

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112816\
 Data File : BM008095.D
 Acq On : 28 Nov 2016 20:19
 Operator : UM/SJ
 Sample : H5694-13DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSS0DL

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Quant Time: Nov 29 00:46:22 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	603	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.50	136	2089	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.35	164	1230	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	2316	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	2431	0.40	ng/ul	0.00
20) Perylene-d12	23.53	264	2259	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.10	152	95	0.03	ng/ul	0.01
14) Fluoranthene-d10	19.13	212	256	0.04	ng/ul	-0.01
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.17	142	117	0.03	ng/ul	97
8) Acenaphthene	14.40	153	132	0.03	ng/ul#	87
9) Fluorene	15.41	166	156	0.03	ng/ul#	78
12) Phenanthrene	17.14	178	1995	0.28	ng/ul#	93
13) Anthracene	17.23	178	597	0.09	ng/ul#	77
15) Fluoranthene	19.16	202	4424	0.48	ng/ul	99
17) Pyrene	19.52	202	4795	0.57	ng/ul	98
18) Benzo(a)anthracene	21.27	228	2623	0.35	ng/ul#	79
19) Chrysene	21.32	228	3115	0.34	ng/ul#	83
21) Benzo(b)fluoranthene	22.86	252	5119m	0.57	ng/ul	
22) Benzo(k)fluoranthene	22.90	252	1407m	0.15	ng/ul	
23) Benzo(a)pyrene	23.43	252	3254	0.39	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.79	276	2683	0.26	ng/ul#	92
26) Benzo(g,h,i)perylene	26.47	276	2907	0.31	ng/ul#	83

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

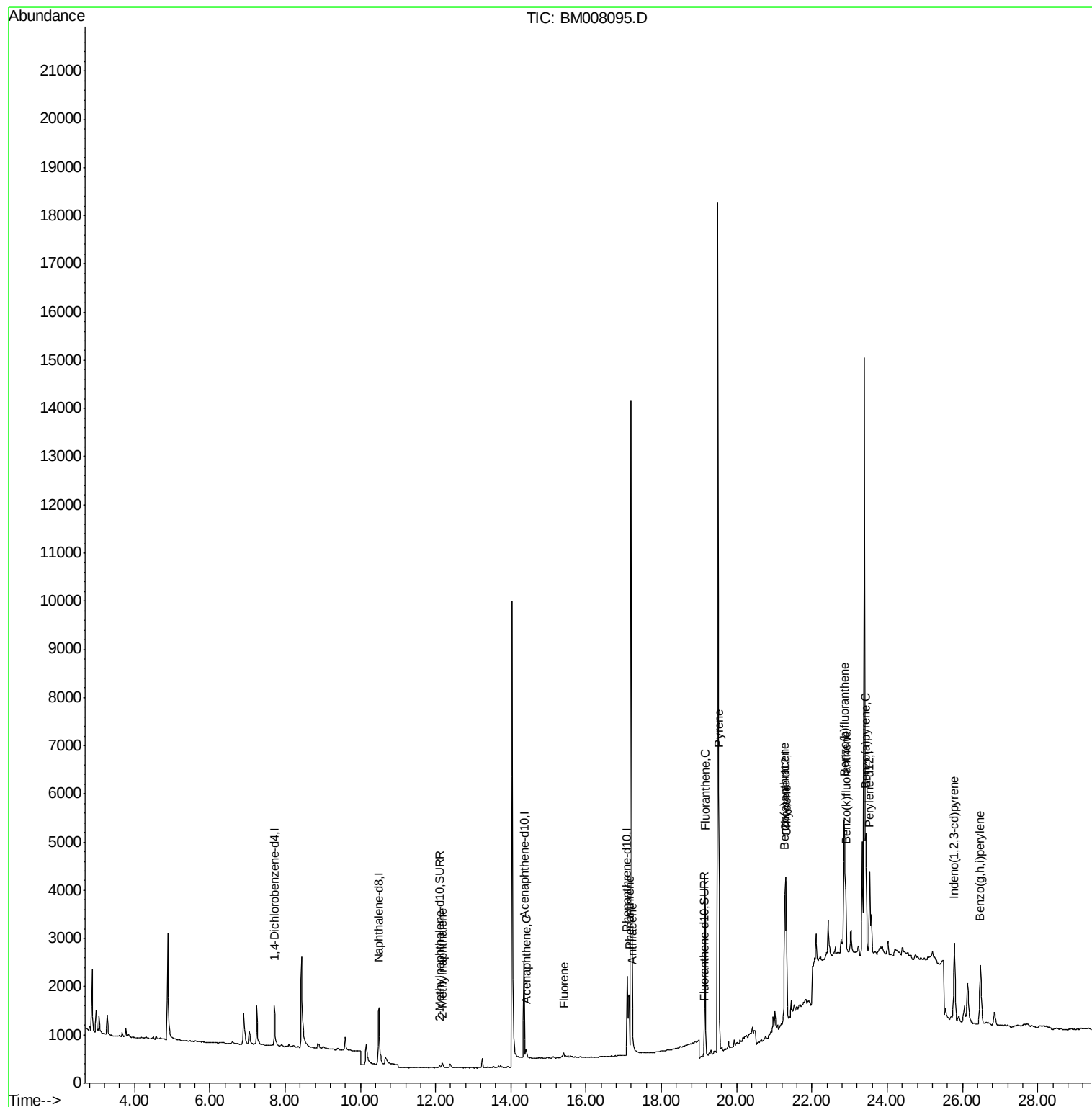
Data Path : Z:\HPCHEM1\BNA M\DATA\BM112816\
Data File : BM008095.D
Acq On : 28 Nov 2016 20:19
Operator : UM/SJ
Sample : H5694-13DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

