

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081715\
 Data File : BM002450.D
 Acq On : 17 Aug 2015 14:20
 Operator : UM/IZ
 Sample : G3227-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9DC2

Manual Integrations
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 8/18/2015 5:15:21 PM

Quant Time: Aug 18 02:19:13 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 18 01:54:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	155085	20.00	ng/ul	0.00
2) Naphthalene-d8	11.75	136	682049	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.45	164	347891	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.16	188	676431	20.00	ng/ul	0.00
17) Chrysene-d12	22.24	240	456229	20.00	ng/ul	0.00
22) Perylene-d12	24.91	264	425399	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.16	160	707204	19.88	ng/ul	0.00
10) Fluorene-d10	16.42	176	470670	18.84	ng/ul	0.00
14) Anthracene-d10	18.26	188	652020	19.98	ng/ul	0.00
18) Pyrene-d10	20.47	212	549335	27.16	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.73	264	423879	18.97	ng/ul	0.00
Target Compounds						
3) Naphthalene	11.79	128	52731	1.51	ng/ul	Qvalue 99
8) Acenaphthylene	15.19	152	44653	1.20	ng/ul	98
13) Phenanthrene	18.20	178	208101	5.33	ng/ul	100
15) Anthracene	18.29	178	117661	2.97	ng/ul	99
16) Fluoranthene	20.14	202	497330	11.25	ng/ul	99
19) Pyrene	20.50	202	426648	15.96	ng/ul	99
20) Benzo(a)anthracene	22.22	228	295281	10.82	ng/ul	98
21) Chrysene	22.28	228	371883	14.57	ng/ul	98
23) Benzo(b)fluoranthene	24.09	252	484744	18.85	ng/ul	98
24) Benzo(k)fluoranthene	24.13	252	159795m	6.56	ng/ul	
26) Benzo(a)pyrene	24.79	252	294744	12.00	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	27.73	276	223422	7.91	ng/ul	93
28) Dibenzo(a,h)anthracene	27.72	278	63055	2.67	ng/ul#	85
29) Benzo(g,h,i)perylene	28.61	276	194070	8.25	ng/ul	99

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

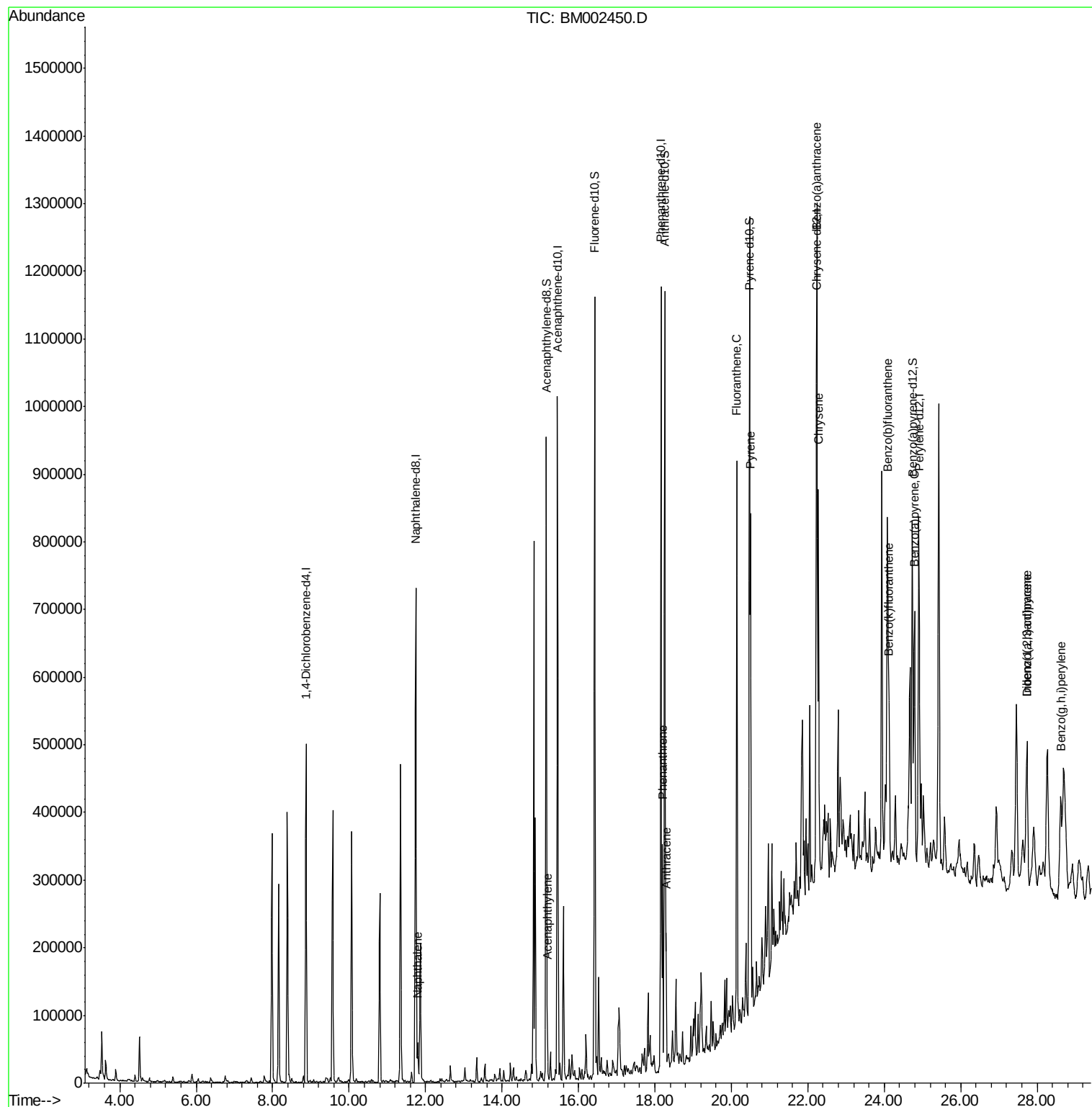
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081715\
Data File : BM002450.D
Acq On : 17 Aug 2015 14:20
Operator : UM/IZ
Sample : G3227-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

