

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032816\
 Data File : BM004810.D
 Acq On : 28 Mar 2016 18:40
 Operator : UM/SJ
 Sample : H1909-12DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T46DL

Manual Integrations
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Quant Time: Apr 05 20:05:11 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	1017	0.40	ng/ul	0.00
4) Naphthalene-d8	10.62	136	4542	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	2588	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	5796	0.40	ng/ul	0.00
18) Chrysene-d12	21.39	240	6050	0.40	ng/ul	0.00
22) Perylene-d12	23.68	264	5402	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	727	1.59	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.22	152	289	0.05	ng/ul	0.00
16) Fluoranthene-d10	19.23	212	718	0.05	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.67	128	547	0.05	ng/ul#	66
9) Acenaphthylene	14.18	152	793	0.07	ng/ul#	84
14) Phenanthrene	17.24	178	3106	0.19	ng/ul#	95
15) Anthracene	17.33	178	974m	0.06	ng/ul	
17) Fluoranthene	19.26	202	10540	0.57	ng/ul	92
19) Pyrene	19.62	202	10446	0.50	ng/ul	96
20) Benzo(a)anthracene	21.37	228	6176	0.33	ng/ul#	90
21) Chrysene	21.42	228	5536	0.31	ng/ul#	92
23) Benzo(b)fluoranthene	23.00	252	7535m	0.41	ng/ul	
24) Benzo(k)fluoranthene	23.02	252	3055m	0.18	ng/ul	
25) Benzo(a)pyrene	23.58	252	5253	0.32	ng/ul#	91
26) Indeno(1,2,3-cd)pyrene	26.01	276	2643	0.17	ng/ul#	88
27) Dibenzo(a,h)anthracene	26.02	278	649	0.05	ng/ul#	41
28) Benzo(g,h,i)perylene	26.72	276	2315	0.18	ng/ul#	83

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

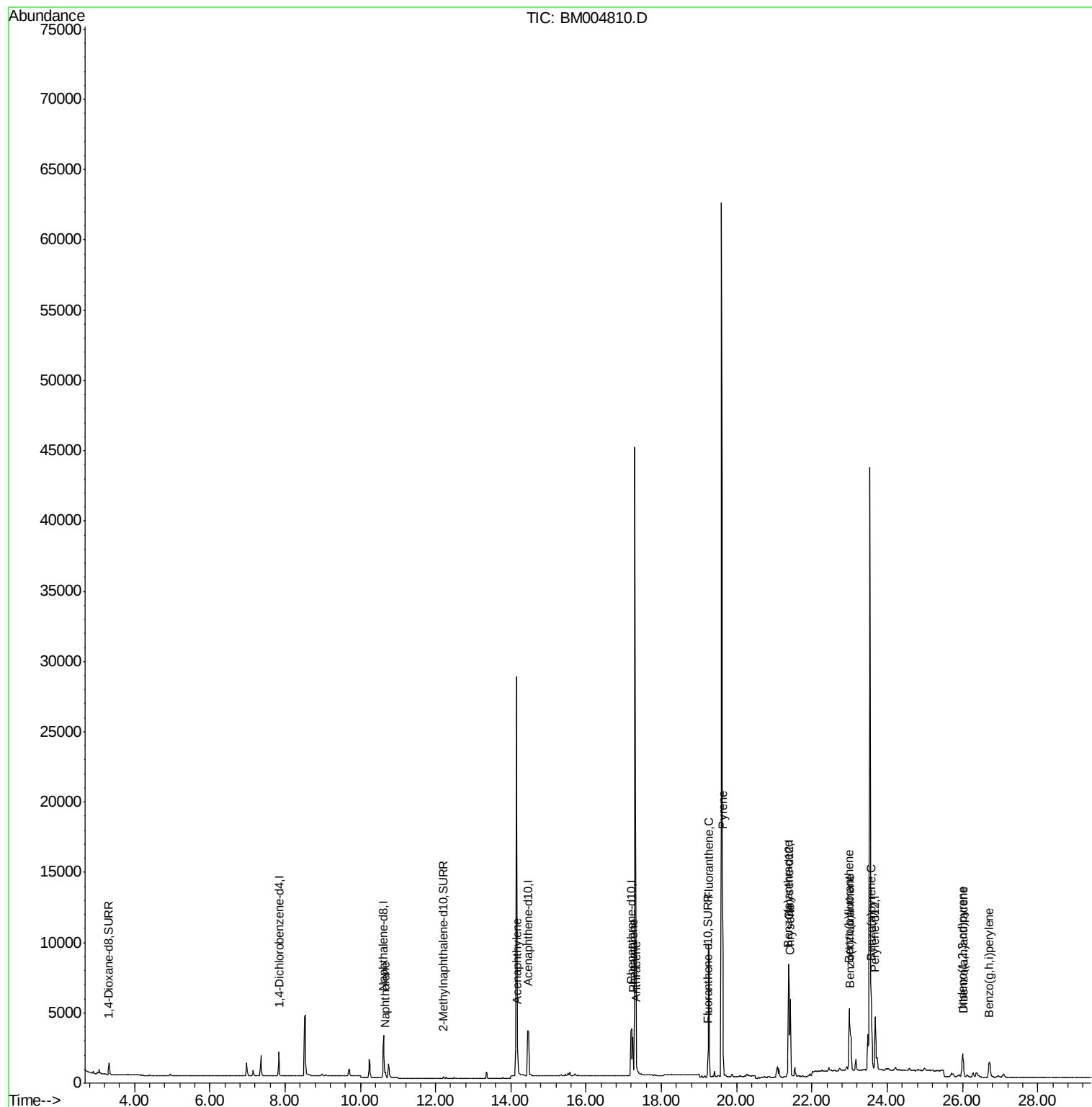
Data Path : Z:\HPCHEM1\BNA M\DATA\BM032816\
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ALS Vial : 10 Sample Multiplier: 1

