

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
 Data File : BM002273.D
 Acq On : 08 Aug 2015 12:46
 Operator : TP/UM
 Sample : G3161-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C50

Manual Integrations
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 8/10/2015 7:13:43 PM

Quant Time: Aug 09 06:00:49 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Aug 09 05:31:20 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	292981	20.00	ng/ul	0.00
2) Naphthalene-d8	11.80	136	1412836	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.50	164	742536	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.21	188	1475295	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	1282667	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	1074543	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.20	160	1115824	14.51	ng/ul	0.00
10) Fluorene-d10	16.47	176	722166	13.50	ng/ul	0.00
14) Anthracene-d10	18.30	188	1009579	14.10	ng/ul	0.00
18) Pyrene-d10	20.52	212	974522	15.67	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.81	264	723093	12.67	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) 2-Methylnaphthalene	13.39	142	82659	1.56	ng/ul	97
13) Phenanthrene	18.25	178	97169	1.14	ng/ul	99
16) Fluoranthene	20.19	202	162351	1.73	ng/ul	99
19) Pyrene	20.55	202	159412	1.92	ng/ul	98
20) Benzo(a)anthracene	22.27	228	162097	2.07	ng/ul	96
21) Chrysene	22.33	228	174326m	2.35	ng/ul	
23) Benzo(b)fluoranthene	24.16	252	269214	4.03	ng/ul	99
24) Benzo(k)fluoranthene	24.20	252	92104m	1.44	ng/ul	
26) Benzo(a)pyrene	24.87	252	164362	2.57	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	27.83	276	136184	1.86	ng/ul	95
29) Benzo(g,h,i)perylene	28.72	276	132283	2.14	ng/ul	95

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

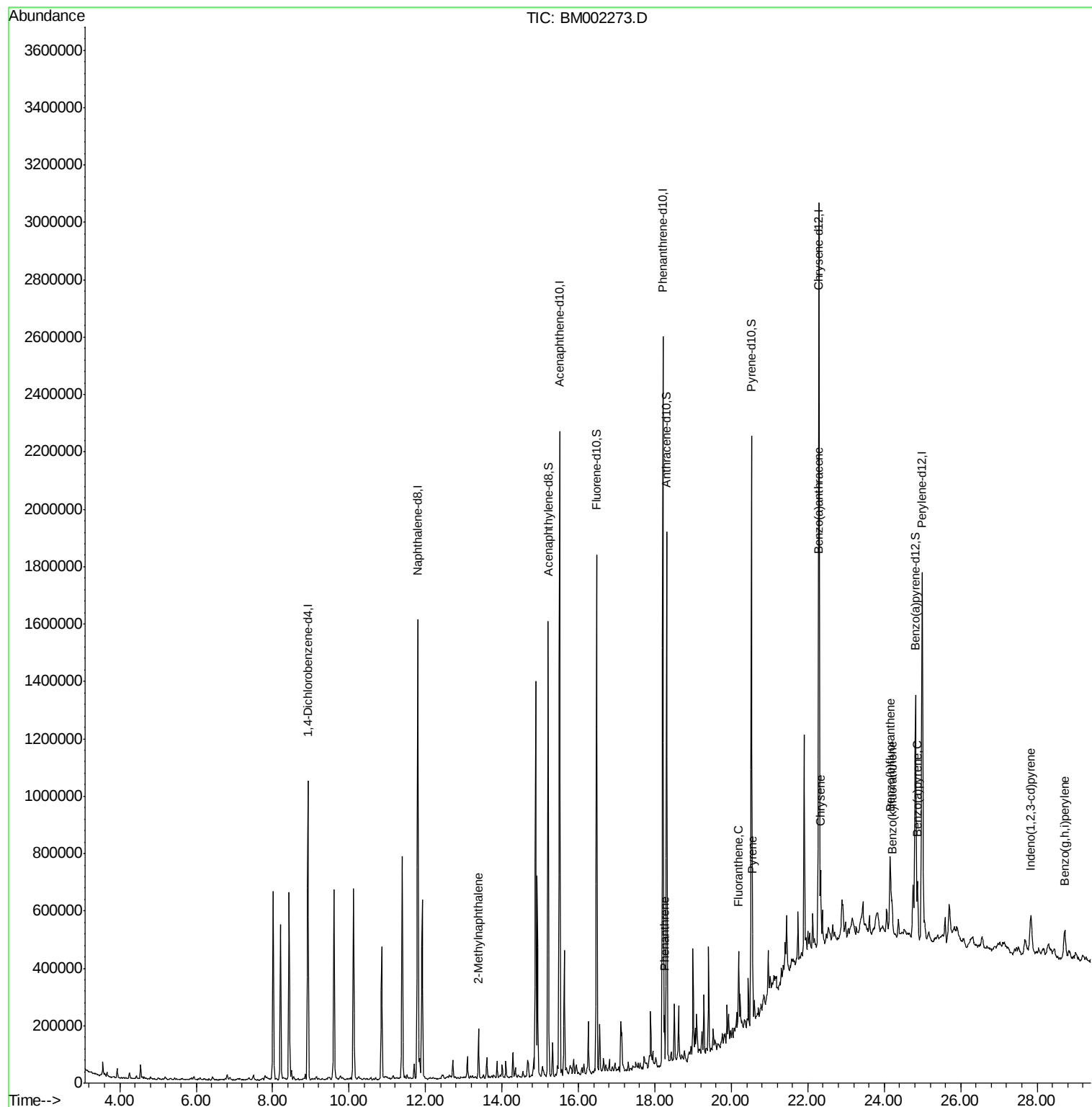
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
Data File : BM002273.D
Acq On : 08 Aug 2015 12:46
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Sample : G3161-03
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ALS Vial : 24 Sample Multiplier: 1

