

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112816\
 Data File : BM008094.D
 Acq On : 28 Nov 2016 19:43
 Operator : UM/SJ
 Sample : H5694-02DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSR1DL

Manual Integrations
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 11/29/2016 2:22:52 PM

Quant Time: Nov 29 00:33:01 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 00:11:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	593	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.50	136	2014	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.35	164	1183	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	2238	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	2478	0.40	ng/ul	0.00
20) Perylene-d12	23.53	264	2316	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	139	0.05	ng/ul	0.02
14) Fluoranthene-d10	19.13	212	293	0.05	ng/ul	-0.01
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.17	142	137	0.04	ng/ul	100
8) Acenaphthene	14.40	153	980	0.24	ng/ul	91
9) Fluorene	15.41	166	1530	0.33	ng/ul	98
12) Phenanthrene	17.12	178	17286	2.48	ng/ul	97
13) Anthracene	17.23	178	7320	1.12	ng/ul	95
15) Fluoranthene	19.16	202	36788	4.09	ng/ul	94
17) Pyrene	19.52	202	28376	3.30	ng/ul	97
18) Benzo(a)anthracene	21.27	228	18515	2.43	ng/ul	99
19) Chrysene	21.32	228	15534	1.64	ng/ul	97
21) Benzo(b)fluoranthene	22.86	252	19795m	2.14	ng/ul	
22) Benzo(k)fluoranthene	22.90	252	5819m	0.61	ng/ul	
23) Benzo(a)pyrene	23.43	252	12668m	1.46	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.79	276	7238	0.68	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.79	278	2406	0.28	ng/ul#	70
26) Benzo(g,h,i)perylene	26.47	276	5654	0.60	ng/ul	92

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

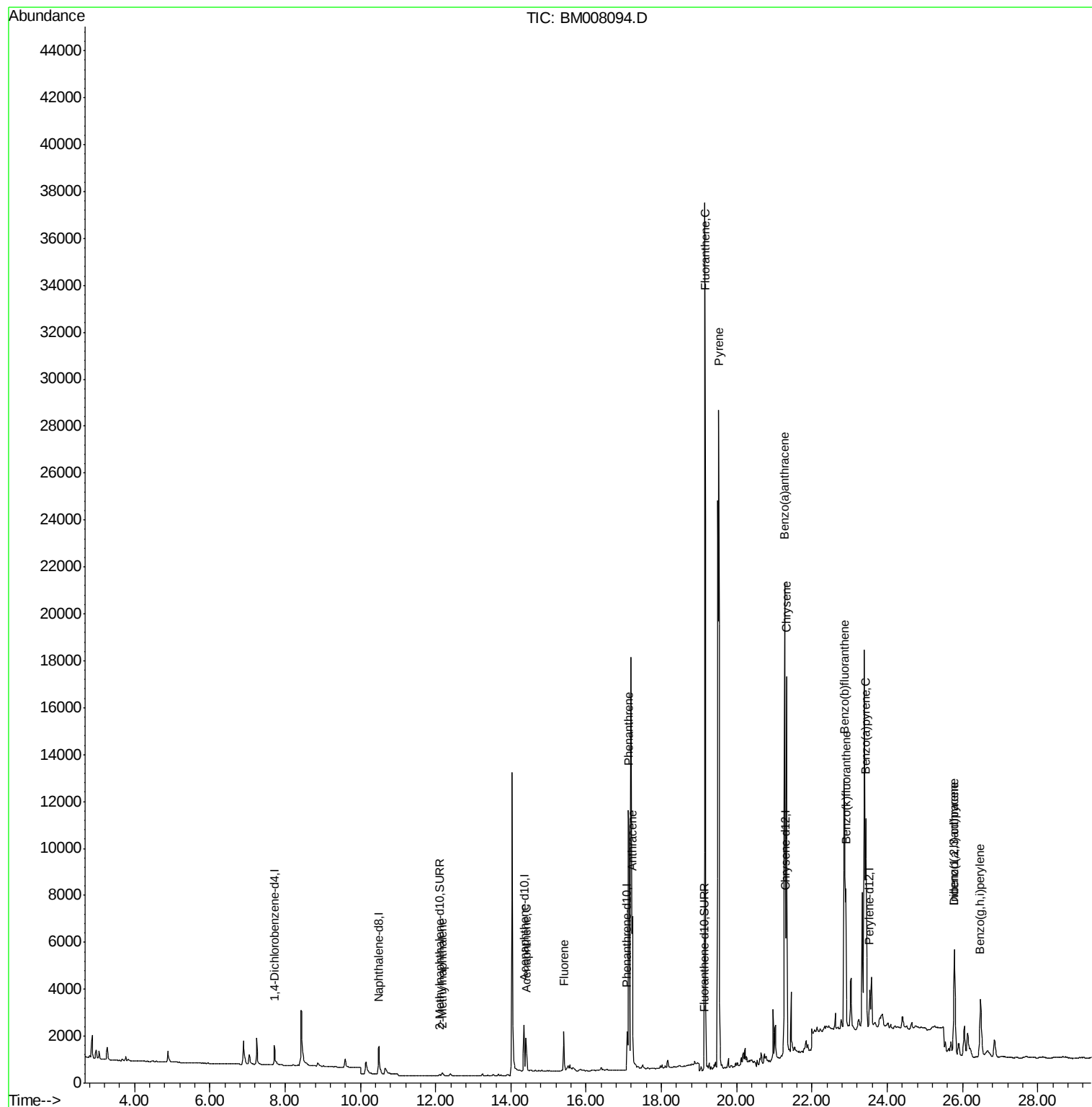
Data Path : Z:\HPCHEM1\BNA M\DATA\BM112816\
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ALS Vial : 14 Sample Multiplier: 1

