

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081215\
 Data File : BM002360.D
 Acq On : 12 Aug 2015 14:35
 Operator : UM/IZ
 Sample : G3163-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C93

Manual Integrations
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 8/13/2015 10:57:02 AM

Quant Time: Aug 12 18:04:48 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 12 04:50:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	205685	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	920900	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	514070	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.19	188	967228	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	664910	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	639511	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	15.19	160	1270475	23.86	ng/ul	0.00
10) Fluorene-d10	16.46	176	816470	22.04	ng/ul	0.00
14) Anthracene-d10	18.29	188	1062185	22.63	ng/ul	0.00
18) Pyrene-d10	20.51	212	859329	26.65	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.81	264	745798	21.96	ng/ul	0.02
Target Compounds						
					Ovalue	
3) Naphthalene	11.83	128	52522	1.08	ng/ul	99
4) 2-Methylnaphthalene	13.37	142	40164	1.16	ng/ul	99
13) Phenanthrene	18.24	178	391563	7.03	ng/ul	100
15) Anthracene	18.33	178	73209	1.27	ng/ul	99
16) Fluoranthene	20.19	202	630587	10.23	ng/ul	98
19) Pyrene	20.54	202	483247	11.24	ng/ul	99
20) Benzo(a)anthracene	22.27	228	261346	6.44	ng/ul	97
21) Chrysene	22.33	228	265959m	6.91	ng/ul	
23) Benzo(b)fluoranthene	24.15	252	398306	10.02	ng/ul#	95
24) Benzo(k)fluoranthene	24.20	252	116344m	3.05	ng/ul	
26) Benzo(a)pyrene	24.86	252	243956	6.41	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	27.83	276	217098	4.98	ng/ul	97
28) Dibenzo(a,h)anthracene	27.83	278	58875	1.59	ng/ul#	77
29) Benzo(a,h,i)perylene	28.71	276	230785	6.27	ng/ul	95

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

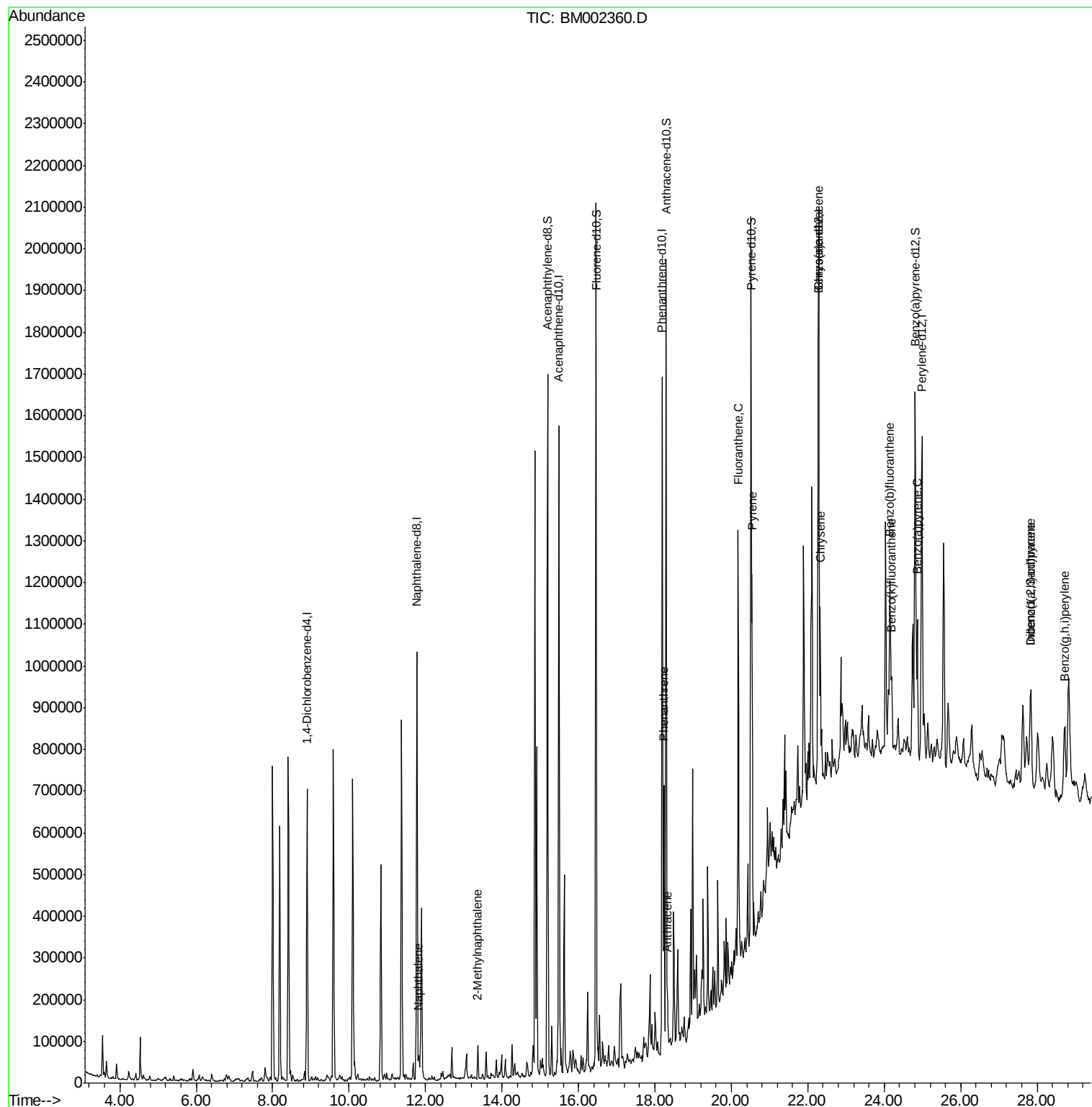
Data Path : Z:\HPCHEM1\BNA M\DATA\BM081215\
Data File : BM002360.D
Acq On : 12 Aug 2015 14:35
Operator : UM/IZ
Sample : G3163-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