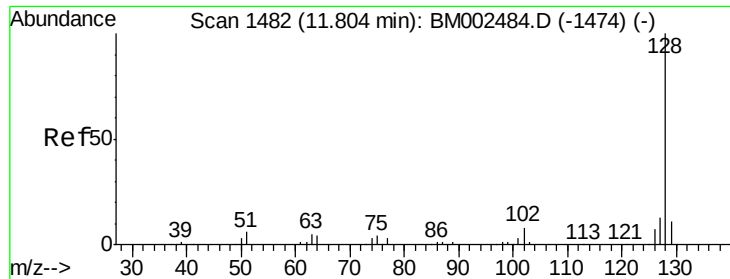
Instrument :
BNA_M
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Quant Time: Aug 18 02:19:13 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 01:54:16 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.51 ng/ul

RT: 11.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BM002450.D

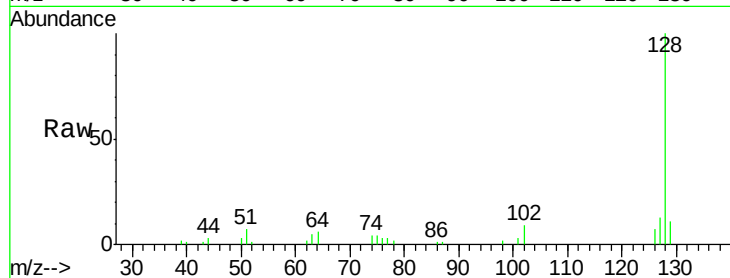
Acq: 17 Aug 2015 14:20

Instrument :

BNA_M

ClientSampleId :

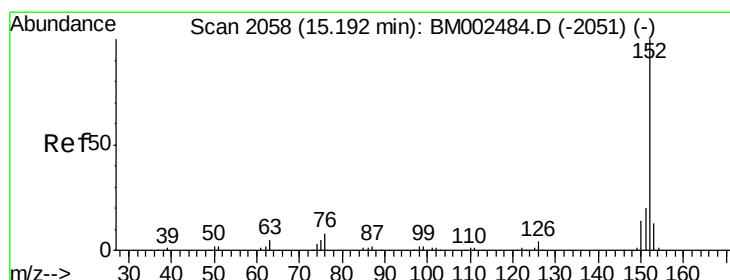
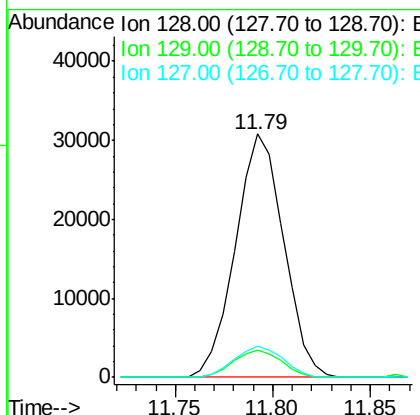
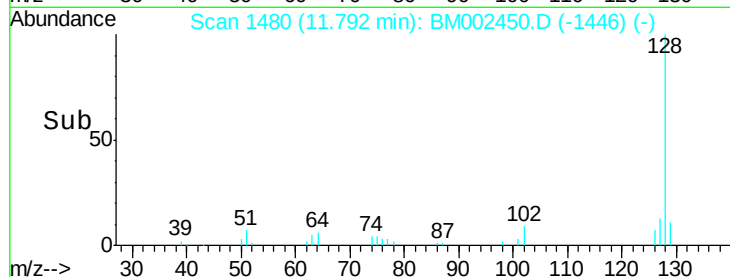
D9DC2



Tgt Ion:	128	Resp:	52731
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.6	12.8
127	12.7	10.4	15.6

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#8

Acenaphthylene

Concen: 1.20 ng/ul

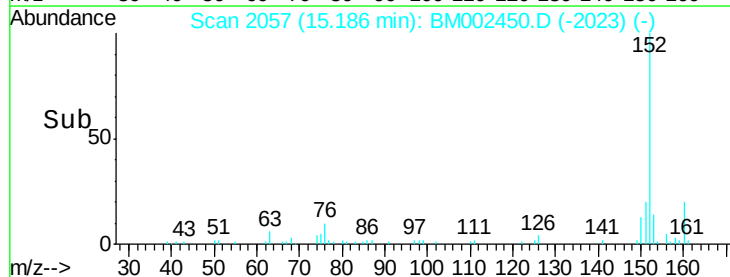
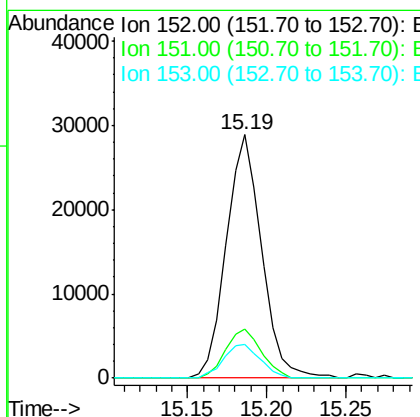
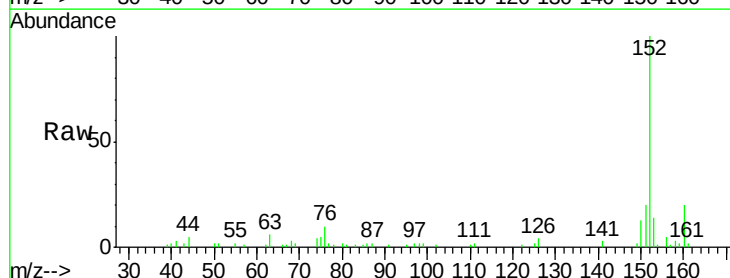
RT: 15.19 min Scan# 2057

