

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112816\
 Data File : BM008090.D
 Acq On : 28 Nov 2016 17:22
 Operator : UM/SJ
 Sample : H5701-07DL 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WD2DL

Manual Integrations
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Quant Time: Nov 28 17:56:26 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	652	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.50	136	2277	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.35	164	1364	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	2540	0.40	ng/ul	-0.02
16) Chrysene-d12	21.30	240	2338	0.40	ng/ul	0.00
20) Perylene-d12	23.54	264	2358	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.10	152	257	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.14	212	788	0.11	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.06	152	841	0.14	ng/ul#	84
8) Acenaphthene	14.40	153	126	0.03	ng/ul#	85
9) Fluorene	15.41	166	199	0.04	ng/ul#	81
12) Phenanthrene	17.14	178	3136	0.40	ng/ul#	93
13) Anthracene	17.23	178	1310m	0.18	ng/ul	
15) Fluoranthene	19.16	202	9297	0.91	ng/ul	97
17) Pyrene	19.52	202	7956	0.98	ng/ul	99
18) Benzo(a)anthracene	21.28	228	5492	0.77	ng/ul#	80
19) Chrysene	21.33	228	5362	0.60	ng/ul#	78
21) Benzo(b)fluoranthene	22.86	252	8301m	0.88	ng/ul	
22) Benzo(k)fluoranthene	22.90	252	2565m	0.26	ng/ul	
23) Benzo(a)pyrene	23.43	252	5716	0.65	ng/ul#	75
24) Indeno(1,2,3-cd)pyrene	25.79	276	3876	0.36	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.80	278	908	0.10	ng/ul#	1
26) Benzo(g,h,i)perylene	26.49	276	3253	0.34	ng/ul#	64

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

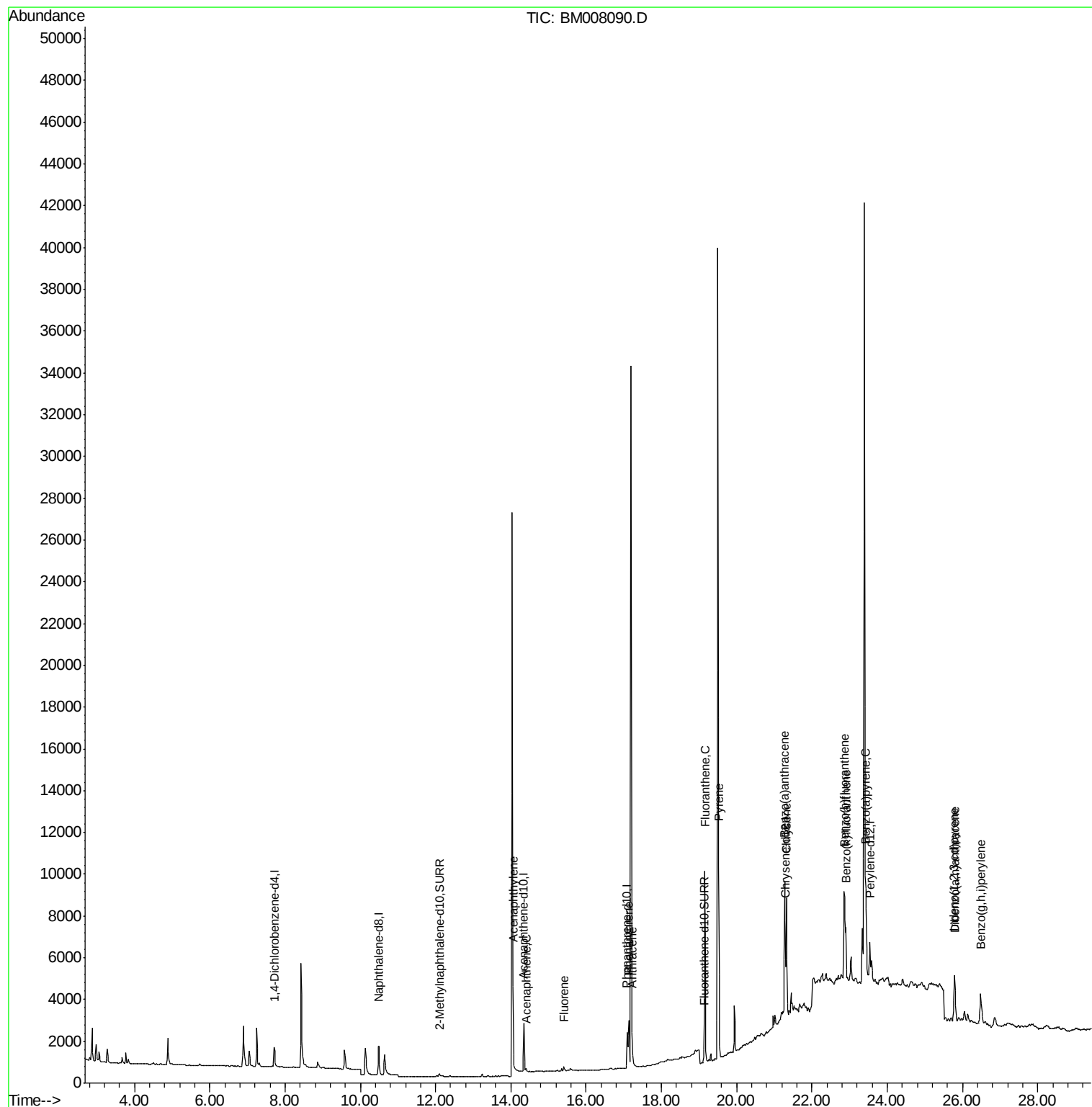
Data Path : Z:\HPCHEM1\BNA M\DATA\BM112816\
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ALS Vial : 8 Sample Multiplier: 1

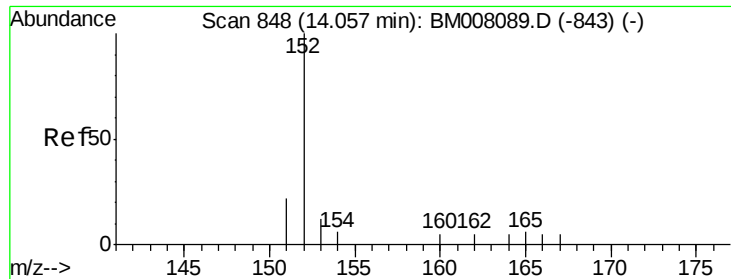
Instrument :
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A4WD2DL