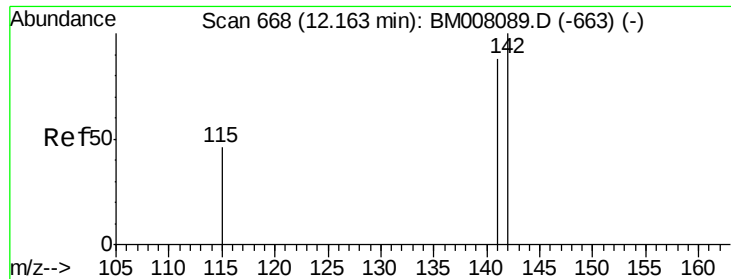
Instrument :
BNA_M
ClientSampleId :
JHSS0DL

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Quant Time: Nov 29 00:46:22 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





#5

2-Methylnaphthalene

Concen: 0.03 ng/ul

RT: 12.17 min Scan# 669

Delta R.T. 0.01 min

Lab File: BM008095.D

Acq: 28 Nov 2016 20:19

Instrument :

BNA_M

ClientSampleId :

JHSS0DL

Tot Ion:142 Resp: 117

Ion Ratio Lower Upper

142 100

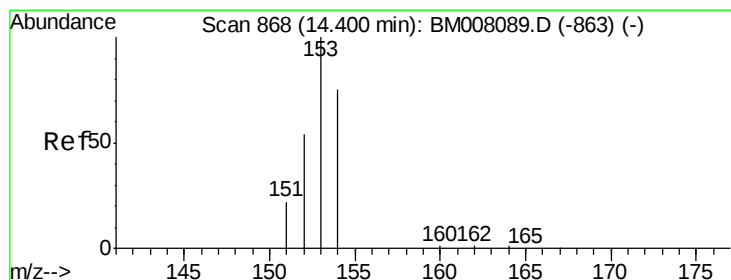
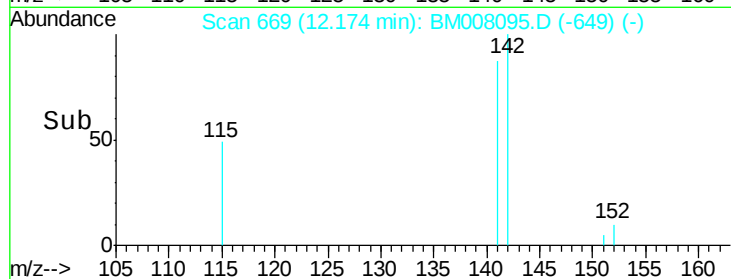
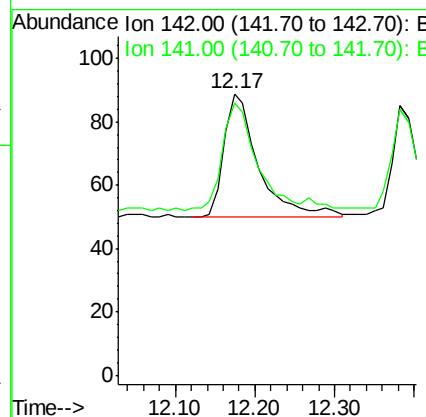
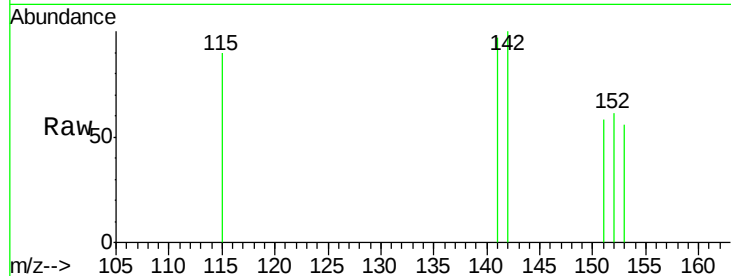
141 93.2 72.6 108.8

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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: BM008095.D

Acq: 28 Nov 2016 20:19

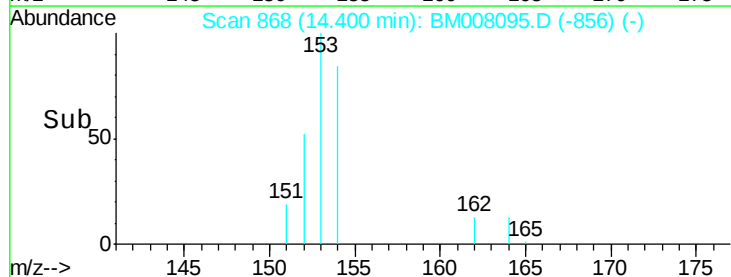
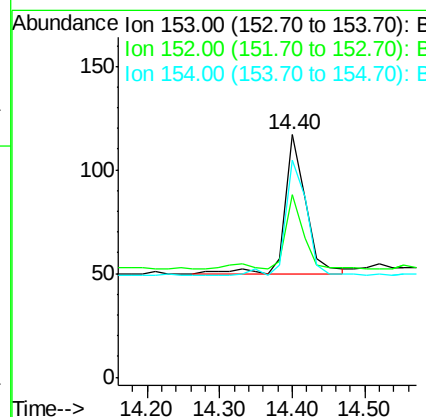
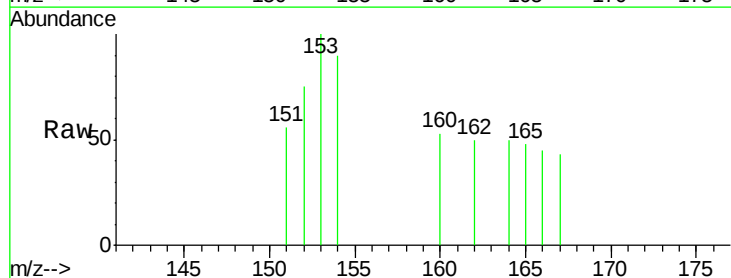
Tgt Ion:153 Resp: 132

