

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
 Data File : BM002619.D
 Acq On : 01 Sep 2015 09:23
 Operator : UM/IZ
 Sample : G3456-13
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9E97

Manual Integrations
 APPROVED

MMDadoda
 9/1/2015 2:56:52 PM

Quant Time: Sep 01 11:07:56 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 01 07:11:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	111988	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	645963	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	314271	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.07	188	549623	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	423470	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	433063	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	679634	21.15	ng/ul	0.00
10) Fluorene-d10	16.34	176	380966	16.88	ng/ul	0.00
14) Anthracene-d10	18.17	188	514611	19.41	ng/ul	0.00
18) Pyrene-d10	20.40	212	359722	19.16	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.61	264	310403	13.64	ng/ul	0.00
Target Compounds						
13) Phenanthrene	18.12	178	127728	4.02	ng/ul	Qvalue 98
15) Anthracene	18.21	178	33063	1.03	ng/ul	97
16) Fluoranthene	20.07	202	158122	4.40	ng/ul	97
19) Pyrene	20.43	202	114542	4.62	ng/ul	99
20) Benzo(a)anthracene	22.14	228	65081	2.57	ng/ul	96
21) Chrysene	22.20	228	61060	2.58	ng/ul	95
23) Benzo(b)fluoranthene	23.97	252	89835	3.43	ng/ul#	93
24) Benzo(k)fluoranthene	24.02	252	28147m	1.13	ng/ul	
26) Benzo(a)pyrene	24.67	252	59954	2.40	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	27.54	276	42741	1.49	ng/ul	97
29) Benzo(g,h,i)perylene	28.40	276	42927	1.79	ng/ul	97

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

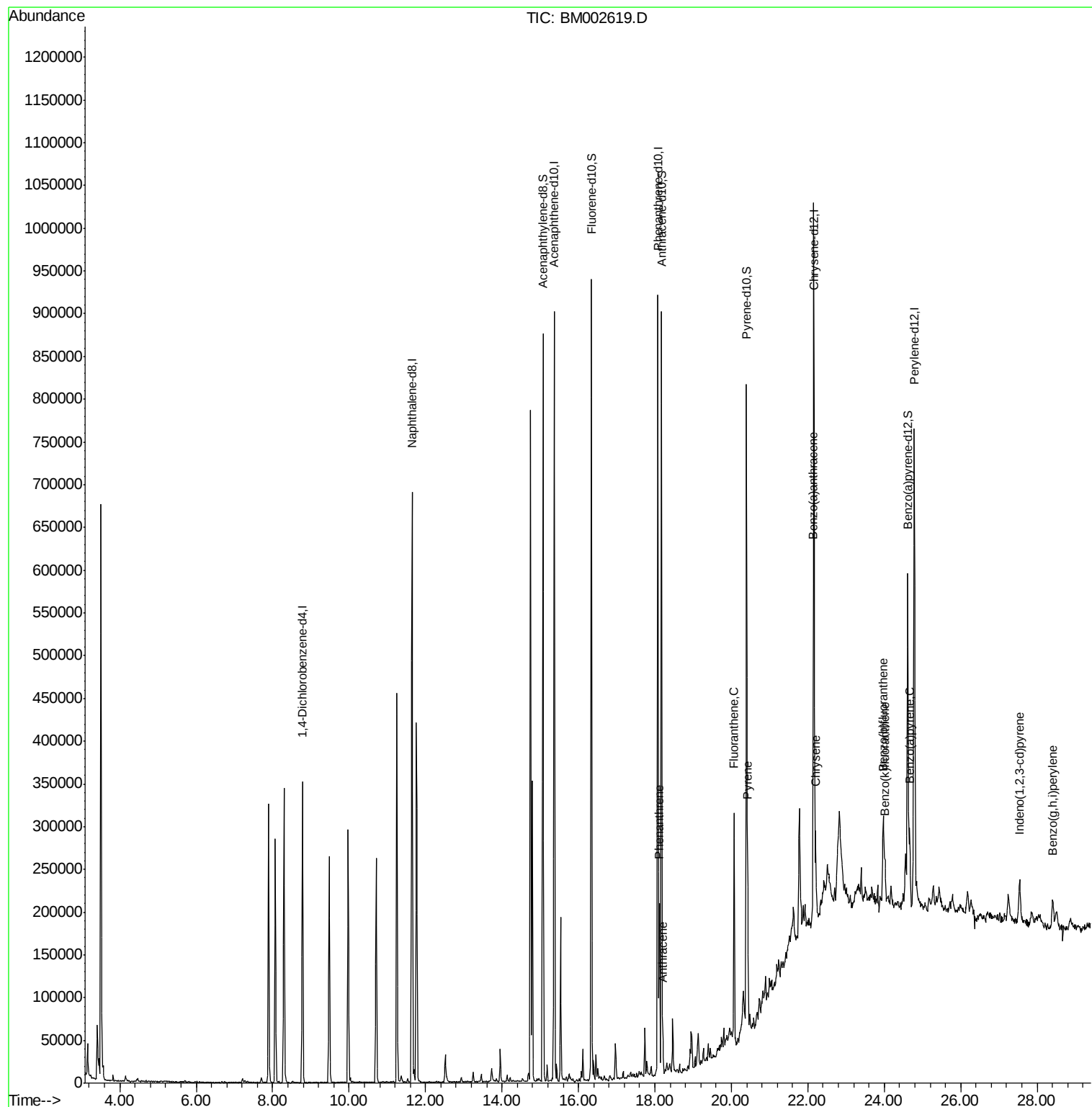
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
Data File : BM002619.D
Acq On : 01 Sep 2015 09:23
Operator : UM/IZ
Sample : G3456-13
Misc :
ALS Vial : 32 Sample Multiplier: 1