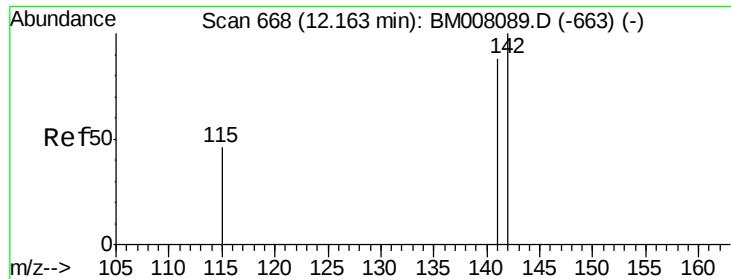
Instrument :
BNA_M
ClientSampleId :
JHSR1DL

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Quant Time: Nov 29 00:33:01 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
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Response via : Initial Calibration





#5

2-Methylnaphthalene

Concen: 0.04 ng/ul

RT: 12.17 min Scan# 669

Delta R.T. 0.01 min

Lab File: BM008094.D

Acq: 28 Nov 2016 19:43

Instrument :

BNA_M

ClientSampleId :

JHSR1DL

Tot Ion:142 Resp: 137

Ion Ratio Lower Upper

142 100

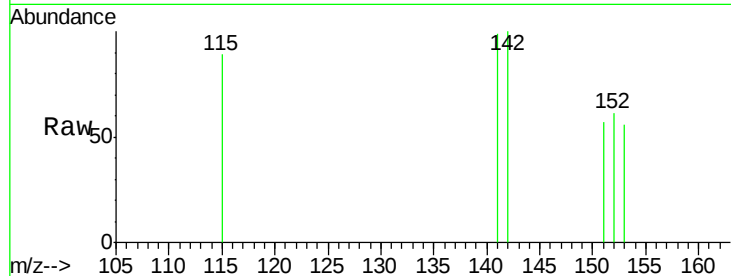
141 90.5 72.6 108.8

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.17

80

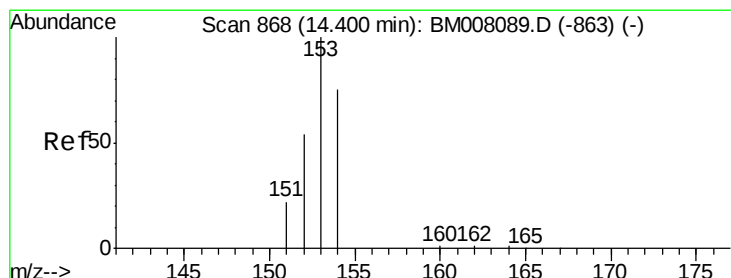
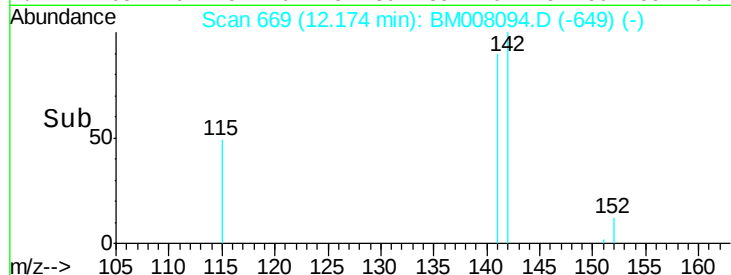
60