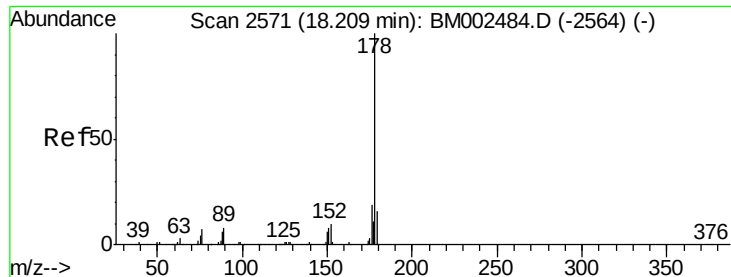
Delta R.T. 0.00 min

Lab File: BM002450.D

Acq: 17 Aug 2015 14:20

Tgt Ion:	152	Resp:	44653
Ion Ratio	Lower	Upper	
152	100		
151	20.4	15.7	23.5
153	13.8	10.2	15.4





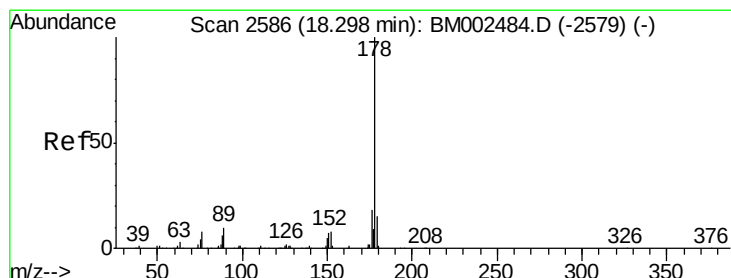
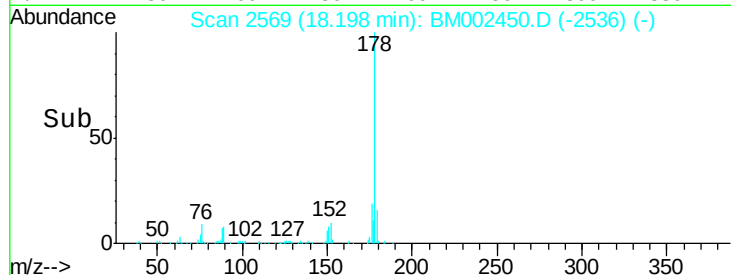
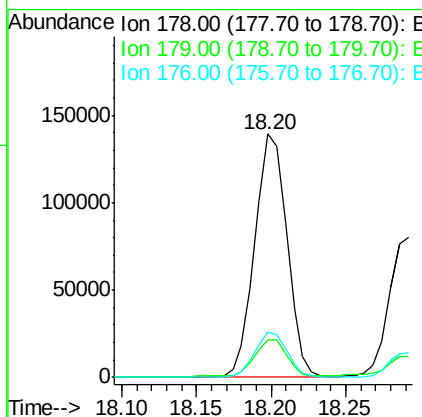
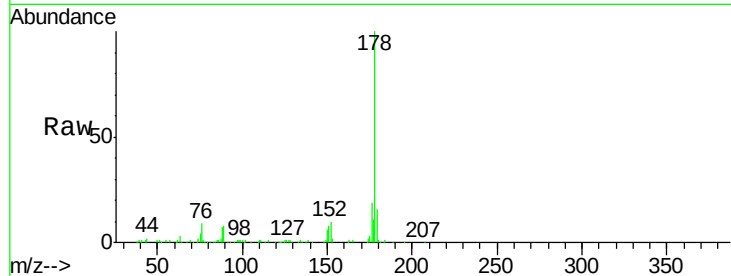
#13
Phenanthrene
Concen: 5.33 ng/ul
RT: 18.20 min Scan# 2569
Delta R.T. -0.01 min
Lab File: BM002450.D
Acq: 17 Aug 2015 14:20