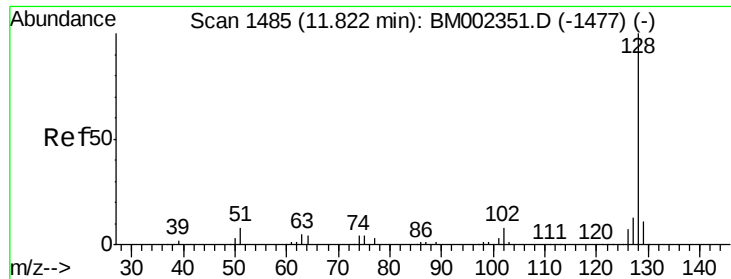
Instrument :
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Quant Time: Aug 12 18:04:48 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 12 04:50:31 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.08 ng/ul

RT: 11.83 min Scan# 1486

Delta R.T. 0.01 min

Lab File: BM002360.D

Acq: 12 Aug 2015 14:35

Instrument :

BNA_M

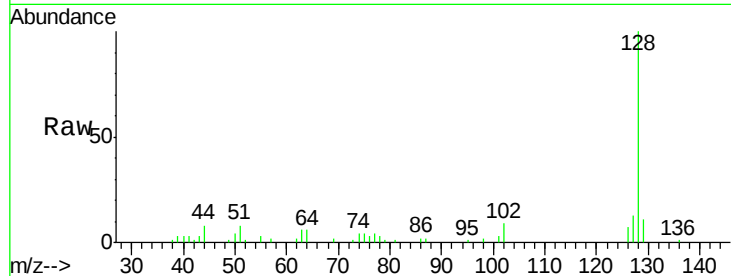
ClientSampleId :

D9C93

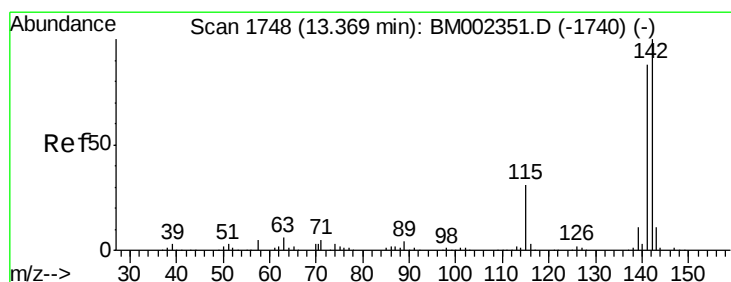
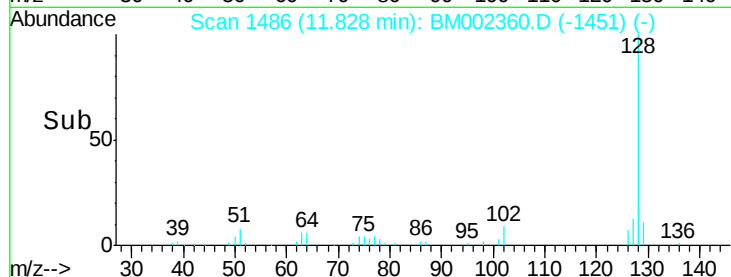
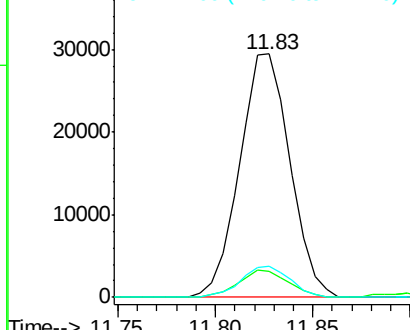
Tot Ion:	128	Resp:	52522
Ion Ratio	Lower	Upper	
128	100		
129	10.6	8.6	12.8
127	12.6	10.4	15.6

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#4

2-Methylnaphthalene

Concen: 1.16 ng/ul

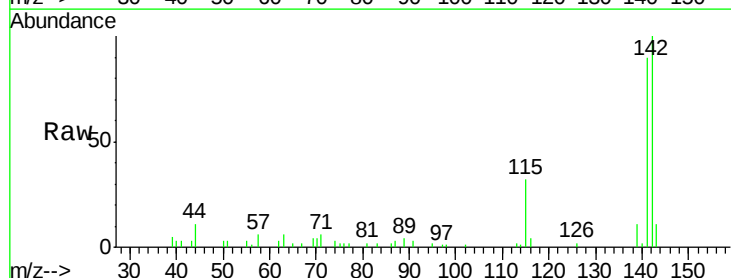
RT: 13.37 min Scan# 1748

Delta R.T. 0.01 min

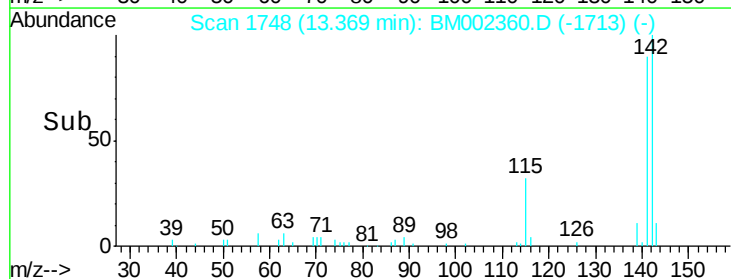
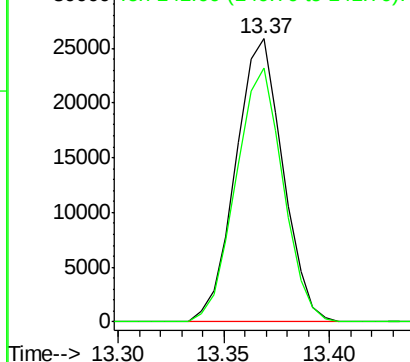
Lab File: BM002360.D

