

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112316\
 Data File : BM008073.D
 Acq On : 24 Nov 2016 14:29
 Operator : UM/SJ
 Sample : H5701-07
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WD2

Manual Integrations
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Quant Time: Nov 25 02:45:42 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 01:27:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	673	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.49	136	2339	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.35	164	1393	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	2644	0.40	ng/ul	-0.02
16) Chrysene-d12	21.28	240	2801	0.40	ng/ul	-0.01
20) Perylene-d12	23.52	264	2511m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.10	152	494	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	1213	0.16	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.06	152	1472	0.23	ng/ul	95
8) Acenaphthene	14.40	153	193	0.04	ng/ul#	91
9) Fluorene	15.39	166	352	0.06	ng/ul#	78
12) Phenanthrene	17.12	178	6417	0.78	ng/ul	97
13) Anthracene	17.23	178	2297m	0.30	ng/ul	
15) Fluoranthene	19.16	202	19468	1.83	ng/ul	93
17) Pyrene	19.52	202	17359	1.79	ng/ul	96
18) Benzo(a)anthracene	21.27	228	13006	1.51	ng/ul	97
19) Chrysene	21.32	228	11950	1.12	ng/ul	97
21) Benzo(b)fluoranthene	22.85	252	18524m	1.85	ng/ul	
22) Benzo(k)fluoranthene	22.89	252	6007m	0.58	ng/ul	
23) Benzo(a)pyrene	23.42	252	12794m	1.36	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.77	276	8913m	0.77	ng/ul	
25) Dibenzo(a,h)anthracene	25.78	278	2332m	0.25	ng/ul	
26) Benzo(g,h,i)perylene	26.46	276	6977m	0.68	ng/ul	

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

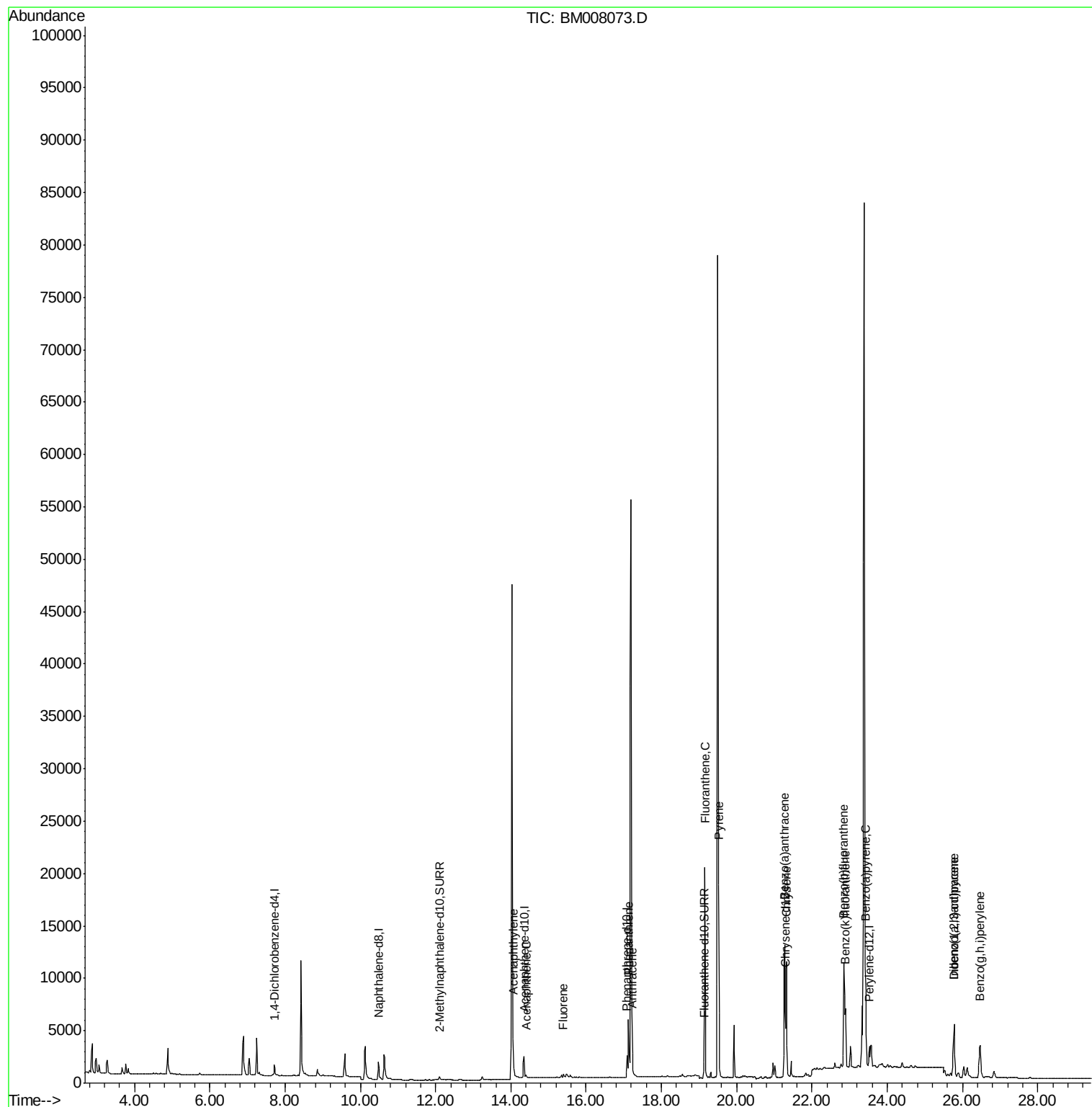
Data Path : Z:\HPCHEM1\BNA M\DATA\BM112316\
Data File : BM008073.D
Acq On : 24 Nov 2016 14:29
Operator : UM/SJ
Sample : H5701-07
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ALS Vial : 39 Sample Multiplier: 1