Manual Integrations
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11/29/2016 2:22:38 PM

Quant Time: Nov 28 17:56:26 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: 0.14 ng/ul

RT: 14.06 min Scan# 848

Delta R.T. 0.00 min

Lab File: BM008090.D

Acq: 28 Nov 2016 17:22

Instrument :

BNA_M

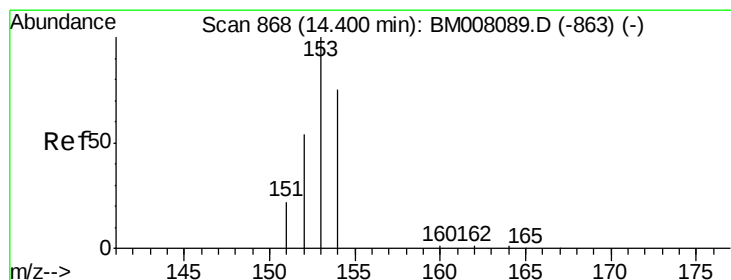
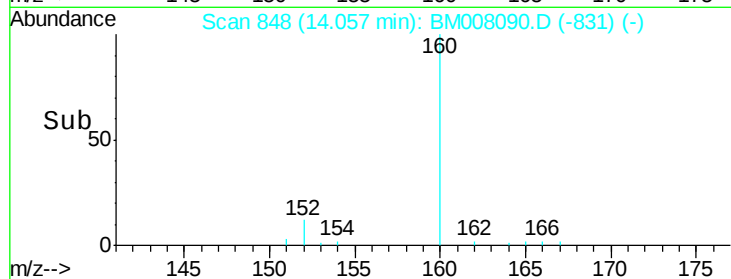
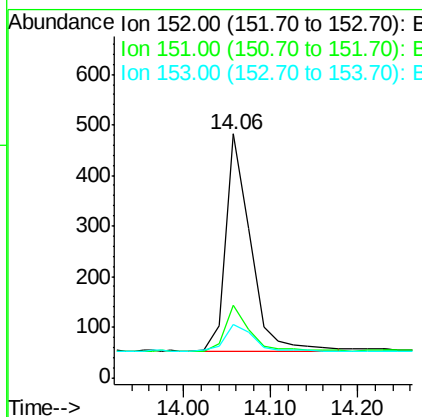
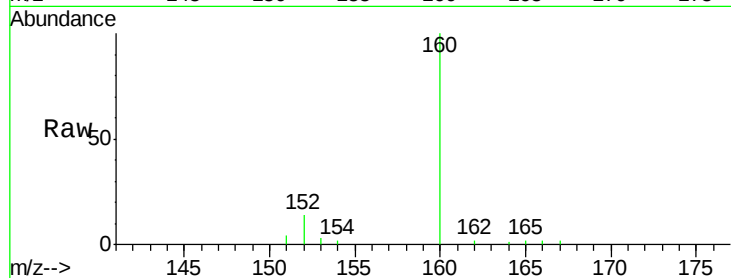
ClientSampleId :

A4WD2DL

Tot Ion:	152	Resp:	841
Ion Ratio	Lower	Upper	
152	100		
151	29.7	17.1	25.7#
153	21.8	12.8	19.2#

Manual Integrations
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#8

Acenaphthene

Concen: 0.03 ng/ul

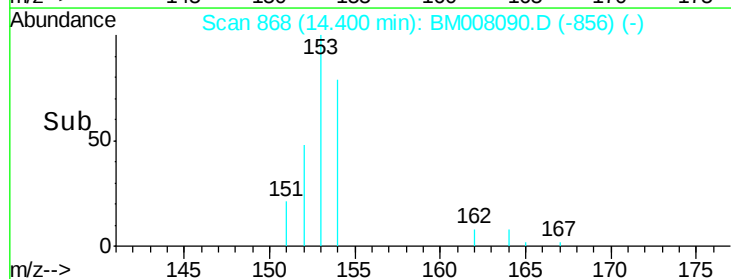
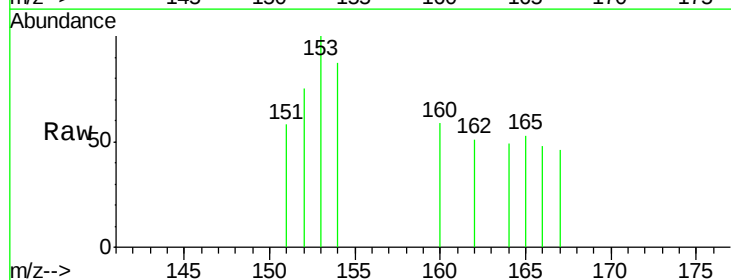
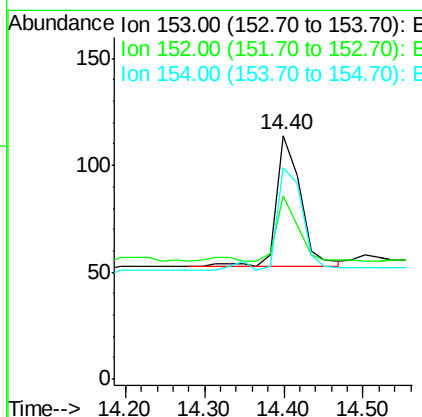
RT: 14.40 min Scan# 868

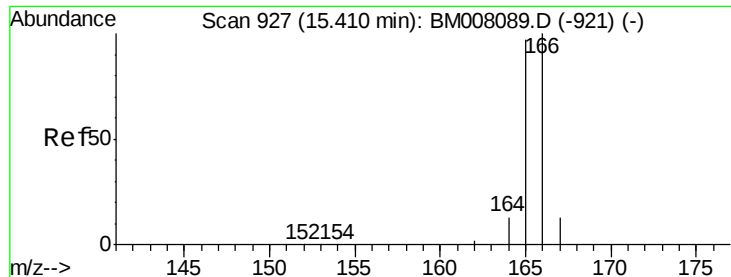
Delta R.T. 0.00 min

Lab File: BM008090.D

Acq: 28 Nov 2016 17:22

Tgt Ion:	153	Resp:	126
Ion Ratio	Lower	Upper	
153	100		
152	75.4	40.3	60.5#
154	86.8	71.4	107.2





