

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
 Data File : BM002604.D
 Acq On : 01 Sep 2015 00:16
 Operator : UM/IZ
 Sample : G3456-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9EA2

Manual Integrations
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Quant Time: Sep 01 02:13:04 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 01 02:00:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	137728	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	616445	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	305962	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.07	188	579185	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	430726	20.00	ng/ul	0.00
22) Perylene-d12	24.78	264	421540	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.07	160	304940	9.75	ng/ul	0.00
10) Fluorene-d10	16.34	176	200090	9.11	ng/ul	0.00
14) Anthracene-d10	18.17	188	263891	9.45	ng/ul	0.00
18) Pyrene-d10	20.40	212	217892	11.41	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.61	264	181368	8.19	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	18.12	178	55029	1.65	ng/ul	98
16) Fluoranthene	20.07	202	119991	3.17	ng/ul	97
19) Pyrene	20.43	202	98024	3.88	ng/ul	98
20) Benzo(a)anthracene	22.14	228	49035	1.90	ng/ul	97
21) Chrysene	22.20	228	49625	2.06	ng/ul	98
23) Benzo(b)fluoranthene	23.97	252	73373	2.88	ng/ul#	95
24) Benzo(k)fluoranthene	24.01	252	26363m	1.09	ng/ul	
26) Benzo(a)pyrene	24.67	252	45830	1.88	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	27.54	276	36333	1.30	ng/ul	96
29) Benzo(g,h,i)perylene	28.40	276	30850	1.32	ng/ul	96

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

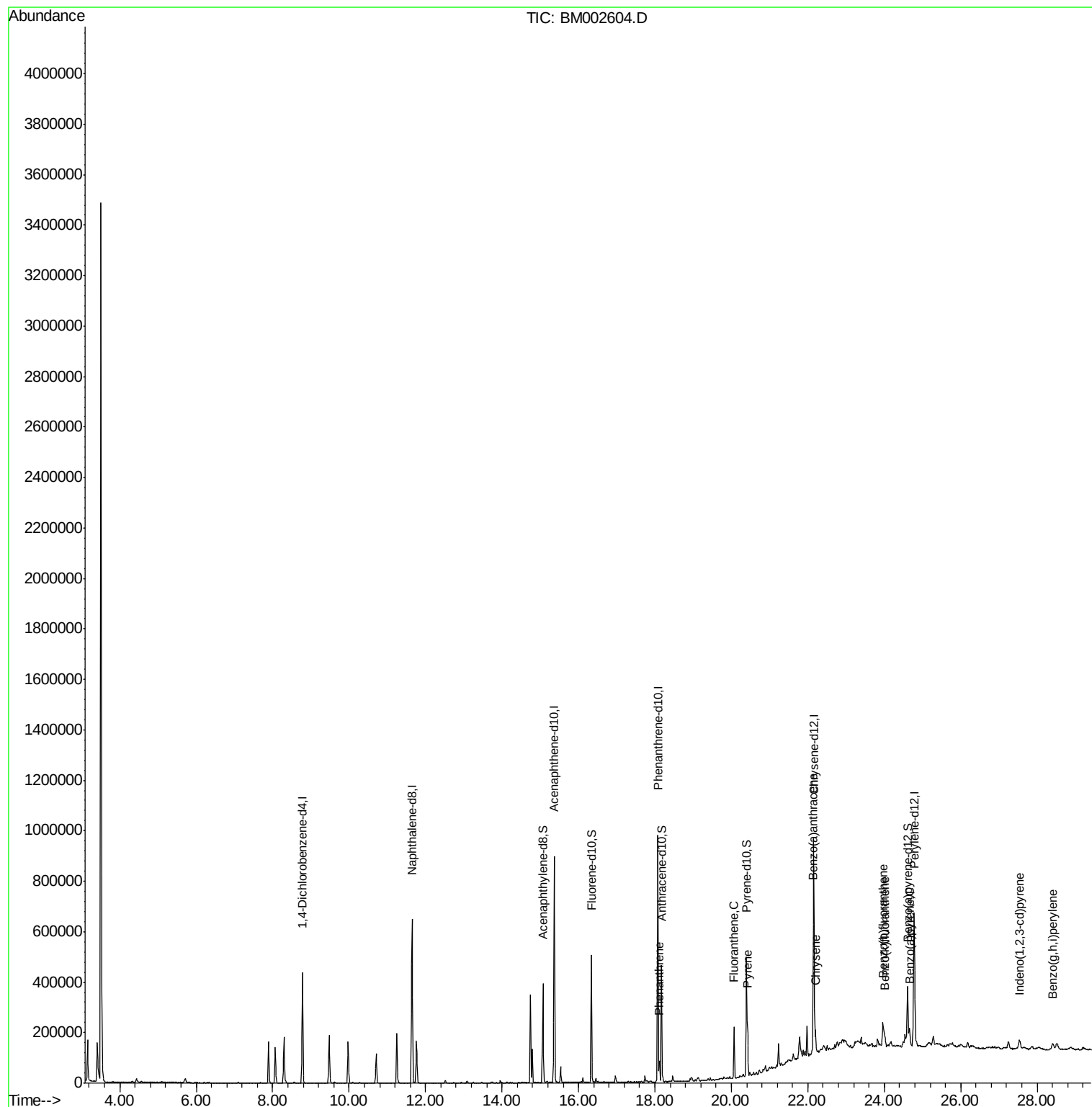
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
Data File : BM002604.D
Acq On : 01 Sep 2015 00:16
Operator : UM/IZ
Sample : G3456-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