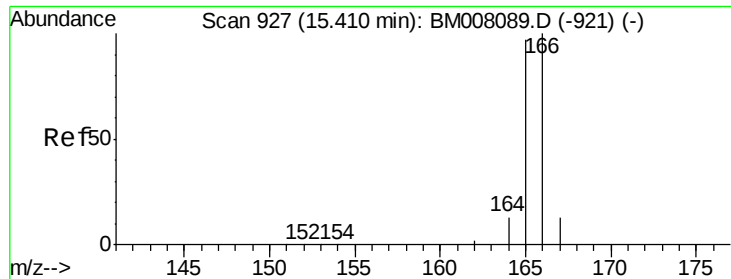
Ion Ratio Lower Upper

153 100

152 75.2 40.3 60.5#

154 89.7 71.4 107.2





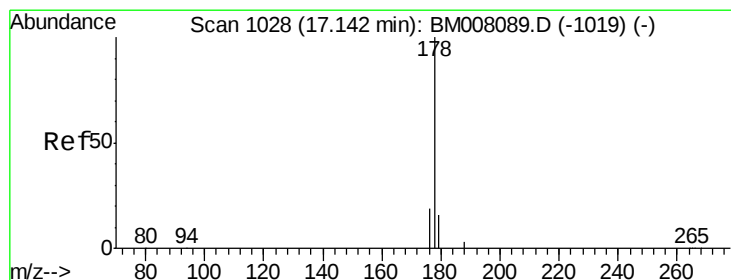
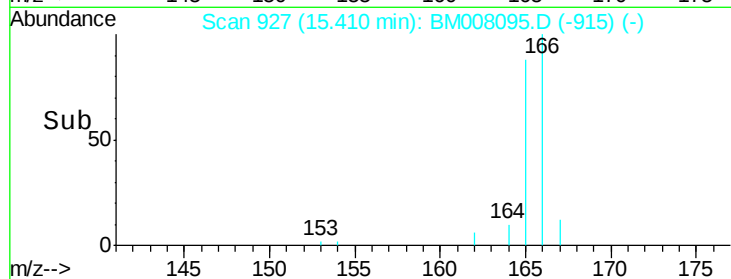
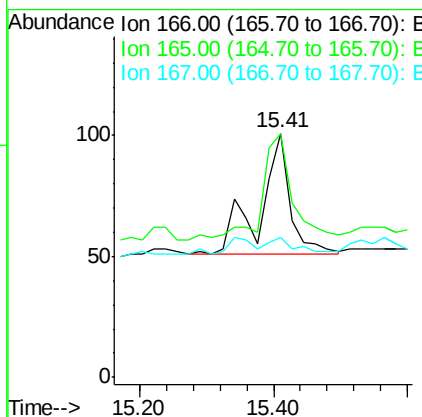
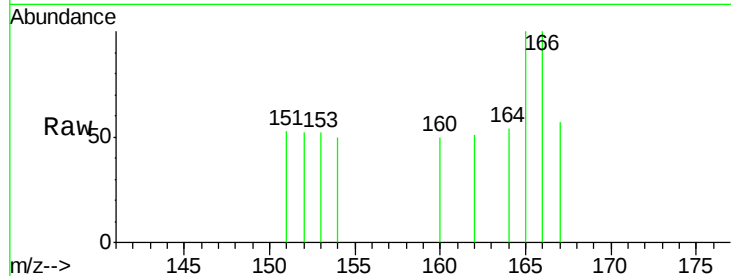
#9
Fluorene
 Concen: 0.03 ng/ul
 RT: 15.41 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: BM008095.D
 Acq: 28 Nov 2016 20:19

Instrument :
 BNA_M
 ClientSampleId :
 JHSS0DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.0	73.4	110.2
167	57.4	14.6	22.0