40

20

0

Time--> 12.10 12.20 12.30



#8

Acenaphthene

Concen: 0.24 ng/ul

RT: 14.40 min Scan# 868

Delta R.T. -0.00 min

Lab File: BM008094.D

Acq: 28 Nov 2016 19:43

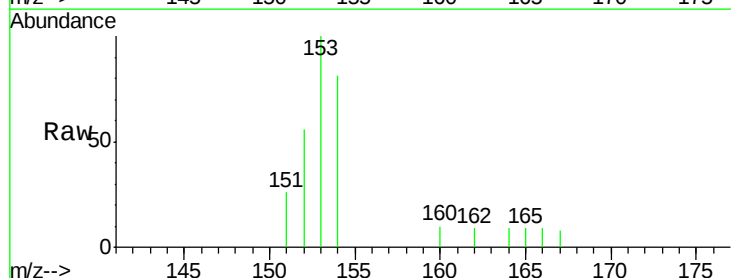
Tgt Ion:153 Resp: 980

Ion Ratio Lower Upper

153 100

152 56.2 40.3 60.5

154 80.8 71.4 107.2



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

14.40

800

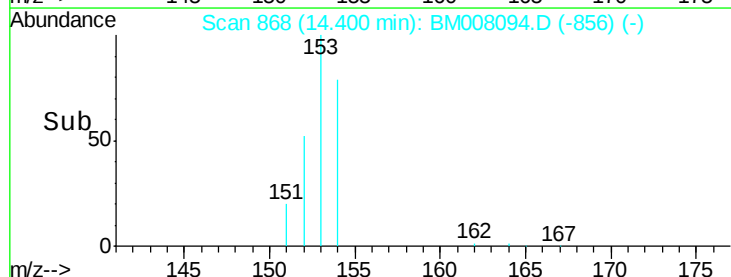
600

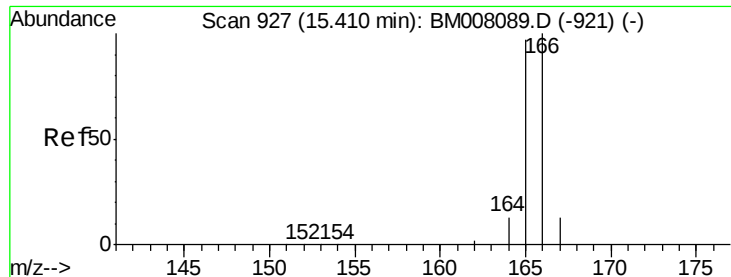
400

200

0

Time--> 14.20 14.40





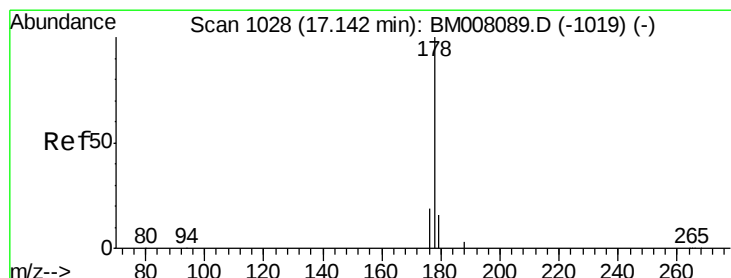
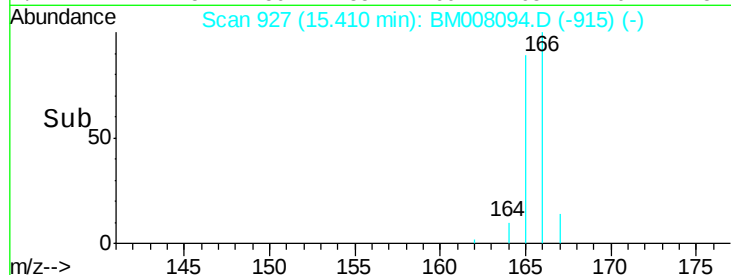
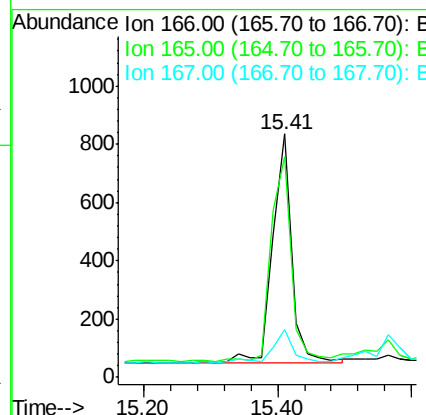
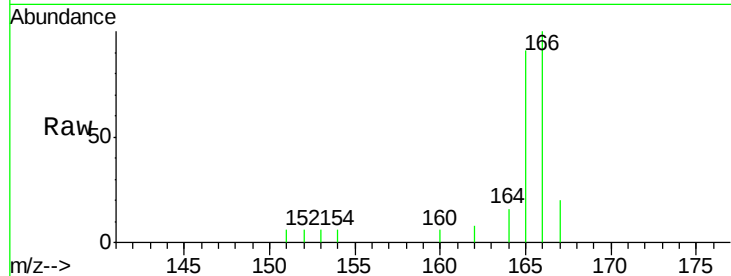
#9
Fluorene
 Concen: 0.33 ng/ul
 RT: 15.41 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BM008094.D
 Acq: 28 Nov 2016 19:43

Instrument :
 BNA_M
 ClientSampleID :
 JHSR1DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	90.6	73.4	110.2
167	19.9	14.6	22.0

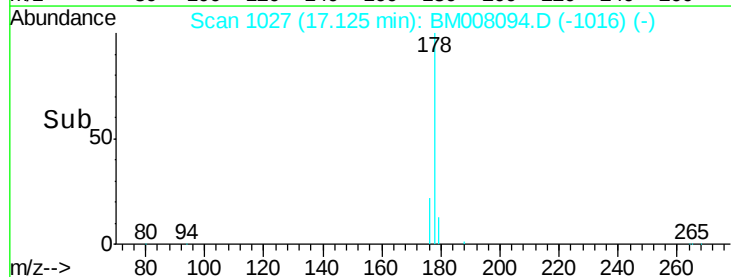
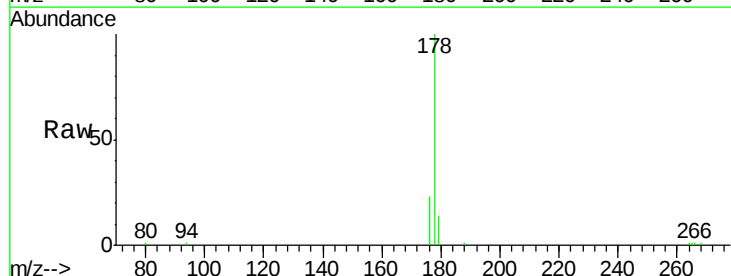
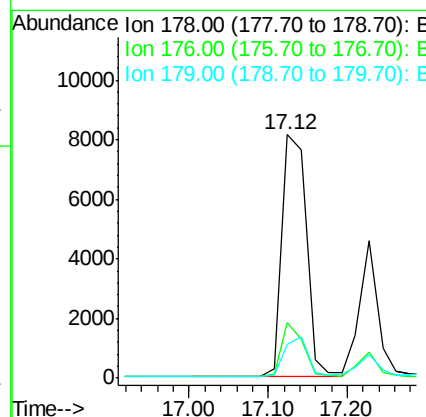
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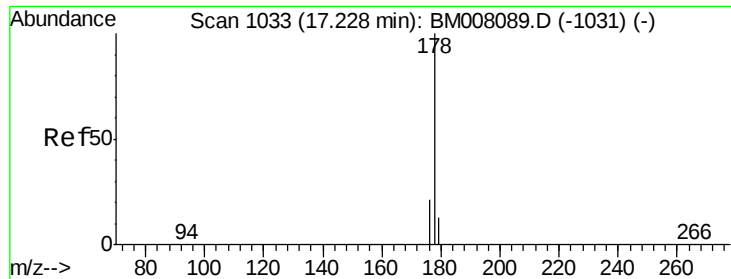
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#12
Phenanthrene
 Concen: 2.48 ng/ul
 RT: 17.12 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BM008094.D
 Acq: 28 Nov 2016 19:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	23.0	18.4	27.6
179	13.9	13.6	20.4