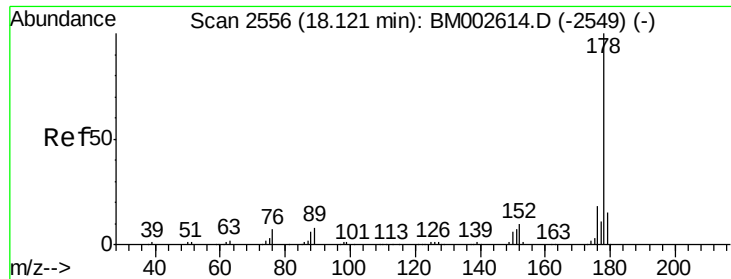
Instrument :
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Quant Time: Sep 01 02:13:04 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
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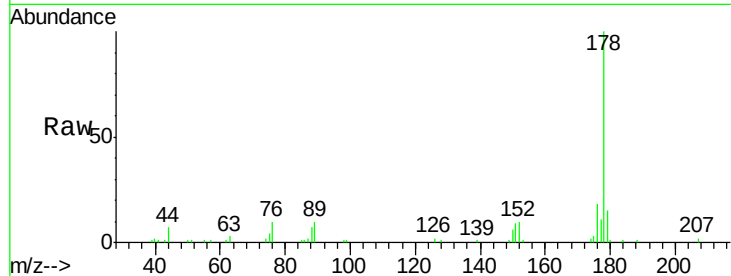
#13
Phenanthrene
Concen: 1.65 ng/ul
RT: 18.12 min Scan# 2555
Delta R.T. -0.01 min
Lab File: BM002604.D
Acq: 01 Sep 2015 00:16

Instrument :
BNA_M
ClientSampleId :
D9EA2

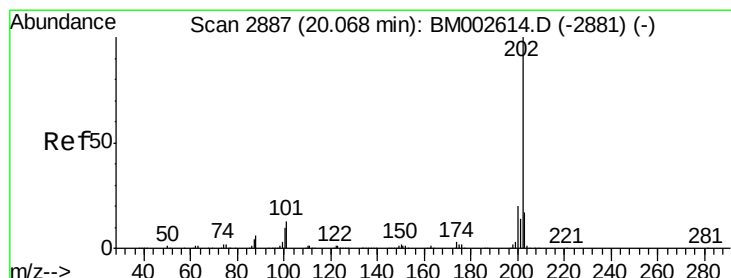
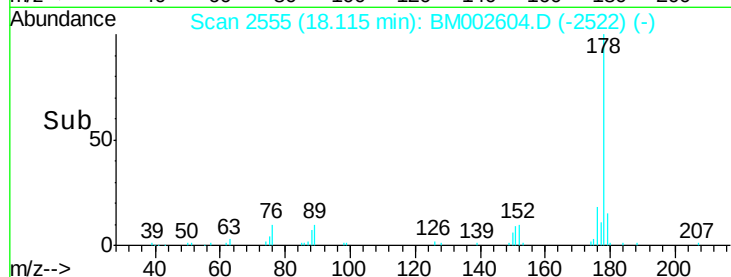
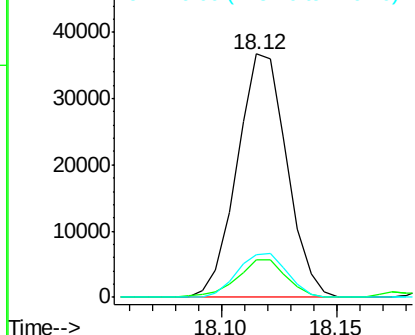
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	17.7	15.1	22.7