#9

Fluorene

Concen: 0.04 ng/ul

RT: 15.41 min Scan# 927

Delta R.T. 0.00 min

Lab File: BM008090.D

Acq: 28 Nov 2016 17:22

Instrument :

BNA_M

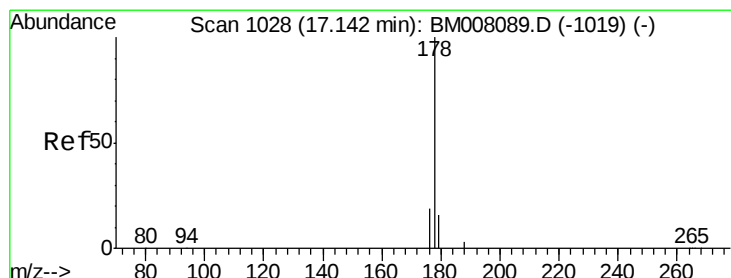
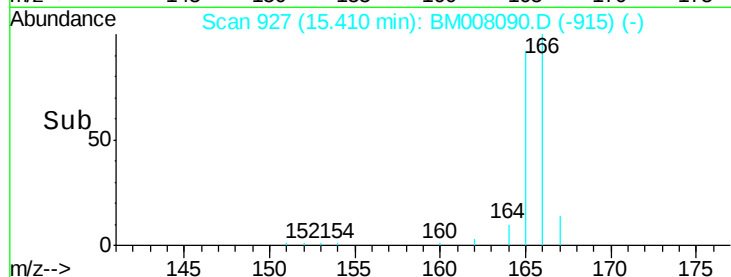
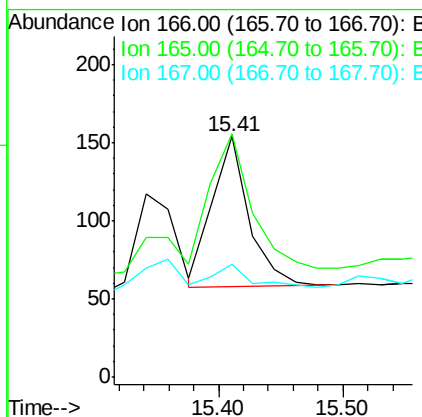
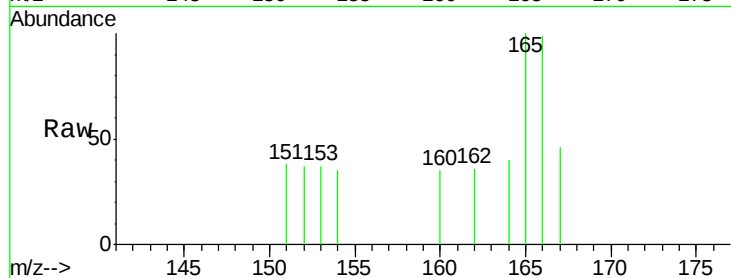
ClientSampleID :

A4WD2DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.3	73.4	110.2
167	46.8	14.6	22.0

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#12

Phenanthrene

Concen: 0.40 ng/ul

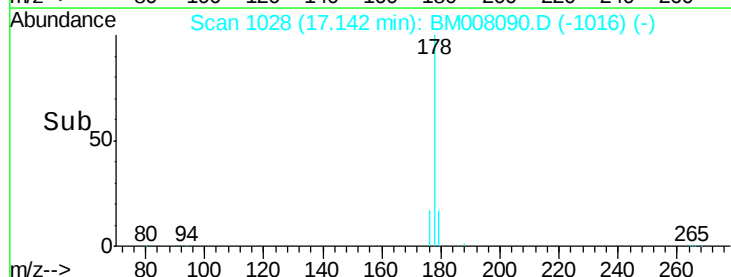
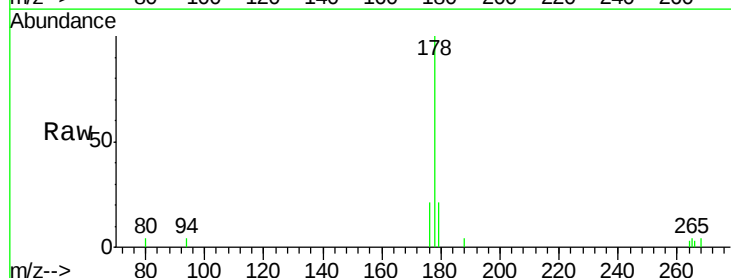
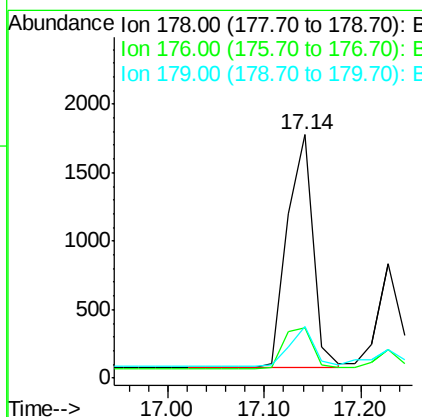
RT: 17.14 min Scan# 1028

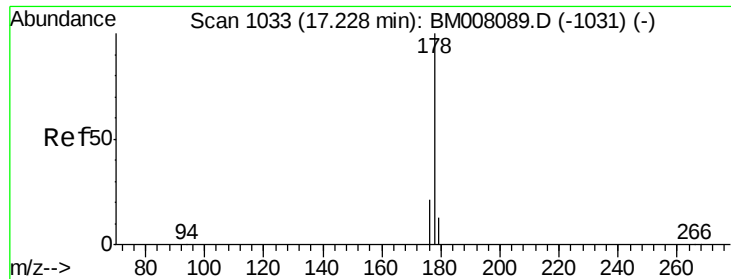
Delta R.T. 0.00 min

Lab File: BM008090.D

Acq: 28 Nov 2016 17:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	18.4	27.6
179	21.3	13.6	20.4