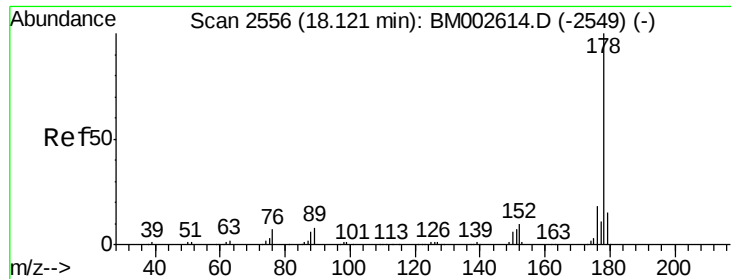
Instrument :
BNA_M
ClientSampled :
D9E97

Manual Integrations
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Quant Time: Sep 01 11:07:56 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





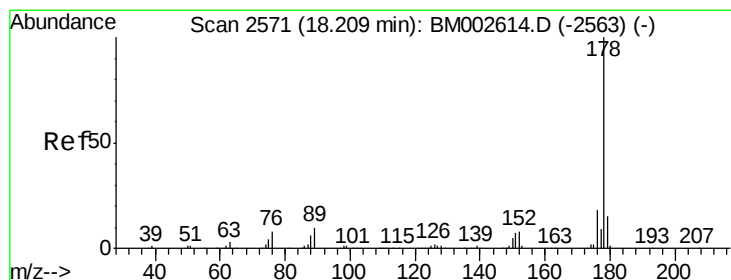
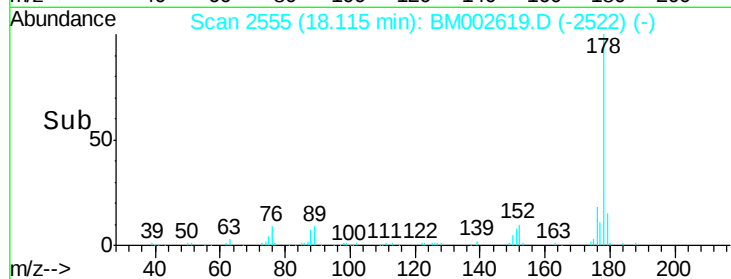
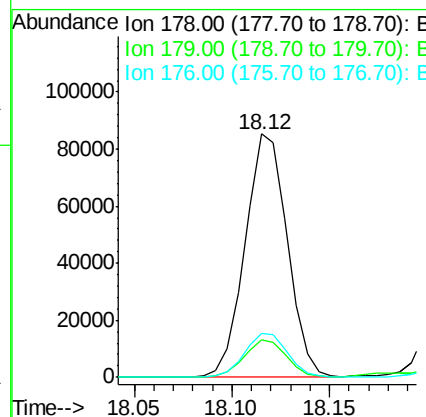
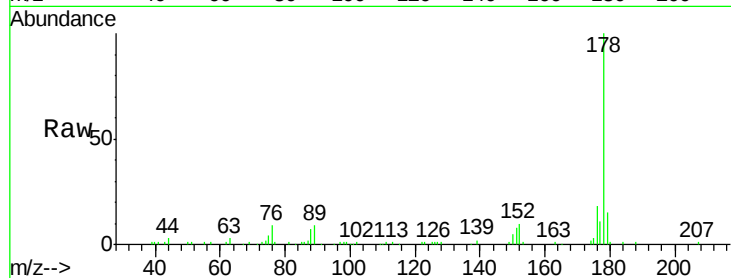
#13
Phenanthrene
Concen: 4.02 ng/ul
RT: 18.12 min Scan# 2555
Delta R.T. -0.01 min
Lab File: BM002619.D
Acq: 01 Sep 2015 09:23