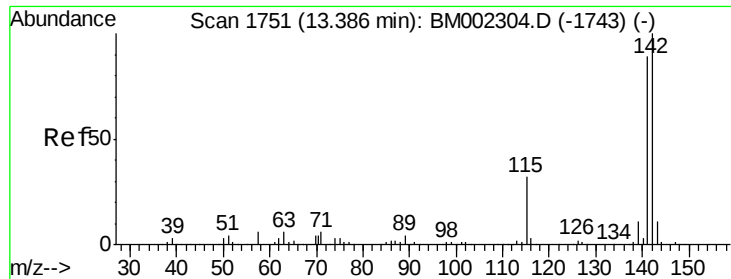
Instrument :
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Quant Time: Aug 09 06:00:49 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 09 05:31:20 2015
Response via : Initial Calibration





#4

2-Methylnaphthalene

Concen: 1.56 ng/ul

RT: 13.39 min Scan# 1751

Delta R.T. -0.00 min

Lab File: BM002273.D

Acq: 08 Aug 2015 12:46

Instrument :

BNA_M

ClientSampleId :

D9C50

Tgt Ion:142 Resp: 82659

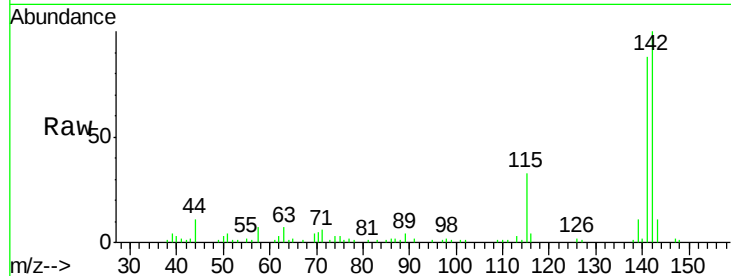
Ion Ratio Lower Upper

142 100

141 88.1 72.5 108.7

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

13.39

60000

50000

40000

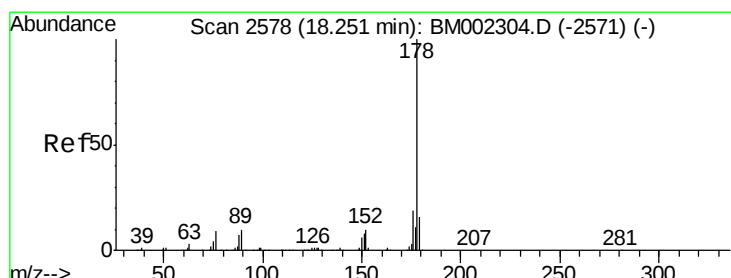
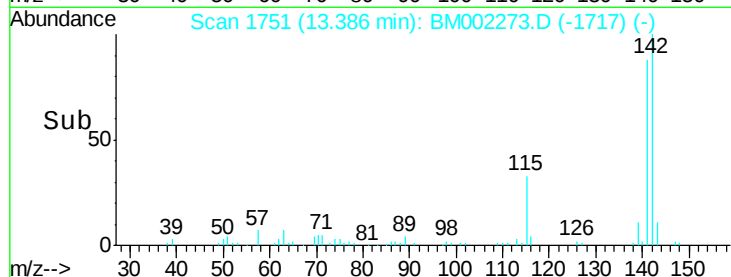
30000