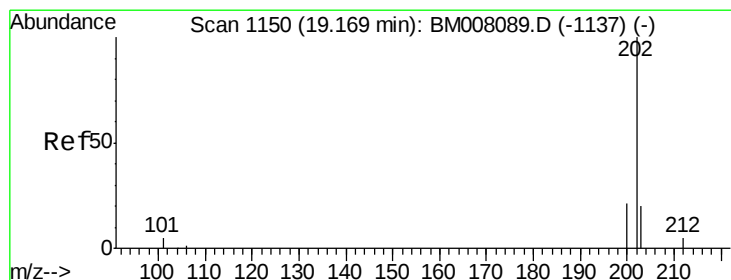
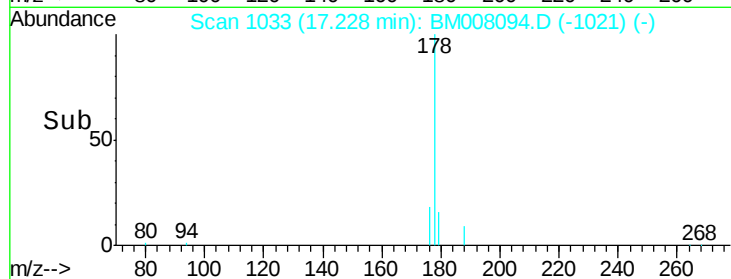
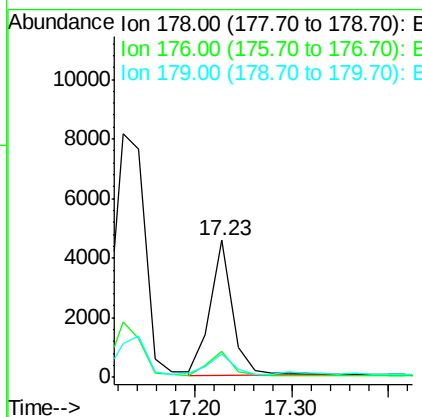
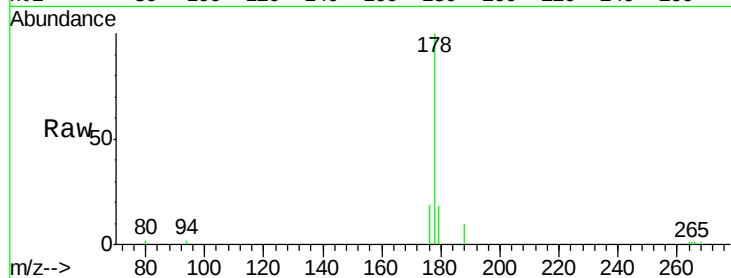
#13
 Anthracene
 Concen: 1.12 ng/ul
 RT: 17.23 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BM008094.D
 Acq: 28 Nov 2016 19:43

Instrument :
 BNA_M
 ClientSampleId :
 JHSR1DL

Tot Ion:178 Resp: 7320
 Ion Ratio Lower Upper
 178 100
 176 19.1 18.1 27.1
 179 17.6 14.7 22.1

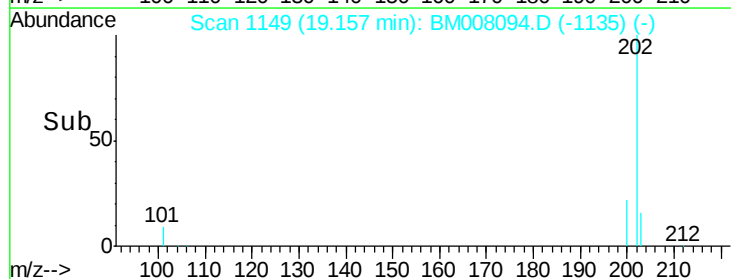
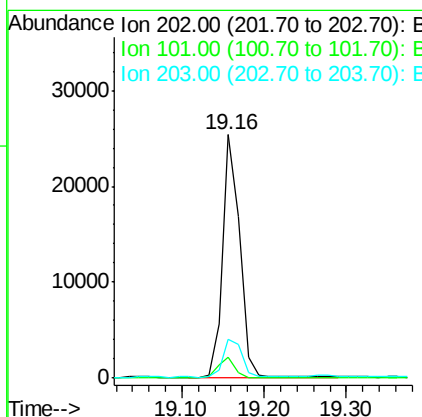
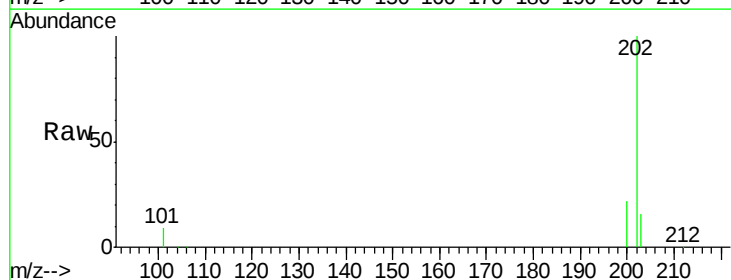
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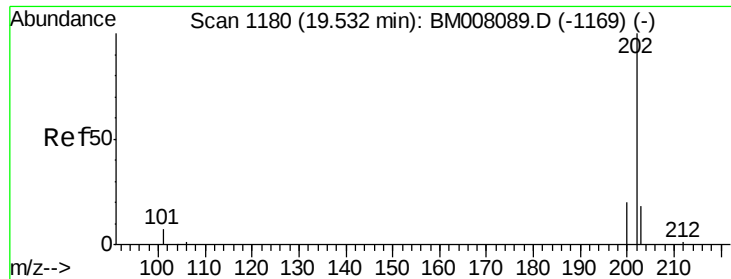
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#15
 Fluoranthene
 Concen: 4.09 ng/ul
 RT: 19.16 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BM008094.D
 Acq: 28 Nov 2016 19:43

Tgt Ion:202 Resp: 36788
 Ion Ratio Lower Upper
 202 100
 101 8.5 0.0 30.3
 203 16.2 0.0 39.5





#17

Pvrene

Concen: 3.30 ng/ul

RT: 19.52 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BM008094.D

Acq: 28 Nov 2016 19:43

Instrument :

