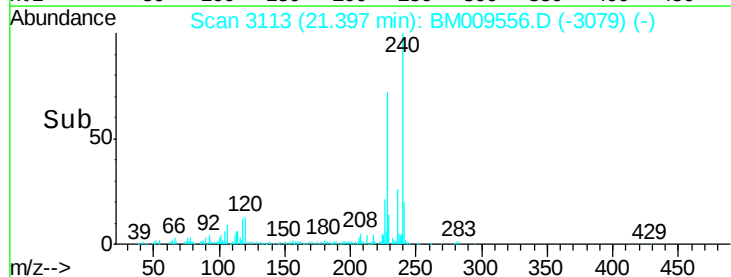
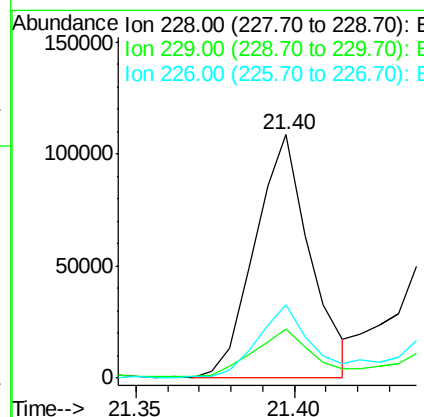
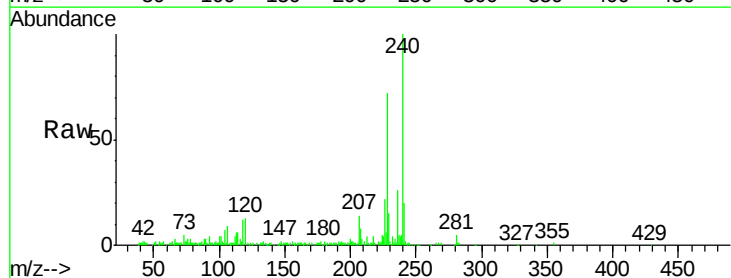
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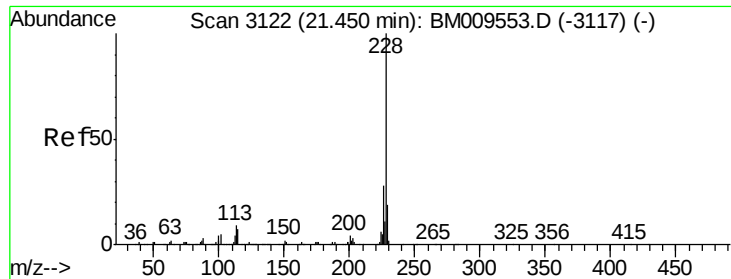
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#21
Benzo(a)anthracene
Concen: 2.73 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. -0.00 min
Lab File: BM009556.D
Acq: 05 Apr 2017 14:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		131707		
229	20.1	15.9	23.9		
226	30.0	22.1	33.1		





#22

Chrysene

Concen: 3.24 ng/ul

RT: 21.45 min Scan# 3122

Delta R.T. -0.00 min

Lab File: BM009556.D

Acq: 05 Apr 2017 14:10

Instrument :

BNA_M

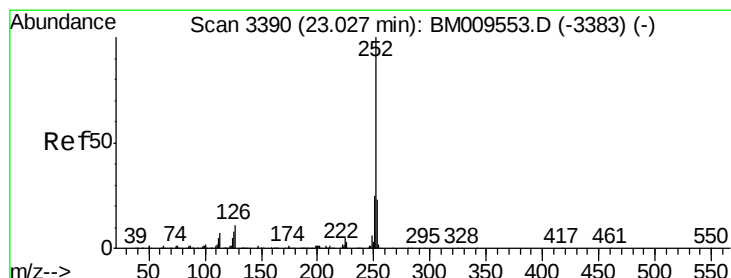
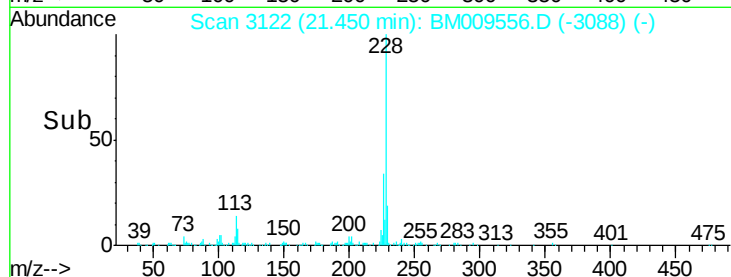
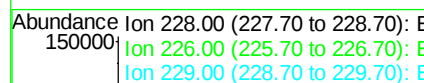
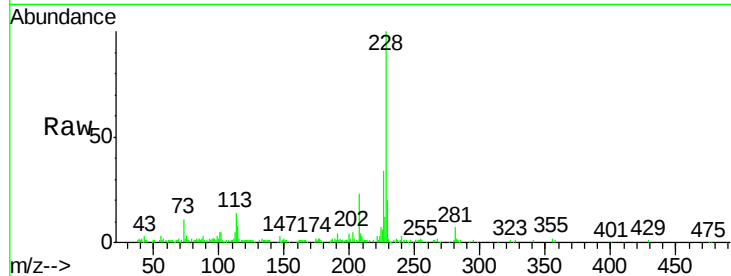
ClientSampled :