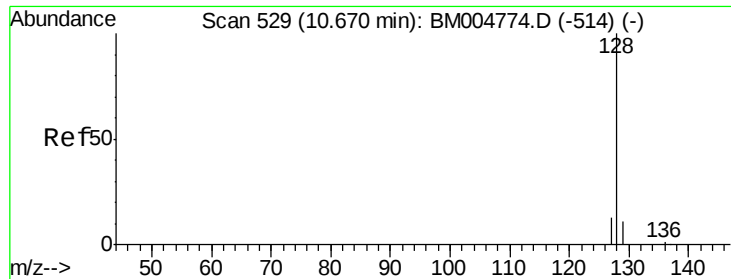
Instrument :
BNA_M
ClientSampleId :
A4T46DL

Manual Integrations
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4/6/2016 5:05:35 PM

Quant Time: Apr 05 20:05:11 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





#5

Naphthalene

Concen: 0.05 ng/ul

RT: 10.67 min Scan# 529

Delta R.T. -0.00 min

Lab File: BM004810.D

Acq: 28 Mar 2016 18:40

Instrument :

BNA_M

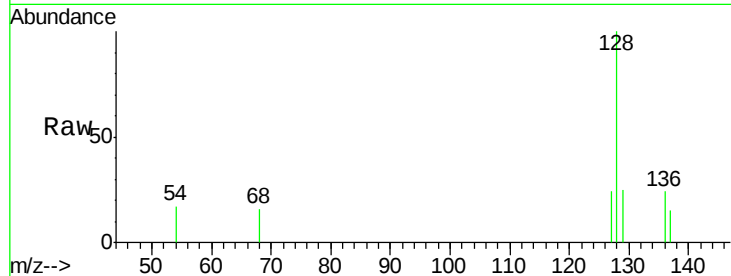
ClientSampleId :

A4T46DL

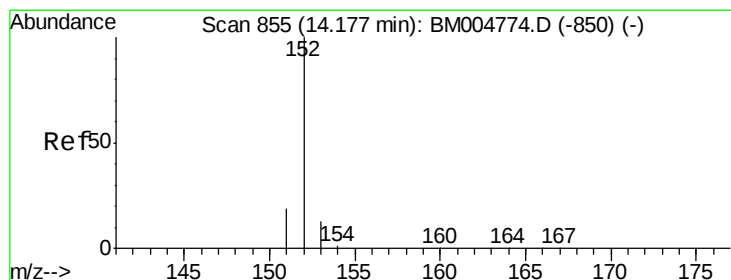
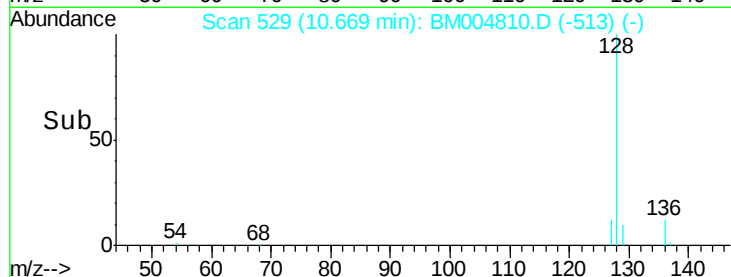
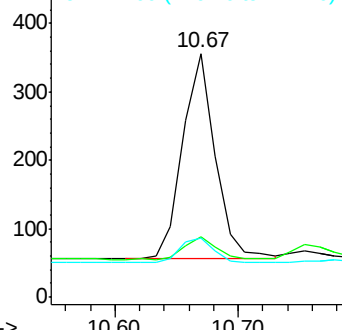
Tot Ion:	128	Resp:	547
Ion Ratio	Lower	Upper	
128	100		
129	25.0	9.0	13.6#
127	24.4	9.6	14.4#

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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



#9

Acenaphthylene

Concen: 0.07 ng/ul

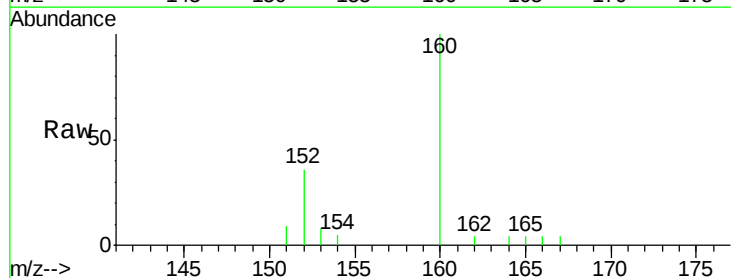
RT: 14.18 min Scan# 855

Delta R.T. -0.00 min

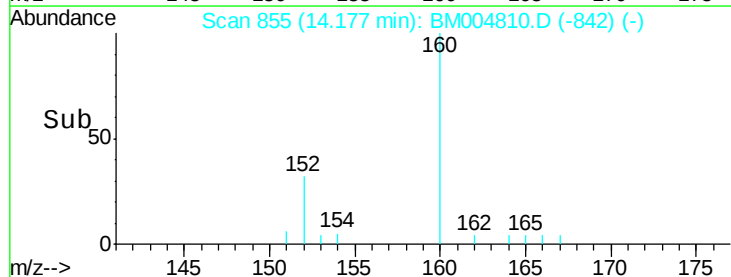
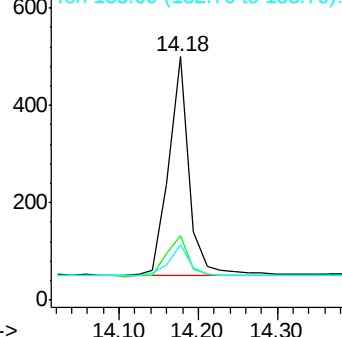
Lab File: BM004810.D