BNA_M

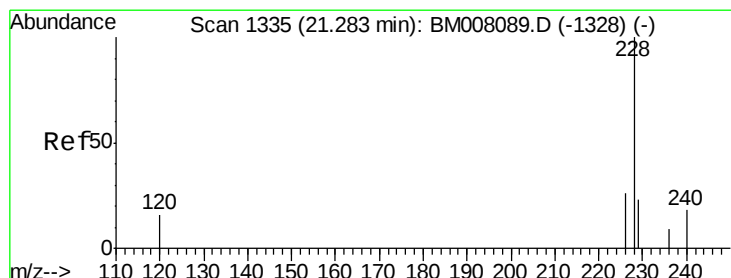
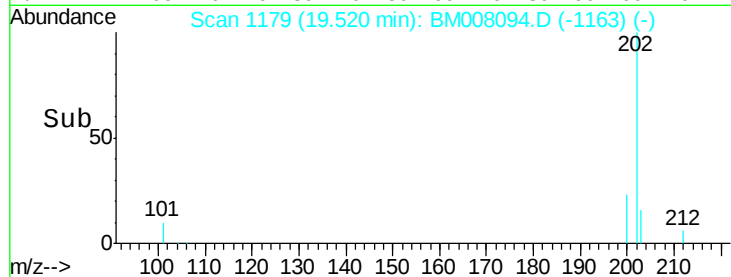
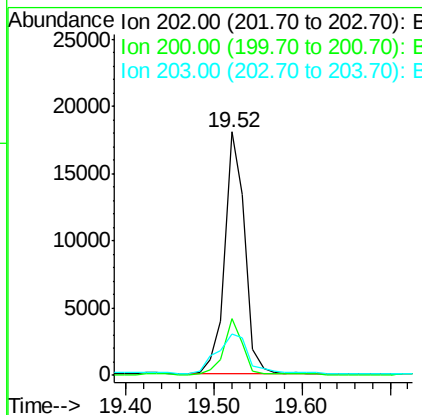
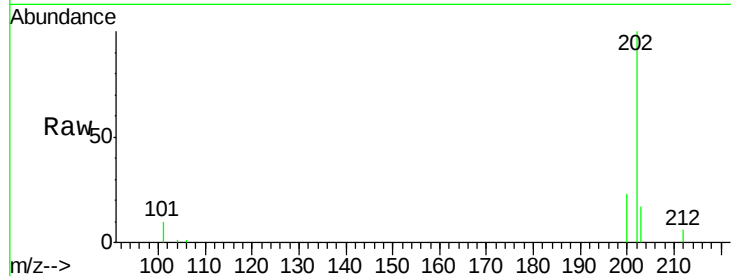
ClientSampleId :

JHSR1DL

Tot Ion:	202	Resp:	28376
Ion Ratio	Lower	Upper	
202	100		
200	23.3	18.2	27.4
203	17.1	15.6	23.4

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#18

Benzo(a)anthracene

Concen: 2.43 ng/ul

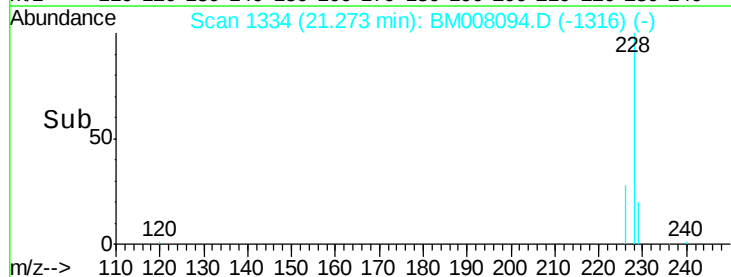
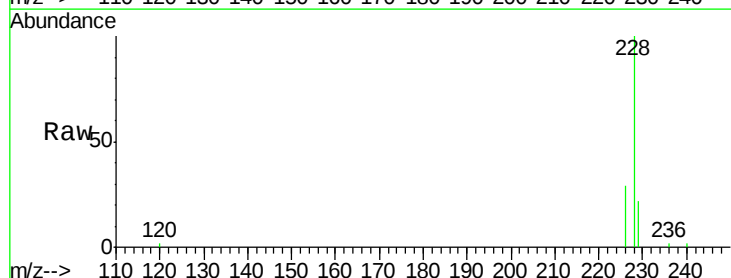
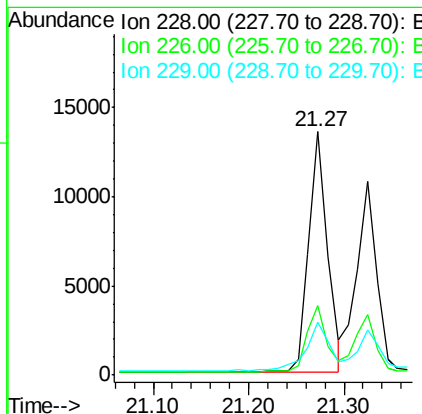
RT: 21.27 min Scan# 1334

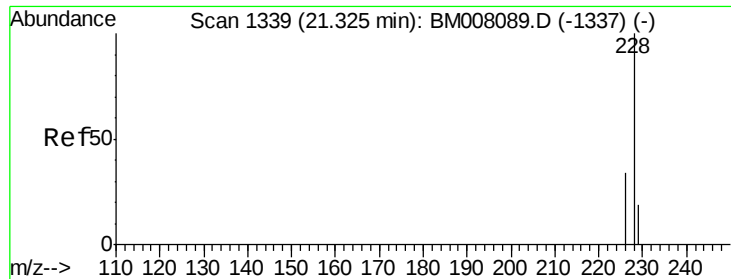
Delta R.T. -0.01 min

Lab File: BM008094.D

Acq: 28 Nov 2016 19:43

Tgt Ion:	228	Resp:	18515
Ion Ratio	Lower	Upper	
228	100		
226	28.6	22.8	34.2
229	21.8	17.0	25.6





#19

Chrysene

Concen: 1.64 ng/ul

RT: 21.32 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BM008094.D

Acq: 28 Nov 2016 19:43

Instrument :