CB356

Tot Ion:	228	Resp:	142944
Ion Ratio		Lower	Upper
228	100		
226	34.0	25.0	37.6
229	19.9	16.6	25.0

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#24

Benzo(b)fluoranthene

Concen: 3.41 ng/ul

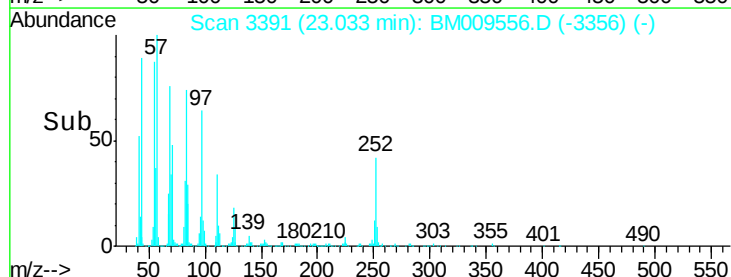
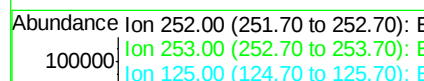
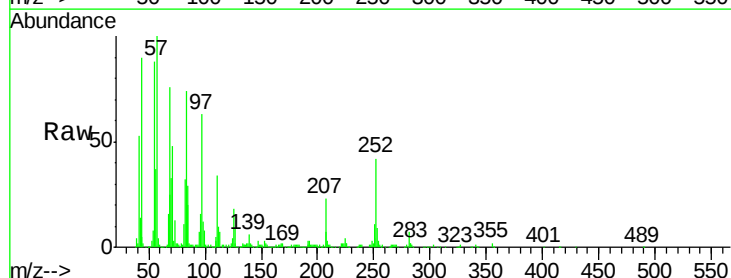
RT: 23.03 min Scan# 3391

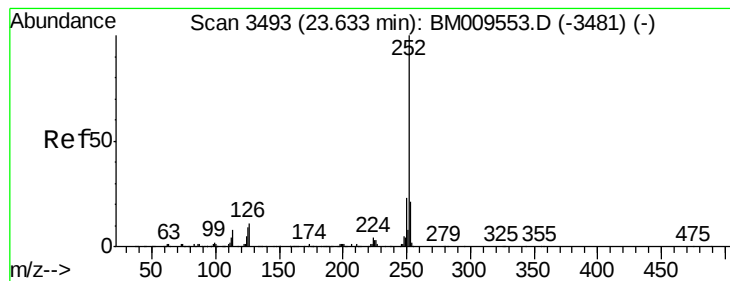
Delta R.T. 0.01 min

Lab File: BM009556.D

Acq: 05 Apr 2017 14:10

Tgt Ion:	252	Resp:	179858
Ion Ratio		Lower	Upper
252	100		
253	21.9	17.8	26.6
125	44.1	9.4	14.0#





#27

Benzo(a)pyrene

Concen: 2.41 ng/ul

RT: 23.63 min Scan# 3492

Delta R.T. -0.01 min

Lab File: BM009556.D

Acq: 05 Apr 2017 14:10

Instrument :

BNA_M

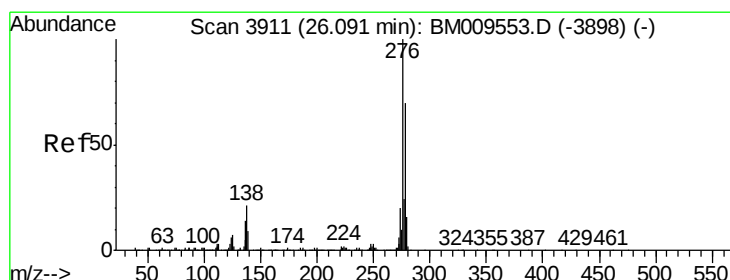
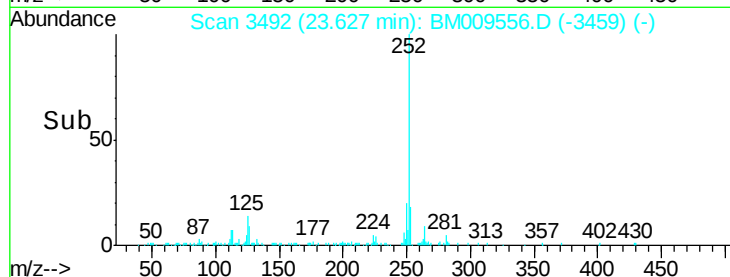
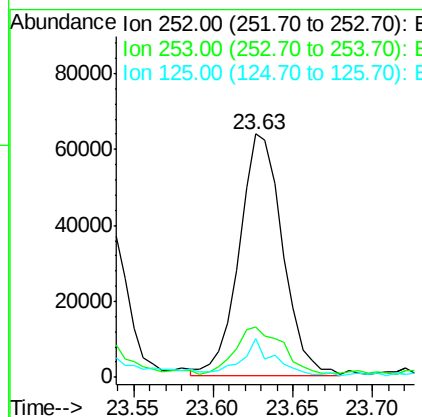
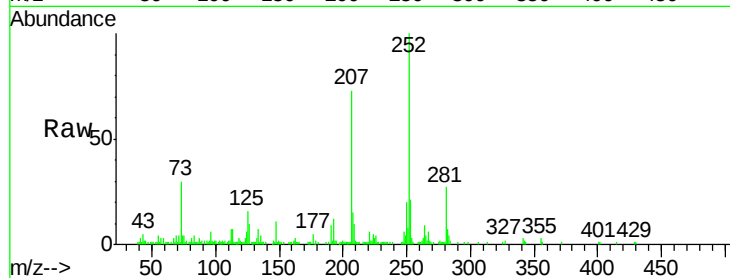
ClientSampleId :