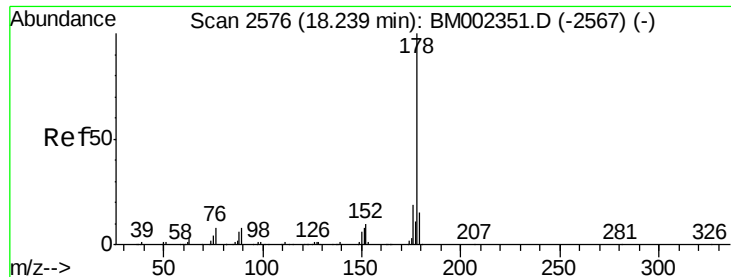
Acq: 12 Aug 2015 14:35

Tgt Ion:	142	Resp:	40164
Ion Ratio	Lower	Upper	
142	100		
141	89.5	72.5	108.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





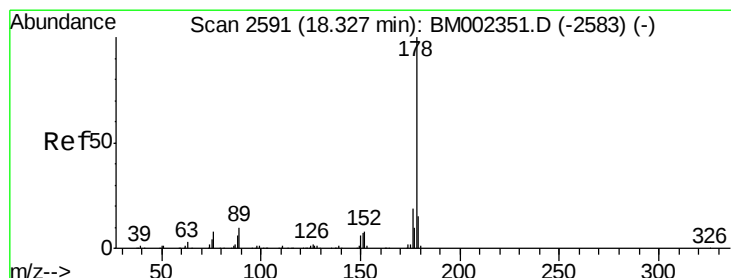
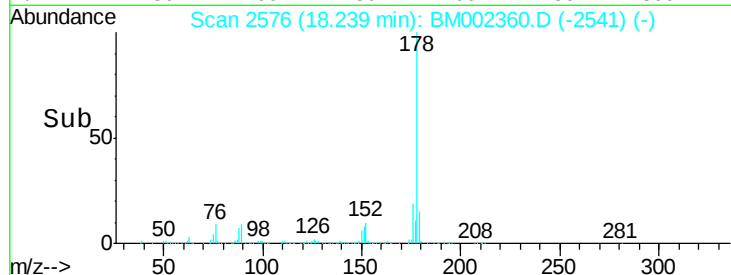
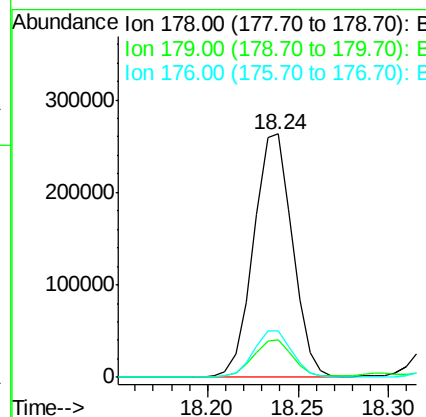
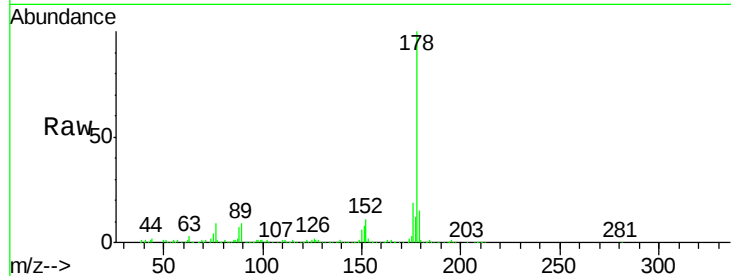
#13
Phenanthrene
Concen: 7.03 ng/ul
RT: 18.24 min Scan# 2576
Delta R.T. 0.01 min
Lab File: BM002360.D
Acq: 12 Aug 2015 14:35

Instrument :
BNA_M
ClientSampleId :
D9C93

Tot Ion	Ratio	Resp	Lower	Upper
178	100	391563		
179	15.3		12.3	18.5
176	19.0		15.3	22.9

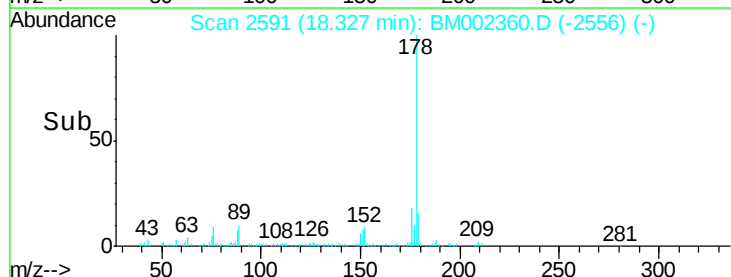
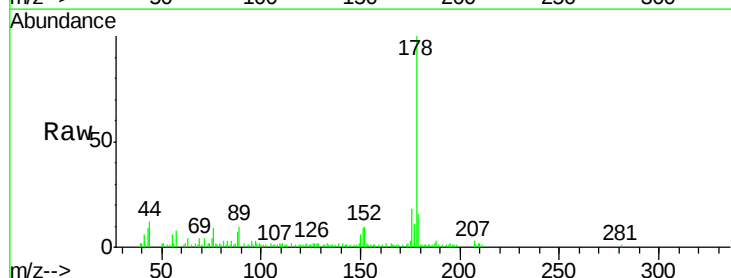
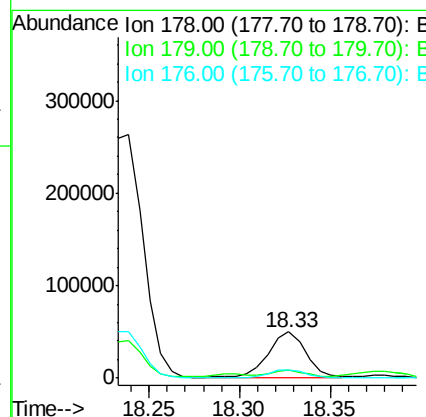
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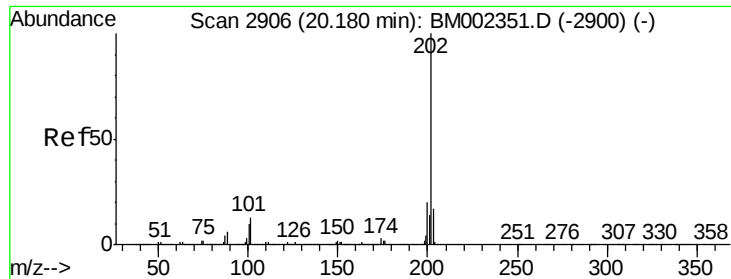
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#15
Anthracene
Concen: 1.27 ng/ul
RT: 18.33 min Scan# 2591
Delta R.T. 0.01 min
Lab File: BM002360.D
Acq: 12 Aug 2015 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	73209		
179	16.2		12.3	18.5
176	18.1		14.5	21.7