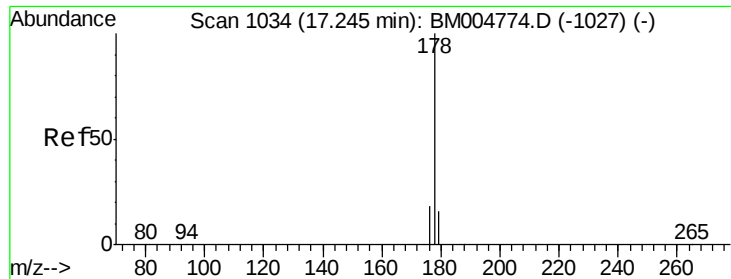
Acq: 28 Mar 2016 18:40

Tgt Ion:	152	Resp:	793
Ion Ratio	Lower	Upper	
152	100		
151	26.4	17.6	26.4
153	22.6	9.7	14.5#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





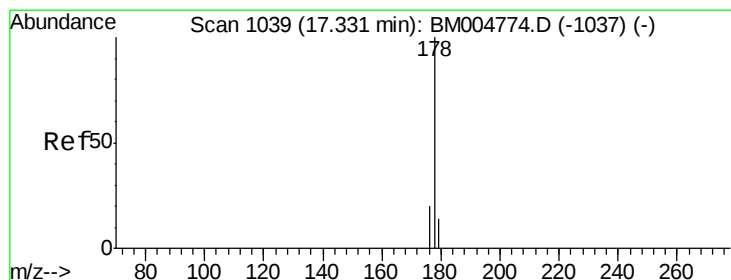
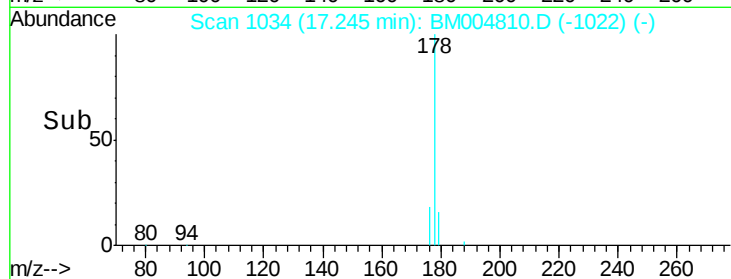
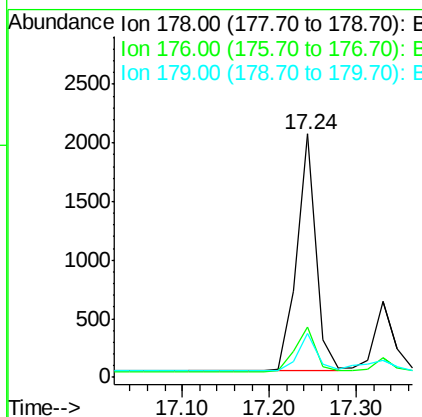
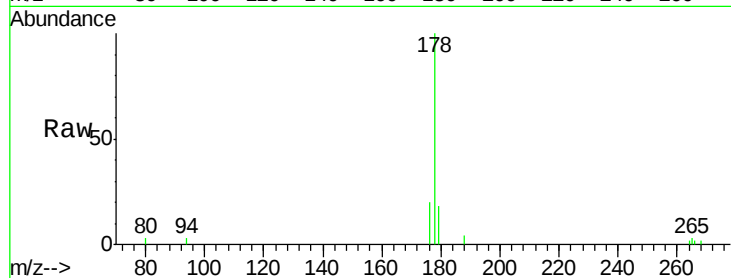
#14
Phenanthrene
Concen: 0.19 ng/ul
RT: 17.24 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BM004810.D
Acq: 28 Mar 2016 18:40

Instrument :
BNA_M
ClientSampled :
A4T46DL

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	13.0	19.4#
179	18.0	14.2	21.2

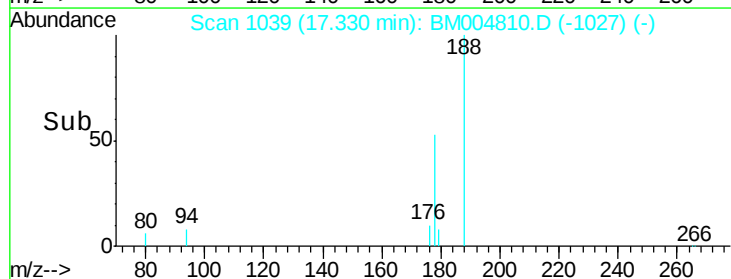
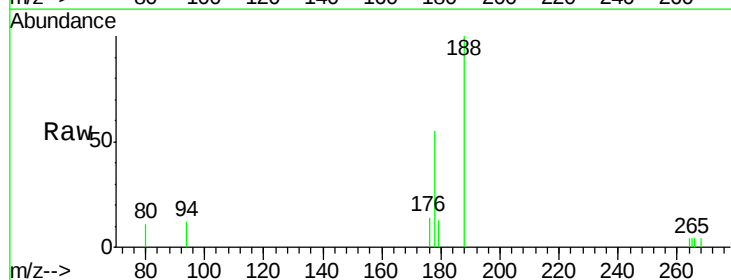
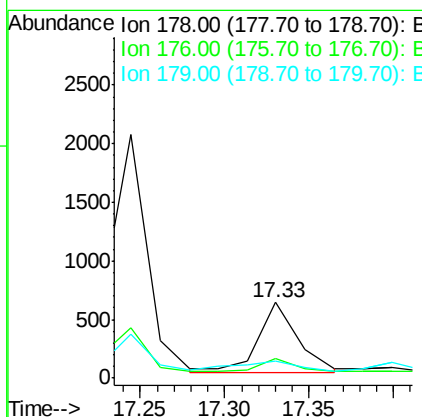
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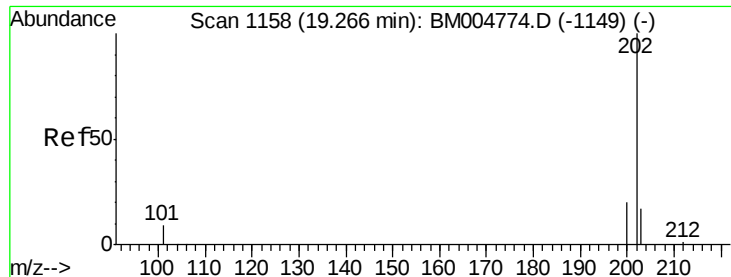
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#15
Anthracene
Concen: 0.06 ng/ul m
RT: 17.33 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BM004810.D
Acq: 28 Mar 2016 18:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	25.3	14.0	21.0#
179	23.0	12.9	19.3#