20000

10000

0

Time-->



#13

Phenanthrene

Concen: 1.14 ng/ul

RT: 18.25 min Scan# 2578

Delta R.T. -0.00 min

Lab File: BM002273.D

Acq: 08 Aug 2015 12:46

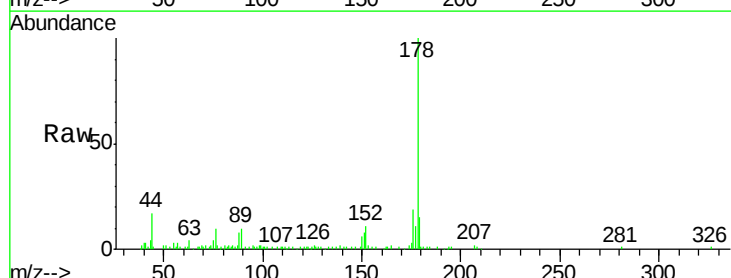
Tgt Ion:178 Resp: 97169

Ion Ratio Lower Upper

178 100

179 14.8 12.3 18.5

176 18.7 15.3 22.9



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

18.25

80000

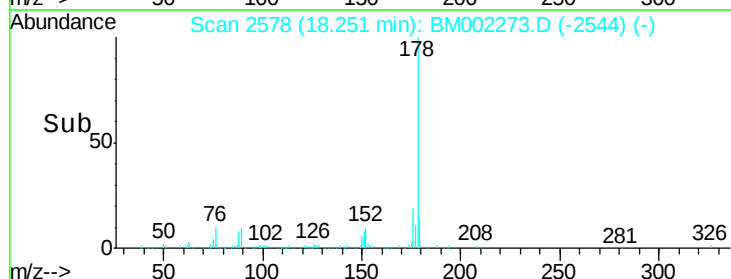
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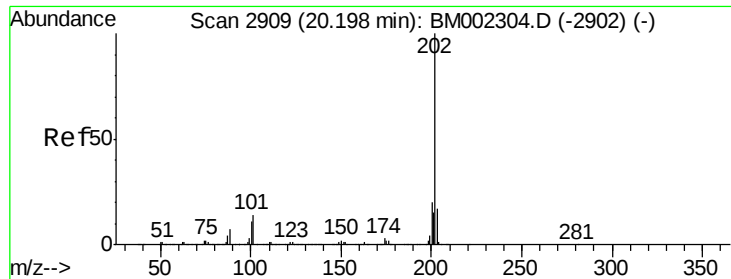
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Time-->





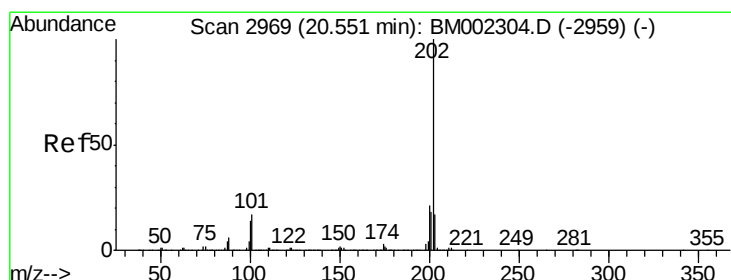
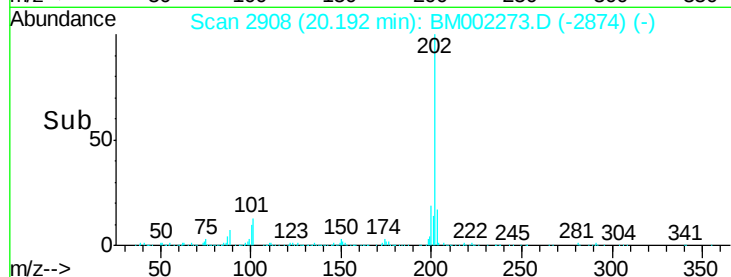
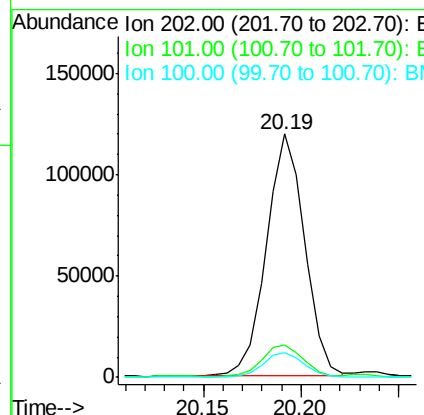
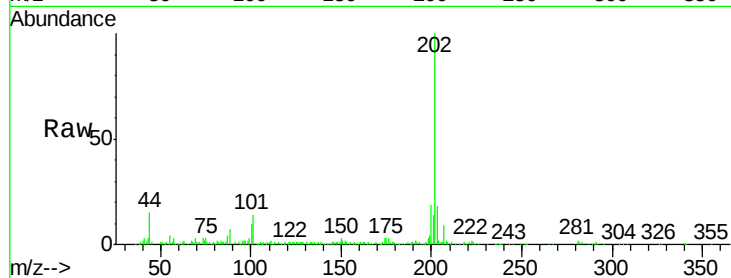
#16
Fluoranthene
Concen: 1.73 ng/ul
RT: 20.19 min Scan# 2908
Delta R.T. -0.00 min
Lab File: BM002273.D
Acq: 08 Aug 2015 12:46