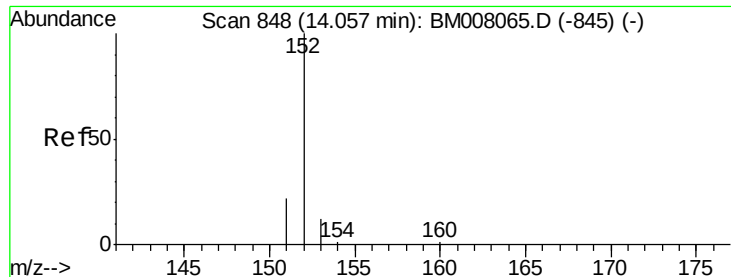
Instrument :
BNA_M
ClientSampleId :
A4WD2

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Quant Time: Nov 25 02:45:42 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 01:27:01 2016
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.23 ng/ul

RT: 14.06 min Scan# 848

Delta R.T. 0.00 min

Lab File: BM008073.D

Acq: 24 Nov 2016 14:29

Instrument :

BNA_M

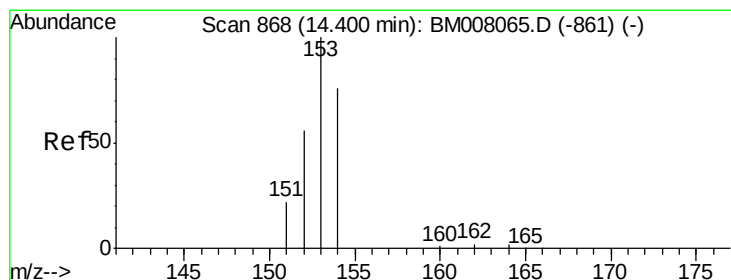
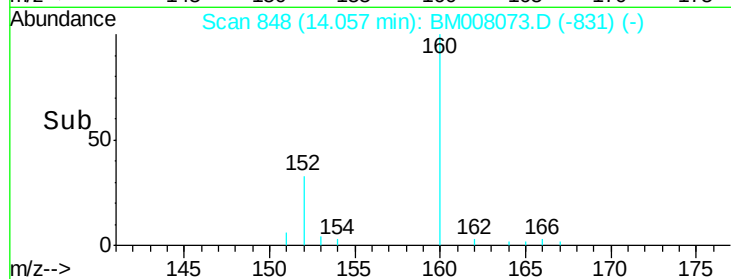
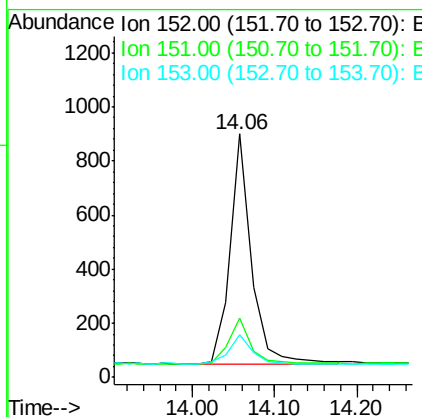
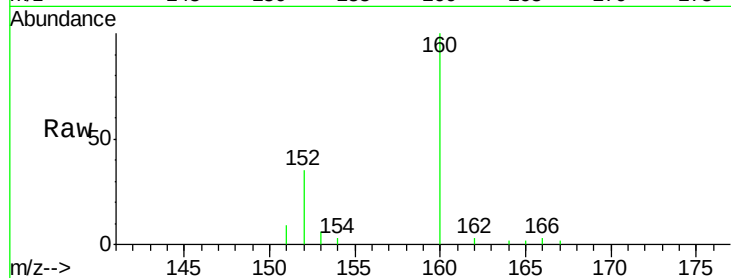
ClientSampleId :

A4WD2

Tot Ion:	152	Resp:	1472
Ion Ratio	Lower	Upper	
152	100		
151	24.3	17.1	25.7
153	17.7	12.8	19.2

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#8

Acenaphthene

Concen: 0.04 ng/ul

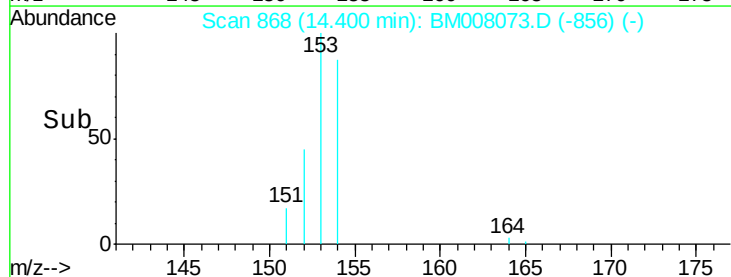
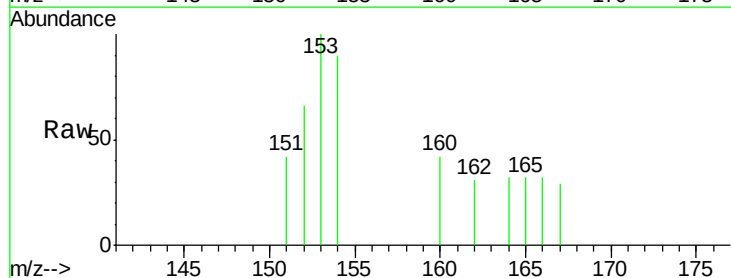
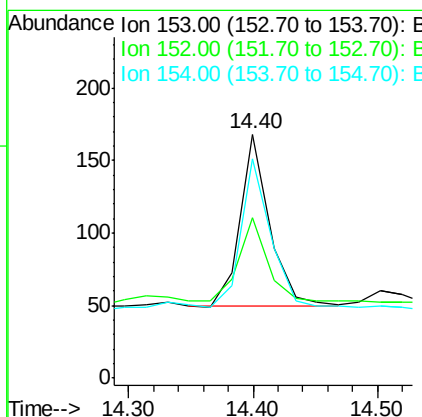
RT: 14.40 min Scan# 868