Instrument :
BNA_M
ClientSampleId :
D9DC2

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	18.6	15.1	22.7

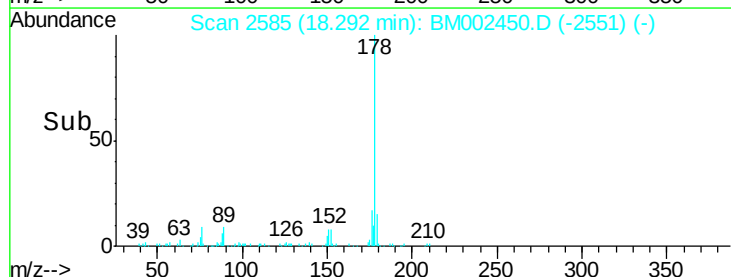
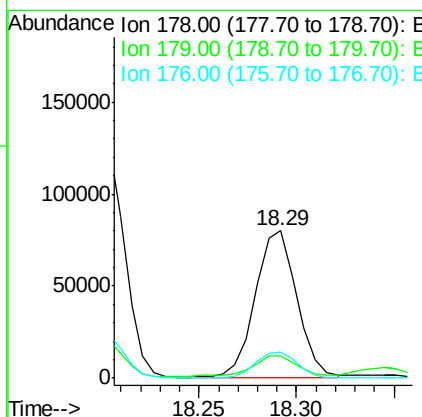
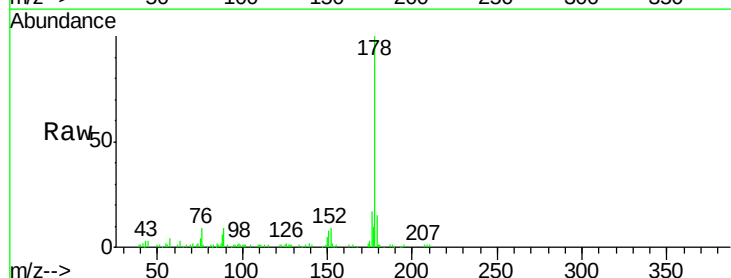
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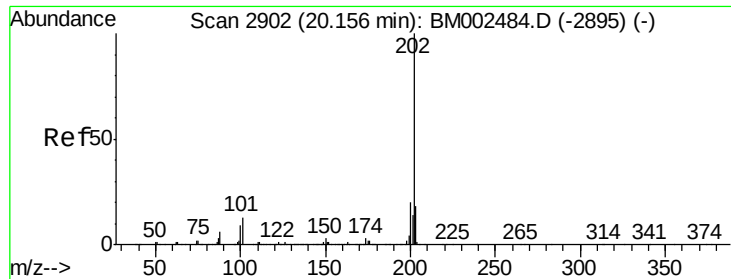
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#15
Anthracene
Concen: 2.97 ng/ul
RT: 18.29 min Scan# 2585
Delta R.T. 0.00 min
Lab File: BM002450.D
Acq: 17 Aug 2015 14:20

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	18.8
176	17.4	14.5	21.7





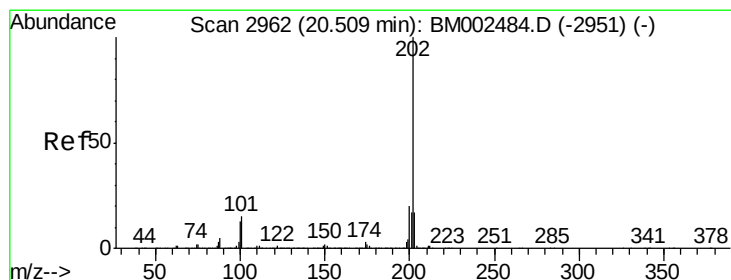
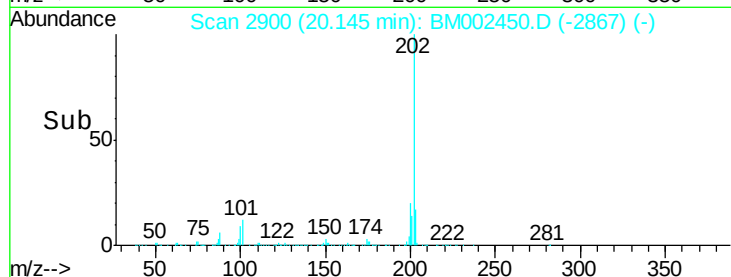
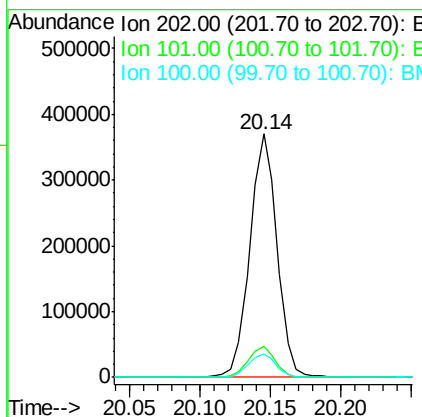
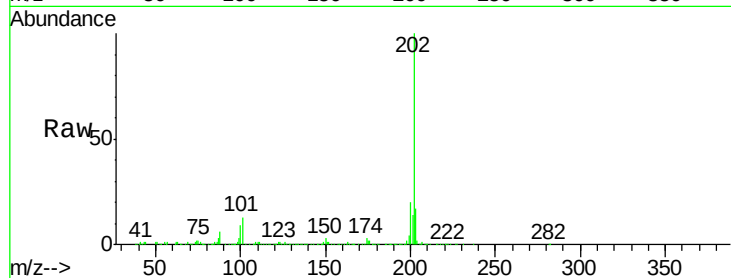
#16
 Fluoranthene
 Concen: 11.25 ng/ul
 RT: 20.14 min Scan# 2900
 Delta R.T. -0.01 min
 Lab File: BM002450.D
 Acq: 17 Aug 2015 14:20

Instrument :
 BNA_M
 ClientSampleId :
 D9DC2

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	497330		
101	12.5	9.7	14.5	
100	9.5	7.4	11.2	