Instrument :
BNA_M
ClientSampleId :
D9C50

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	162351		
101	13.5	10.6	15.8	
100	10.2	8.2	12.4	

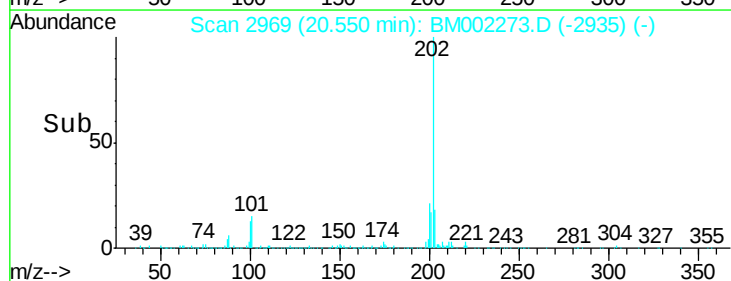
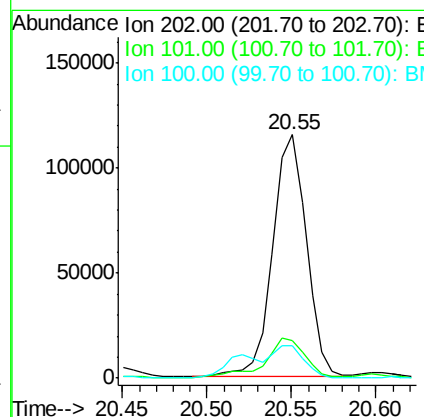
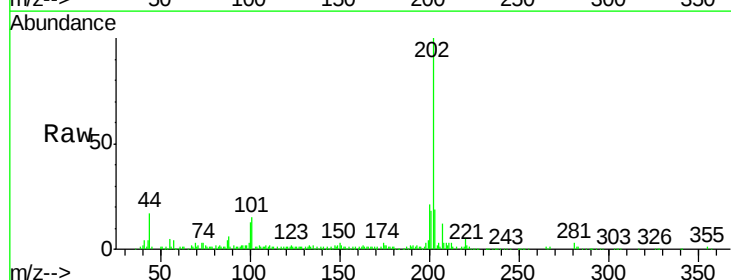
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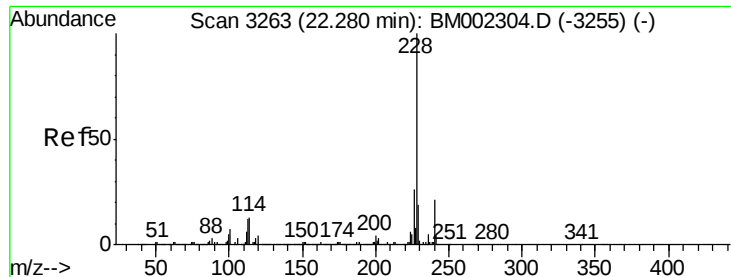
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#19
Pyrene
Concen: 1.92 ng/ul
RT: 20.55 min Scan# 2969
Delta R.T. -0.00 min
Lab File: BM002273.D
Acq: 08 Aug 2015 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	159412		
101	15.5	13.0	19.6	
100	13.1	11.0	16.4	