Instrument :
BNA_M
ClientSampleId :
D9E97

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.4	18.6
176	17.8	15.1	22.7

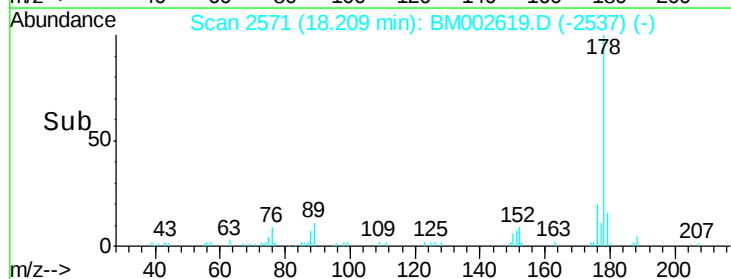
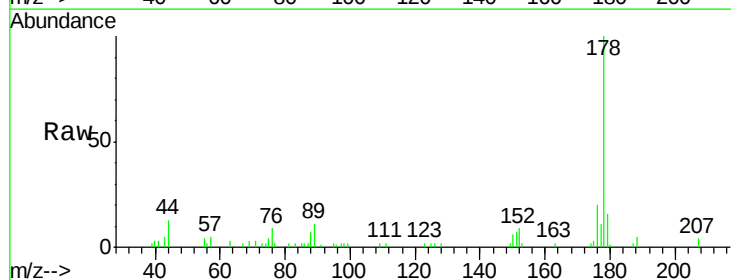
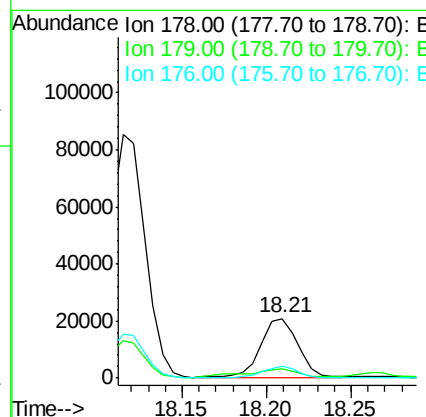
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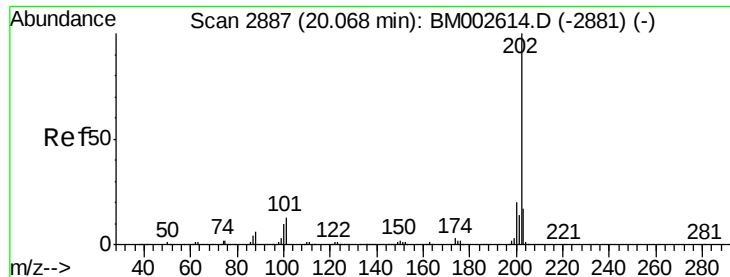
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#15
Anthracene
Concen: 1.03 ng/ul
RT: 18.21 min Scan# 2571
Delta R.T. -0.00 min
Lab File: BM002619.D
Acq: 01 Sep 2015 09:23

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	18.8
176	20.4	14.5	21.7





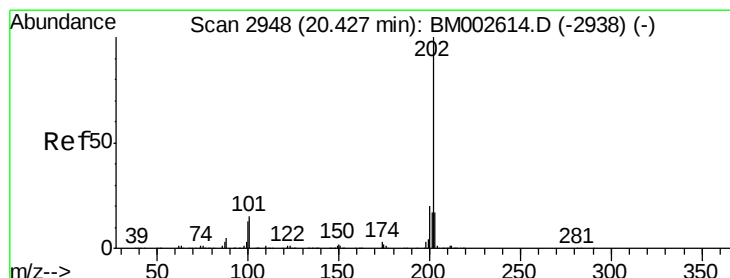
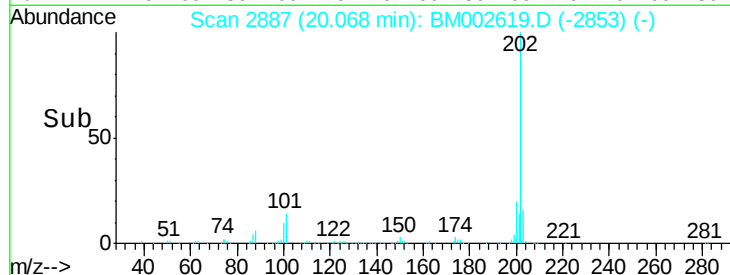
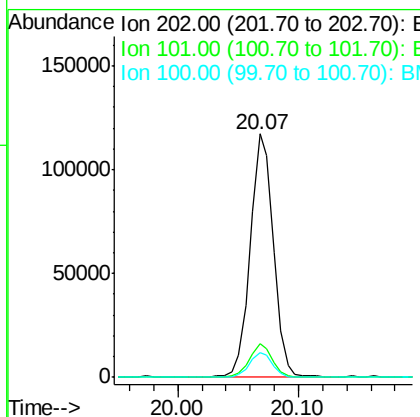
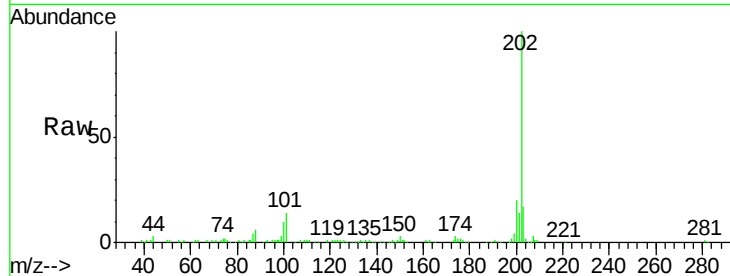
#16
Fluoranthene
 Concen: 4.40 ng/ul
 RT: 20.07 min Scan# 2887
 Delta R.T. -0.00 min
 Lab File: BM002619.D
 Acq: 01 Sep 2015 09:23