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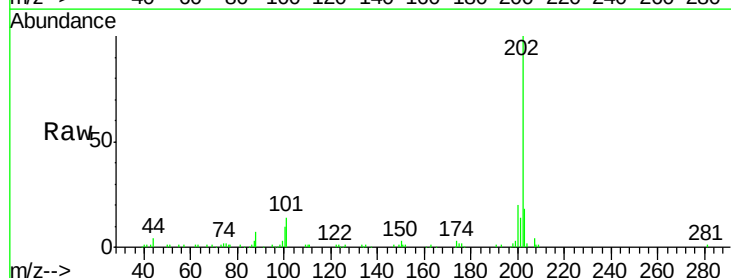


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

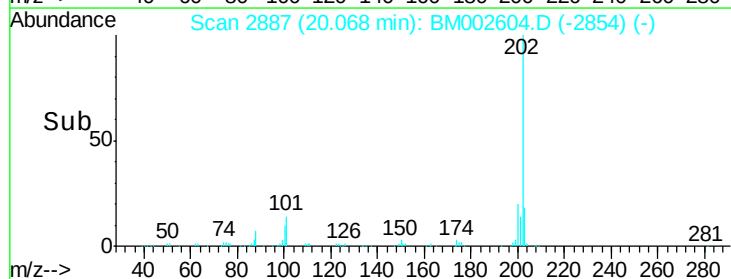
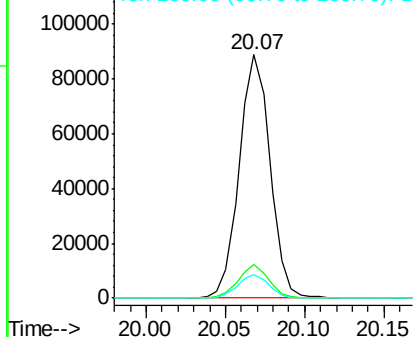


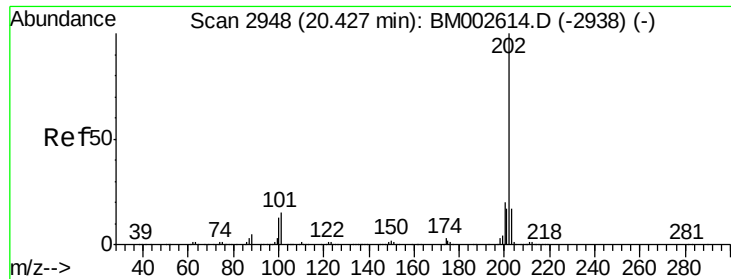
#16
Fluoranthene
Concen: 3.17 ng/ul
RT: 20.07 min Scan# 2887
Delta R.T. -0.01 min
Lab File: BM002604.D
Acq: 01 Sep 2015 00:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	9.7	14.5
100	9.9	7.4	11.2