BNA_M

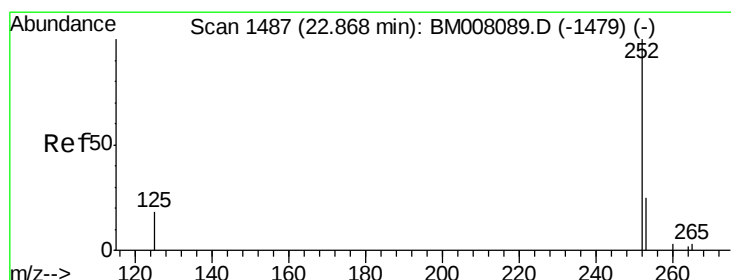
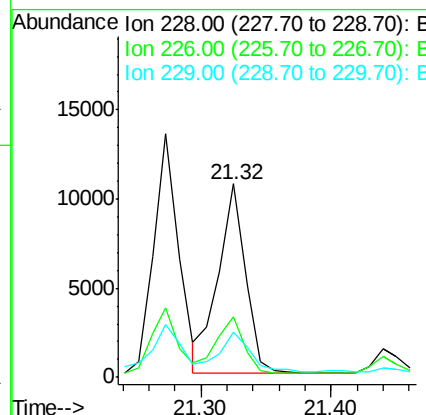
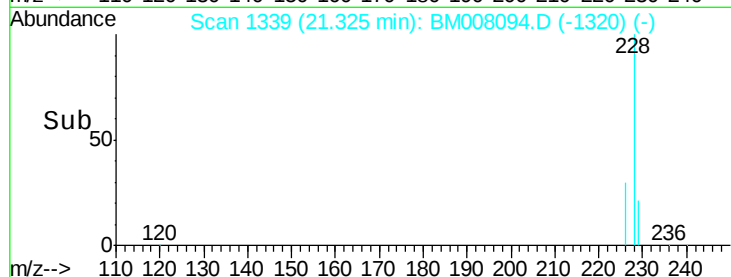
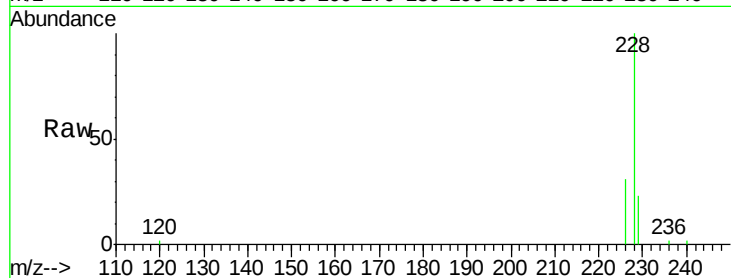
ClientSampleId :

JHSR1DL

Tot Ion:228	Resp:	15534
Ion Ratio	Lower	Upper
228 100		
226 31.1	23.4	35.0
229 23.1	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 2.14 ng/ul m

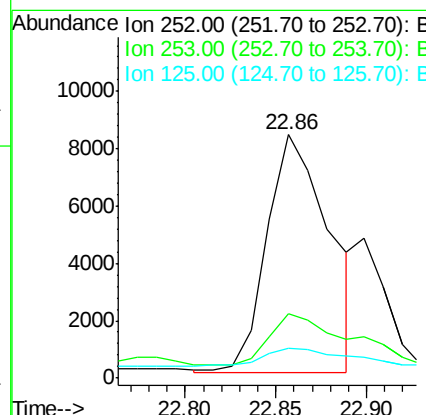
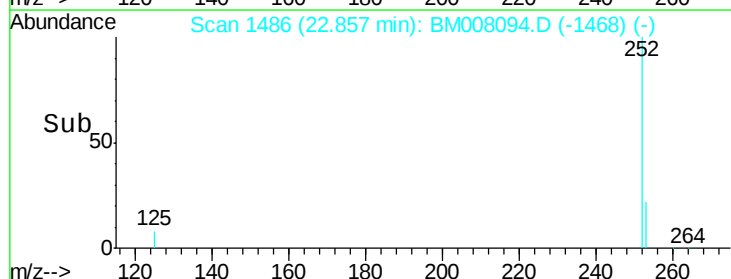
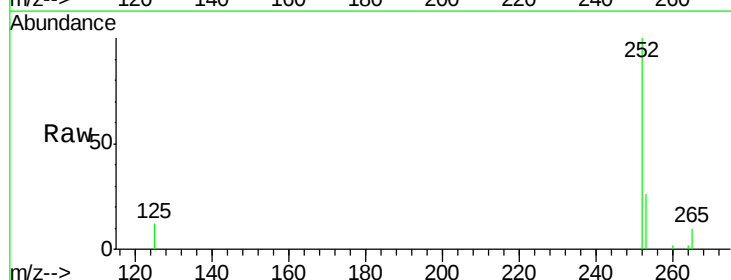
RT: 22.86 min Scan# 1486

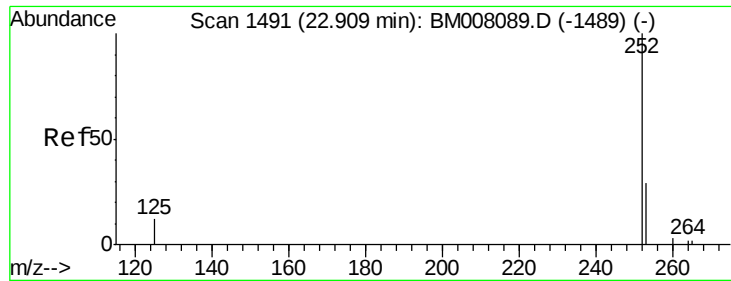
Delta R.T. -0.01 min

Lab File: BM008094.D

Acq: 28 Nov 2016 19:43

Tgt Ion:252	Resp:	19795
Ion Ratio	Lower	Upper
252 100		
253 26.3	0.0	64.2
125 12.5	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.61 ng/ul m

RT: 22.90 min Scan# 1490

Delta R.T. -0.01 min

Lab File: BM008094.D

Acq: 28 Nov 2016 19:43

Instrument :

