

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032516\
 Data File : BM004782.D
 Acq On : 25 Mar 2016 17:52
 Operator : UM/SJ
 Sample : H1909-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T42

Manual Integrations
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Quant Time: Apr 05 19:05:24 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM032516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 18:29:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1067	0.40	ng/ul	0.00
4) Naphthalene-d8	10.62	136	4934	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	3093	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	7081m	0.40	ng/ul	0.00
18) Chrysene-d12	21.39	240	6762	0.40	ng/ul	-0.01
22) Perylene-d12	23.68	264	5821m	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	3847	8.00	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.21	152	1684	0.24	ng/ul	0.00
16) Fluoranthene-d10	19.24	212	3937	0.24	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.67	128	289	0.02	ng/ul#	39
9) Acenaphthylene	14.18	152	615	0.04	ng/ul#	80
14) Phenanthrene	17.24	178	3952m	0.20	ng/ul	
15) Anthracene	17.33	178	930	0.05	ng/ul#	78
17) Fluoranthene	19.27	202	9157	0.40	ng/ul	97
19) Pyrene	19.63	202	8843	0.38	ng/ul	96
20) Benzo(a)anthracene	21.37	228	4454	0.21	ng/ul#	89
21) Chrysene	21.43	228	4196	0.21	ng/ul#	93
23) Benzo(b)fluoranthene	22.99	252	5755m	0.29	ng/ul	
24) Benzo(k)fluoranthene	23.01	252	2348m	0.13	ng/ul	
25) Benzo(a)pyrene	23.58	252	5077m	0.28	ng/ul	
26) Indeno(1,2,3-cd)pyrene	25.99	276	2410m	0.15	ng/ul	
27) Dibenzo(a,h)anthracene	26.02	278	622m	0.05	ng/ul	
28) Benzo(g,h,i)perylene	26.71	276	2184m	0.16	ng/ul	

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

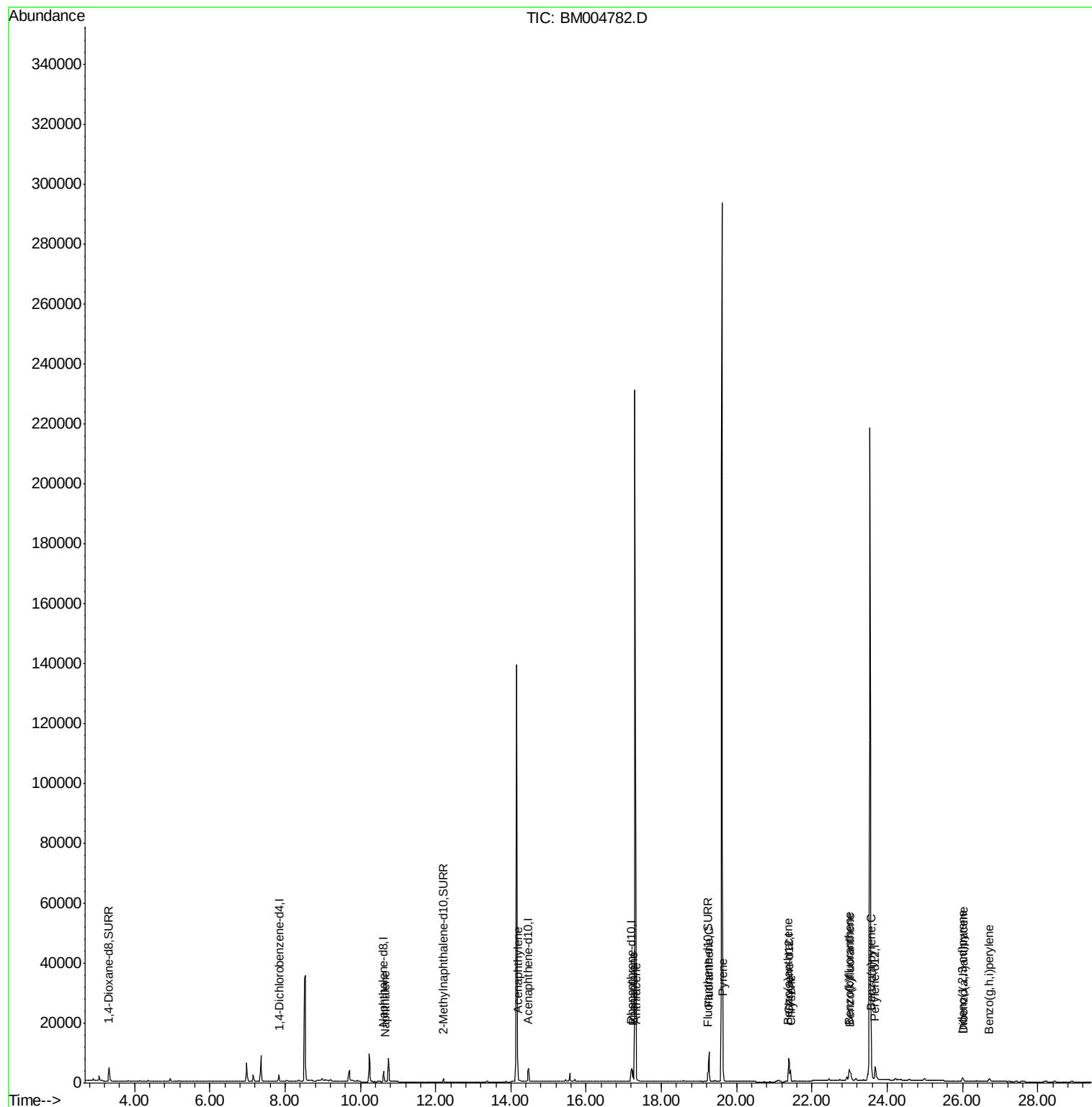
Data Path : Z:\HPCHEM1\BNA M\DATA\BM032516\
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Misc :
ALS Vial : 14 Sample Multiplier: 1