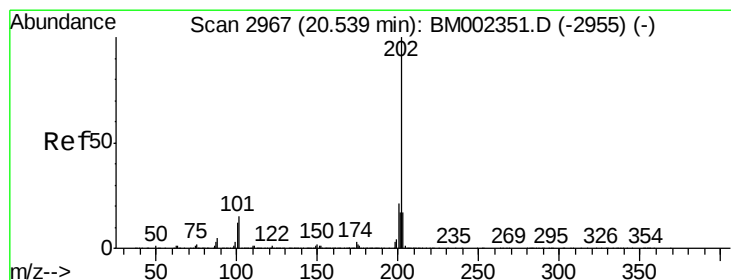
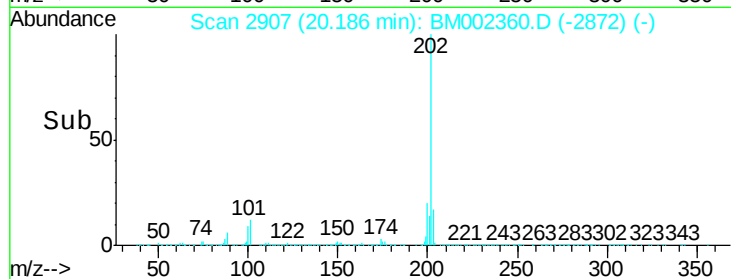
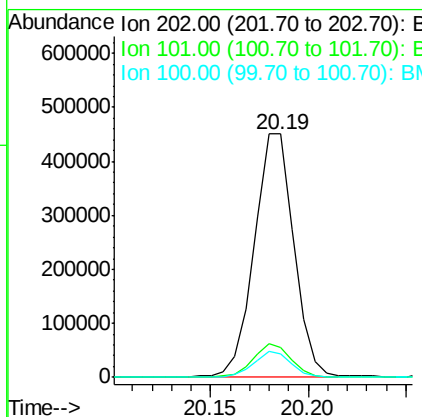
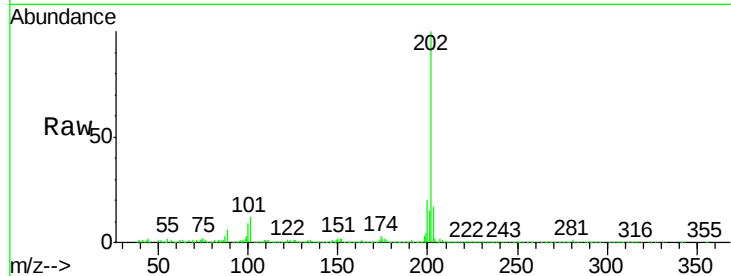
#16
 Fluoranthene
 Concen: 10.23 ng/ul
 RT: 20.19 min Scan# 2907
 Delta R.T. 0.01 min
 Lab File: BM002360.D
 Acq: 12 Aug 2015 14:35

Instrument :
 BNA_M
 ClientSampleId :
 D9C93

Tot Ion	Ratio	Resp	Lower	Upper
202	100	630587		
101	12.4		10.6	15.8
100	9.4		8.2	12.4