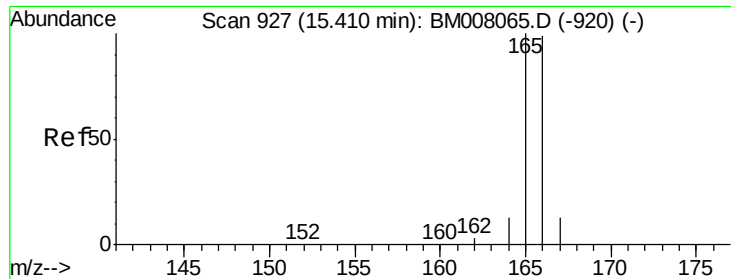
Delta R.T. 0.00 min

Lab File: BM008073.D

Acq: 24 Nov 2016 14:29

Tgt Ion:	153	Resp:	193
Ion Ratio	Lower	Upper	
153	100		
152	66.1	40.3	60.5#
154	89.9	71.4	107.2





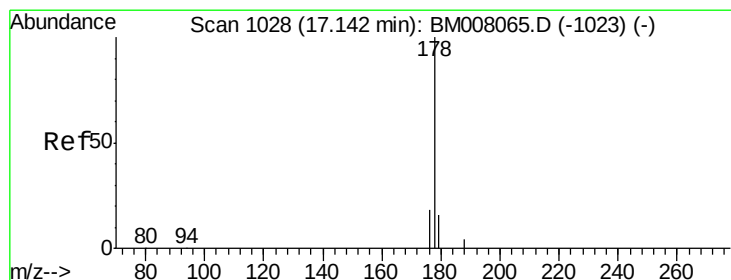
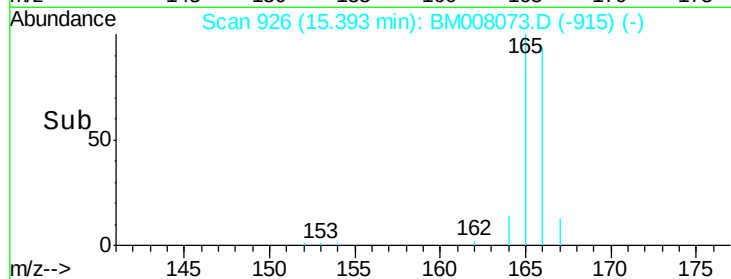
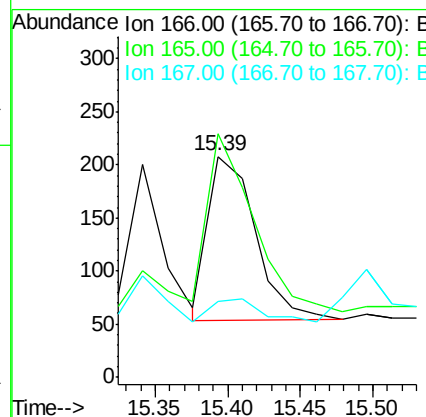
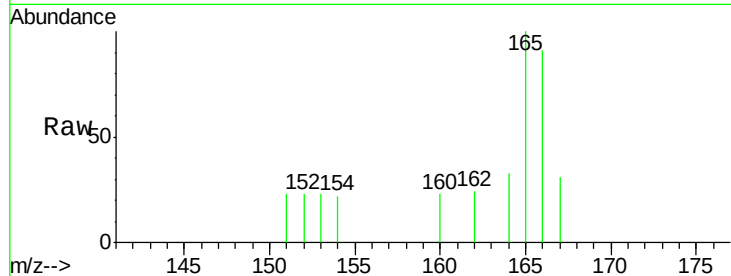
#9
Fluorene
 Concen: 0.06 ng/ul
 RT: 15.39 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BM008073.D
 Acq: 24 Nov 2016 14:29

Instrument :
 BNA_M
 ClientSampled :
 A4WD2

Tot Ion	Ratio	Lower	Upper
166	100		
165	110.1	73.4	110.2
167	34.6	14.6	22.0

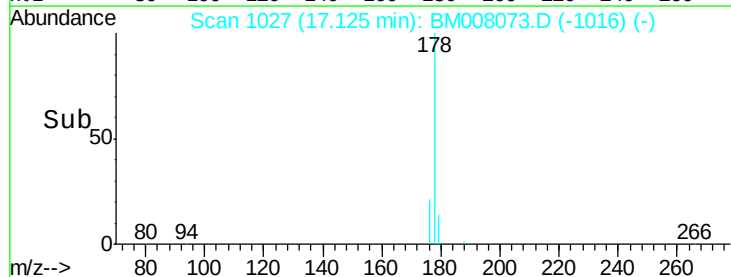
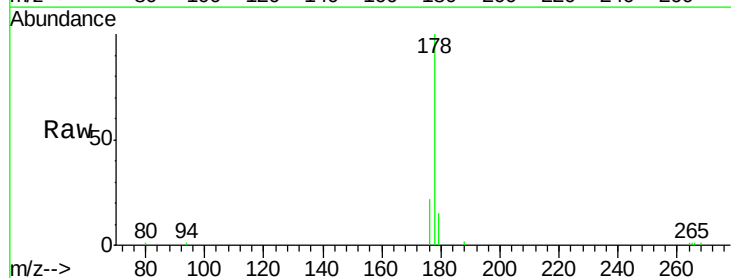
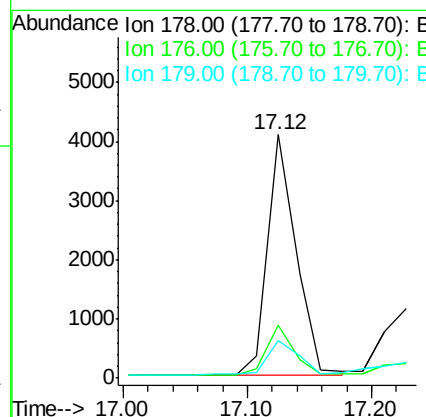
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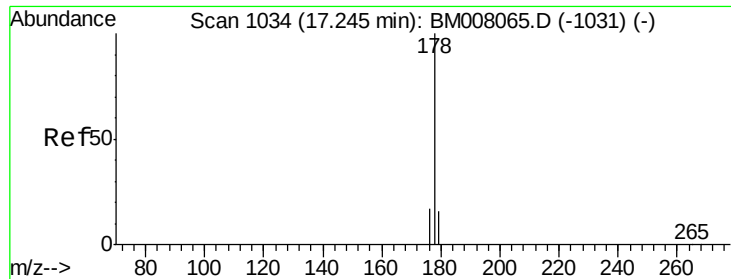
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#12
Phenanthrene
 Concen: 0.78 ng/ul
 RT: 17.12 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BM008073.D
 Acq: 24 Nov 2016 14:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.8	18.4	27.6
179	15.5	13.6	20.4