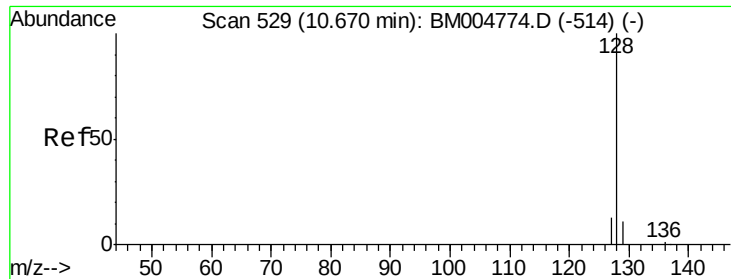
Instrument :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.02 ng/ul

RT: 10.67 min Scan# 529

Delta R.T. -0.00 min

Lab File: BM004782.D

Acq: 25 Mar 2016 17:52

Instrument :

BNA_M

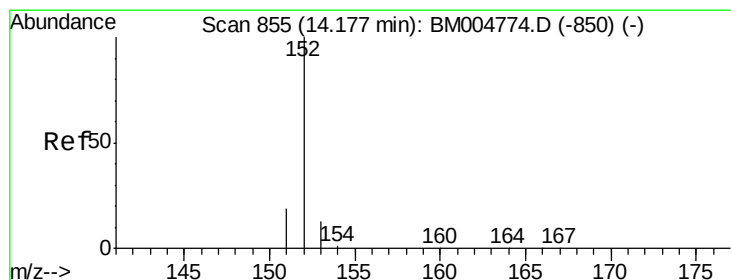
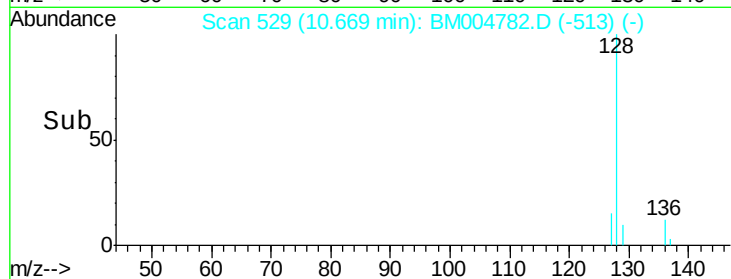
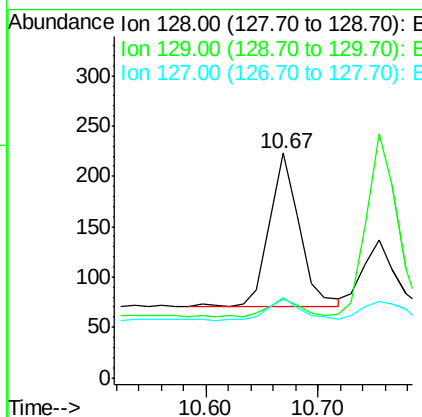
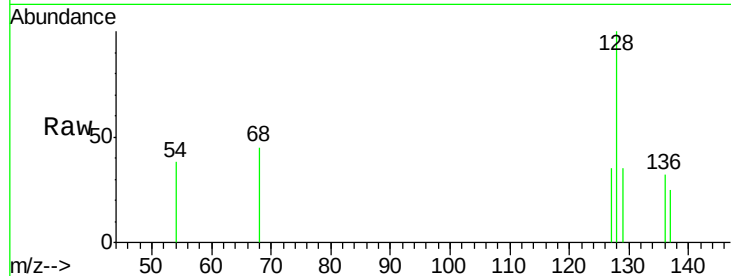
ClientSampleId :

A4T42

Tot Ion:	128	Resp:	289
Ion	Ratio	Lower	Upper
128	100		
129	35.0	9.0	13.6#
127	35.4	9.6	14.4#

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#9

Acenaphthylene

Concen: 0.04 ng/ul

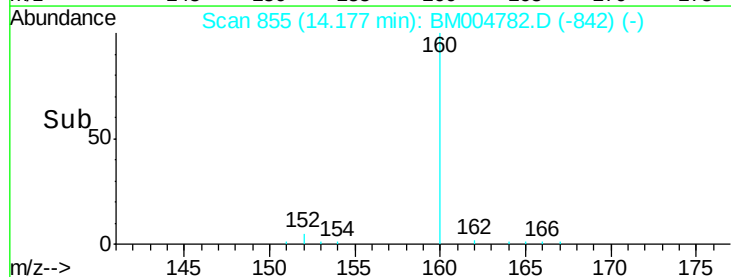
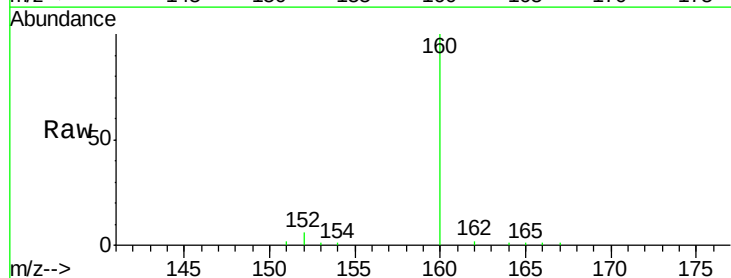
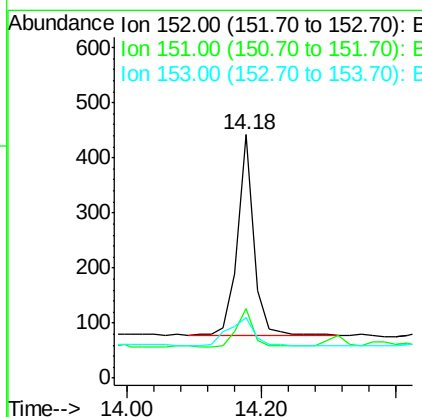
RT: 14.18 min Scan# 855