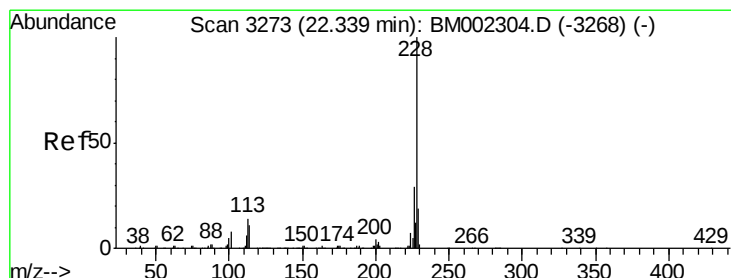
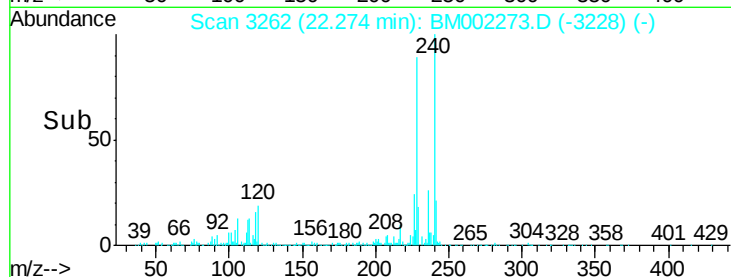
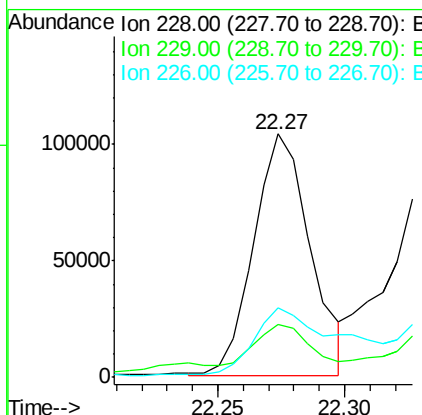
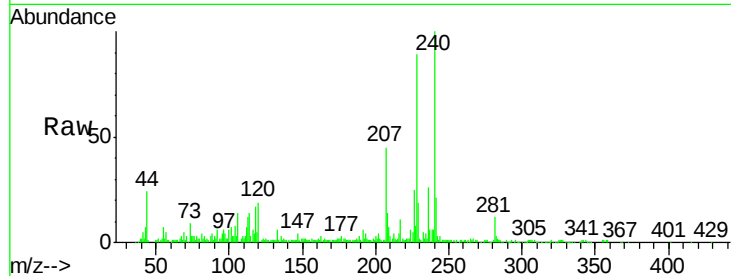
#20
Benzo(a)anthracene
Concen: 2.07 ng/ul
RT: 22.27 min Scan# 3262
Delta R.T. -0.00 min
Lab File: BM002273.D
Acq: 08 Aug 2015 12:46

Instrument :
BNA_M
ClientSampleId :
D9C50

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	162097		
229	21.5	15.7	23.5	
226	28.3	21.4	32.0	

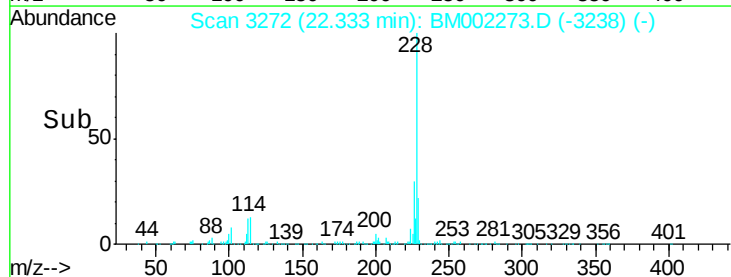
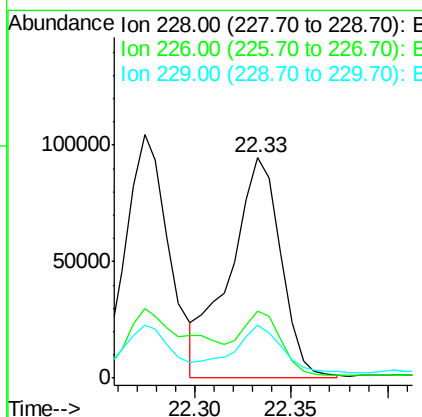
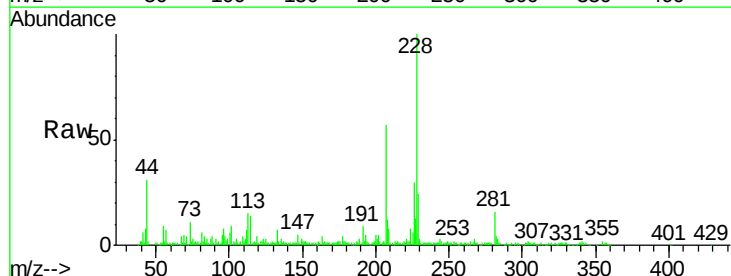
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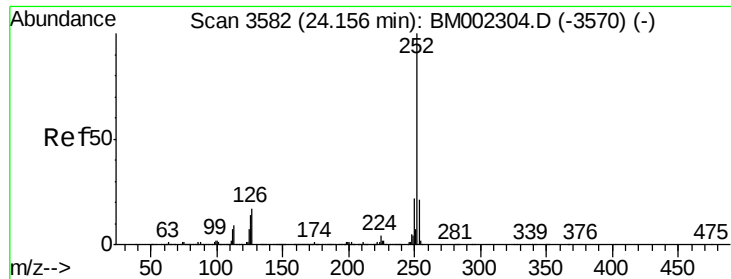
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#21
Chrysene
Concen: 2.35 ng/ul m
RT: 22.33 min Scan# 3272
Delta R.T. -0.00 min
Lab File: BM002273.D
Acq: 08 Aug 2015 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	174326		
226	30.3	23.4	35.0	
229	23.8	15.5	23.3#	