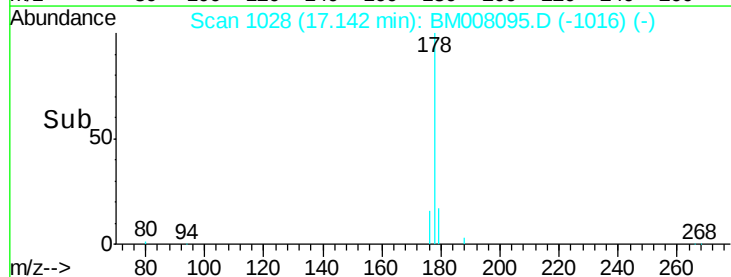
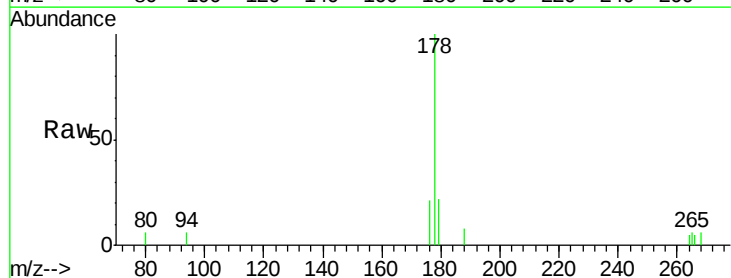
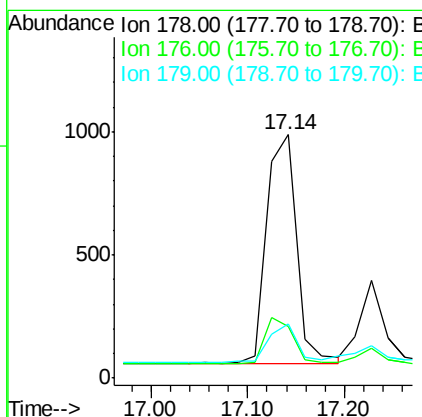
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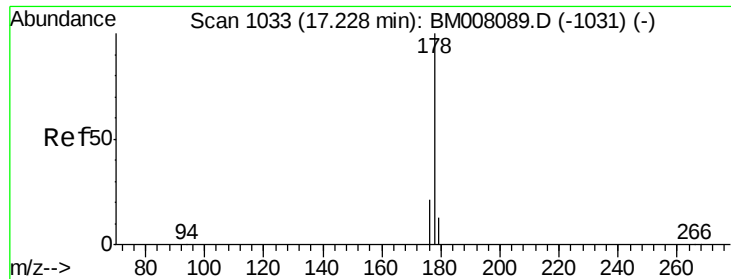
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#12
Phenanthrene
 Concen: 0.28 ng/ul
 RT: 17.14 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BM008095.D
 Acq: 28 Nov 2016 20:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.4	18.4	27.6
179	22.2	13.6	20.4





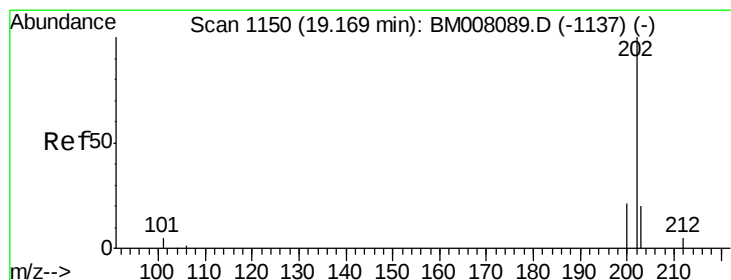
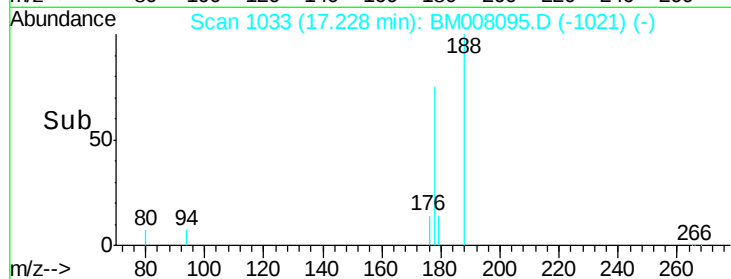
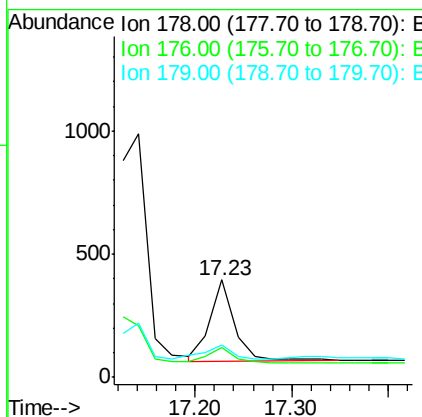
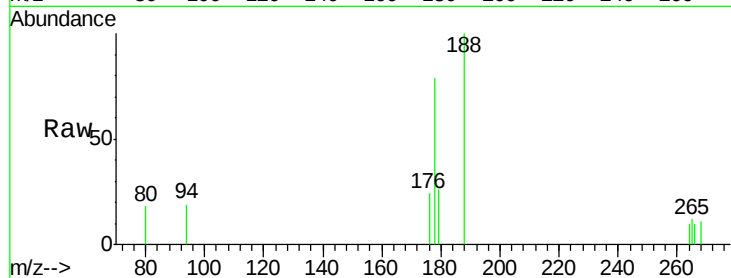
#13
 Anthracene
 Concen: 0.09 ng/ul
 RT: 17.23 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BM008095.D
 Acq: 28 Nov 2016 20:19