#13

Anthracene

Concen: 0.30 ng/ul m

RT: 17.23 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BM008073.D

Acq: 24 Nov 2016 14:29

Instrument :

BNA_M

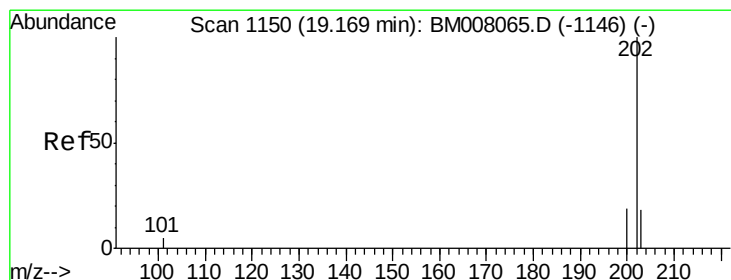
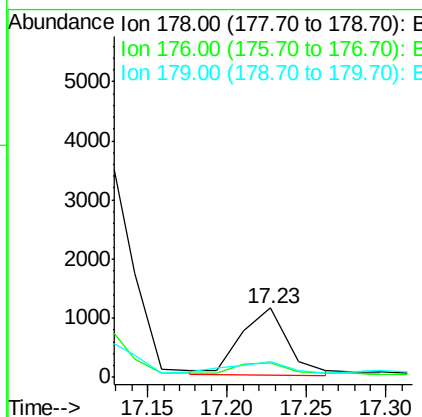
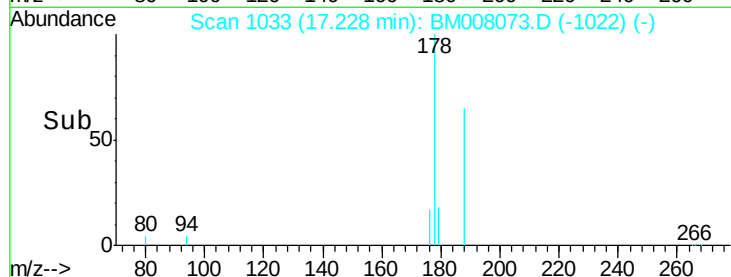
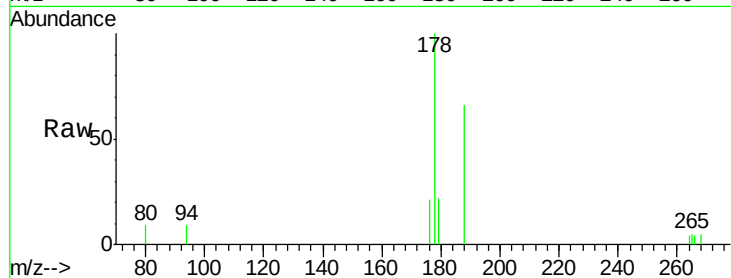
ClientSampleId :

A4WD2

Tot Ion:	178	Resp:	2297
Ion Ratio	Lower	Upper	
178	100		
176	21.0	18.1	27.1
179	22.4	14.7	22.1#

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#15

Fluoranthene

Concen: 1.83 ng/ul

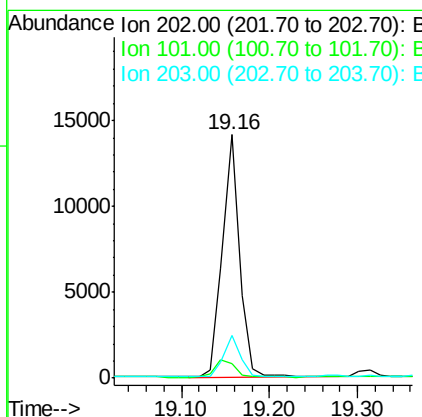
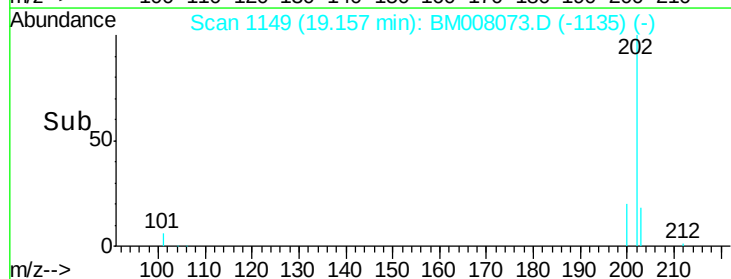
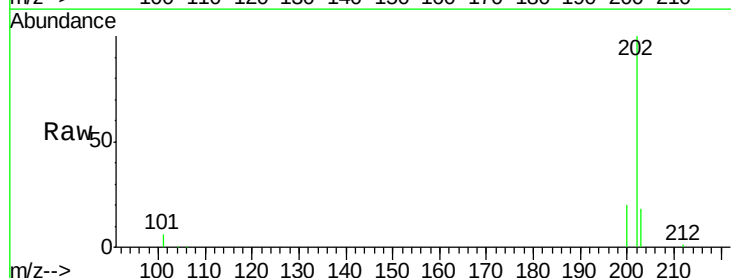
RT: 19.16 min Scan# 1149

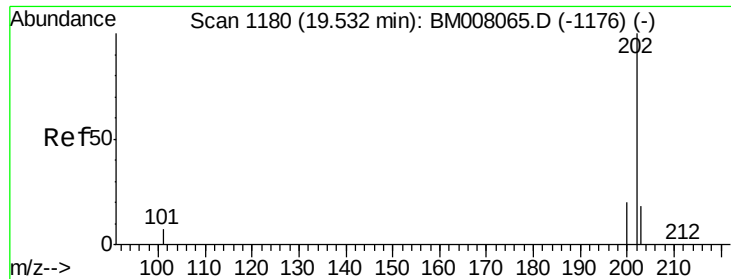
Delta R.T. -0.01 min

Lab File: BM008073.D

Acq: 24 Nov 2016 14:29

Tgt Ion:	202	Resp:	19468
Ion Ratio	Lower	Upper	
202	100		
101	5.8	0.0	30.3
203	17.6	0.0	39.5