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Tot Ion:	252	Resp:	121154
Ion Ratio	Lower	Upper	
252	100		
253	20.9	17.1	25.7
125	16.0	9.4	14.2

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#28

Indeno(1,2,3-cd)pyrene

Concen: 1.42 ng/ul

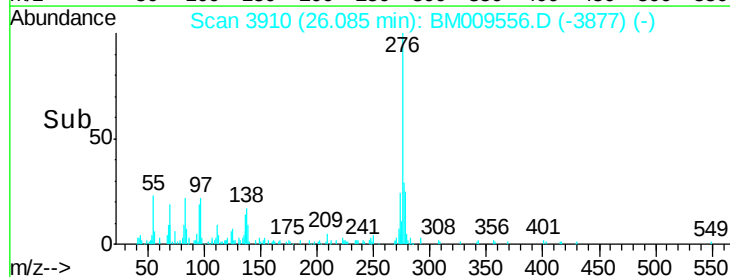
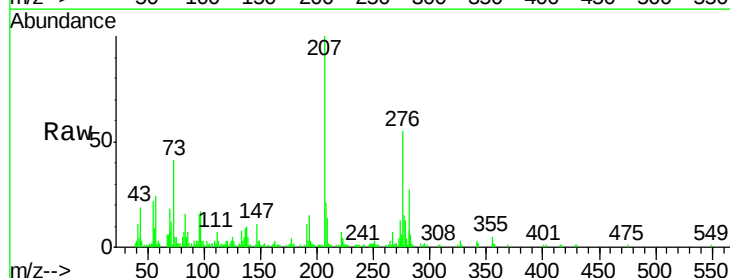
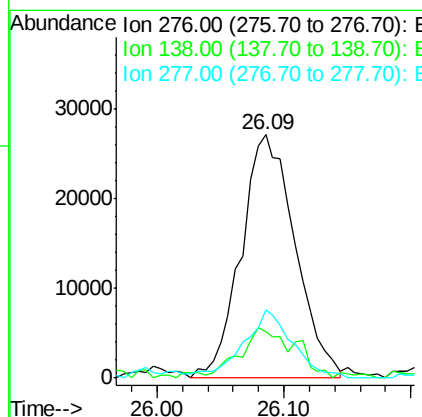
RT: 26.09 min Scan# 3910

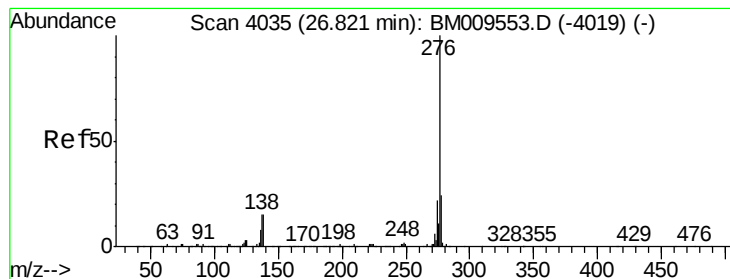
Delta R.T. -0.01 min

Lab File: BM009556.D

Acq: 05 Apr 2017 14:10

Tgt Ion:	276	Resp:	80044
Ion Ratio	Lower	Upper	
276	100		
138	19.0	17.8	26.6
277	27.9	19.4	29.0





#30

Benzo(a,h,i)perylene

Concen: 1.62 ng/ul

RT: 26.82 min Scan# 4035

Delta R.T. -0.00 min

Lab File: BM009556.D

Acq: 05 Apr 2017 14:10

Instrument :

BNA_M

ClientSampleId :

CB356

Tot Ion:	276	Resp:	75257
Ion Ratio		Lower	Upper
276	100		
138	15.6	19.0	28.4#
277	22.6	19.7	29.5

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