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





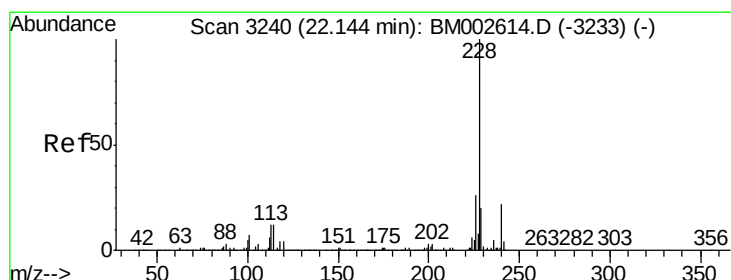
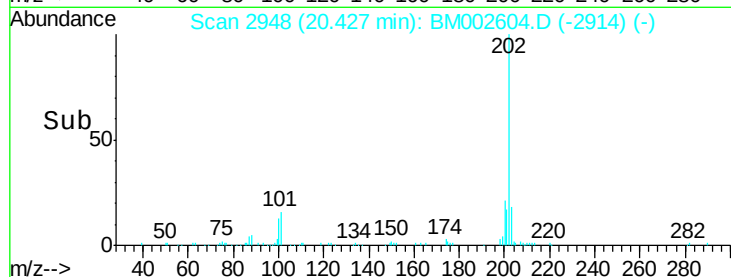
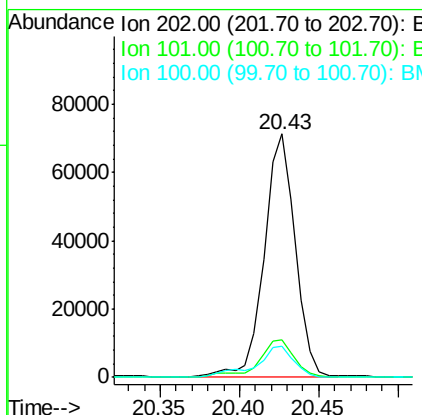
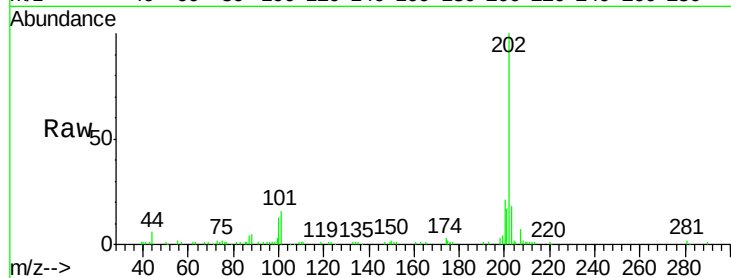
#19
Pyrene
Concen: 3.88 ng/ul
RT: 20.43 min Scan# 2948
Delta R.T. 0.00 min
Lab File: BM002604.D
Acq: 01 Sep 2015 00:16

Instrument :
BNA_M
ClientSampleId :
D9EA2

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.5	12.0	18.0
100	12.9	9.7	14.5

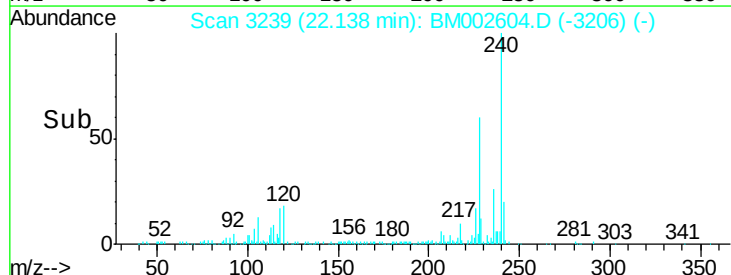
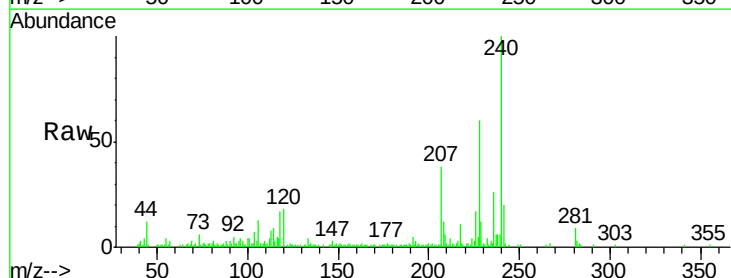
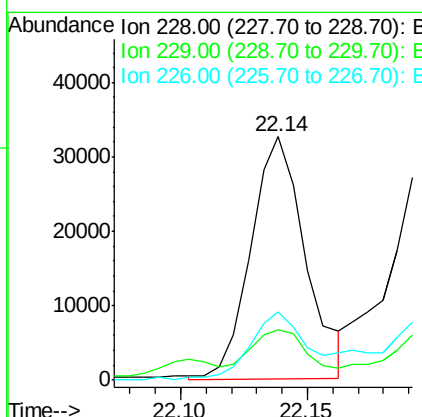
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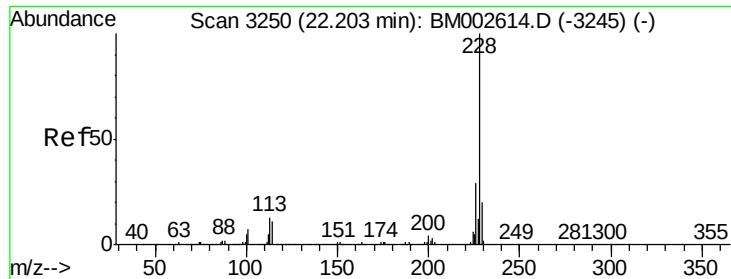
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#20
Benzo(a)anthracene
Concen: 1.90 ng/ul
RT: 22.14 min Scan# 3239
Delta R.T. -0.01 min
Lab File: BM002604.D
Acq: 01 Sep 2015 00:16