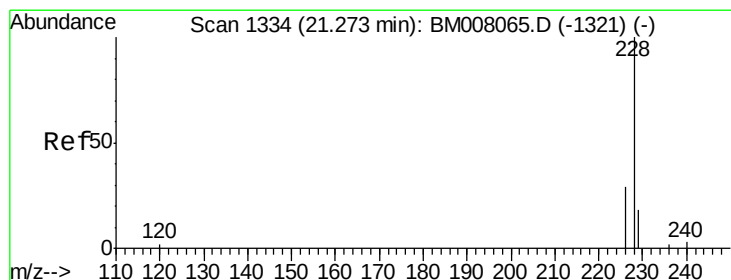
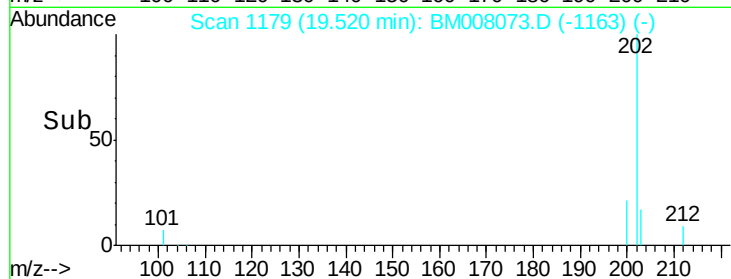
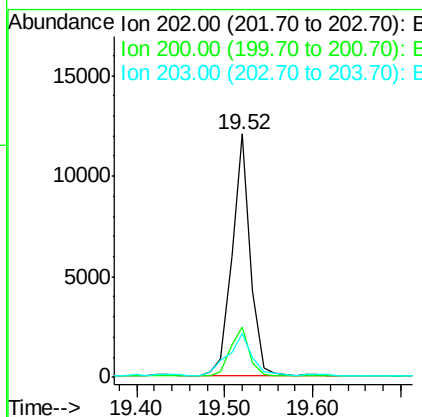
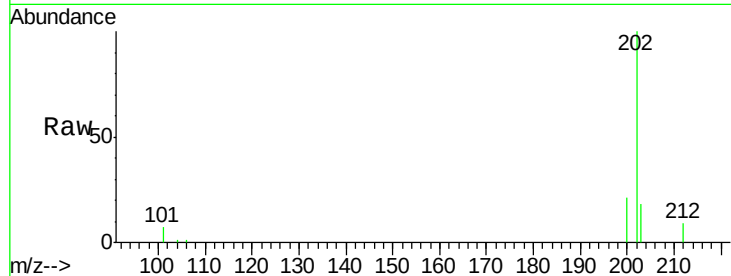
#17
Pvrene
Concen: 1.79 ng/ul
RT: 19.52 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BM008073.D
Acq: 24 Nov 2016 14:29

Instrument :
BNA_M
ClientSampleId :
A4WD2

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	18.2	27.4
203	18.1	15.6	23.4

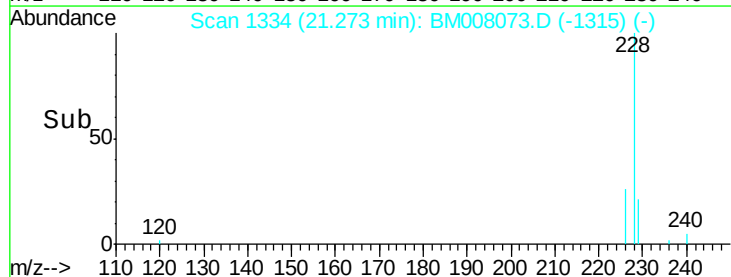
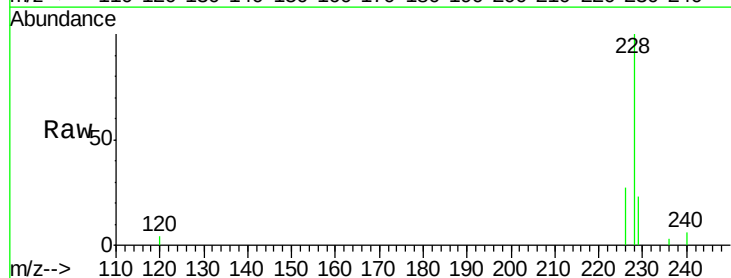
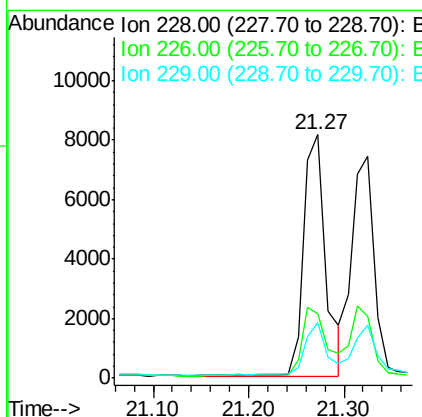
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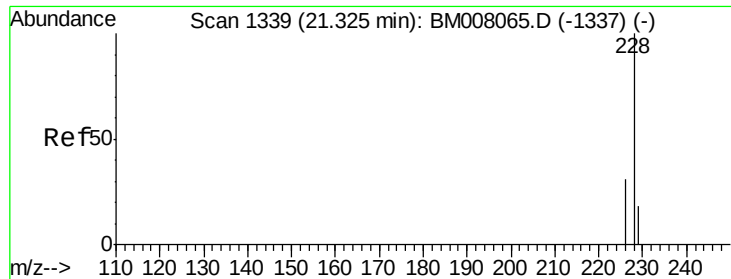
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#18
Benzo(a)anthracene
Concen: 1.51 ng/ul
RT: 21.27 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BM008073.D
Acq: 24 Nov 2016 14:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.8	34.2
229	23.0	17.0	25.6