Instrument :
 BNA_M
 ClientSampleId :
 D9E97

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	158122		
101	13.7	9.7	14.5	
100	10.2	7.4	11.2	

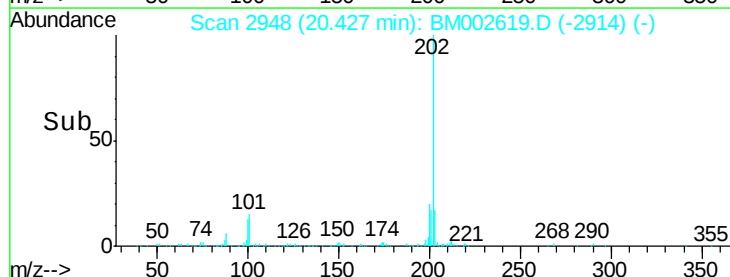
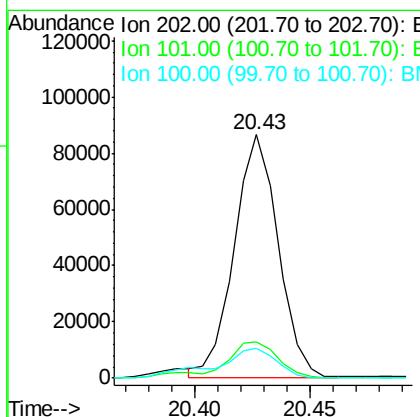
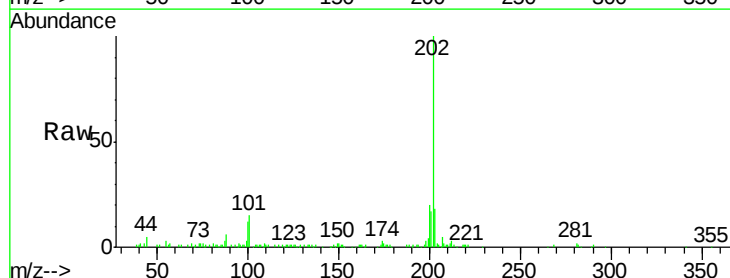
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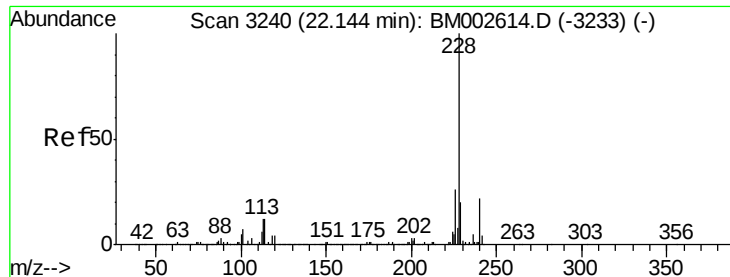
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#19
Pyrene
 Concen: 4.62 ng/ul
 RT: 20.43 min Scan# 2948
 Delta R.T. -0.00 min
 Lab File: BM002619.D
 Acq: 01 Sep 2015 09:23

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	114542		
101	14.9	12.0	18.0	
100	12.5	9.7	14.5	