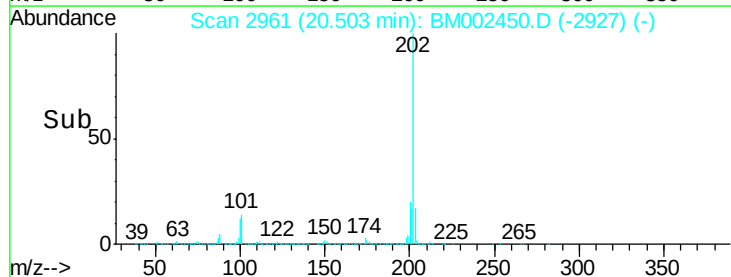
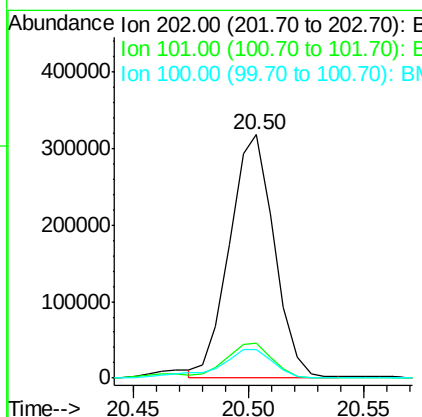
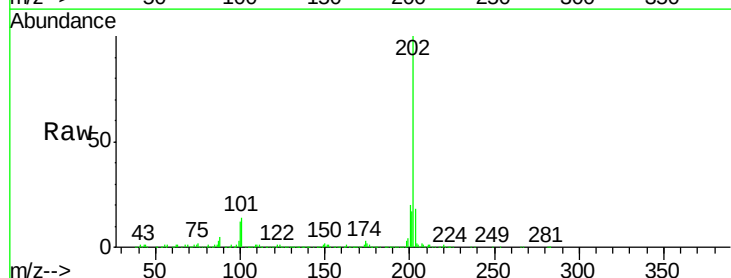
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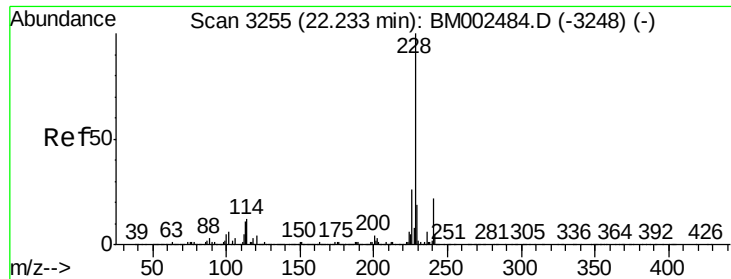
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#19
 Pyrene
 Concen: 15.96 ng/ul
 RT: 20.50 min Scan# 2961
 Delta R.T. 0.00 min
 Lab File: BM002450.D
 Acq: 17 Aug 2015 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	426648		
101	14.3	12.0	18.0	
100	11.8	9.7	14.5	





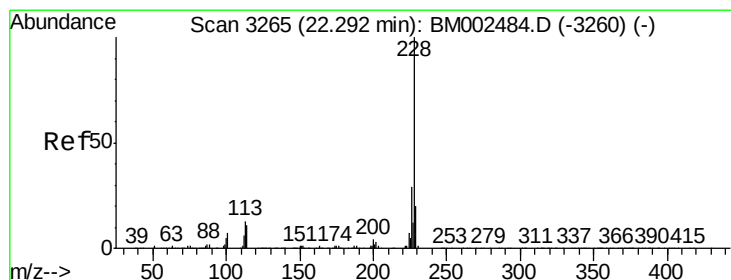
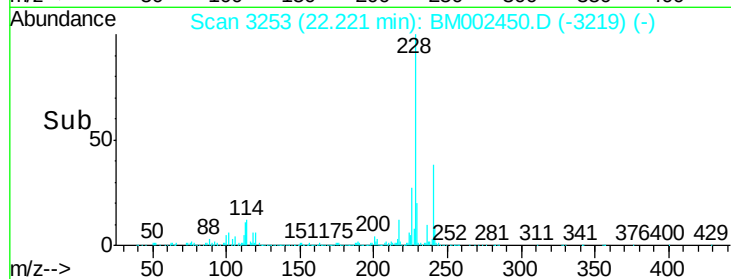
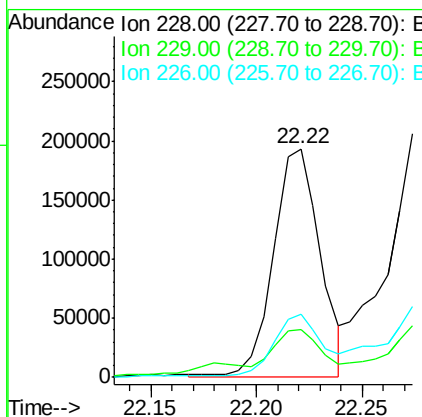
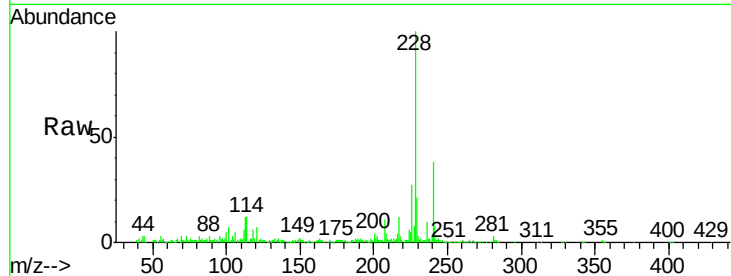
#20
Benzo(a)anthracene
Concen: 10.82 ng/ul
RT: 22.22 min Scan# 3253
Delta R.T. 0.00 min
Lab File: BM002450.D
Acq: 17 Aug 2015 14:20

Instrument :
BNA_M
ClientSampleId :
D9DC2

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.0	15.8	23.6
226	27.5	21.1	31.7