#19

Chrysene

Concen: 1.12 ng/ul

RT: 21.32 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BM008073.D

Acq: 24 Nov 2016 14:29

Instrument :

BNA_M

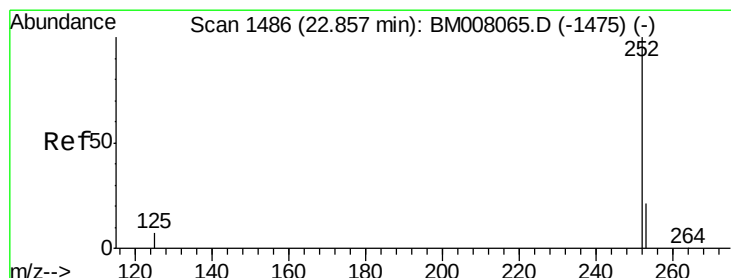
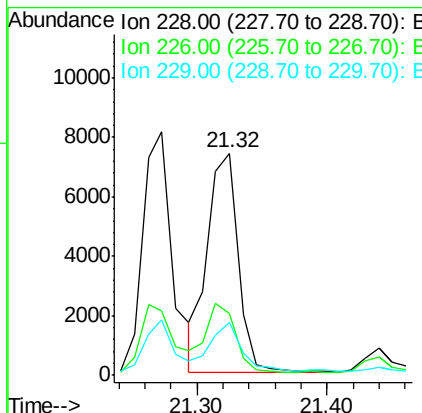
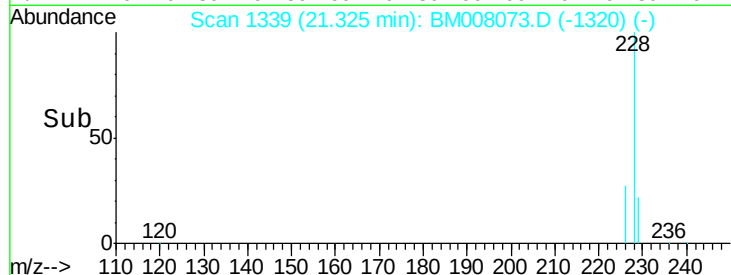
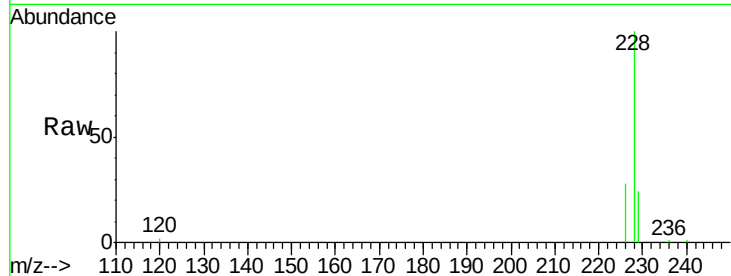
ClientSampled :

A4WD2

Tot Ion:	228	Resp:	11950
Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.4	35.0
229	23.6	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 1.85 ng/ul m

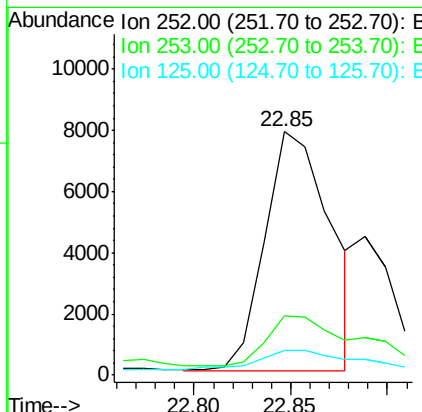
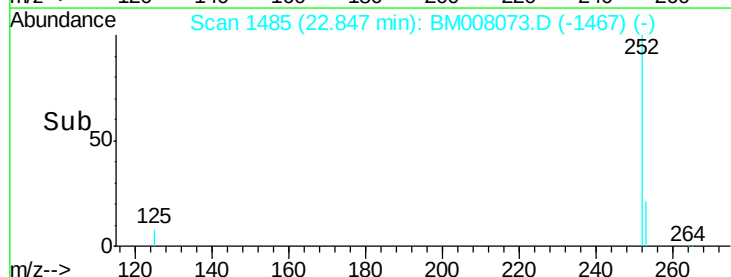
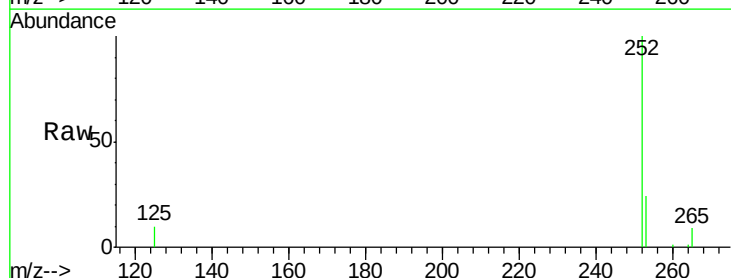
RT: 22.85 min Scan# 1485

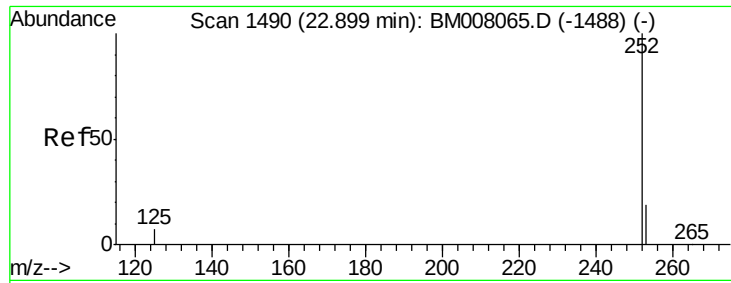
Delta R.T. -0.01 min

Lab File: BM008073.D

Acq: 24 Nov 2016 14:29

Tgt Ion:	252	Resp:	18524
Ion	Ratio	Lower	Upper
252	100		
253	24.1	0.0	64.2
125	10.1	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.58 ng/ul m