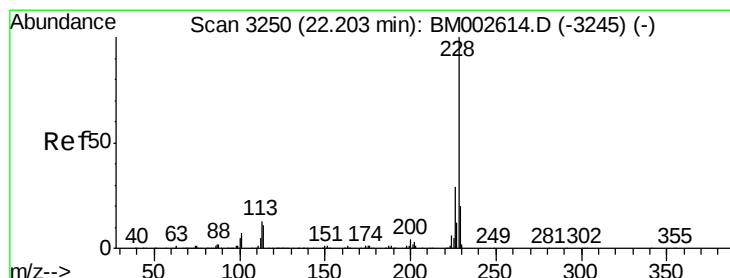
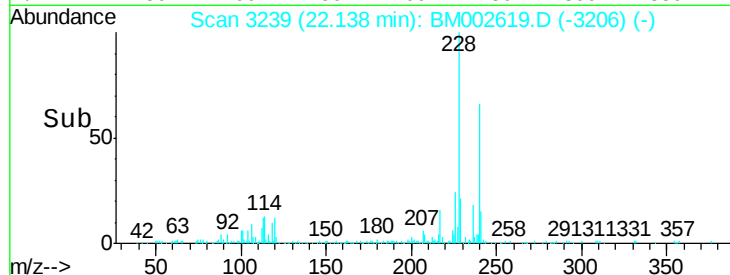
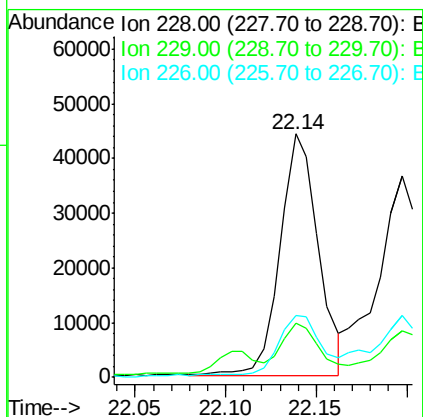
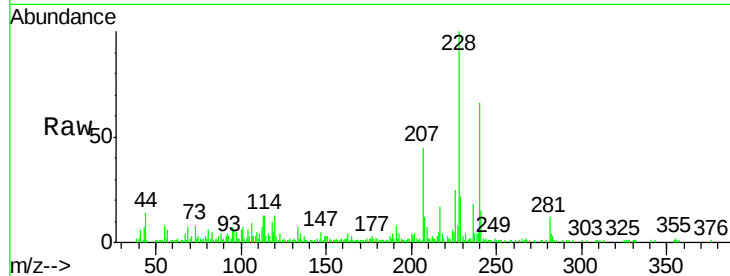
#20
Benzo(a)anthracene
Concen: 2.57 ng/ul
RT: 22.14 min Scan# 3239
Delta R.T. -0.01 min
Lab File: BM002619.D
Acq: 01 Sep 2015 09:23

Instrument :
BNA_M
ClientSampleId :
D9E97

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	65081		
229	22.3	15.8	23.6	
226	25.4	21.1	31.7	

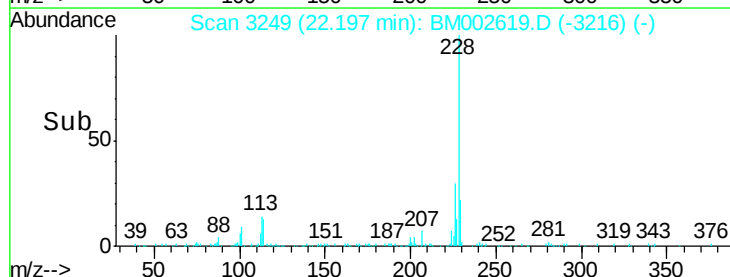
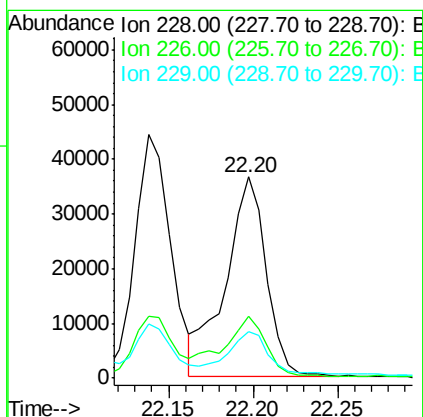
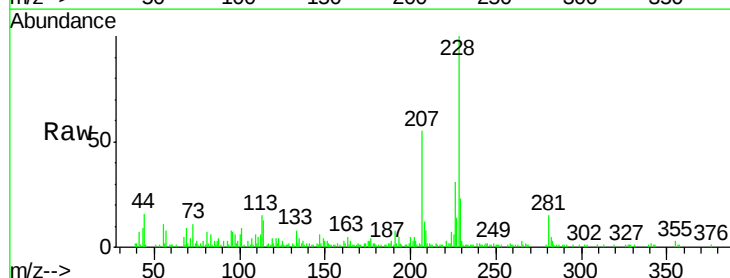
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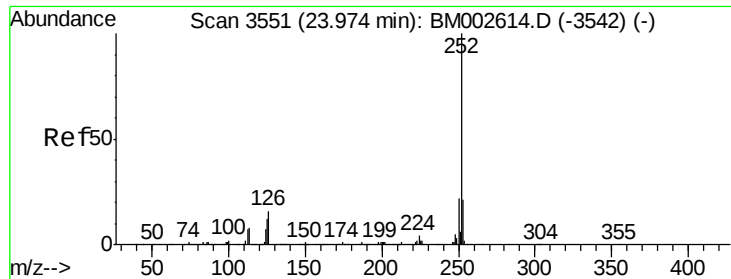
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#21
Chrysene
Concen: 2.58 ng/ul
RT: 22.20 min Scan# 3249
Delta R.T. -0.01 min
Lab File: BM002619.D
Acq: 01 Sep 2015 09:23