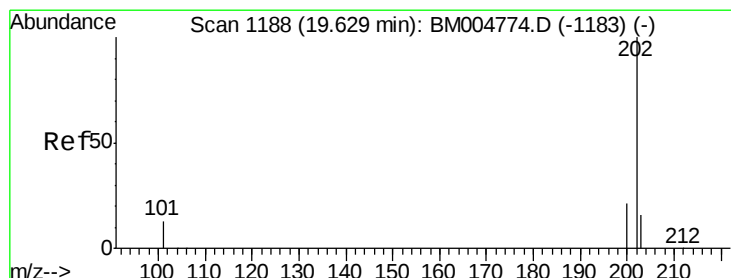
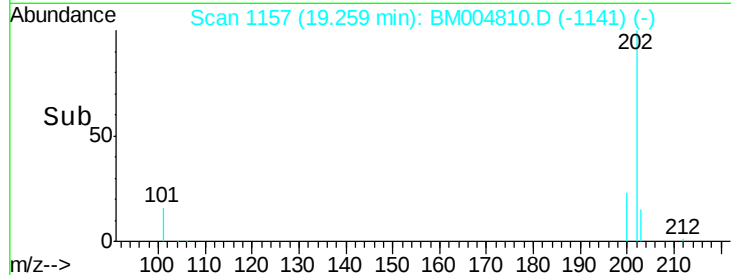
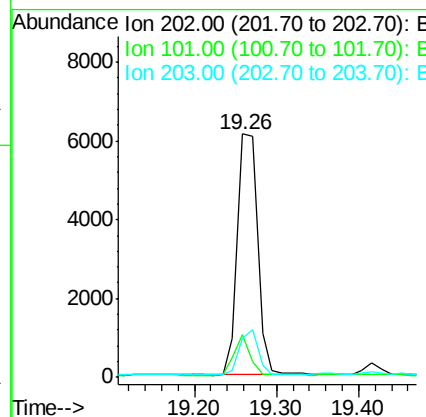
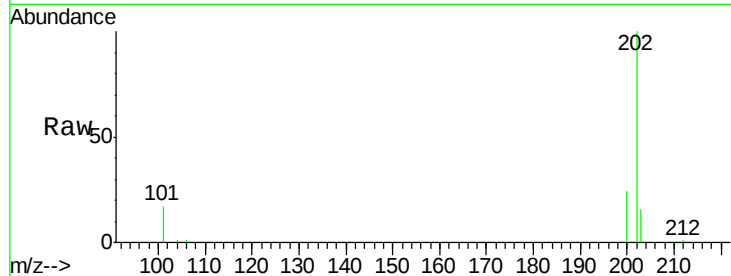
#17
Fluoranthene
 Concen: 0.57 ng/ul
 RT: 19.26 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BM004810.D
 Acq: 28 Mar 2016 18:40

Instrument :
 BNA_M
 ClientSampleId :
 A4T46DL

Tot Ion:	202	Resp:	10540
Ion Ratio	Lower	Upper	
202	100		
101	17.4	0.0	29.6
203	16.2	0.0	36.3

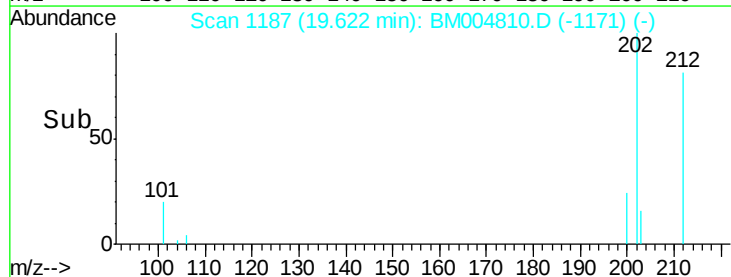
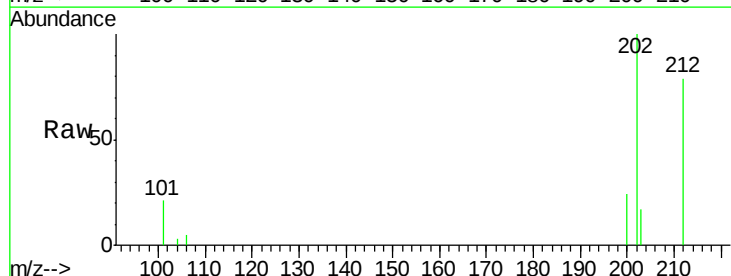
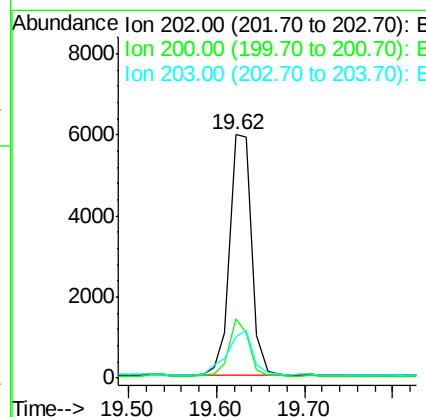
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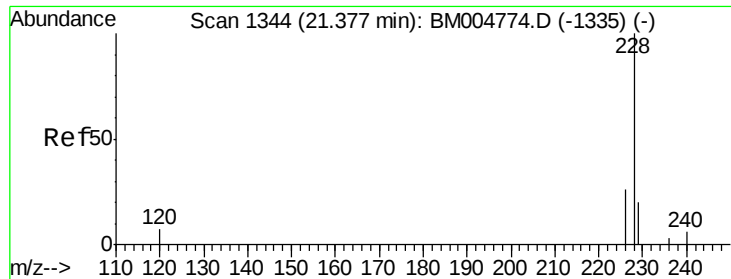
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#19
Pyrene
 Concen: 0.50 ng/ul
 RT: 19.62 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BM004810.D
 Acq: 28 Mar 2016 18:40