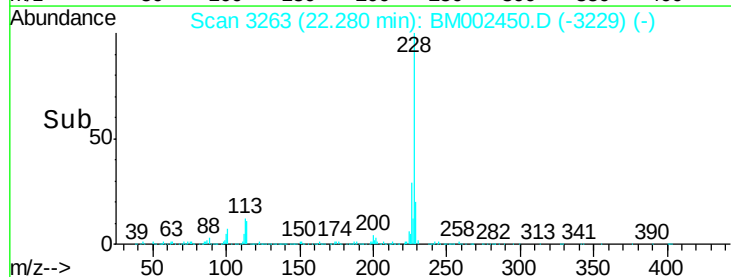
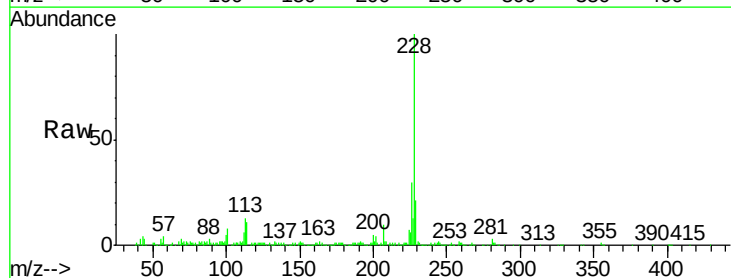
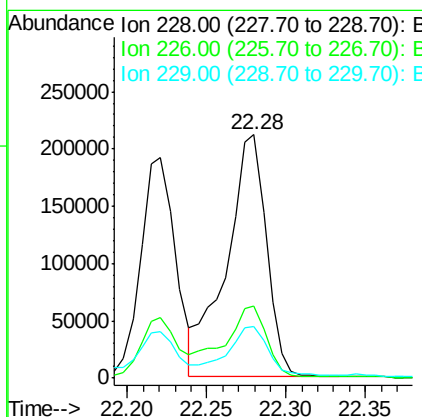
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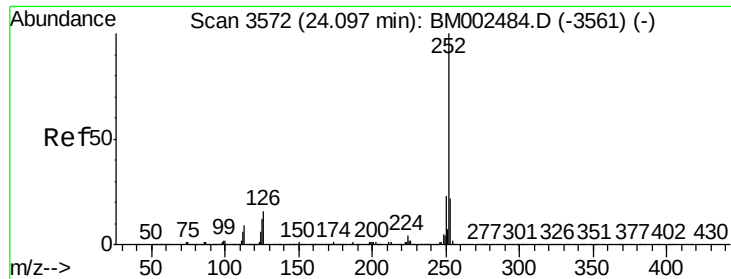
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#21
Chrysene
Concen: 14.57 ng/ul
RT: 22.28 min Scan# 3263
Delta R.T. 0.00 min
Lab File: BM002450.D
Acq: 17 Aug 2015 14:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.6	23.4	35.2
229	21.3	15.7	23.5





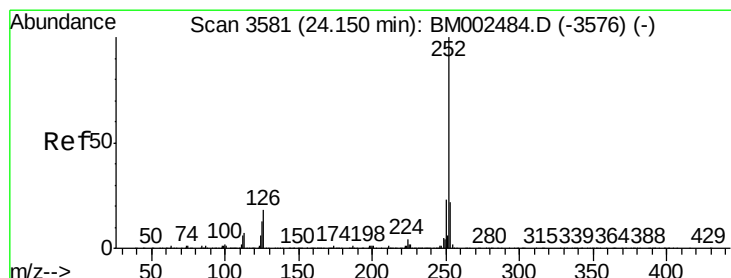
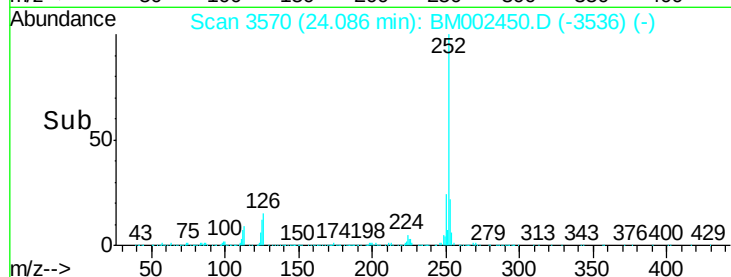
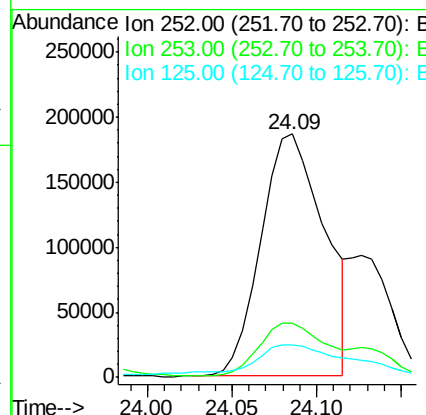
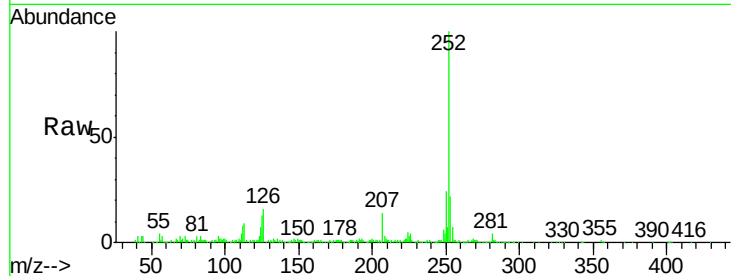
#23
Benzo(b)fluoranthene
Concen: 18.85 ng/ul
RT: 24.09 min Scan# 3570
Delta R.T. 0.00 min
Lab File: BM002450.D
Acq: 17 Aug 2015 14:20