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	61060		
226	30.9	23.4	35.2	
229	23.3	15.7	23.5	





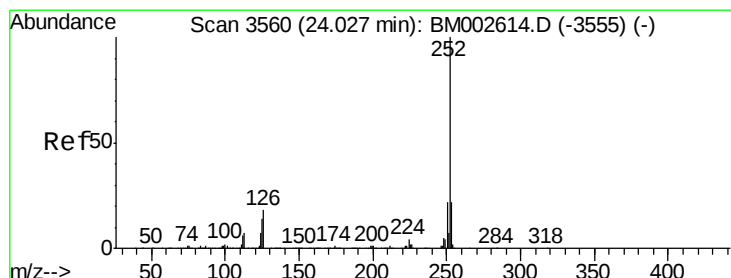
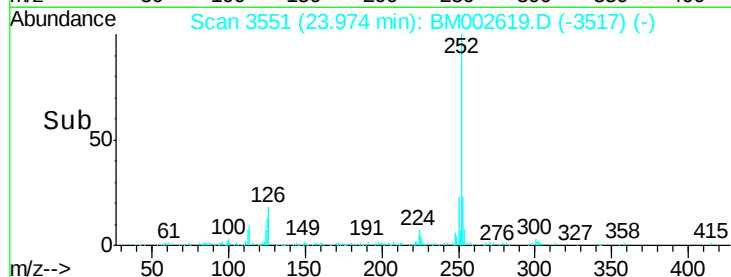
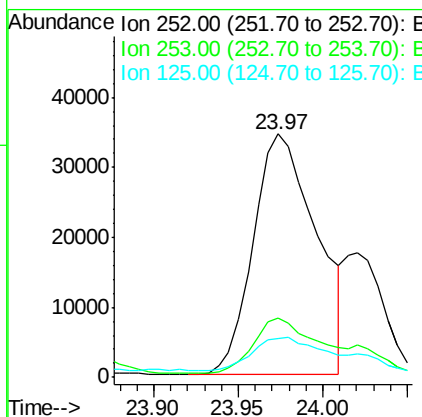
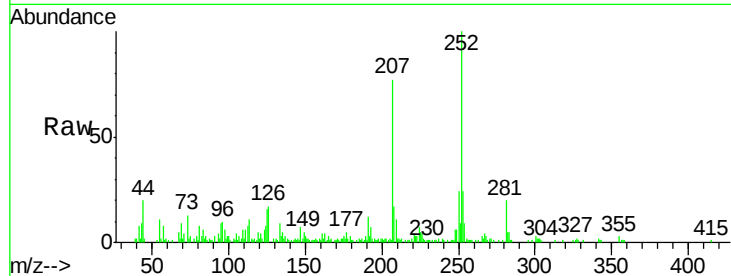
#23
Benzo(b)fluoranthene
Concen: 3.43 ng/ul
RT: 23.97 min Scan# 3551
Delta R.T. -0.00 min
Lab File: BM002619.D
Acq: 01 Sep 2015 09:23

Instrument :
BNA_M
ClientSampleId :
D9E97

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.3	17.4	26.0
125	15.9	10.0	15.0#