Tgt Ion:	202	Resp:	10446
Ion Ratio	Lower	Upper	
202	100		
200	24.3	17.8	26.8
203	17.2	12.8	19.2





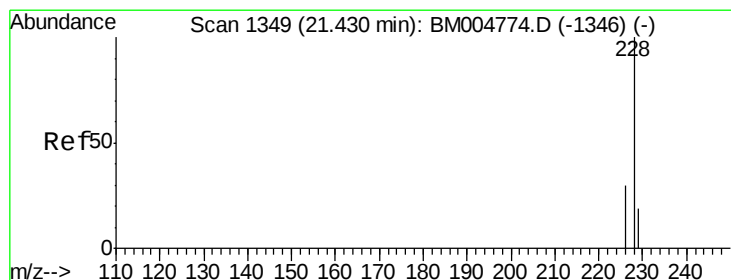
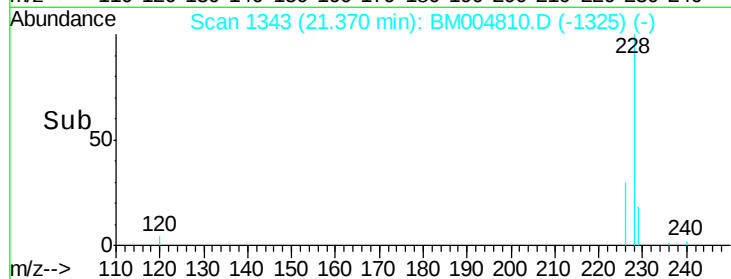
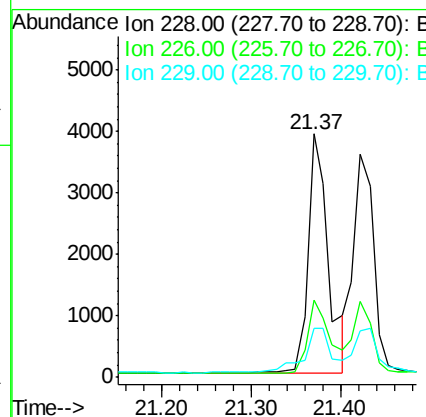
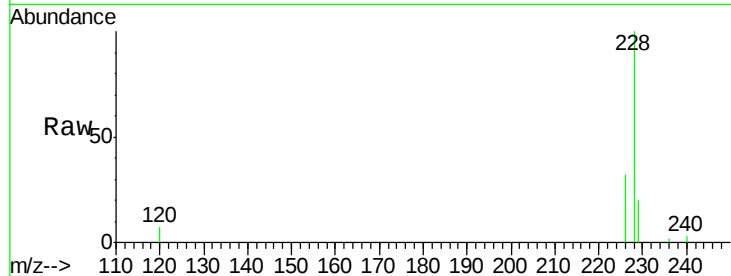
#20
Benzo(a)anthracene
Concen: 0.33 ng/ul
RT: 21.37 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BM004810.D
Acq: 28 Mar 2016 18:40

Instrument :
BNA_M
ClientSampleId :
A4T46DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	18.8	28.2
229	20.0	17.1	25.7