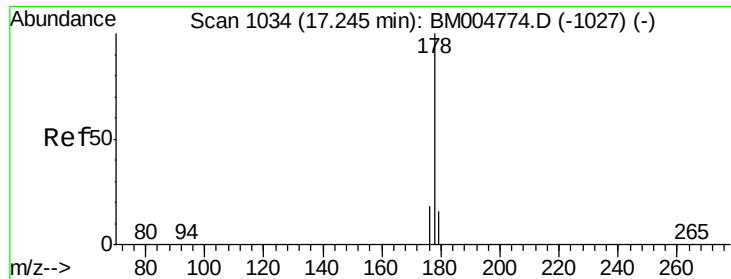
Delta R.T. -0.00 min

Lab File: BM004782.D

Acq: 25 Mar 2016 17:52

Tgt Ion:	152	Resp:	615
Ion	Ratio	Lower	Upper
152	100		
151	28.5	17.6	26.4#
153	24.9	9.7	14.5#





#14

Phenanthrene

Concen: 0.20 ng/ul m

RT: 17.24 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BM004782.D

Acq: 25 Mar 2016 17:52

Instrument :

BNA_M

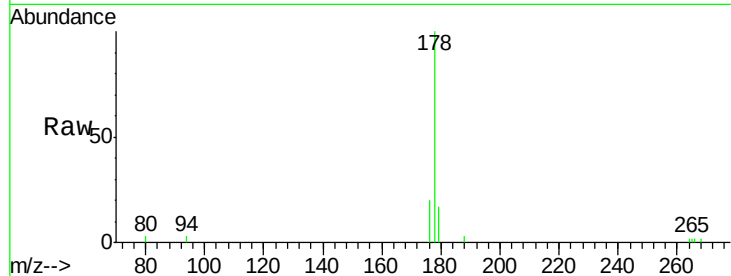
ClientSampleId :

A4T42

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	13.0	19.4#
179	17.3	14.2	21.2

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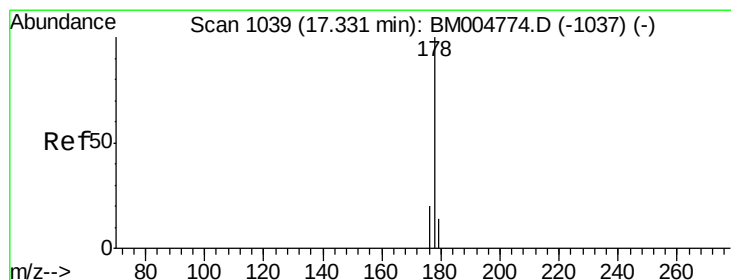
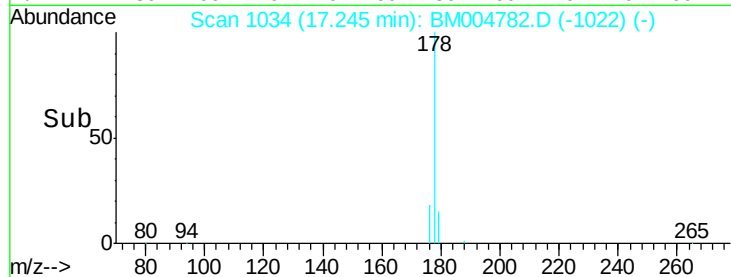
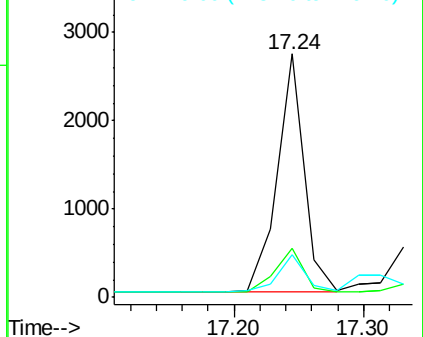
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#15

Anthracene

Concen: 0.05 ng/ul

RT: 17.33 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BM004782.D

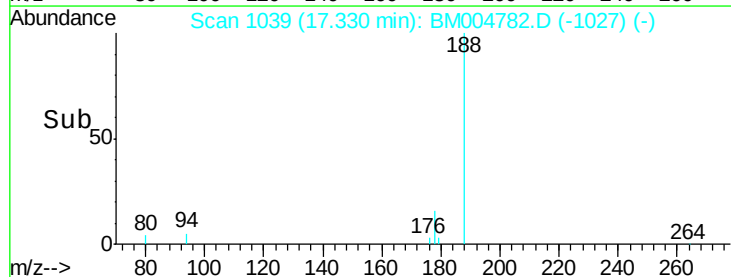
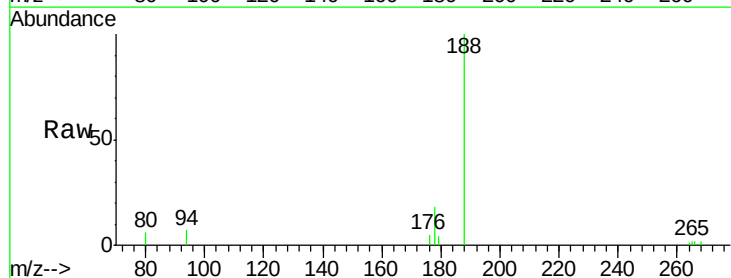
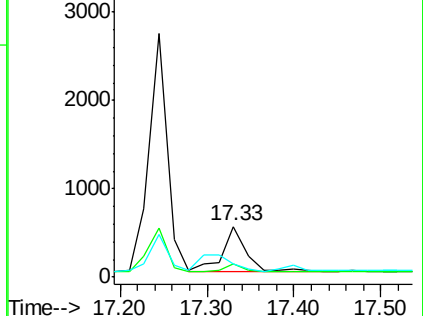
Acq: 25 Mar 2016 17:52