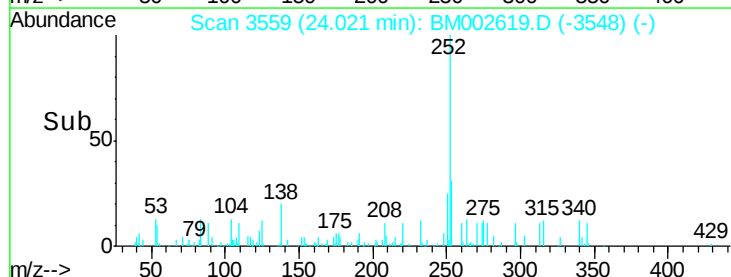
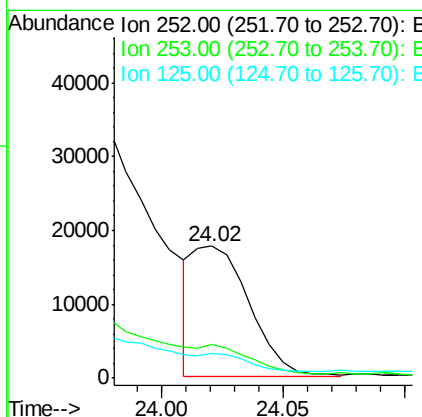
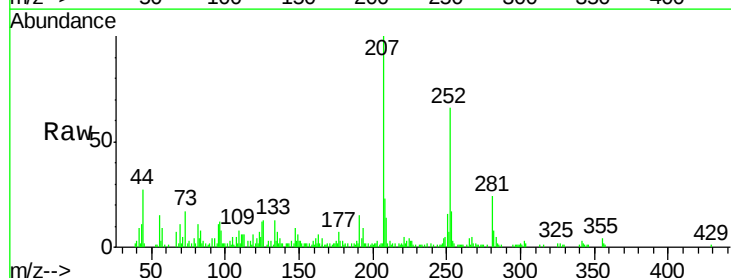
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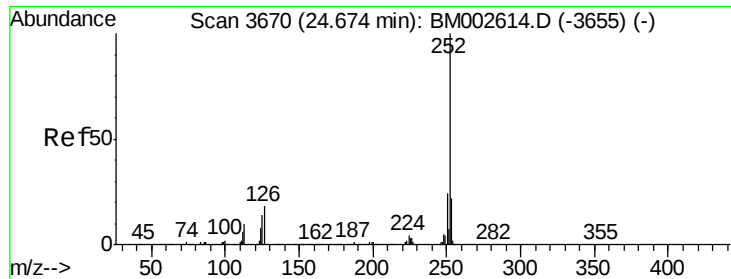
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#24
Benzo(k)fluoranthene
Concen: 1.13 ng/ul m
RT: 24.02 min Scan# 3559
Delta R.T. -0.01 min
Lab File: BM002619.D
Acq: 01 Sep 2015 09:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	25.8	17.8	26.6
125	18.9	9.8	14.8#





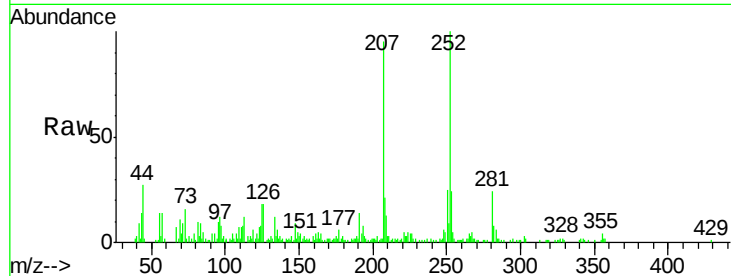
#26
Benzo(a)pyrene
Concen: 2.40 ng/ul
RT: 24.67 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BM002619.D
Acq: 01 Sep 2015 09:23

Instrument :
BNA_M
ClientSampleId :
D9E97

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.7	17.6	26.4
125	18.5	10.7	16.1

Manual Integrations
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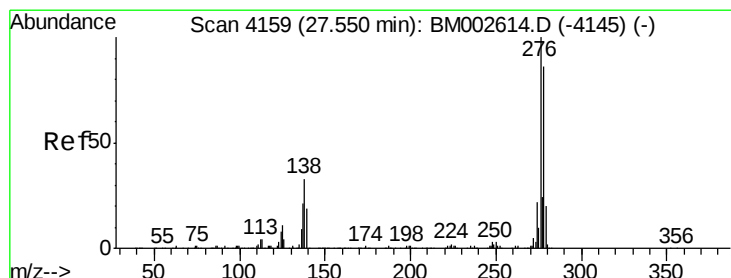
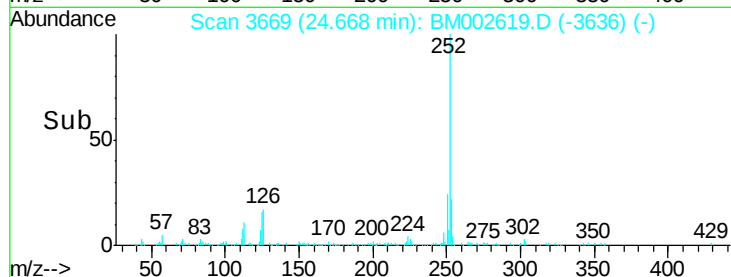
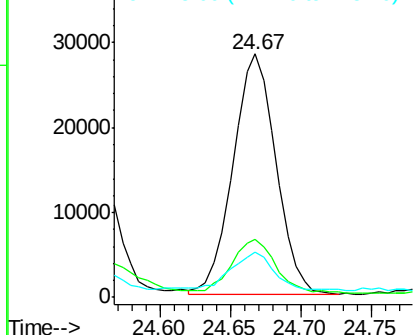