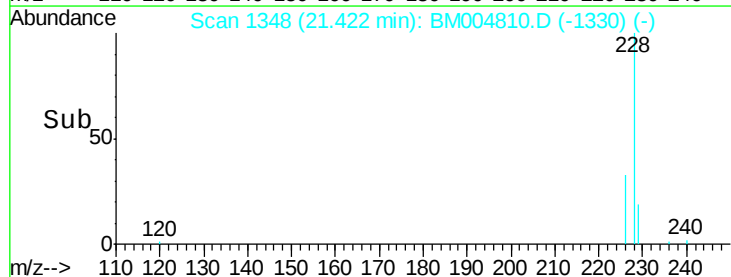
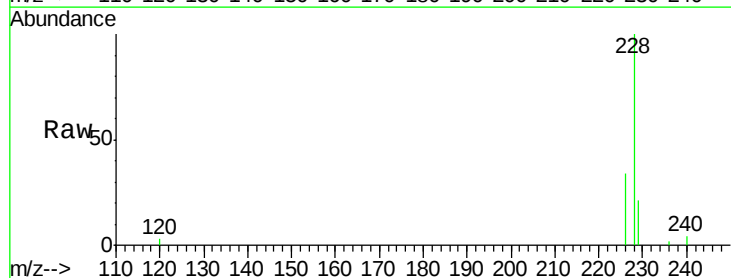
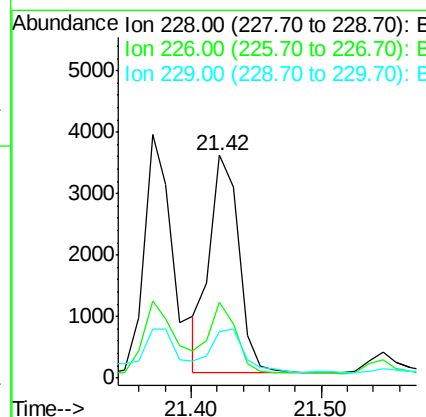
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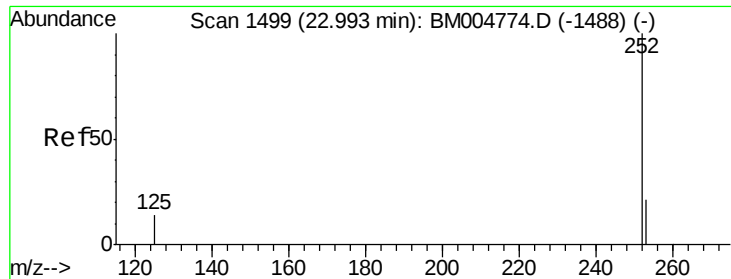
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#21
Chrysene
Concen: 0.31 ng/ul
RT: 21.42 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BM004810.D
Acq: 28 Mar 2016 18:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.0	21.2	31.8
229	21.0	17.0	25.6





#23

Benzo(b)fluoranthene

Concen: 0.41 ng/ul m

RT: 23.00 min Scan# 1499

Delta R.T. 0.00 min

Lab File: BM004810.D

Acq: 28 Mar 2016 18:40

Instrument :

BNA_M

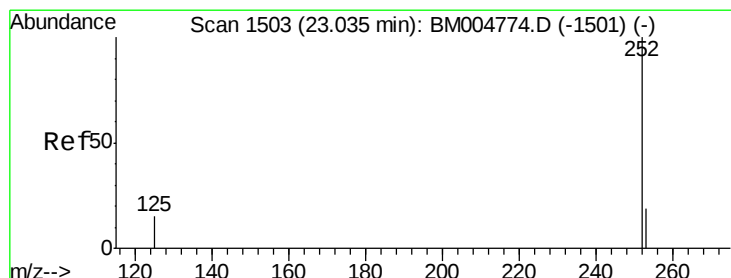
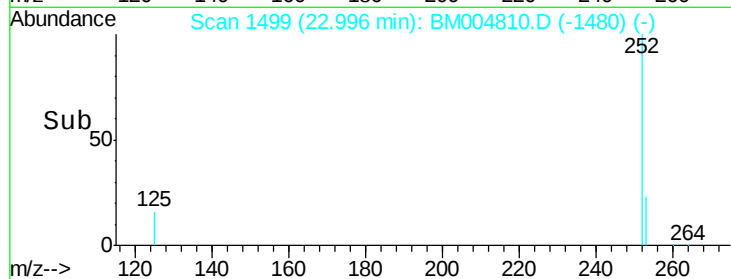
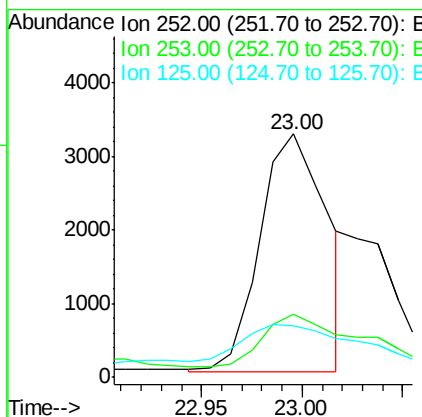
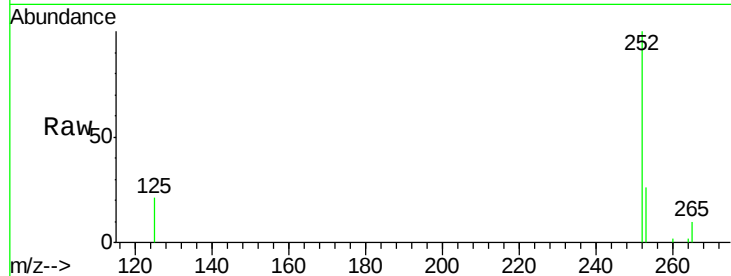
ClientSampleId :

A4T46DL

Tot Ion:	252	Resp:	7535
Ion Ratio	Lower	Upper	
252	100		
253	26.1	0.0	45.4
125	21.2	0.0	28.8