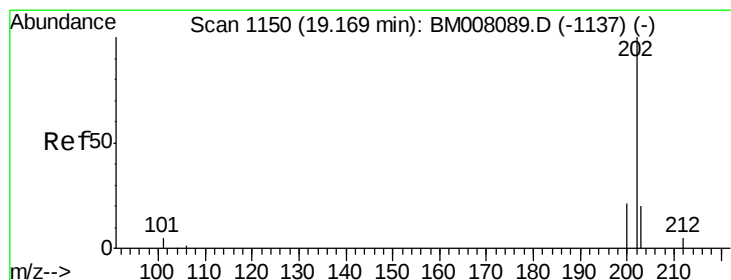
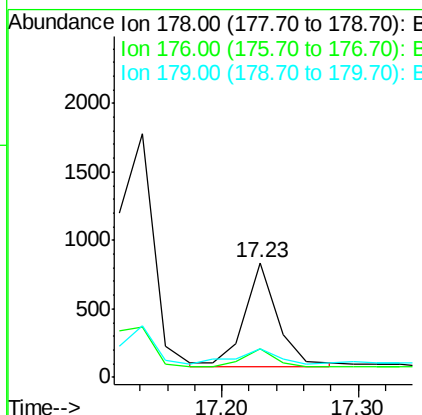
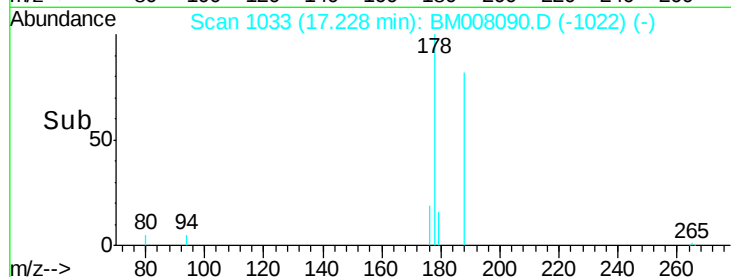
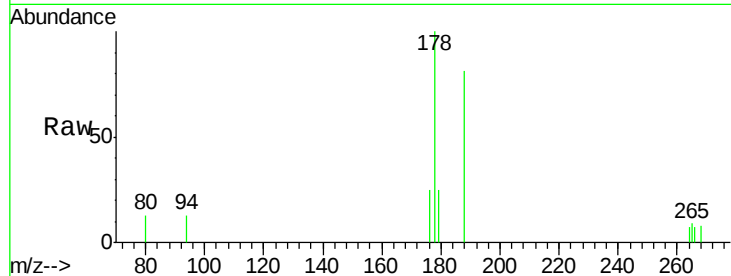
#13
 Anthracene
 Concen: 0.18 ng/ul m
 RT: 17.23 min Scan# 1033
 Delta R.T. -0.02 min
 Lab File: BM008090.D
 Acq: 28 Nov 2016 17:22

Instrument :
 BNA_M
 ClientSampleId :
 A4WD2DL

Tot Ion	Ratio	Lower	Upper
178	100		
176	25.4	18.1	27.1
179	25.0	14.7	22.1

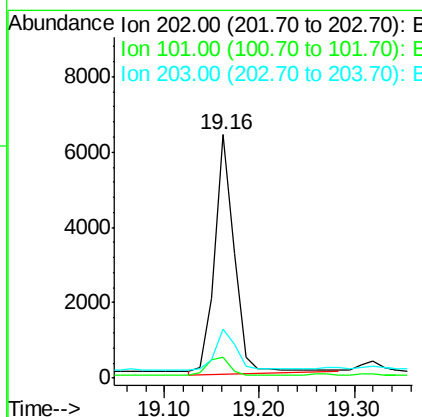
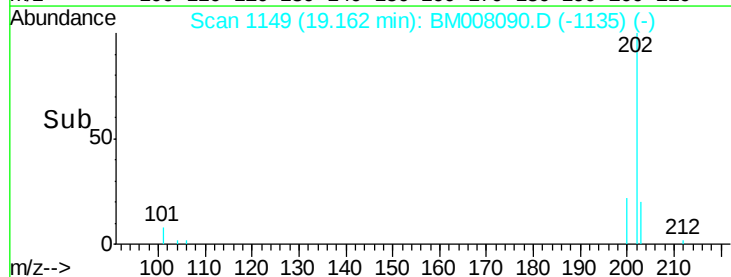
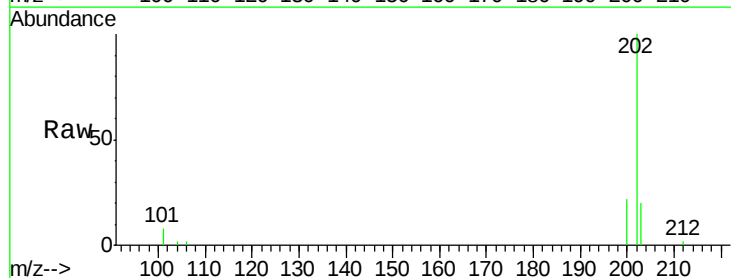
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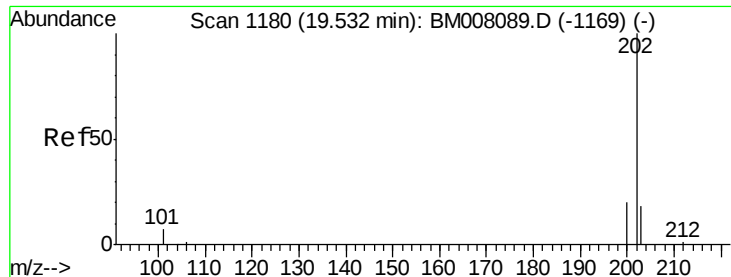
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#15
 Fluoranthene
 Concen: 0.91 ng/ul
 RT: 19.16 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BM008090.D
 Acq: 28 Nov 2016 17:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	30.3
203	20.2	0.0	39.5