#23

Benzo(b)fluoranthene

Concen: 4.03 ng/ul

RT: 24.16 min Scan# 3582

Delta R.T. 0.00 min

Lab File: BM002273.D

Acq: 08 Aug 2015 12:46

Instrument :

BNA_M

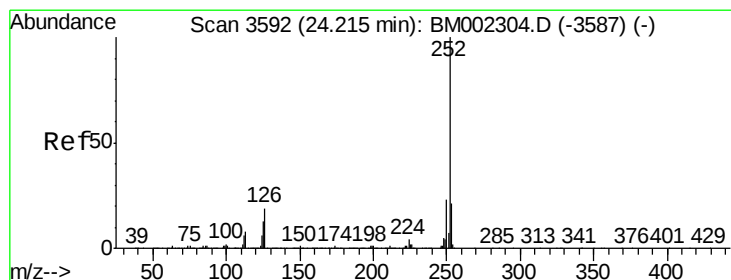
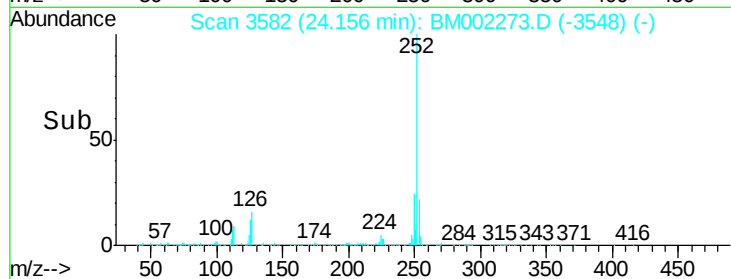
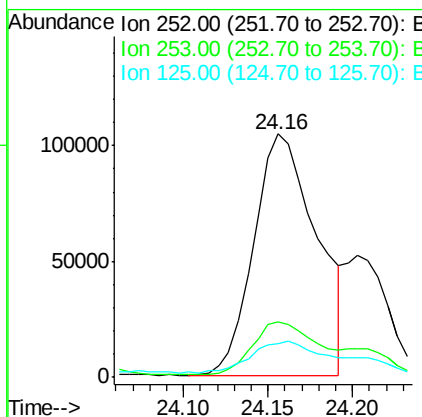
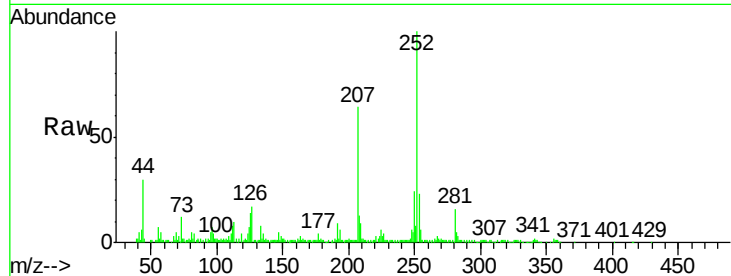
ClientSampleId :

D9C50

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Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	14.0	10.3	15.5