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.8	23.6
226	28.3	21.1	31.7





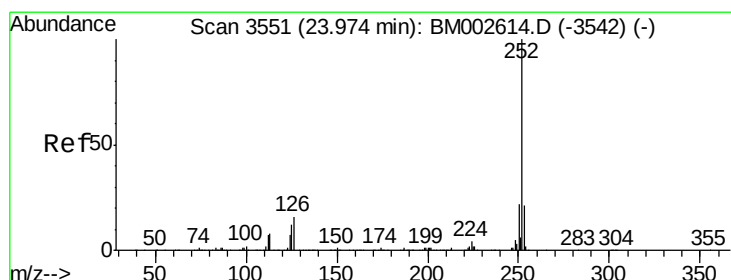
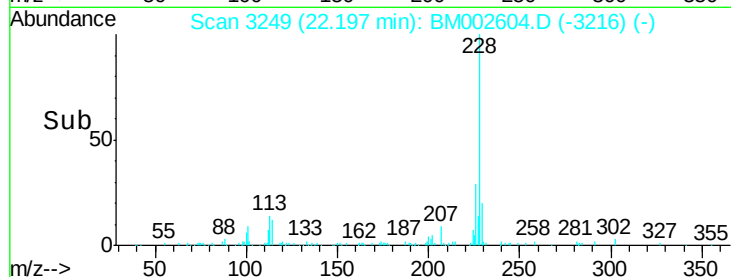
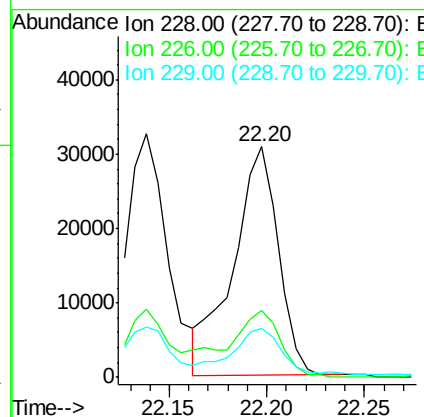
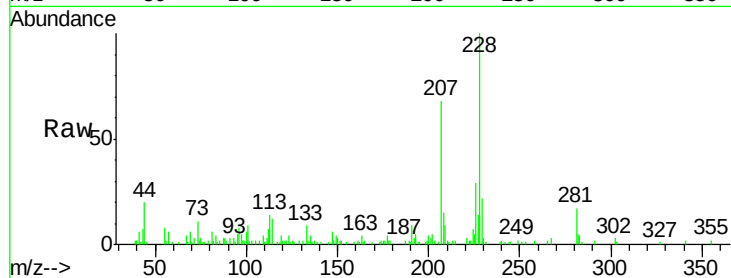
#21
Chrysene
Concen: 2.06 ng/ul
RT: 22.20 min Scan# 3249
Delta R.T. -0.01 min
Lab File: BM002604.D
Acq: 01 Sep 2015 00:16