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#24

Benzo(k)fluoranthene

Concen: 0.18 ng/ul m

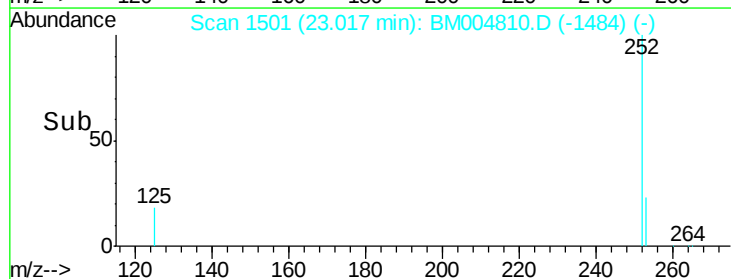
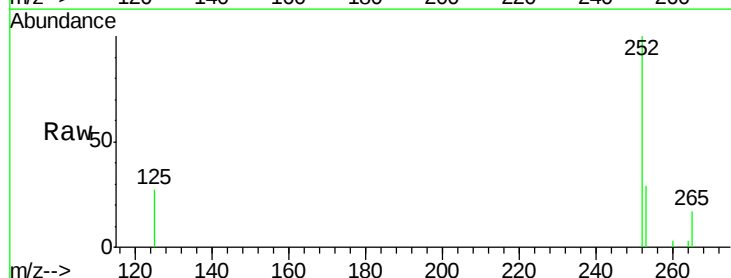
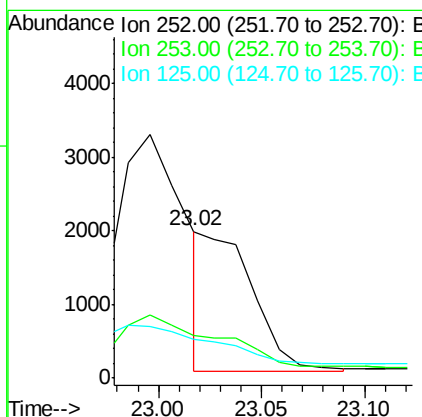
RT: 23.02 min Scan# 1501

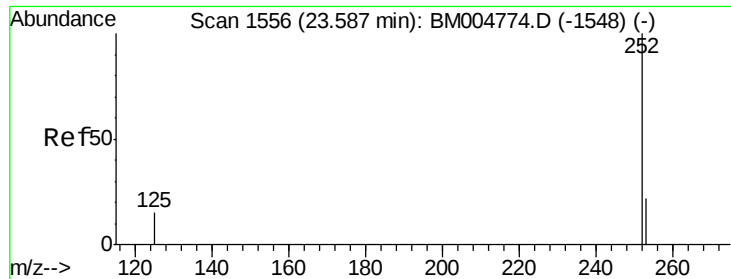
Delta R.T. -0.02 min

Lab File: BM004810.D

Acq: 28 Mar 2016 18:40

Tgt Ion:	252	Resp:	3055
Ion Ratio	Lower	Upper	
252	100		
253	29.1	19.8	29.8
125	26.8	10.4	15.6#





#25

Benzo(a)pyrene

Concen: 0.32 ng/ul

RT: 23.58 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BM004810.D

Acq: 28 Mar 2016 18:40

Instrument :

BNA_M

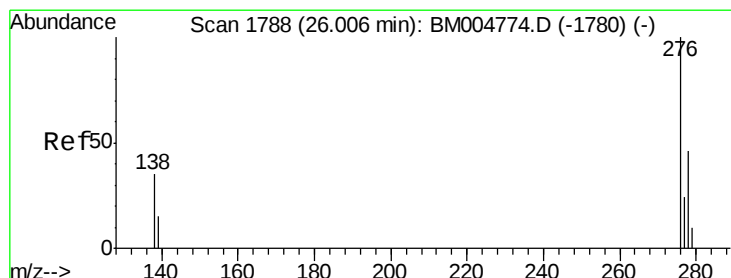
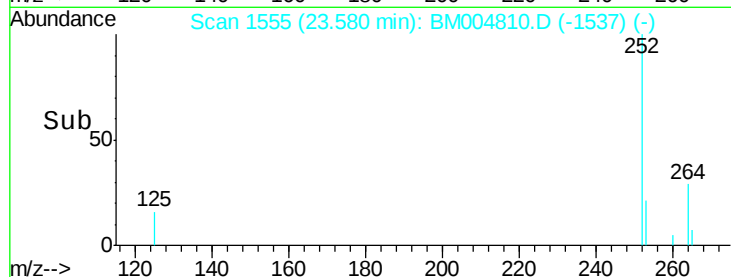
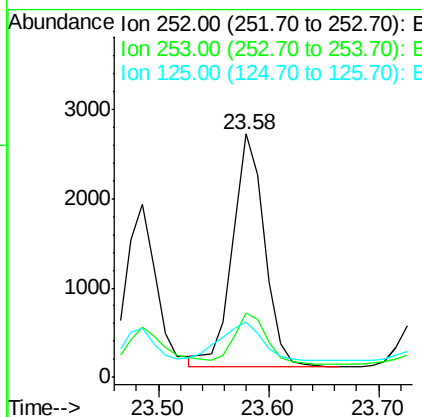
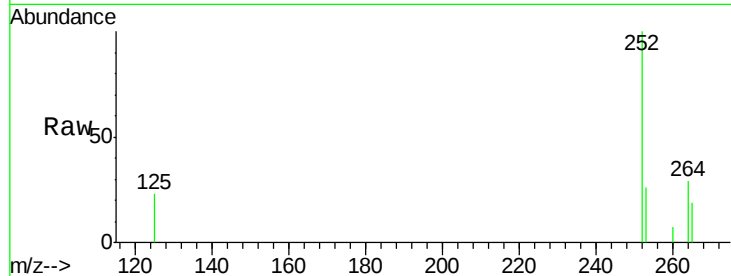
ClientSampleId :

A4T46DL

Tot Ion:	252	Resp:	5253
Ion Ratio	Lower	Upper	
252	100		
253	26.2	19.4	29.2
125	22.7	12.7	19.1#