RT: 22.89 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BM008073.D

Acq: 24 Nov 2016 14:29

Instrument :

BNA_M

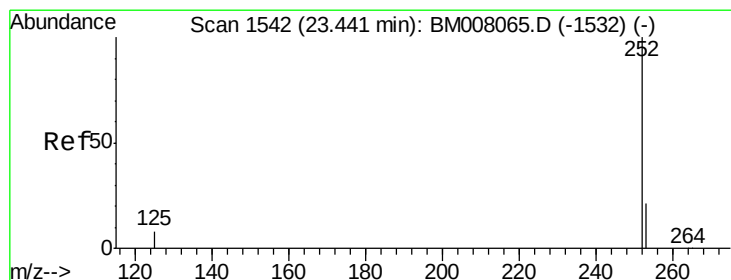
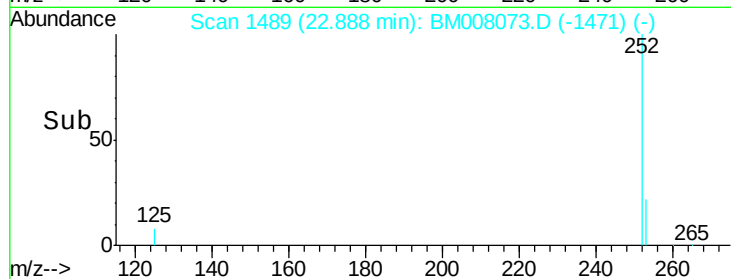
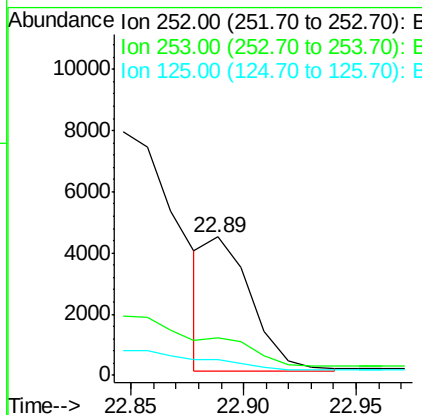
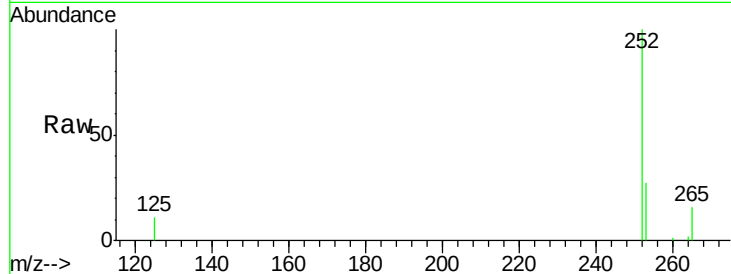
ClientSampleId :

A4WD2

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.9	24.5	36.7
125	11.4	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 1.36 ng/ul m

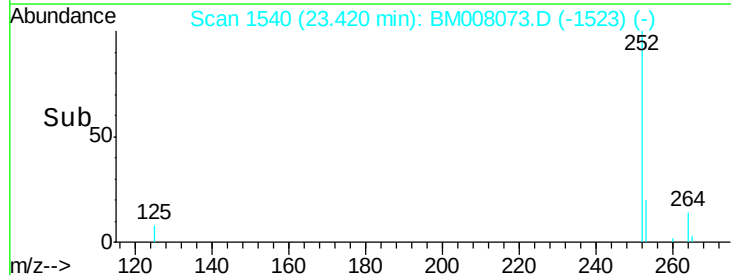
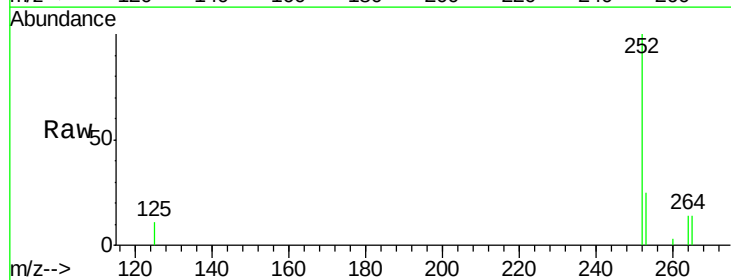
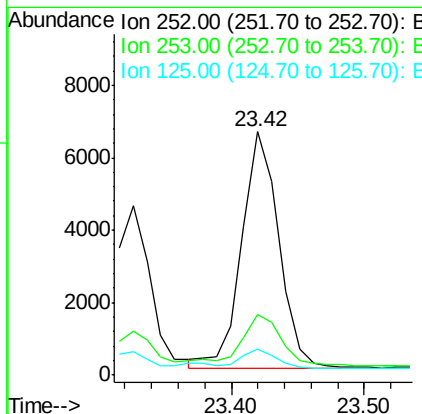
RT: 23.42 min Scan# 1540

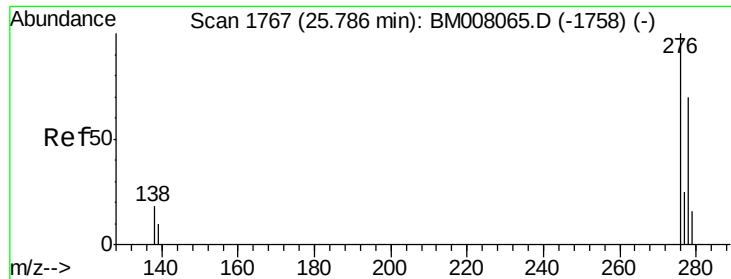
Delta R.T. -0.02 min

Lab File: BM008073.D

Acq: 24 Nov 2016 14:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	28.5	42.7#
125	10.5	18.1	27.1#