Instrument :
BNA_M
ClientSampled :
D9DC2

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	13.1	10.0	15.0

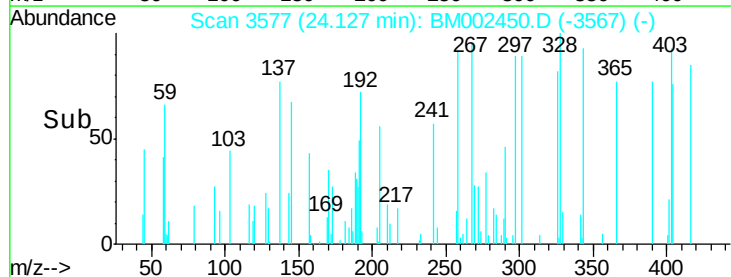
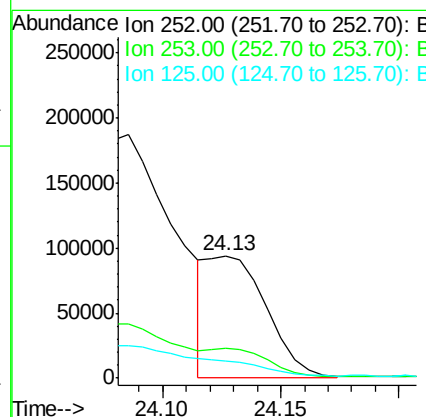
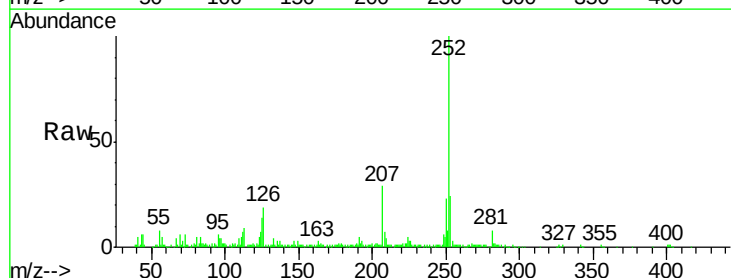
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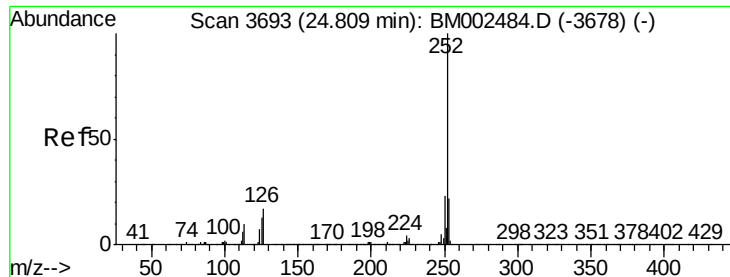
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#24
Benzo(k)fluoranthene
Concen: 6.56 ng/ul m
RT: 24.13 min Scan# 3577
Delta R.T. -0.01 min
Lab File: BM002450.D
Acq: 17 Aug 2015 14:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.6
125	14.2	9.8	14.8





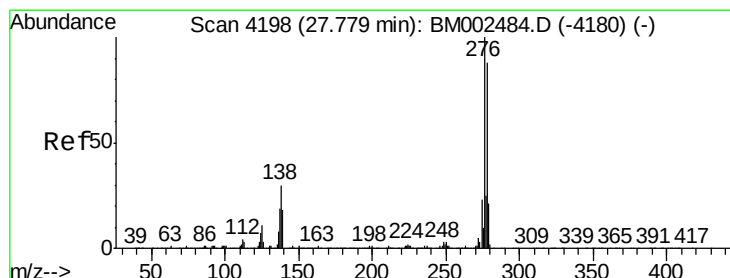
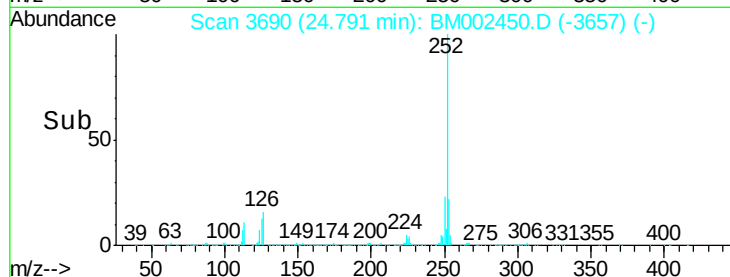
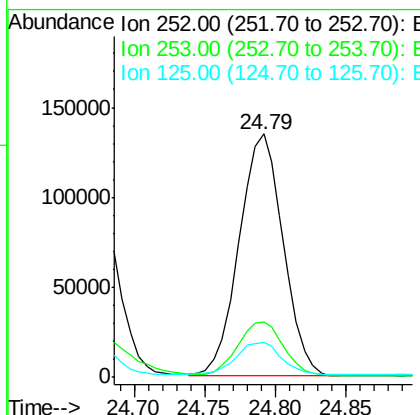
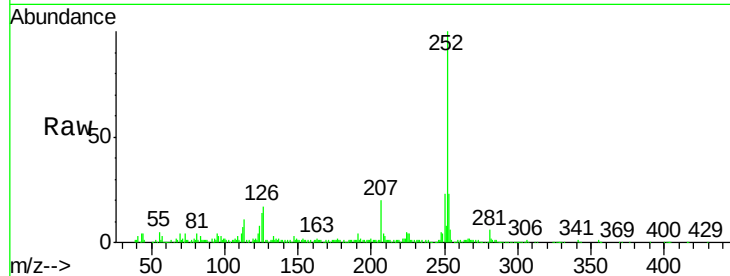
#26
Benzo(a)pyrene
Concen: 12.00 ng/ul
RT: 24.79 min Scan# 3690
Delta R.T. -0.01 min
Lab File: BM002450.D
Acq: 17 Aug 2015 14:20

Instrument :
BNA_M
ClientSampleId :
D9DC2

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.0	17.6	26.4
125	14.5	10.7	16.1