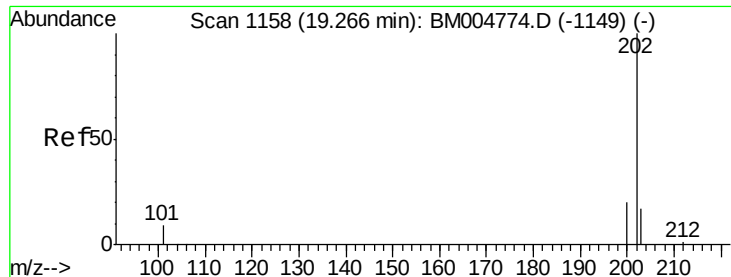
Tgt Ion	Ratio	Lower	Upper
178	100		
176	27.2	14.0	21.0#
179	25.4	12.9	19.3#

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





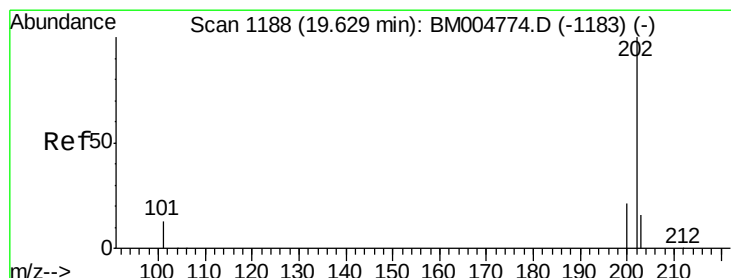
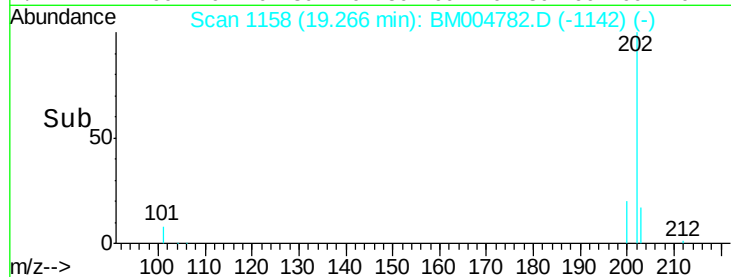
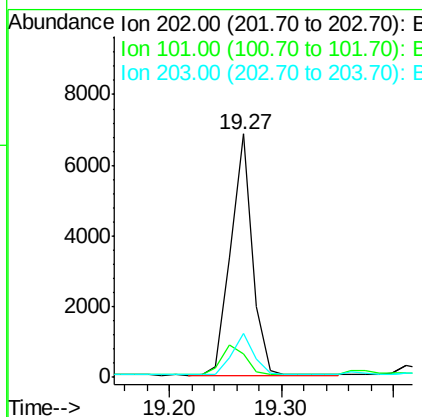
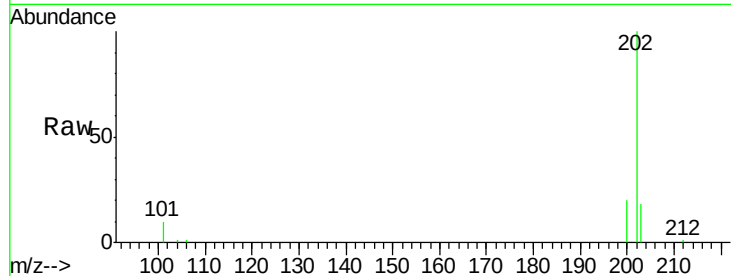
#17
 Fluoranthene
 Concen: 0.40 ng/ul
 RT: 19.27 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BM004782.D
 Acq: 25 Mar 2016 17:52

Instrument :
 BNA_M
 ClientSampleId :
 A4T42

Tot Ion	Ratio	Resp	Lower	Upper
202	100	9157		
101	9.5		0.0	29.6
203	18.3		0.0	36.3