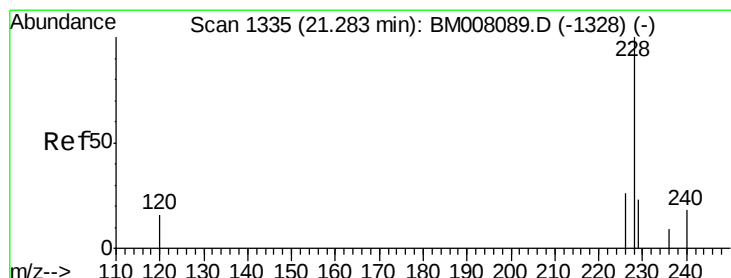
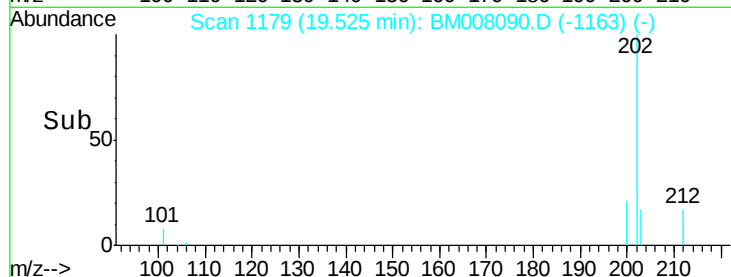
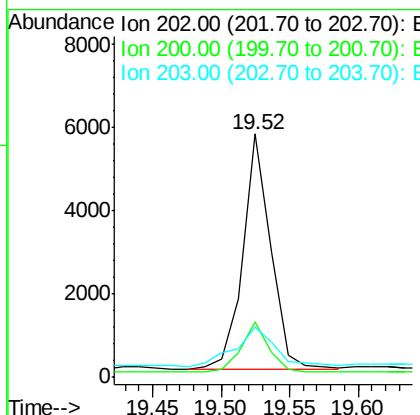
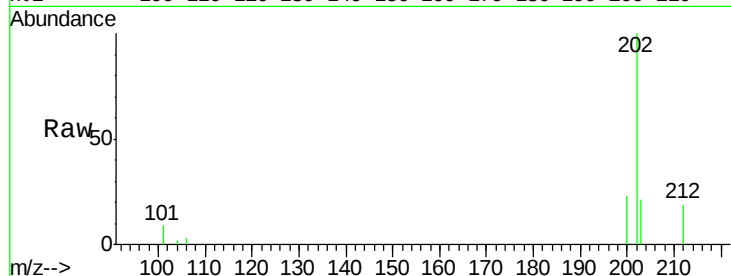
#17
Pvrene
Concen: 0.98 ng/ul
RT: 19.52 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BM008090.D
Acq: 28 Nov 2016 17:22

Instrument :
BNA_M
ClientSampleId :
A4WD2DL

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.8	18.2	27.4
203	20.9	15.6	23.4

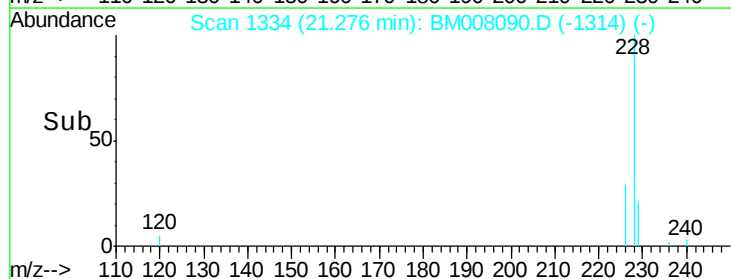
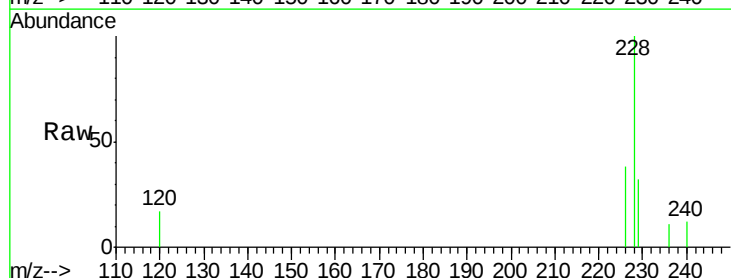
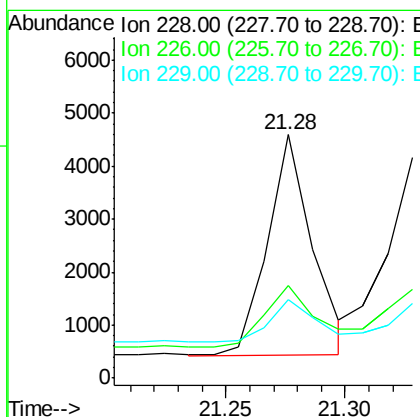
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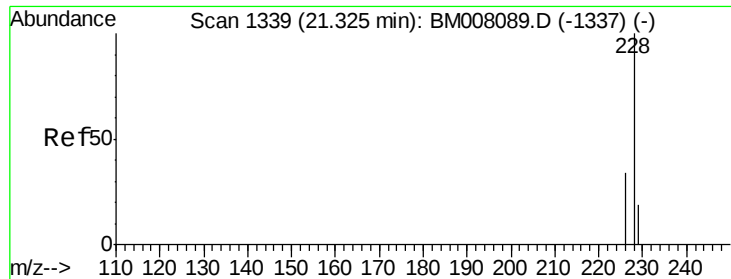
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#18
Benzo(a)anthracene
Concen: 0.77 ng/ul
RT: 21.28 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BM008090.D
Acq: 28 Nov 2016 17:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	38.1	22.8	34.2#
229	32.2	17.0	25.6#





#19

Chrysene

Concen: 0.60 ng/ul

RT: 21.33 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BM008090.D

Acq: 28 Nov 2016 17:22

Instrument :