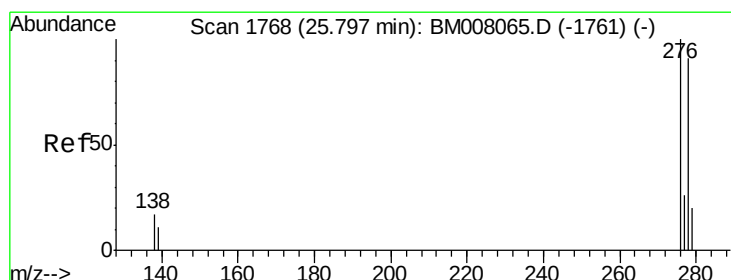
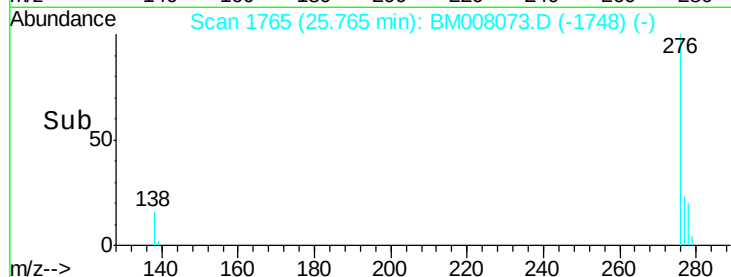
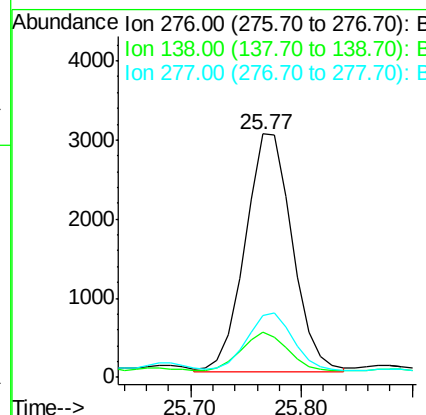
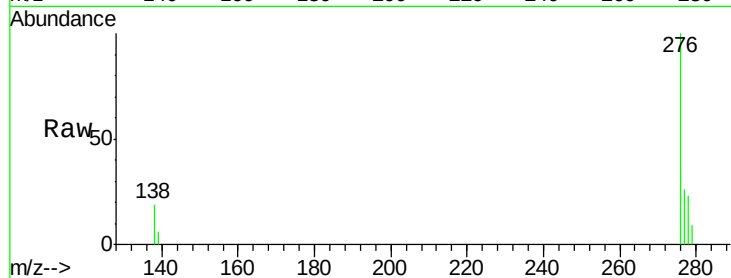
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.77 ng/ul m
RT: 25.77 min Scan# 1765
Delta R.T. -0.02 min
Lab File: BM008073.D
Acq: 24 Nov 2016 14:29

Instrument :
BNA_M
ClientSampleId :
A4WD2

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.1	28.7#
277	2.3	19.6	29.4#

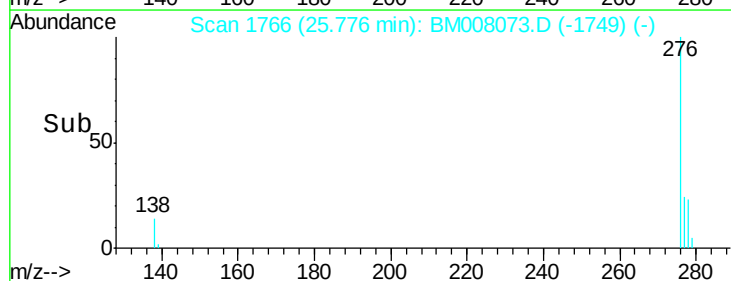
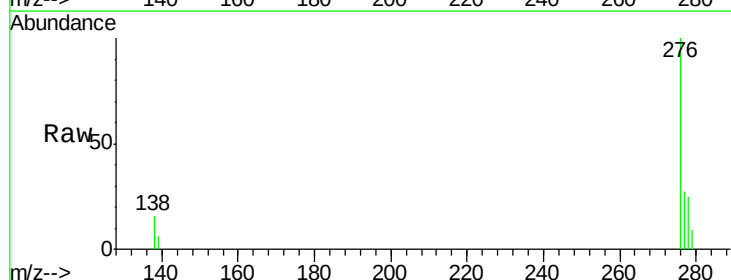
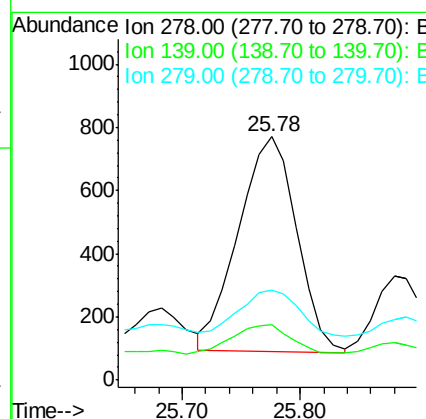
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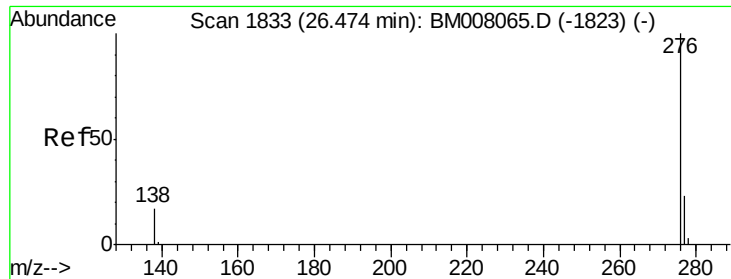
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#25
Dibenzo(a,h)anthracene
Concen: 0.25 ng/ul m
RT: 25.78 min Scan# 1766
Delta R.T. -0.02 min
Lab File: BM008073.D
Acq: 24 Nov 2016 14:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.6	17.4	26.0
279	37.1	25.9	38.9





#26
 Benzo(a,h,i)perylene
 Concen: 0.68 ng/ul m
 RT: 26.46 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: BM008073.D
 Acq: 24 Nov 2016 14:29

Instrument :
 BNA_M
 ClientSampleId :
 A4WD2

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.7	21.8	32.8
138	18.4	20.5	30.7

Manual Integrations
 APPROVED

Umangi
 11/28/2016 5:29:44 PM