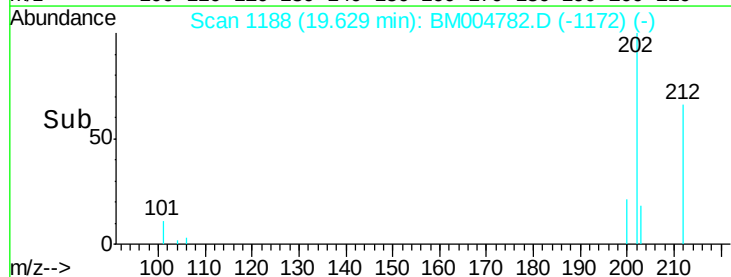
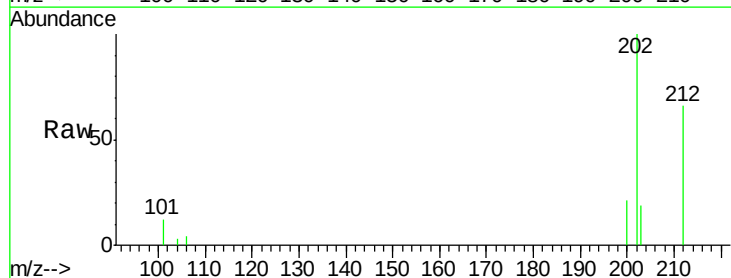
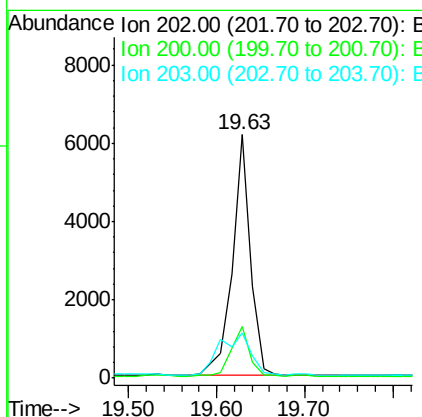
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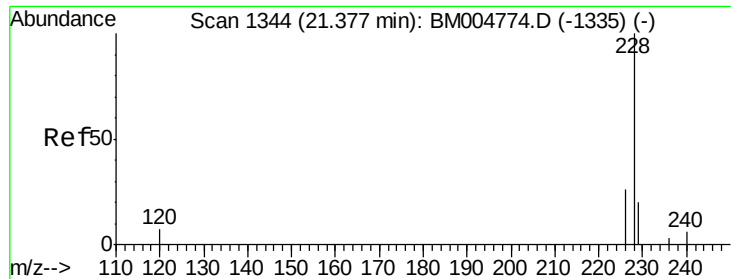
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#19
 Pyrene
 Concen: 0.38 ng/ul
 RT: 19.63 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BM004782.D
 Acq: 25 Mar 2016 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	8843		
200	21.3		17.8	26.8
203	18.7		12.8	19.2





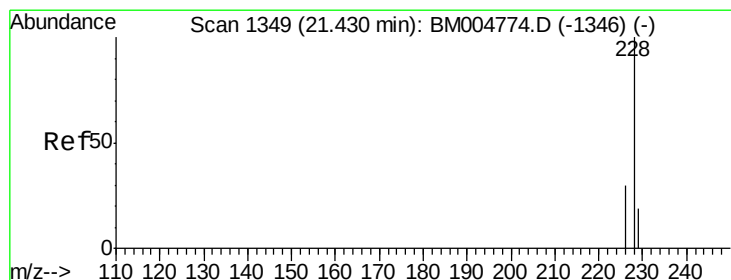
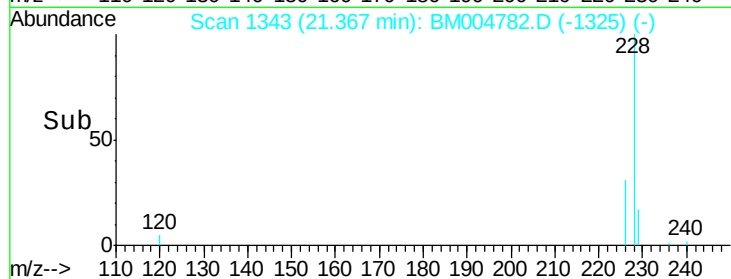
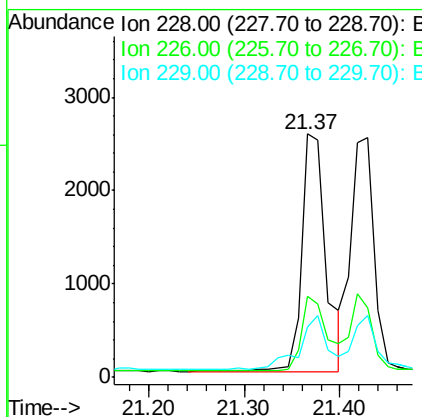
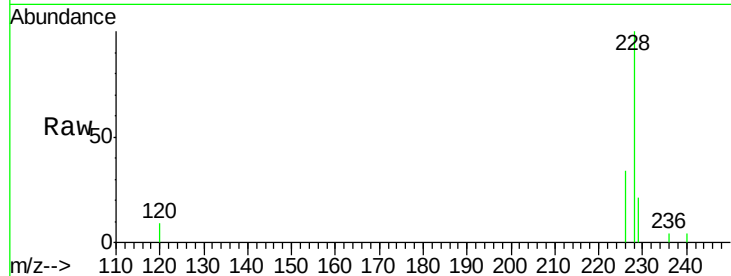
#20
Benzo(a)anthracene
Concen: 0.21 ng/ul
RT: 21.37 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BM004782.D
Acq: 25 Mar 2016 17:52

Instrument :
BNA_M
ClientSampleId :
A4T42

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.6	18.8	28.2
229	20.7	17.1	25.7