BNA_M

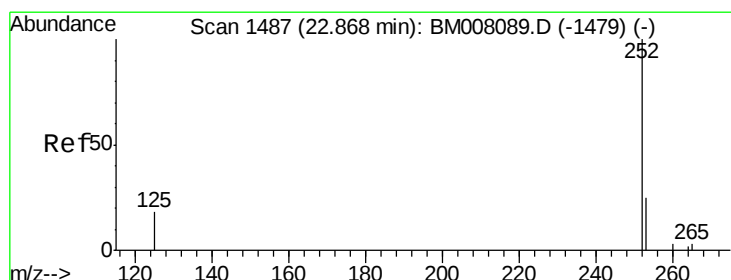
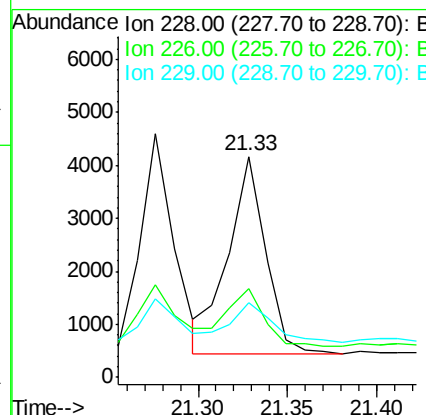
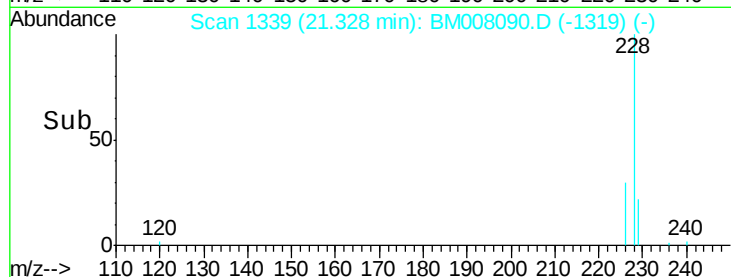
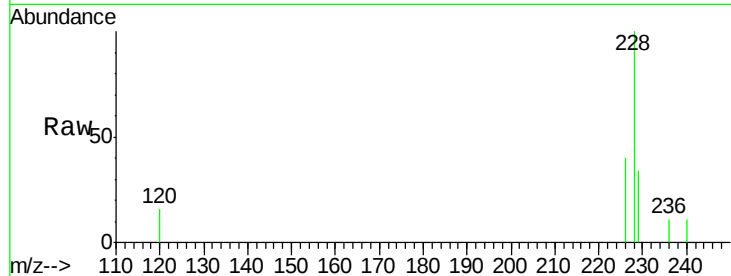
ClientSampleID :

A4WD2DL

Tot Ion:	228	Resp:	5362
Ion Ratio	Lower	Upper	
228	100		
226	40.3	23.4	35.0#
229	33.7	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.88 ng/ul m

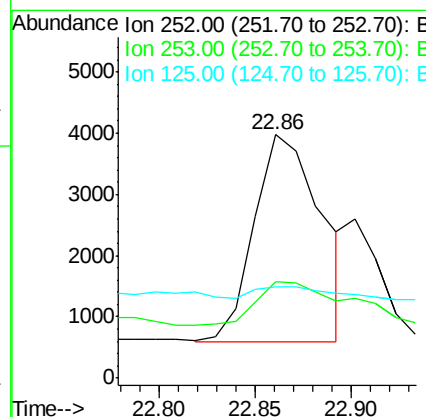
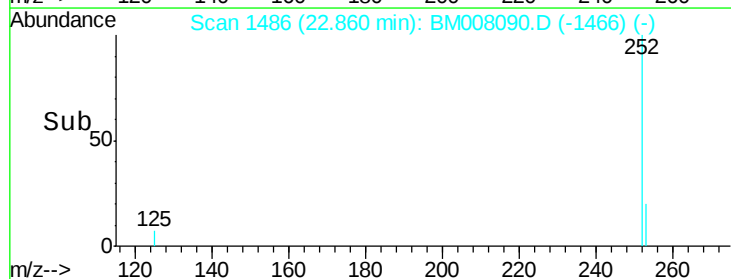
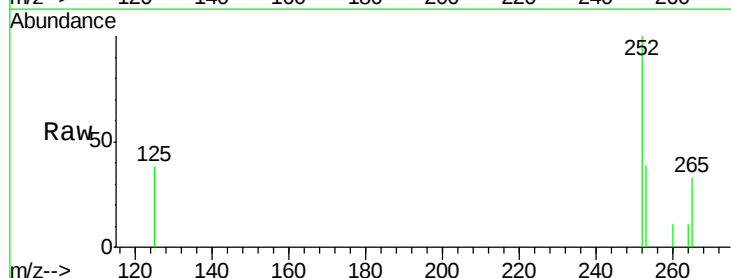
RT: 22.86 min Scan# 1486

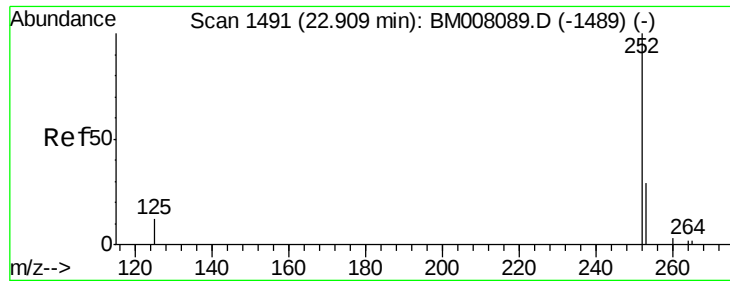
Delta R.T. 0.00 min

Lab File: BM008090.D

Acq: 28 Nov 2016 17:22

Tgt Ion:	252	Resp:	8301
Ion Ratio	Lower	Upper	
252	100		
253	39.4	0.0	64.2
125	37.7	0.0	35.0#





#22

Benzo(k)fluoranthene

Concen: 0.26 ng/ul m

RT: 22.90 min Scan# 1490

Delta R.T. 0.00 min

Lab File: BM008090.D

Acq: 28 Nov 2016 17:22

Instrument :

BNA_M

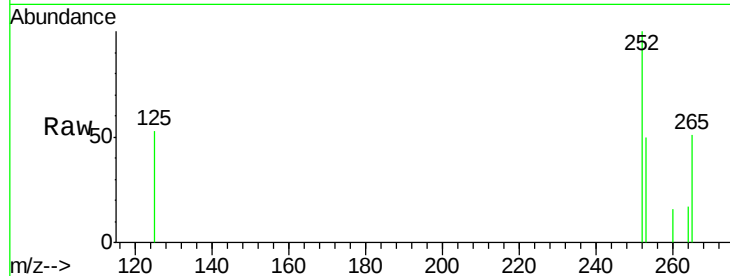
ClientSampleId :