BNA_M

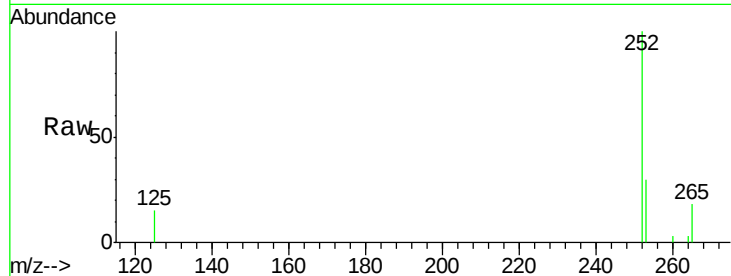
ClientSampleId :

JHSR1DL

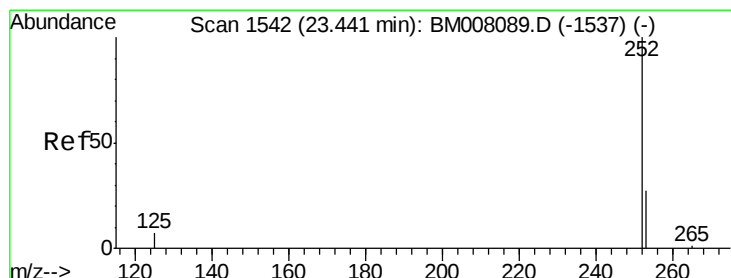
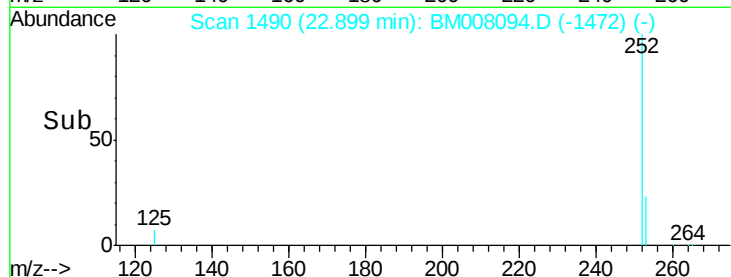
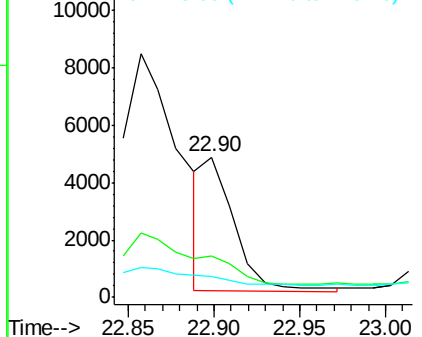
Tot Ion:	252	Resp:	5819
Ion Ratio	Lower	Upper	
252	100		
253	29.9	24.5	36.7
125	15.2	13.7	20.5

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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: 1.46 ng/ul m

RT: 23.43 min Scan# 1541

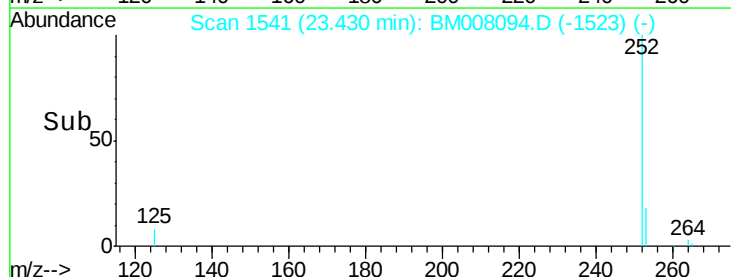
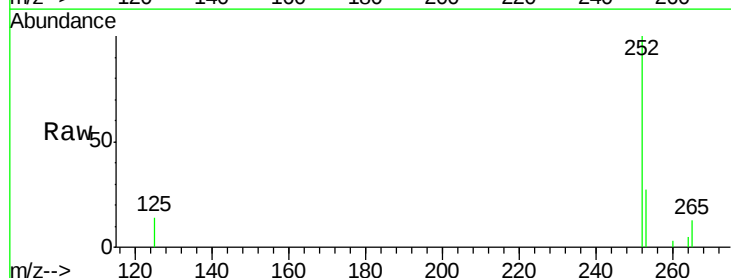
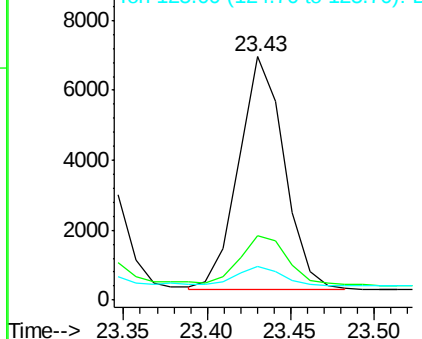
Delta R.T. -0.01 min

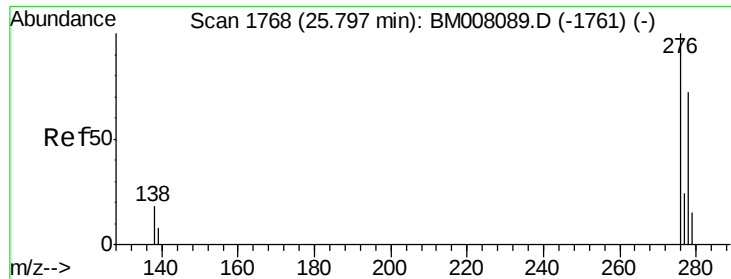
Lab File: BM008094.D

Acq: 28 Nov 2016 19:43

Tgt Ion:	252	Resp:	12668
Ion Ratio	Lower	Upper	
252	100		
253	26.6	28.5	42.7#
125	13.8	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