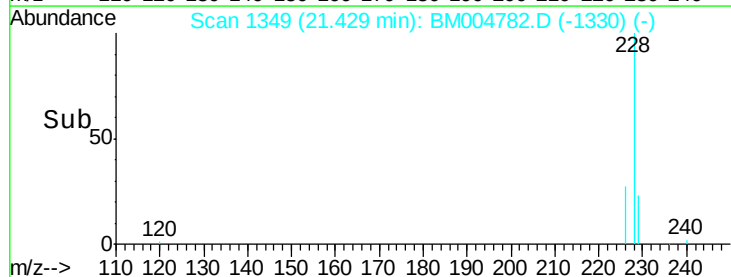
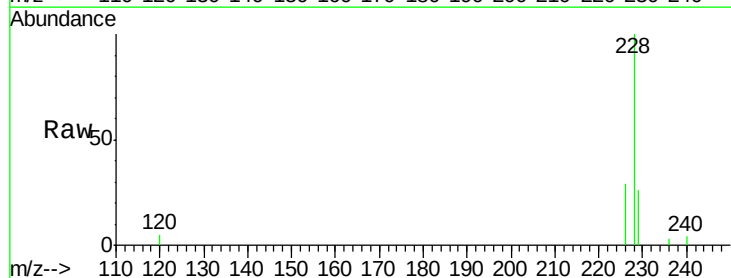
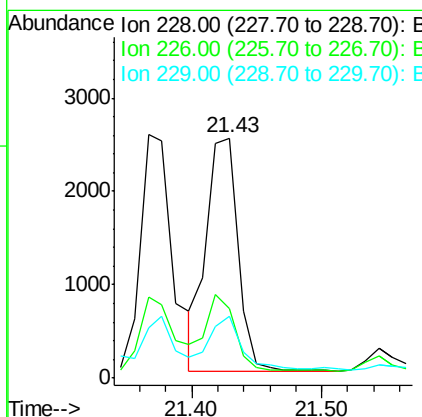
Manual Integrations
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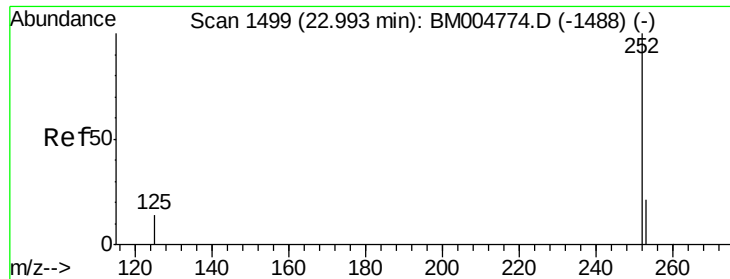
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#21
Chrysene
Concen: 0.21 ng/ul
RT: 21.43 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BM004782.D
Acq: 25 Mar 2016 17:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	21.2	31.8
229	25.6	17.0	25.6





#23

Benzo(b)fluoranthene

Concen: 0.29 ng/ul m

RT: 22.99 min Scan# 1499

Delta R.T. -0.00 min

Lab File: BM004782.D

Acq: 25 Mar 2016 17:52

Instrument :

BNA_M

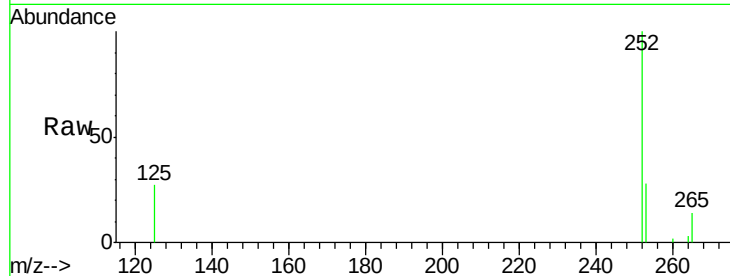
ClientSampleId :

A4T42

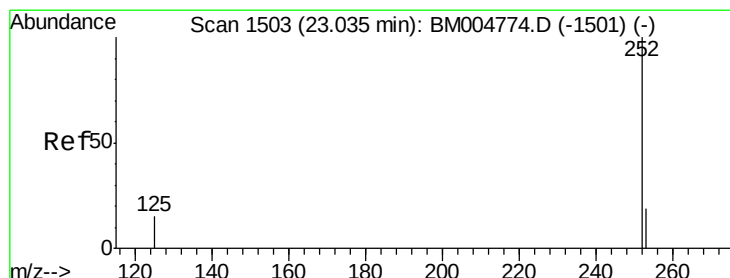
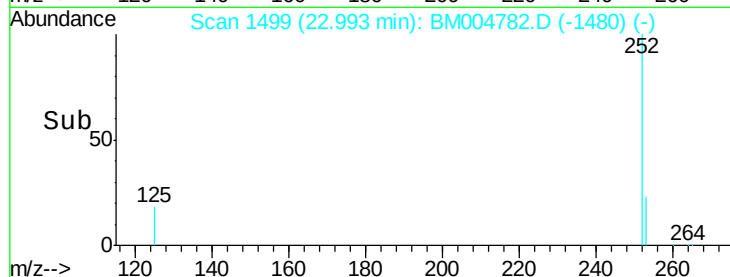
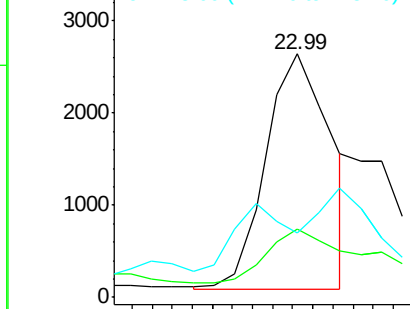
Tot Ion:	252	Resp:	5755
Ion Ratio	Lower	Upper	
252	100		
253	27.8	0.0	45.4
125	26.6	0.0	28.8

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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