Abundance

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



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.49 ng/ul
RT: 27.54 min Scan# 4158
Delta R.T. -0.01 min
Lab File: BM002619.D
Acq: 01 Sep 2015 09:23

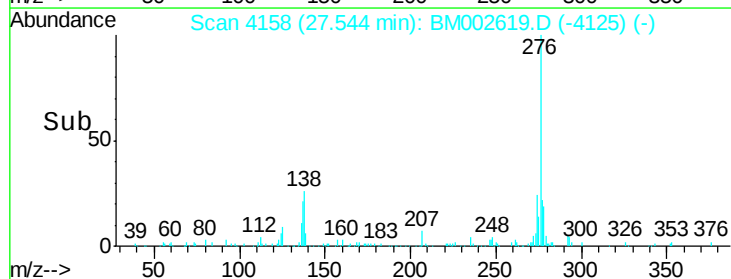
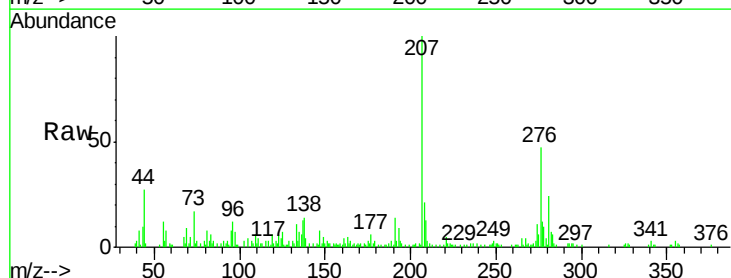
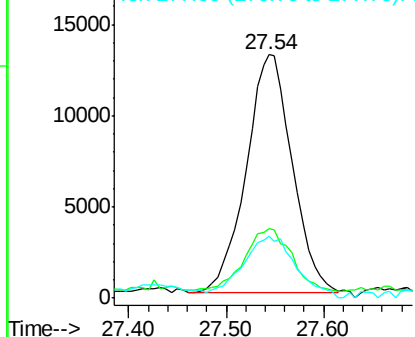
Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	28.8	25.3	37.9
277	25.3	20.2	30.2

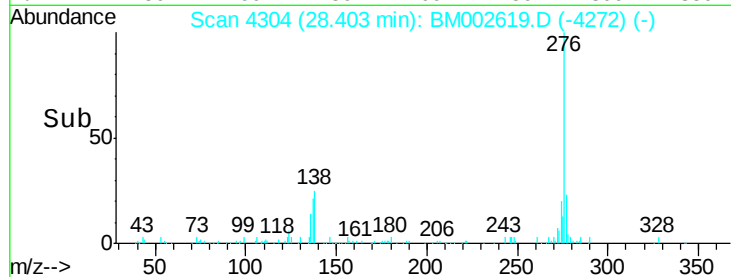
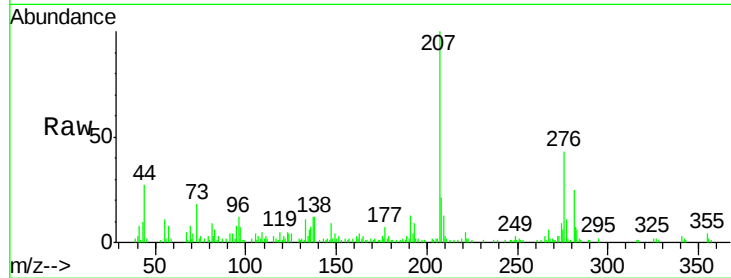
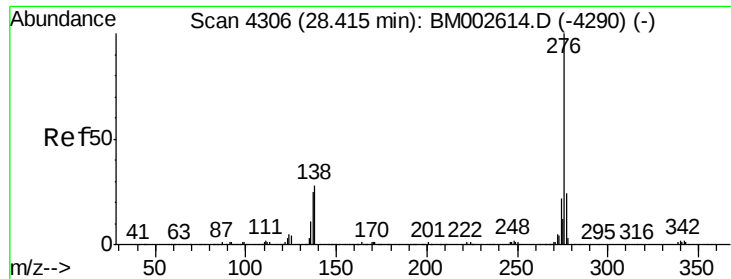
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#29

Benzo(g,h,i)perylene

Concen: 1.79 ng/ul

RT: 28.40 min Scan# 4304

Delta R.T. -0.01 min

Lab File: BM002619.D

Acq: 01 Sep 2015 09:23

Tgt Ion:	276	Resp:	42927
Ion Ratio	Lower	Upper	
276	100		
138	28.2	21.0	31.6
277	25.3	19.2	28.8

Instrument :

BNA_M

ClientSampleId :

D9E97

Manual Integrations
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