Instrument :
BNA_M
ClientSampleId :
D9EA2

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.1	23.4	35.2
229	21.5	15.7	23.5

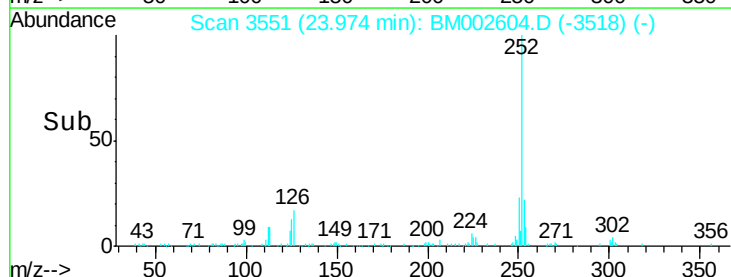
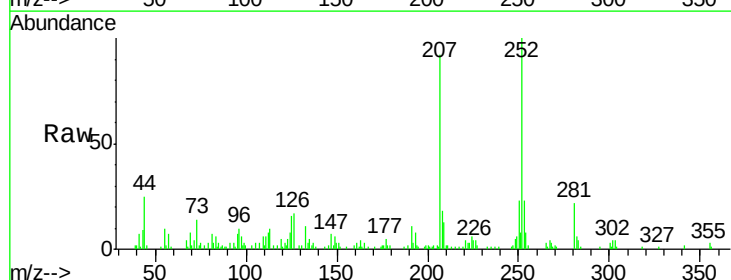
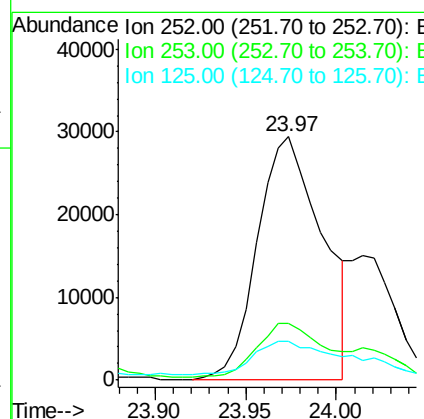
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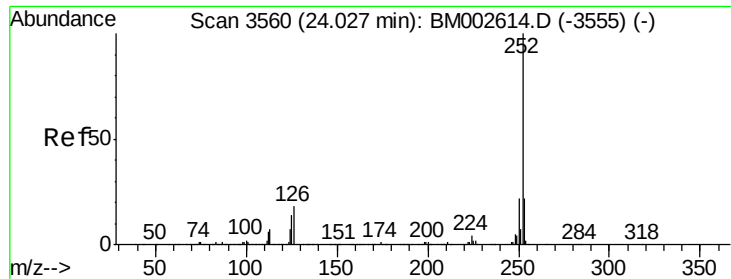
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#23
Benzo(b)fluoranthene
Concen: 2.88 ng/ul
RT: 23.97 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BM002604.D
Acq: 01 Sep 2015 00:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.1	17.4	26.0
125	16.2	10.0	15.0#