A4WD2DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	50.4	24.5	36.7#
125	53.0	13.7	20.5#

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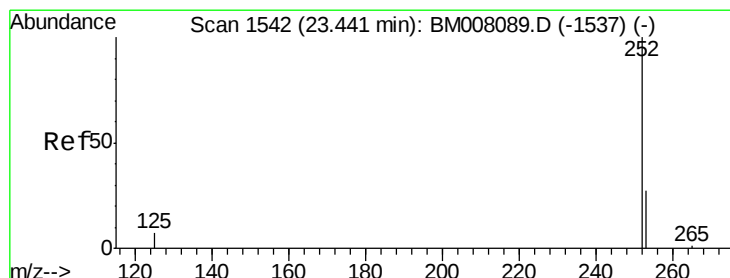
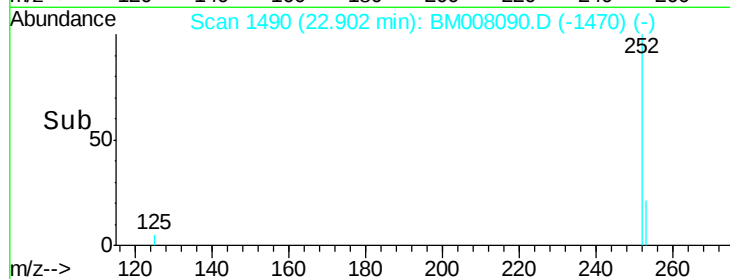
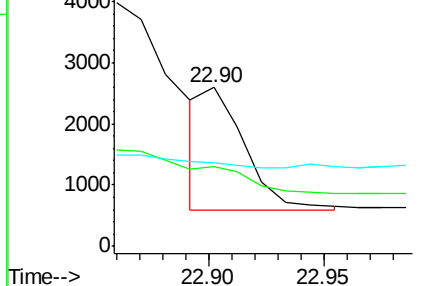
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 0.65 ng/ul

RT: 23.43 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BM008090.D

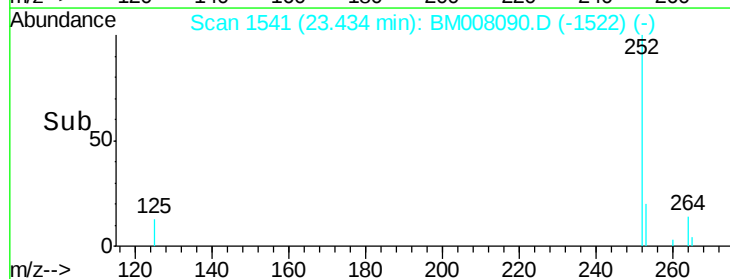
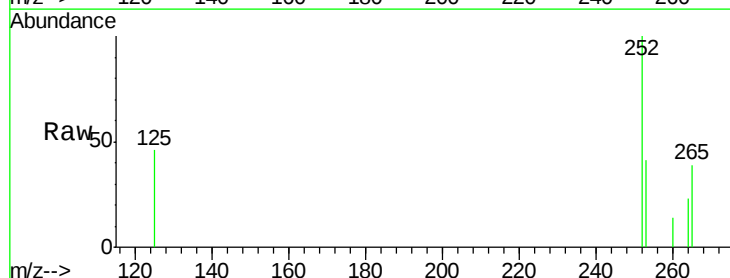
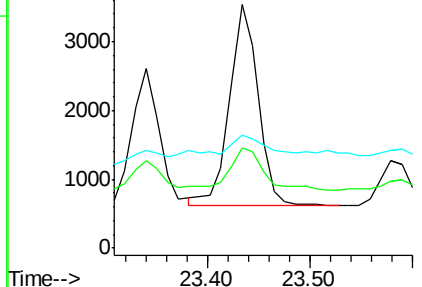
Acq: 28 Nov 2016 17:22

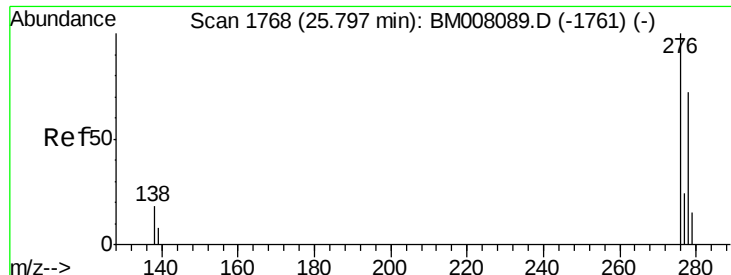
Tgt Ion	Ratio	Lower	Upper
252	100		
253	41.4	28.5	42.7
125	46.3	18.1	27.1#

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





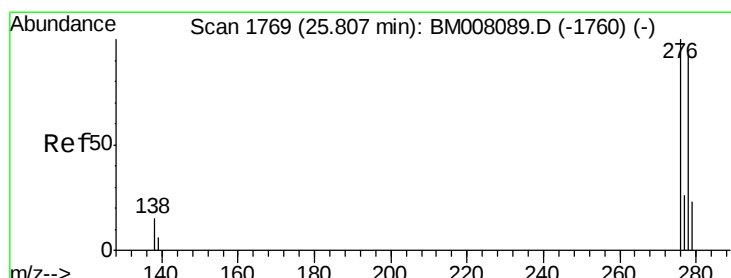
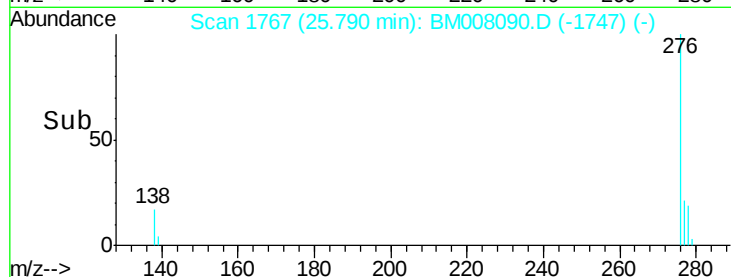
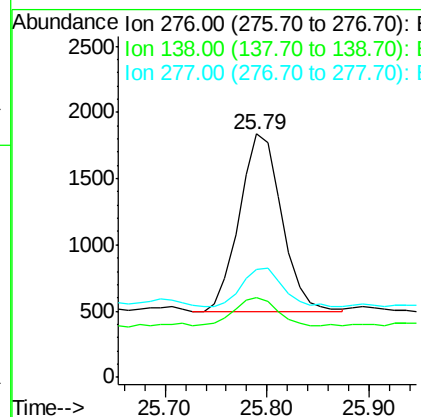
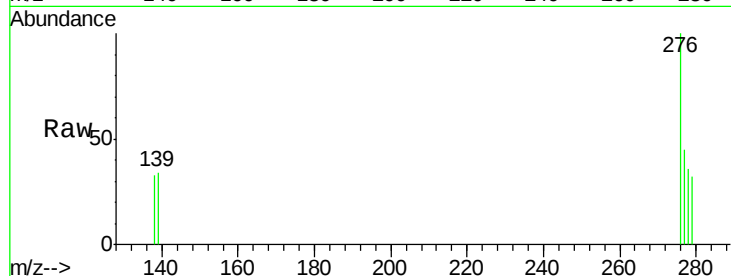
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.36 ng/ul
 RT: 25.79 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BM008090.D
 Acq: 28 Nov 2016 17:22