#24

Benzo(k)fluoranthene

Concen: 0.13 ng/ul m

RT: 23.01 min Scan# 1501

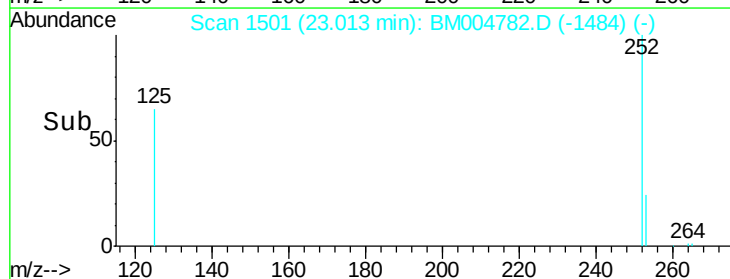
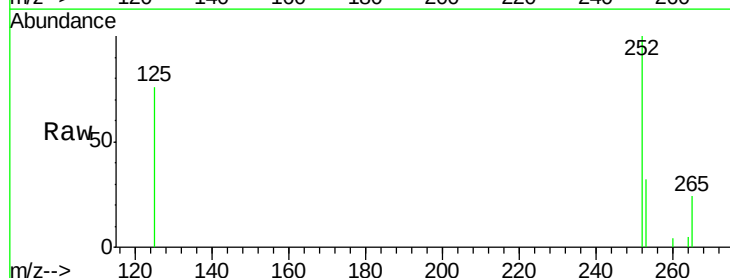
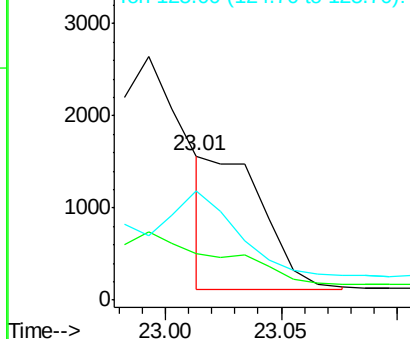
Delta R.T. -0.02 min

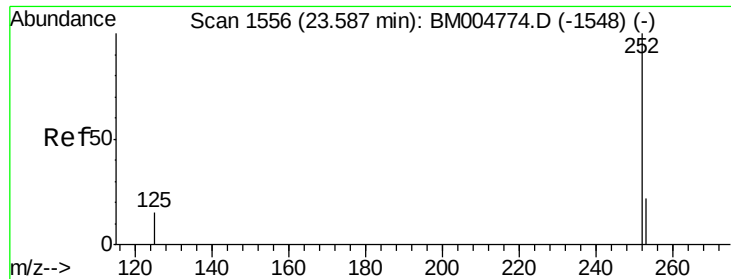
Lab File: BM004782.D

Acq: 25 Mar 2016 17:52

Tgt Ion:	252	Resp:	2348
Ion Ratio	Lower	Upper	
252	100		
253	32.3	19.8	29.8#
125	76.3	10.4	15.6#

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





#25

Benzo(a)pyrene

Concen: 0.28 ng/ul m

RT: 23.58 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BM004782.D

Acq: 25 Mar 2016 17:52

Instrument :

BNA_M

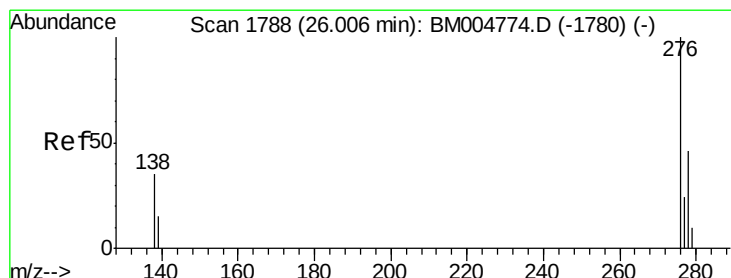
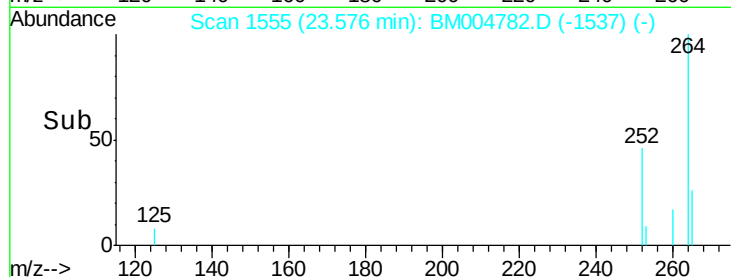
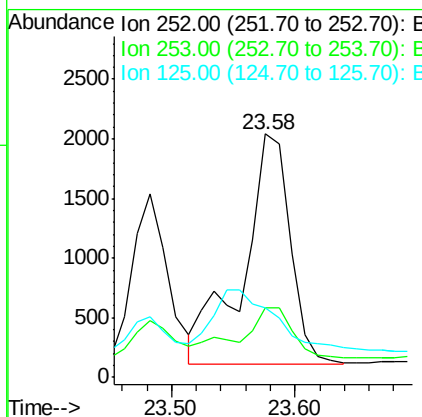
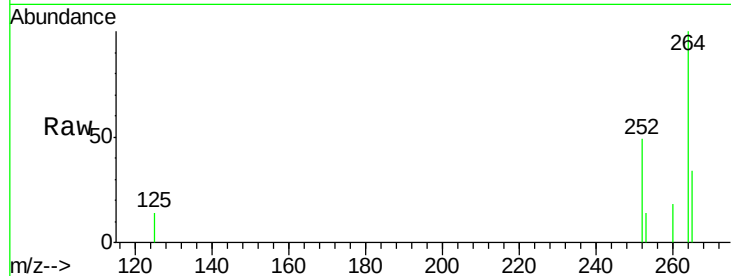
ClientSampleId :

A4T42

Tot Ion:	252	Resp:	5077
Ion Ratio	Lower	Upper	
252	100		
253	28.4	19.4	29.2
125	28.6	12.7	19.1#