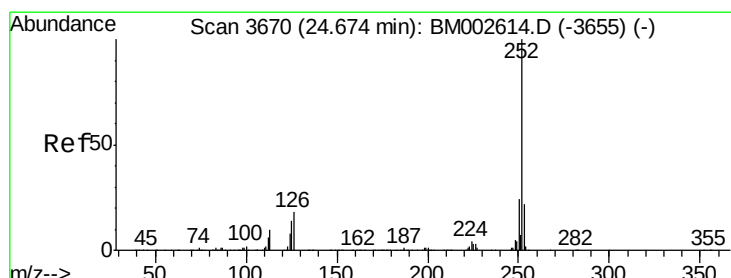
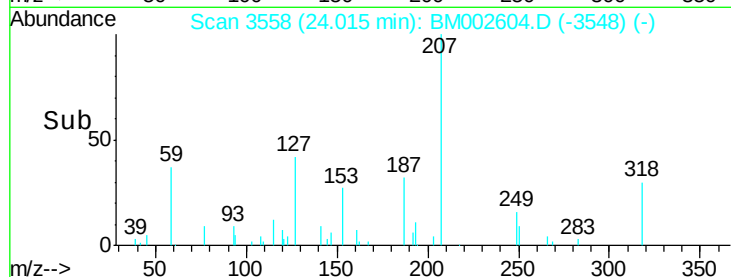
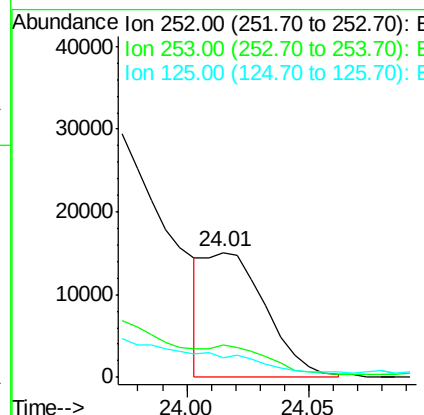
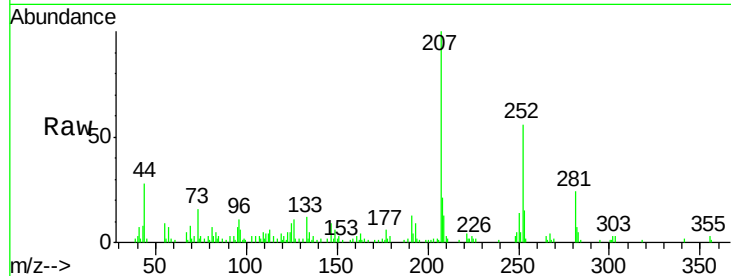
#24
Benzo(k)fluoranthene
Concen: 1.09 ng/ul m
RT: 24.01 min Scan# 3558
Delta R.T. -0.01 min
Lab File: BM002604.D
Acq: 01 Sep 2015 00:16

Instrument :
BNA_M
ClientSampleId :
D9EA2

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	26363		
253	26.2	17.8	26.6	
125	16.1	9.8	14.8#	

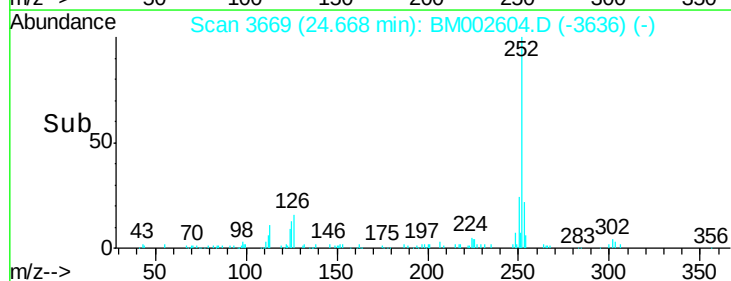
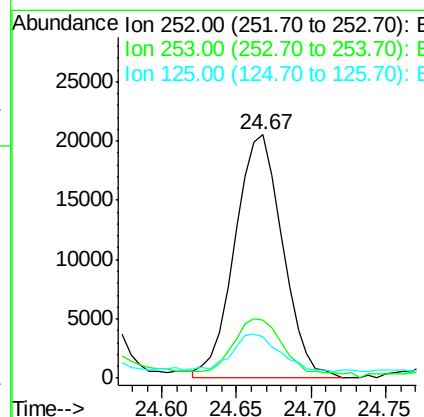
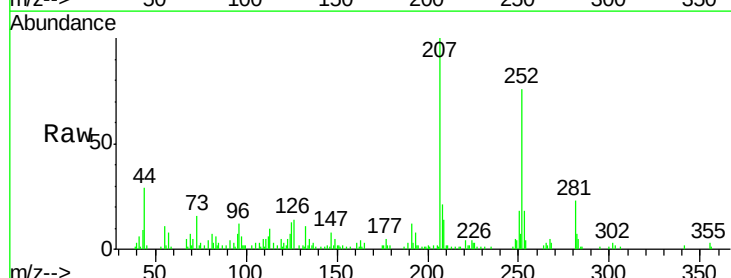
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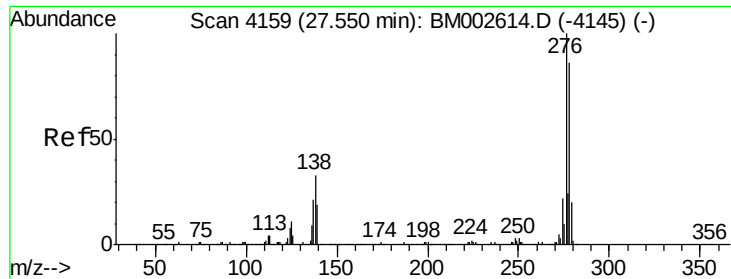
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#26
Benzo(a)pyrene
Concen: 1.88 ng/ul
RT: 24.67 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BM002604.D
Acq: 01 Sep 2015 00:16