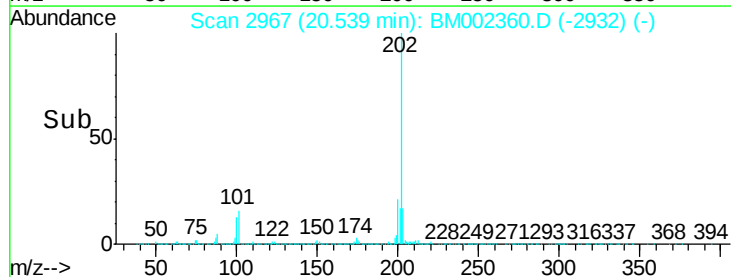
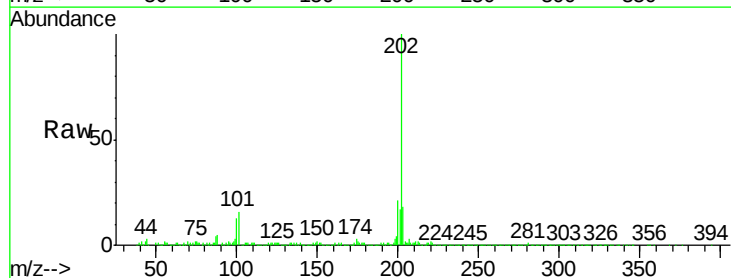
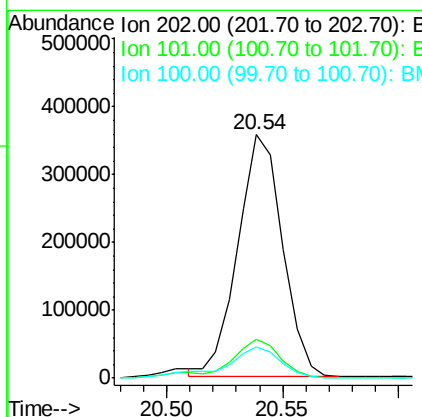
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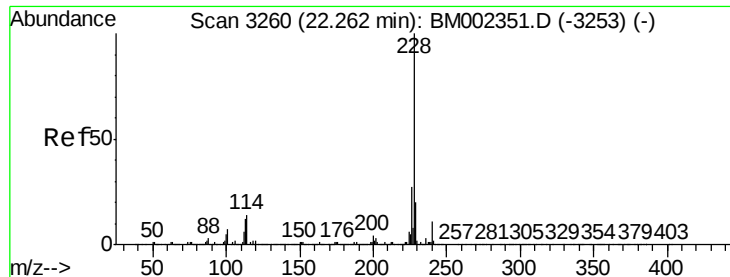
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#19
 Pyrene
 Concen: 11.24 ng/ul
 RT: 20.54 min Scan# 2967
 Delta R.T. 0.01 min
 Lab File: BM002360.D
 Acq: 12 Aug 2015 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	483247		
101	16.0		13.0	19.6
100	12.8		11.0	16.4





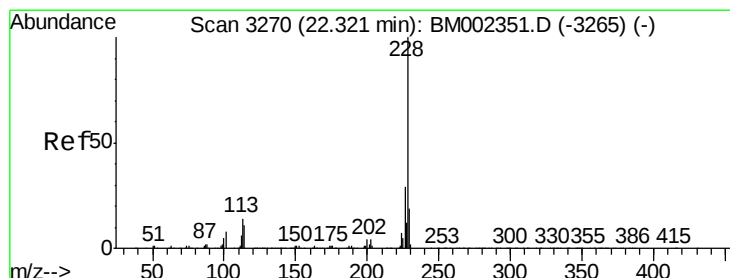
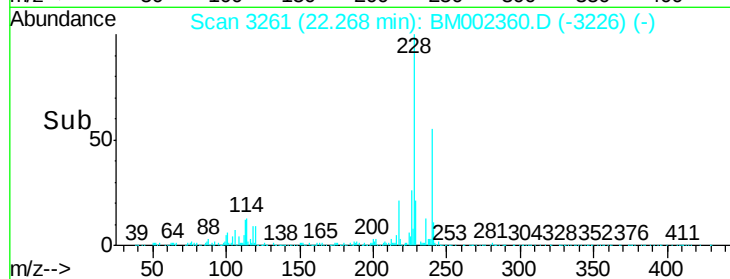
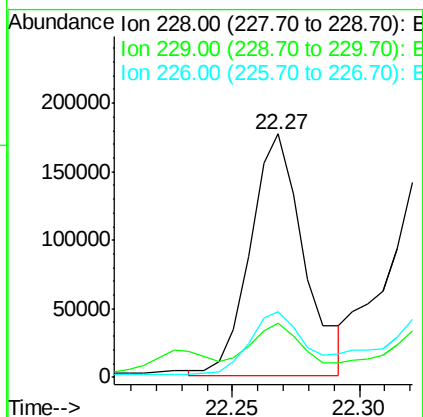
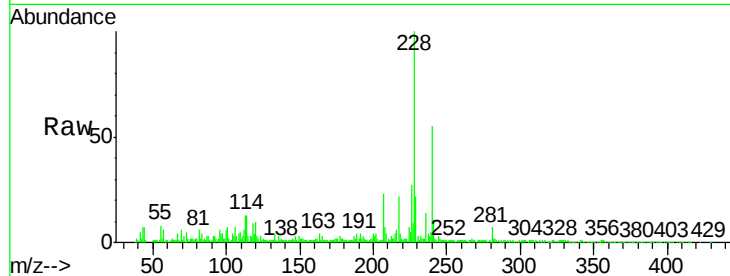
#20
Benzo(a)anthracene
Concen: 6.44 ng/ul
RT: 22.27 min Scan# 3261
Delta R.T. 0.01 min
Lab File: BM002360.D
Acq: 12 Aug 2015 14:35

Instrument :
BNA_M
ClientSampleId :
D9C93

Tot Ion	Ratio	Resp	Lower	Upper
228	100	261346		
229	22.3	15.7	23.5	
226	27.0	21.4	32.0	