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#26

Indeno(1,2,3-cd)pyrene

Concen: 0.17 ng/ul

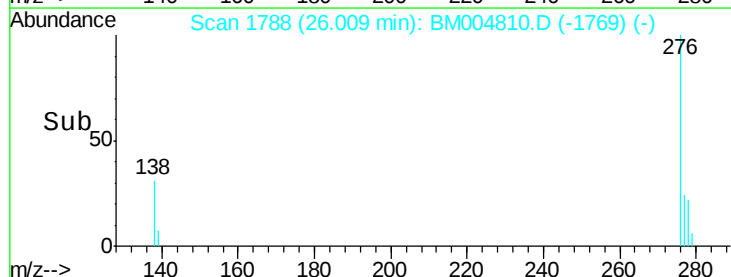
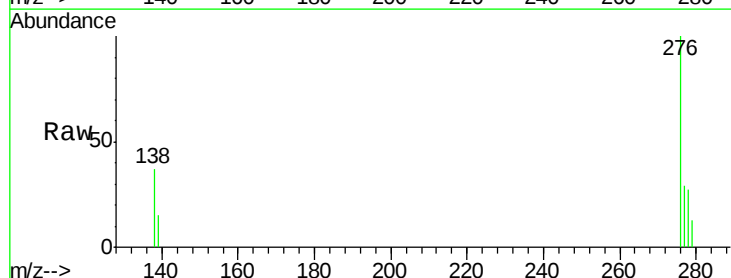
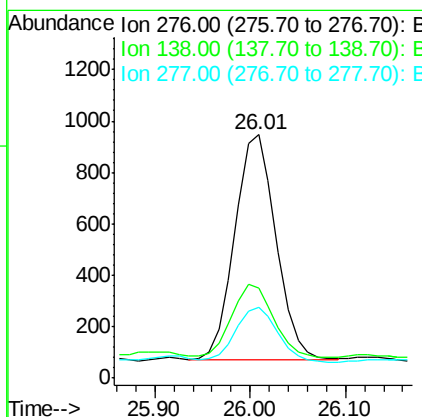
RT: 26.01 min Scan# 1788

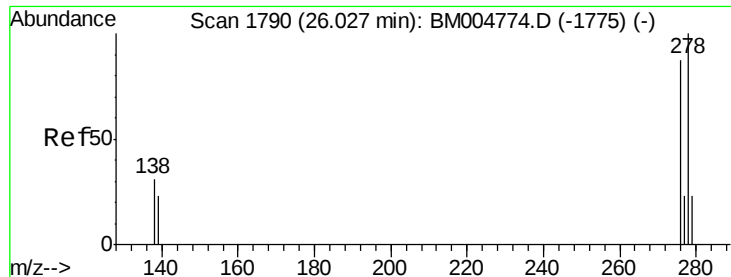
Delta R.T. 0.00 min

Lab File: BM004810.D

Acq: 28 Mar 2016 18:40

Tgt Ion:	276	Resp:	2643
Ion Ratio	Lower	Upper	
276	100		
138	32.4	16.3	24.5#
277	24.3	19.8	29.8





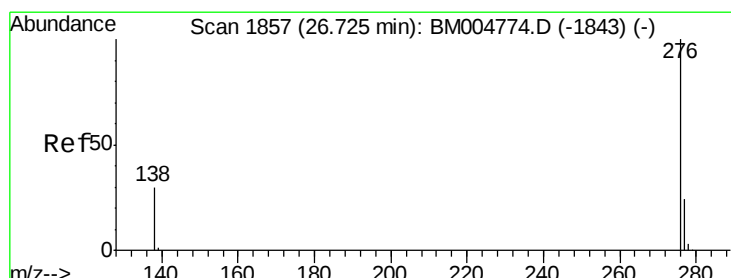
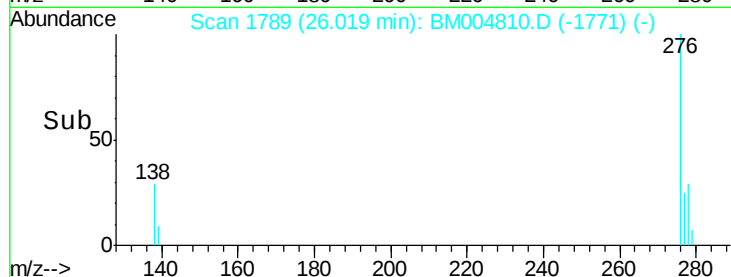
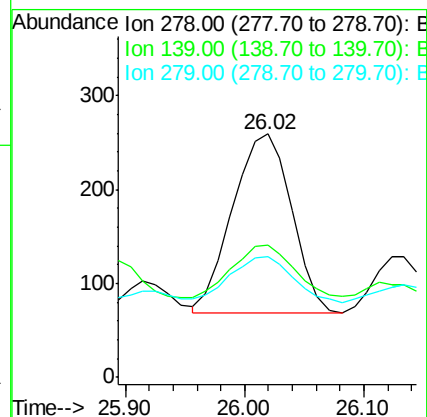
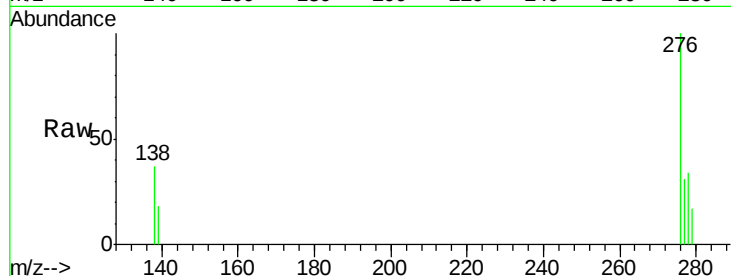
#27
Dibenzo(a,h)anthracene
Concen: 0.05 ng/ul
RT: 26.02 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BM004810.D
Acq: 28 Mar 2016 18:40

Instrument :
BNA_M
ClientSampled :
A4T46DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	54.4	16.4	24.6#
279	49.4	20.2	30.2#

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#28
Benzo(g,h,i)perylene
Concen: 0.18 ng/ul
RT: 26.72 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BM004810.D
Acq: 28 Mar 2016 18:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	29.2	18.9	28.3#
138	39.7	22.5	33.7#