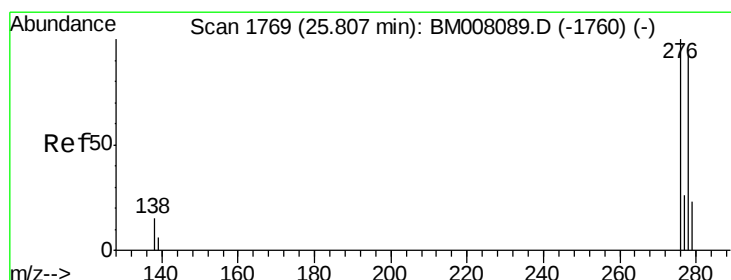
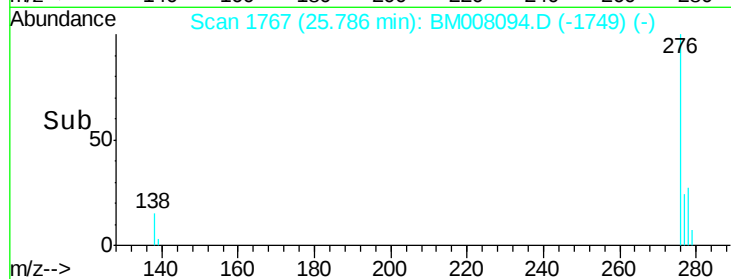
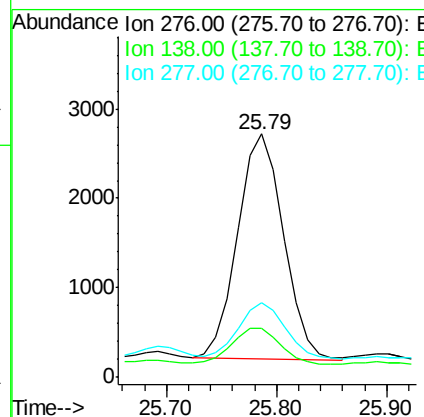
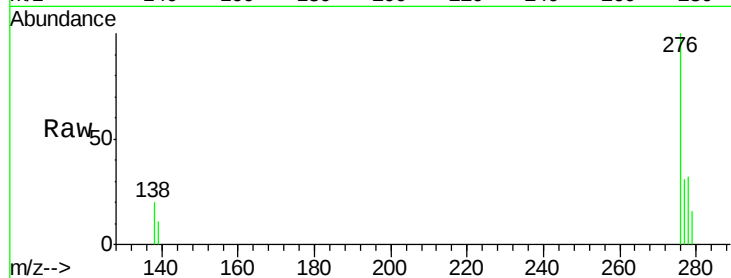
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.68 ng/ul
RT: 25.79 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BM008094.D
Acq: 28 Nov 2016 19:43

Instrument :
BNA_M
ClientSampleId :
JHSR1DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.7	19.1	28.7#
277	25.1	19.6	29.4

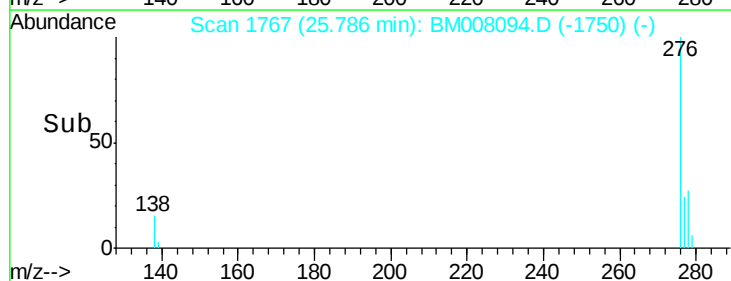
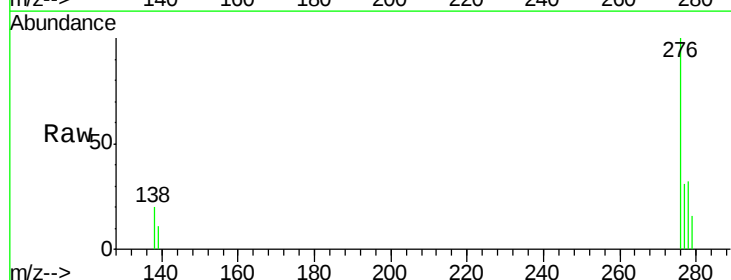
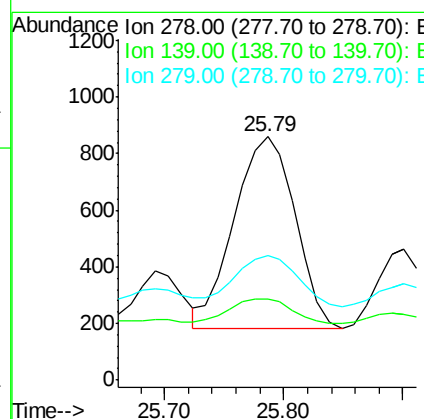
Manual Integrations
APPROVED

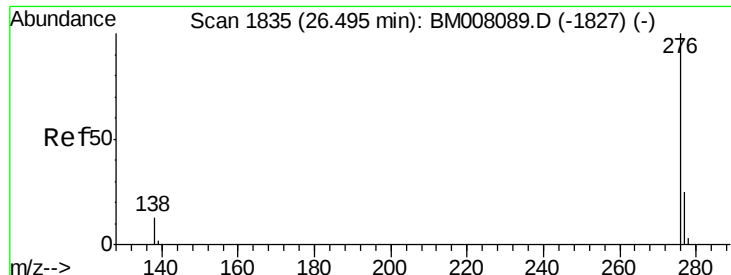
UMANGI
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#25
Dibenzo(a,h)anthracene
Concen: 0.28 ng/ul
RT: 25.79 min Scan# 1767
Delta R.T. -0.02 min
Lab File: BM008094.D
Acq: 28 Nov 2016 19:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	33.4	17.4	26.0#
279	51.4	25.9	38.9#





#26
Benzo(a,h,i)perylene
Concen: 0.60 ng/ul
RT: 26.47 min Scan# 1833
Delta R.T. -0.02 min
Lab File: BM008094.D
Acq: 28 Nov 2016 19:43

Instrument :
BNA_M
ClientSampleId :
JHSR1DL

Tot Ion	Ratio	Lower	Upper
276	100		
277	32.3	21.8	32.8
138	22.4	20.5	30.7

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