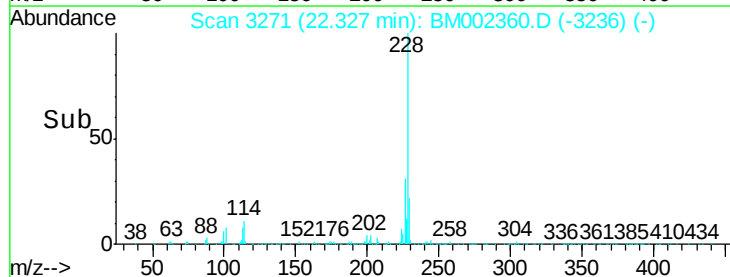
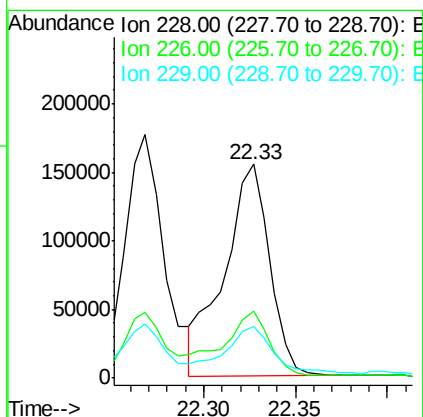
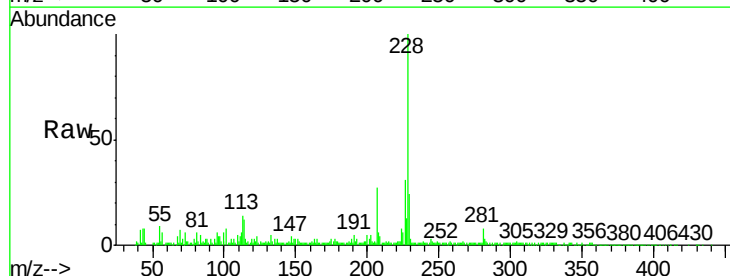
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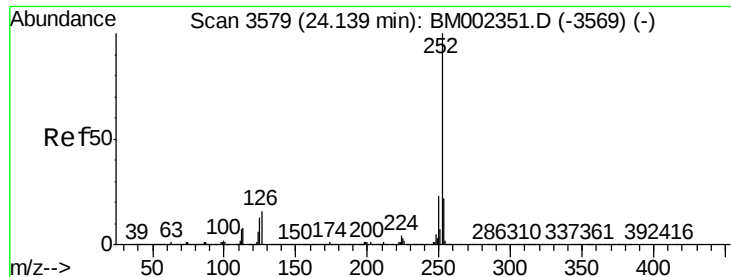
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#21
Chrysene
Concen: 6.91 ng/ul m
RT: 22.33 min Scan# 3271
Delta R.T. 0.01 min
Lab File: BM002360.D
Acq: 12 Aug 2015 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	265959		
226	31.3	23.4	35.0	
229	23.9	15.5	23.3#	





#23

Benzo(b)fluoranthene

Concen: 10.02 ng/ul

RT: 24.15 min Scan# 3581

Delta R.T. 0.01 min

Lab File: BM002360.D

Acq: 12 Aug 2015 14:35

Instrument :

BNA_M

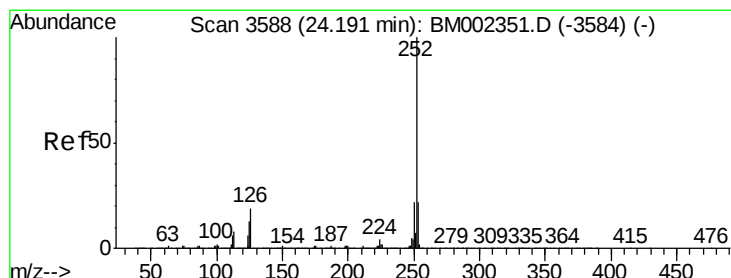
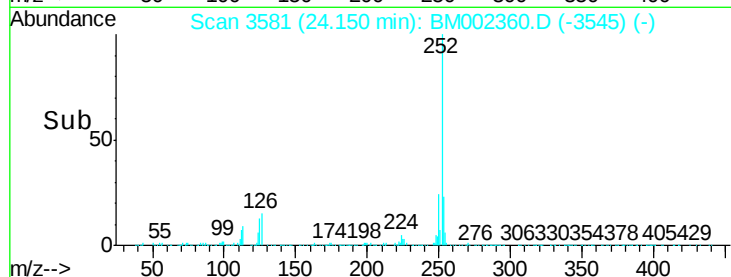
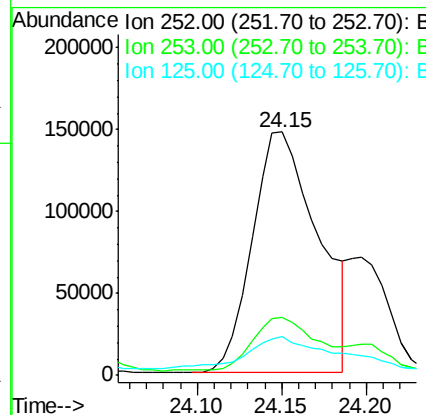
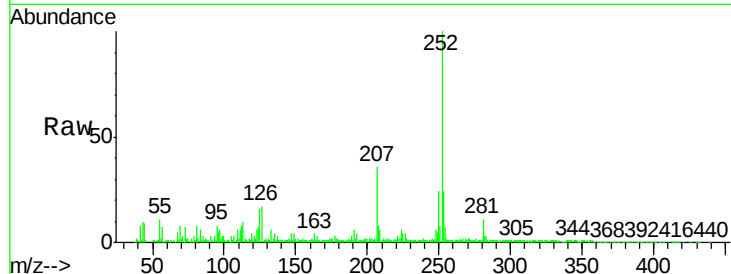
ClientSampleId :

D9C93

Tot Ion	Ratio	Resp	Lower	Upper
252	100	398306		
253	23.8	17.9	26.9	
125	15.7	10.3	15.5	