Instrument :
 BNA_M
 ClientSampleID :
 A4WD2DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.7	19.1	28.7#
277	21.6	19.6	29.4

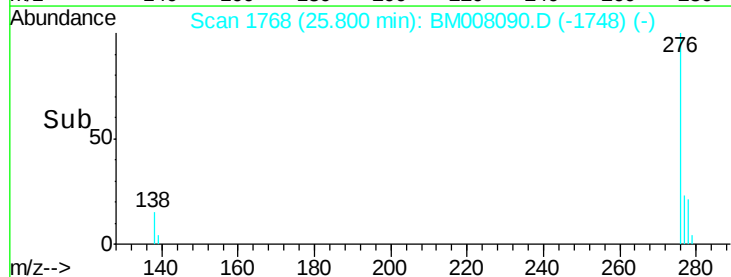
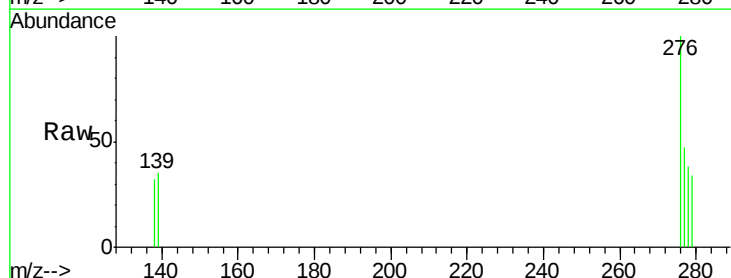
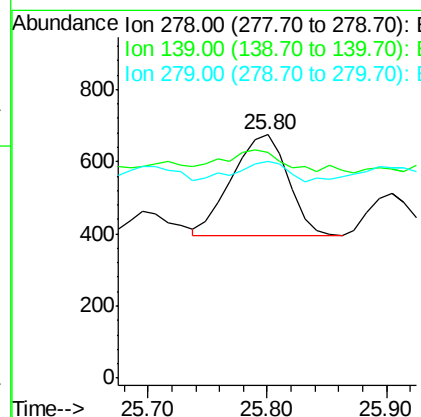
Manual Integrations
 APPROVED

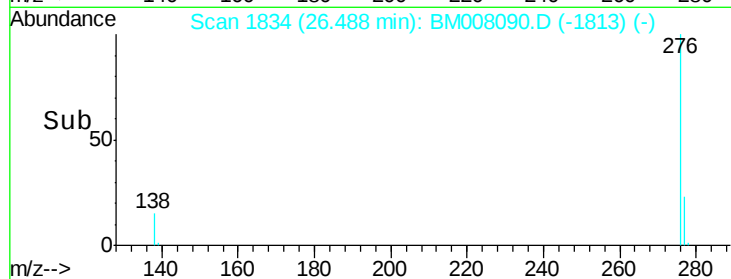
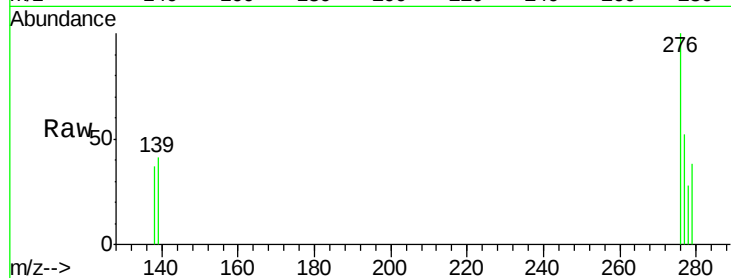
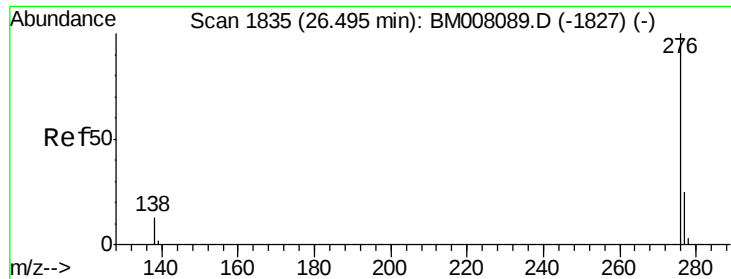
UMANGI
 11/29/2016 2:22:38 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.10 ng/ul
 RT: 25.80 min Scan# 1768
 Delta R.T. 0.00 min
 Lab File: BM008090.D
 Acq: 28 Nov 2016 17:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	92.9	17.4	26.0#
279	89.0	25.9	38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.34 ng/ul

RT: 26.49 min Scan# 1834

Delta R.T. 0.01 min

Lab File: BM008090.D

Acq: 28 Nov 2016 17:22

Instrument :

BNA_M

ClientSampleId :

A4WD2DL

Tot Ion	Ratio	Lower	Upper
276	100		
277	52.4	21.8	32.8#
138	37.3	20.5	30.7#

Manual Integrations
APPROVED

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