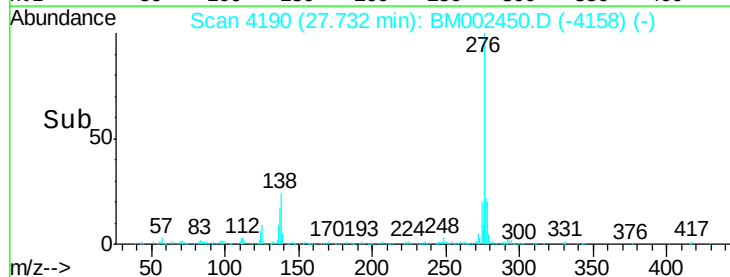
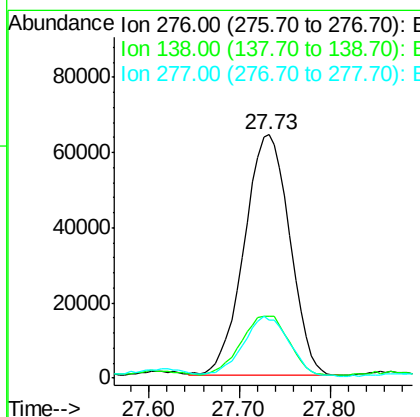
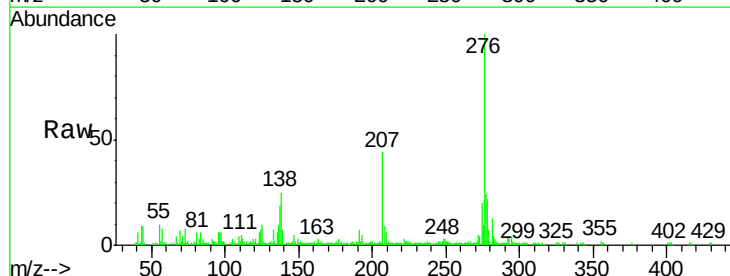
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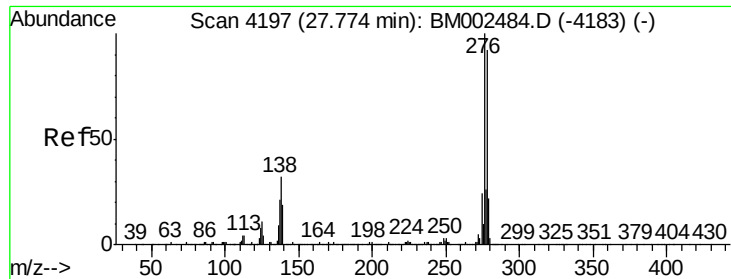
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#27
Indeno(1,2,3-cd)pyrene
Concen: 7.91 ng/ul
RT: 27.73 min Scan# 4190
Delta R.T. -0.01 min
Lab File: BM002450.D
Acq: 17 Aug 2015 14:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	25.5	25.3	37.9
277	24.0	20.2	30.2





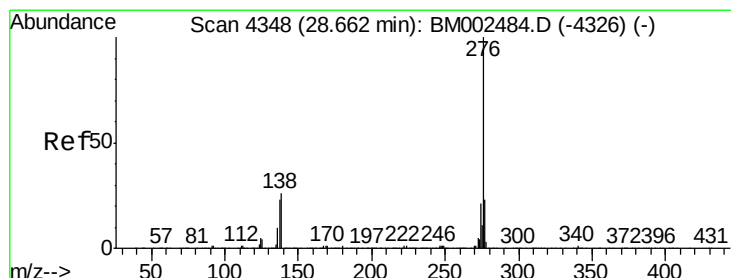
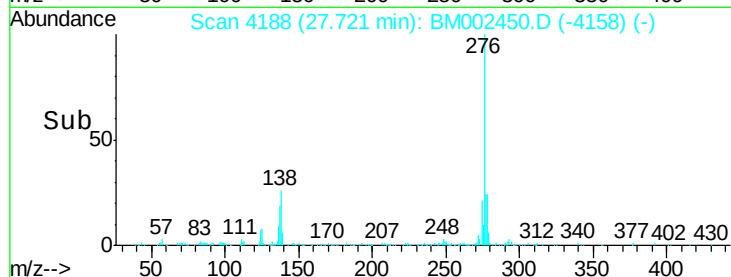
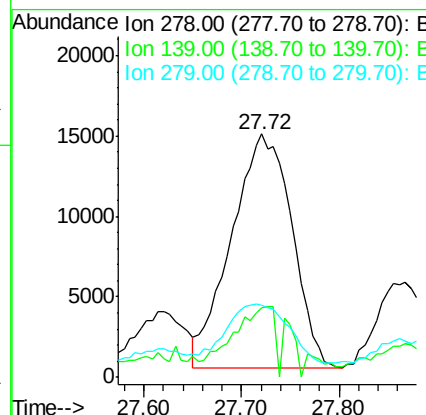
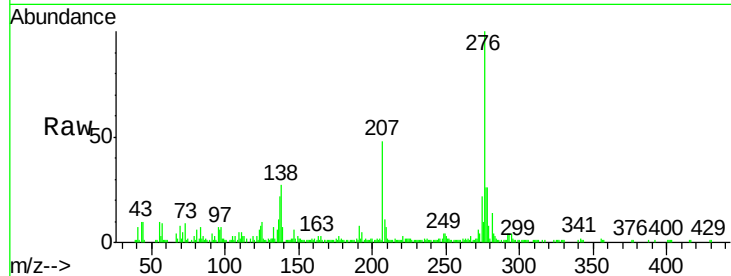
#28
Dibenzo(a,h)anthracene
Concen: 2.67 ng/ul
RT: 27.72 min Scan# 4188
Delta R.T. -0.02 min
Lab File: BM002450.D
Acq: 17 Aug 2015 14:20

Instrument :
BNA_M
ClientSampleId :
D9DC2

Tgt Ion	Ratio	Lower	Upper
278	100		
139	28.7	16.5	24.7#
279	29.7	18.8	28.2#

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 8.25 ng/ul
RT: 28.61 min Scan# 4340
Delta R.T. -0.01 min
Lab File: BM002450.D
Acq: 17 Aug 2015 14:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.9	21.0	31.6
277	24.5	19.2	28.8