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#24

Benzo(k)fluoranthene

Concen: 3.05 ng/ul m

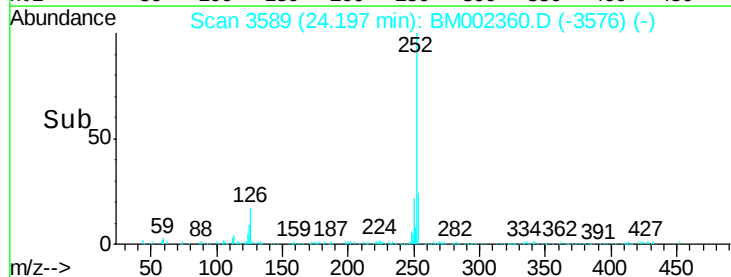
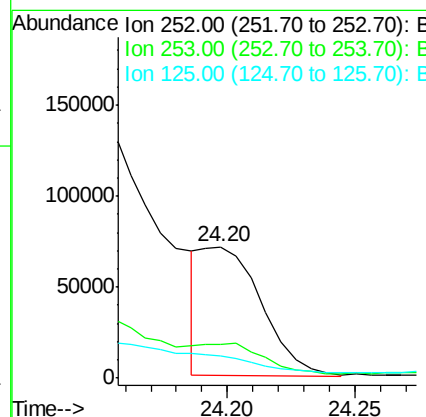
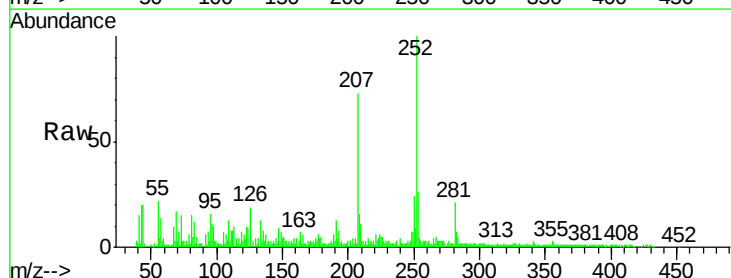
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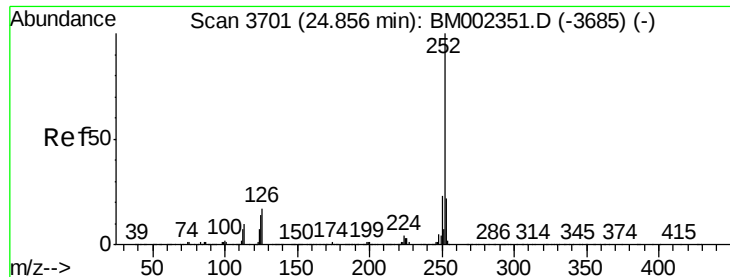
Delta R.T. 0.01 min

Lab File: BM002360.D

Acq: 12 Aug 2015 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	116344		
253	26.1	17.3	25.9	
125	17.0	10.2	15.4	





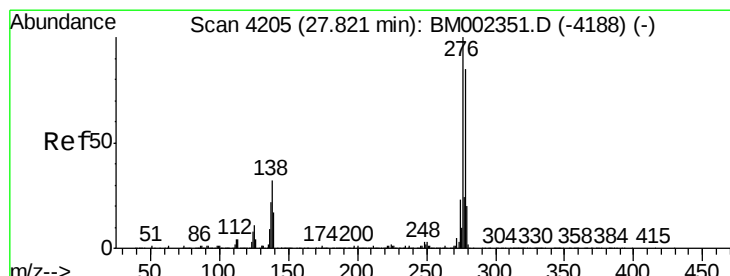
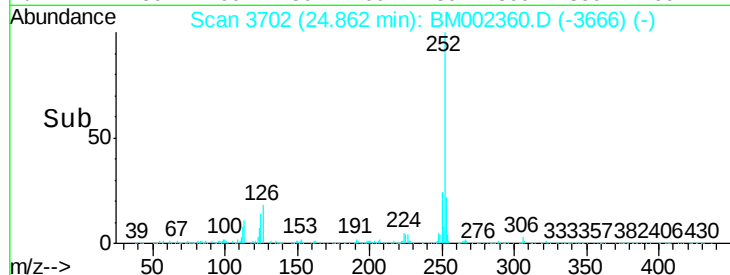
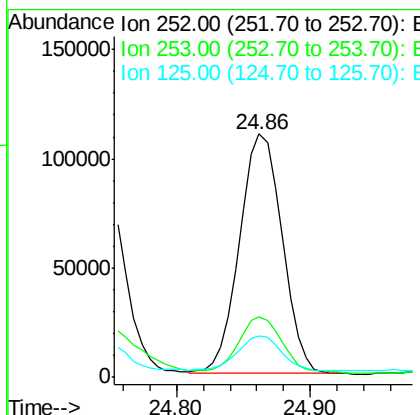
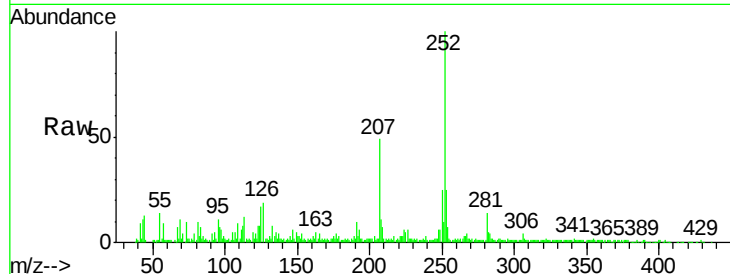
#26
Benzo(a)pyrene
Concen: 6.41 ng/ul
RT: 24.86 min Scan# 3702
Delta R.T. 0.01 min
Lab File: BM002360.D
Acq: 12 Aug 2015 14:35

Instrument :
BNA_M
ClientSampleID :
D9C93

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.7	17.3	25.9
125	16.9	11.0	16.6