#24

Benzo(k)fluoranthene

Concen: 1.44 ng/ul m

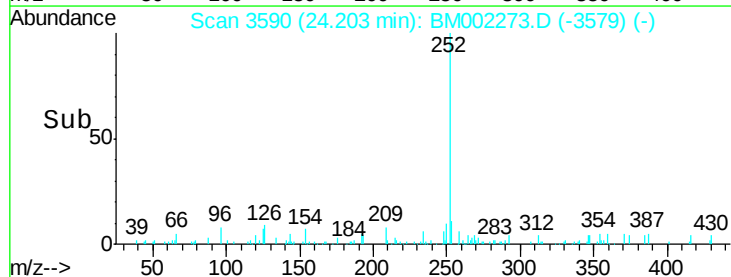
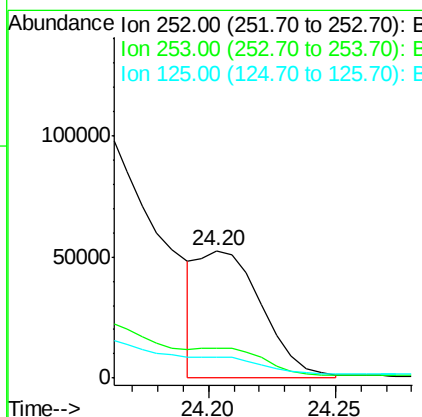
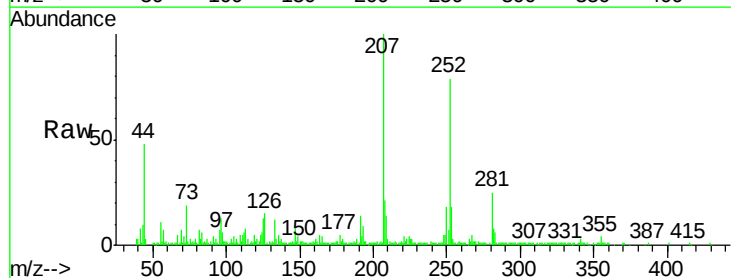
RT: 24.20 min Scan# 3590

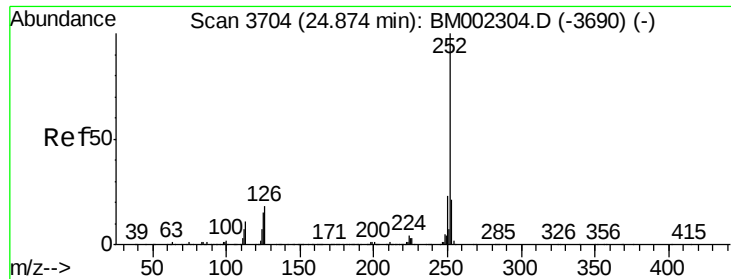
Delta R.T. -0.01 min

Lab File: BM002273.D

Acq: 08 Aug 2015 12:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.3	25.9
125	16.4	10.2	15.4#





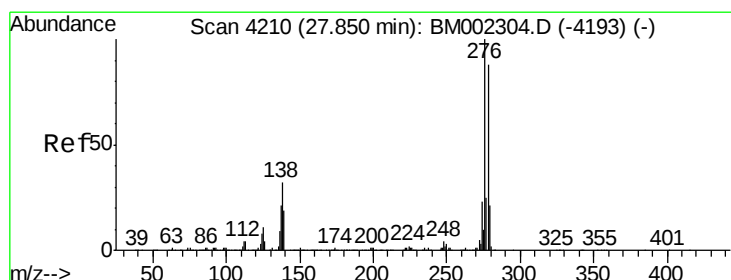
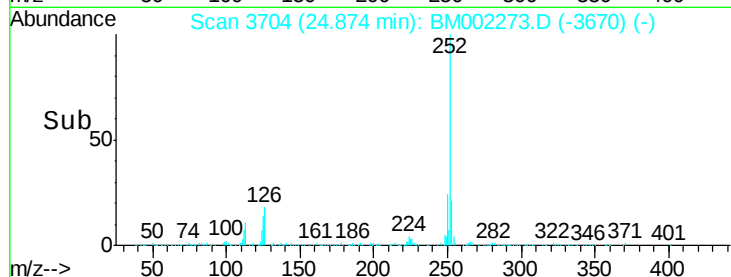
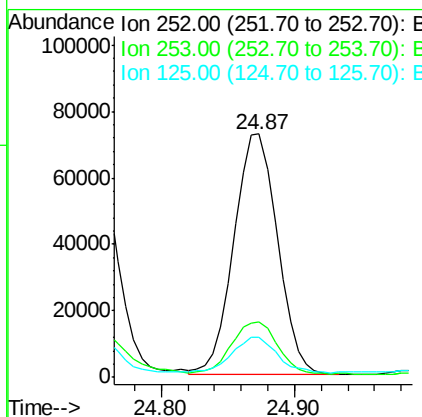
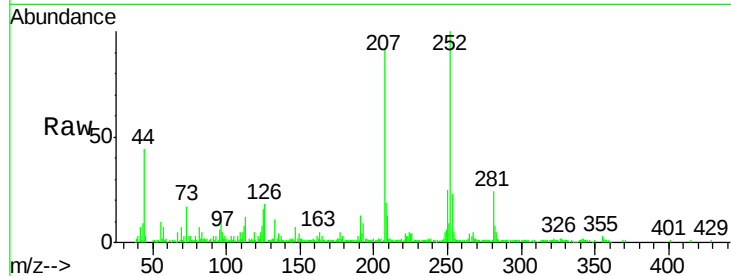
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Benzo(a)pyrene
Concen: 2.57 ng/ul
RT: 24.87 min Scan# 3704
Delta R.T. 0.00 min
Lab File: BM002273.D
Acq: 08 Aug 2015 12:46