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#26

Indeno(1,2,3-cd)pyrene

Concen: 0.15 ng/ul m

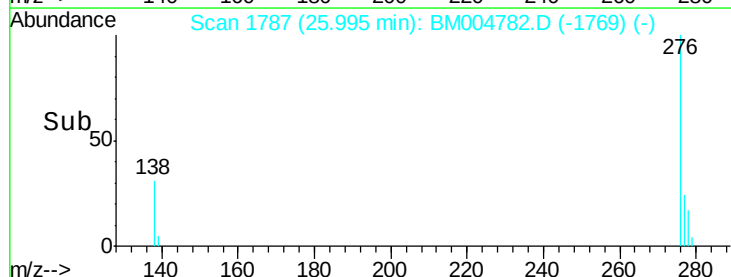
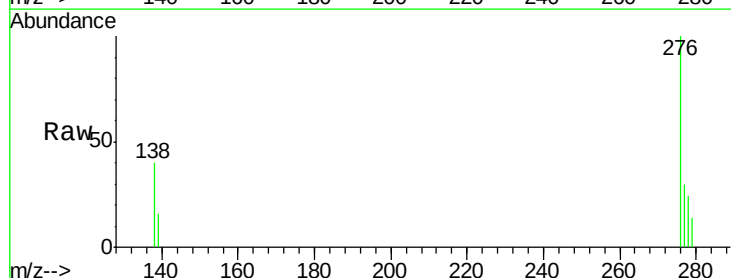
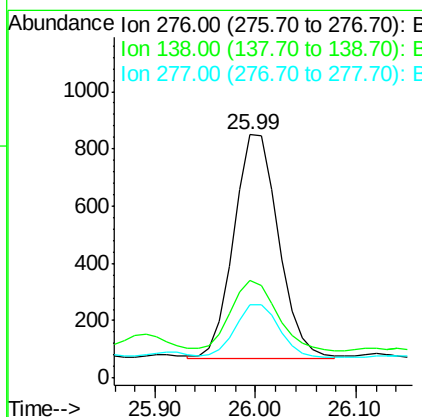
RT: 25.99 min Scan# 1787

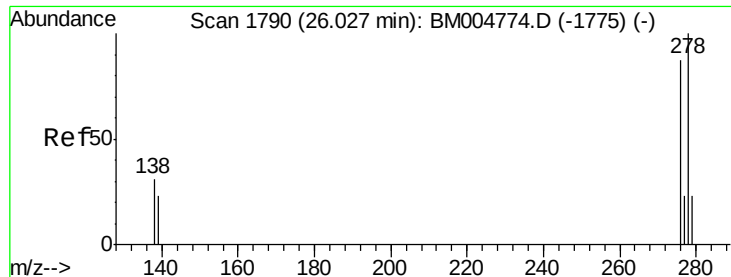
Delta R.T. -0.01 min

Lab File: BM004782.D

Acq: 25 Mar 2016 17:52

Tgt Ion:	276	Resp:	2410
Ion Ratio	Lower	Upper	
276	100		
138	0.0	16.3	24.5#
277	0.0	19.8	29.8#





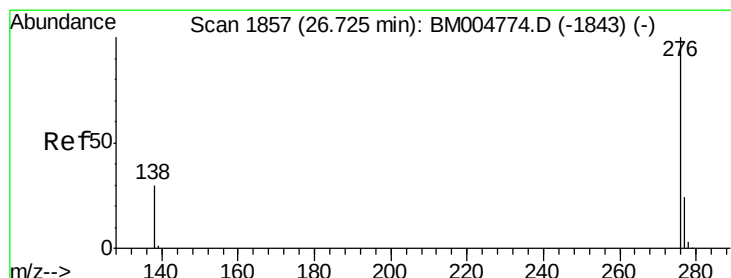
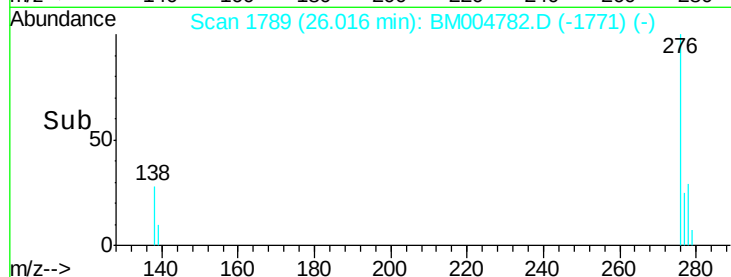
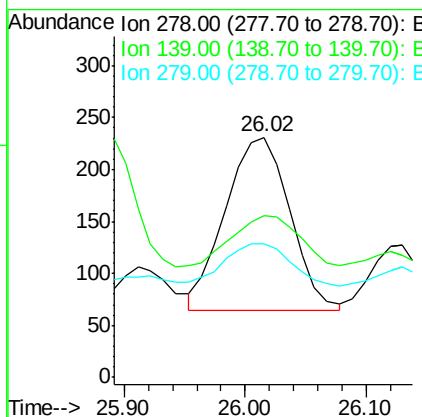
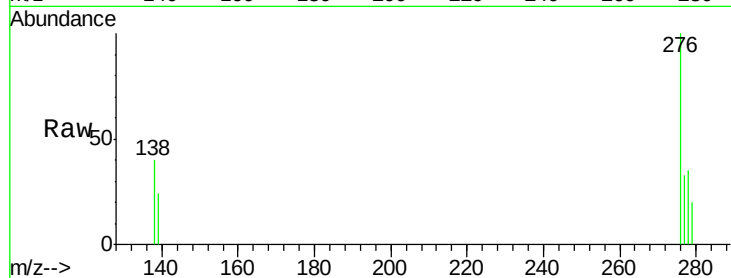
#27
Dibenzo(a,h)anthracene
Concen: 0.05 ng/ul m
RT: 26.02 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BM004782.D
Acq: 25 Mar 2016 17:52

Instrument :
BNA_M
ClientSampleId :
A4T42

Tot Ion	Ratio	Lower	Upper
278	100		
139	67.1	16.4	24.6#
279	55.8	20.2	30.2#

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#28
Benzo(g,h,i)perylene
Concen: 0.16 ng/ul m
RT: 26.71 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BM004782.D
Acq: 25 Mar 2016 17:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	31.4	18.9	28.3#
138	41.7	22.5	33.7#