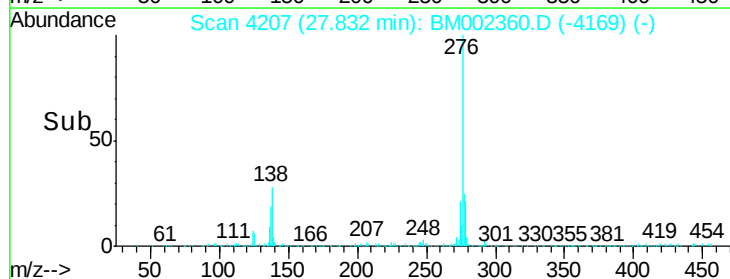
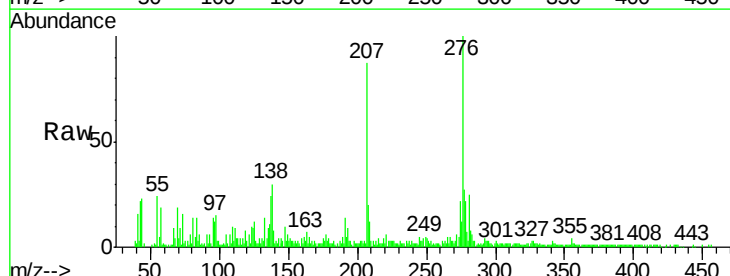
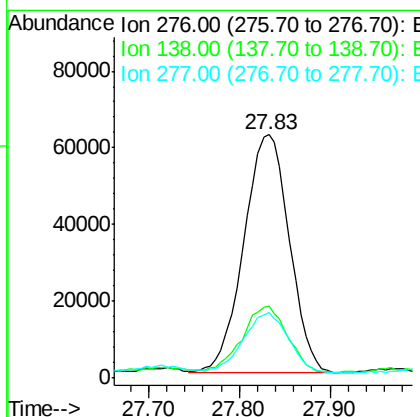
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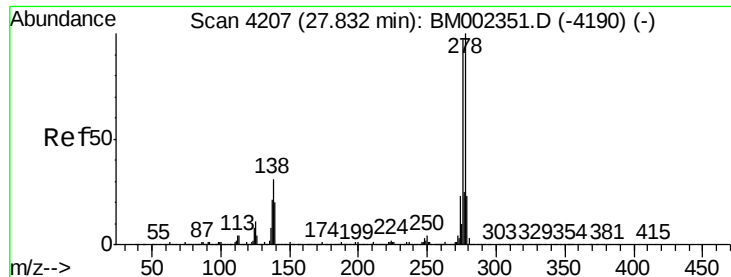
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#27
Indeno(1,2,3-cd)pyrene
Concen: 4.98 ng/ul
RT: 27.83 min Scan# 4207
Delta R.T. 0.02 min
Lab File: BM002360.D
Acq: 12 Aug 2015 14:35

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	29.7	25.6	38.4
277	27.2	21.0	31.4





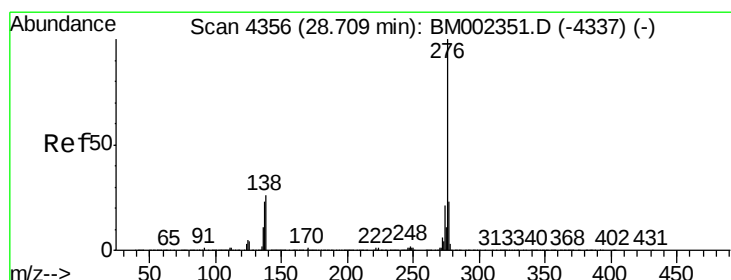
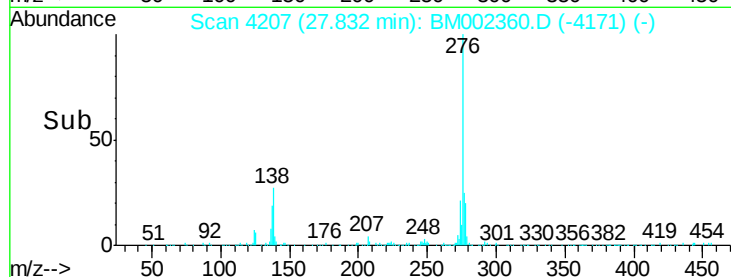
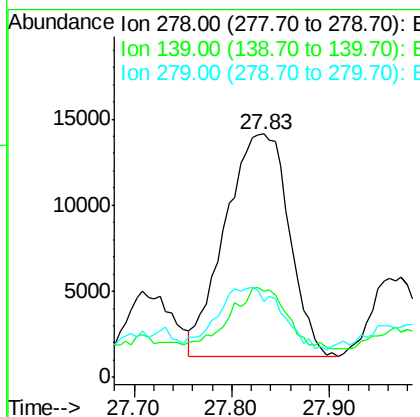
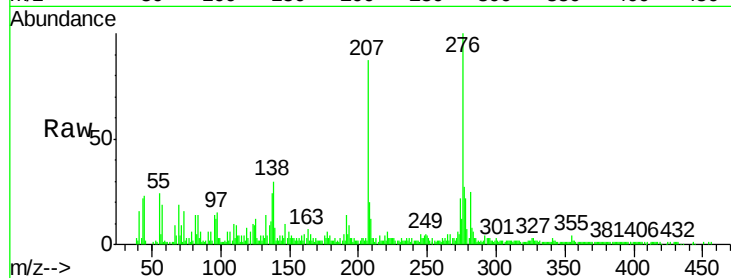
#28
Dibenzo(a,h)anthracene
Concen: 1.59 ng/ul
RT: 27.83 min Scan# 4207
Delta R.T. 0.01 min
Lab File: BM002360.D
Acq: 12 Aug 2015 14:35

Instrument :
BNA_M
ClientSampleId :
D9C93

Tot Ion	Ratio	Lower	Upper
278	100		
139	35.2	16.4	24.6#
279	31.3	18.8	28.2#

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#29
Benzo(g,h,i)perylene
Concen: 6.27 ng/ul
RT: 28.71 min Scan# 4357
Delta R.T. 0.02 min
Lab File: BM002360.D
Acq: 12 Aug 2015 14:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.2	20.5	30.7
277	25.8	19.0	28.6