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	45830		
253	24.0	17.6	26.4	
125	16.9	10.7	16.1#	





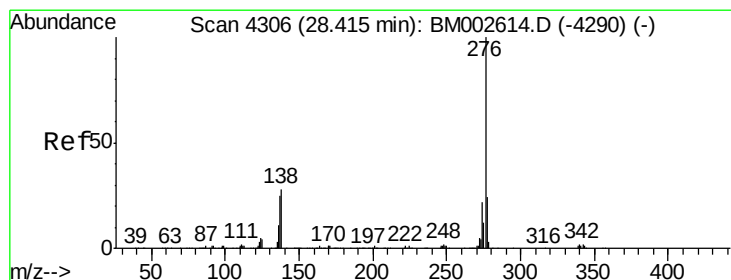
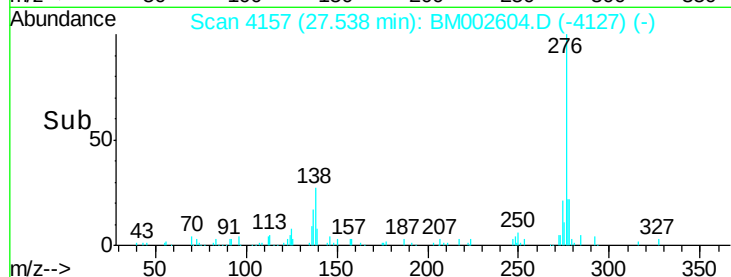
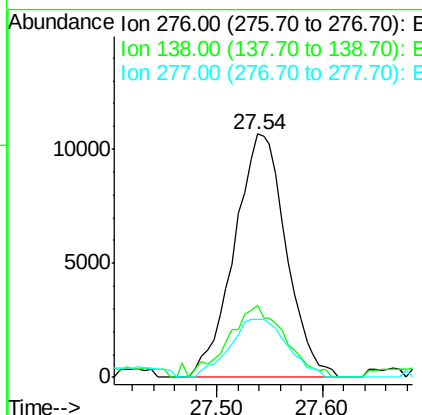
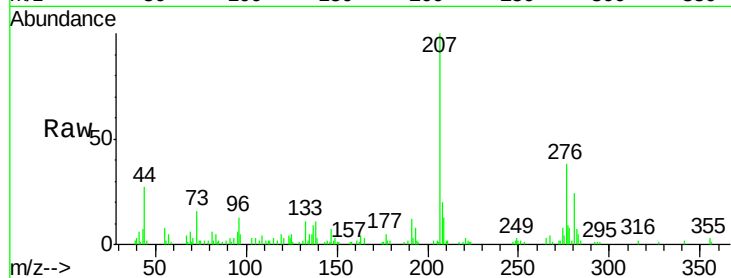
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.30 ng/ul
 RT: 27.54 min Scan# 4157
 Delta R.T. -0.02 min
 Lab File: BM002604.D
 Acq: 01 Sep 2015 00:16

Instrument :
 BNA_M
 ClientSampled :
 D9EA2

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.4	25.3	37.9
277	23.7	20.2	30.2

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#29
 Benzo(g,h,i)perylene
 Concen: 1.32 ng/ul
 RT: 28.40 min Scan# 4304
 Delta R.T. -0.02 min
 Lab File: BM002604.D
 Acq: 01 Sep 2015 00:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.9	21.0	31.6
277	25.3	19.2	28.8