Instrument :
BNA_M
ClientSampleId :
D9C50

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.0	17.3	25.9
125	16.3	11.0	16.6

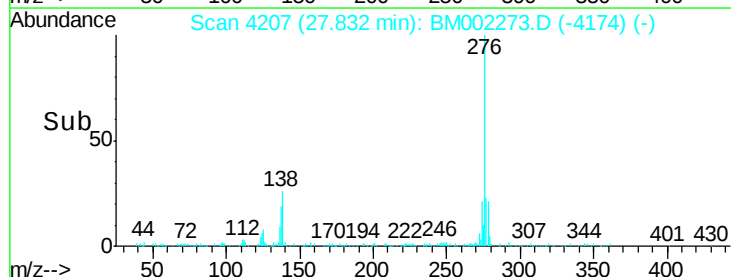
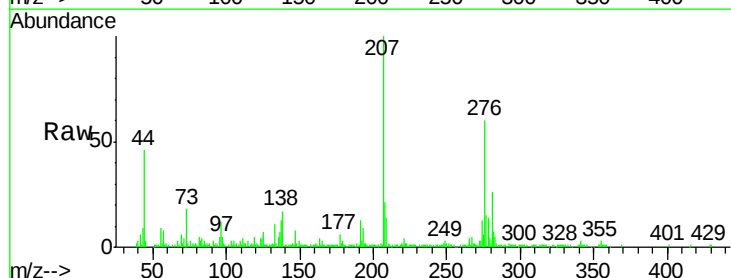
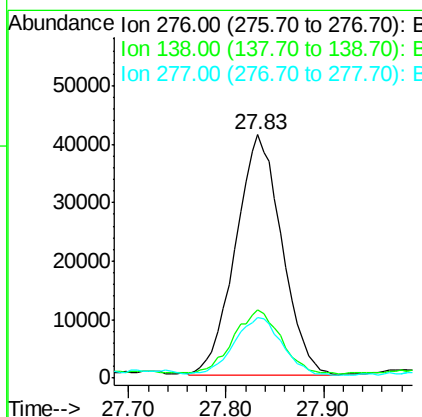
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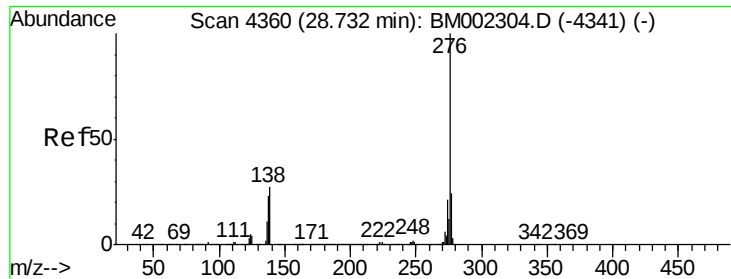
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#27
Indeno(1,2,3-cd)pyrene
Concen: 1.86 ng/ul
RT: 27.83 min Scan# 4207
Delta R.T. -0.01 min
Lab File: BM002273.D
Acq: 08 Aug 2015 12:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	27.9	25.6	38.4
277	24.7	21.0	31.4





#29

Benzo(g,h,i)perylene

Concen: 2.14 ng/ul

RT: 28.72 min Scan# 4358

Delta R.T. -0.00 min

Lab File: BM002273.D

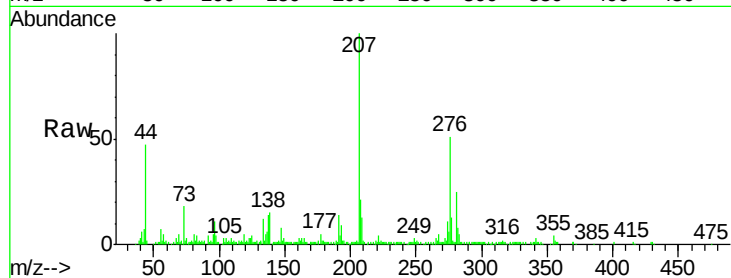
Acq: 08 Aug 2015 12:46

Instrument :

BNA_M

ClientSampleId :

D9C50



Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.2	20.5	30.7
277	24.8	19.0	28.6

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