Instrument :
 BNA_M
 ClientSampleId :
 JHSS0DL

Tot Ion	Ratio	Lower	Upper
178	100		
176	30.1	18.1	27.1#
179	32.9	14.7	22.1#

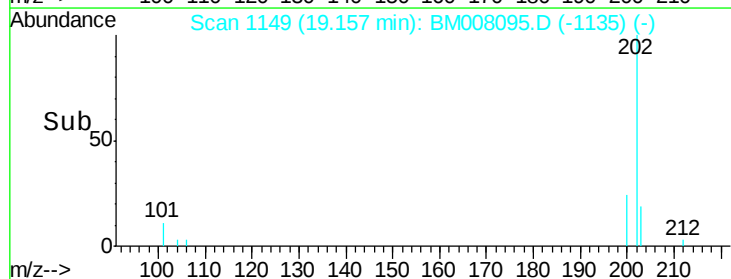
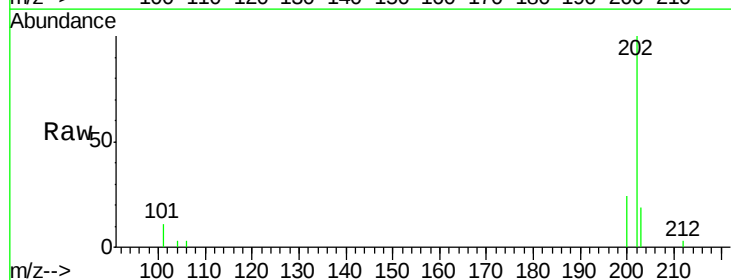
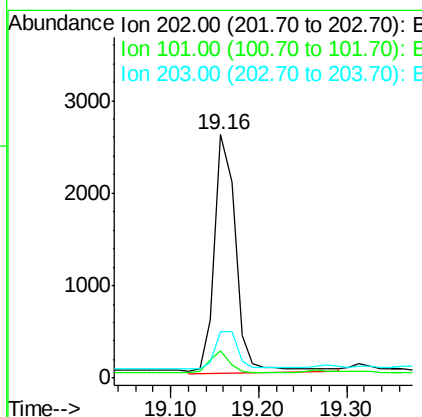
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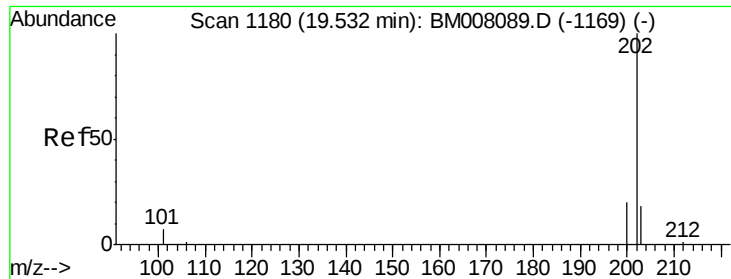
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#15
 Fluoranthene
 Concen: 0.48 ng/ul
 RT: 19.16 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BM008095.D
 Acq: 28 Nov 2016 20:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	30.3
203	19.3	0.0	39.5





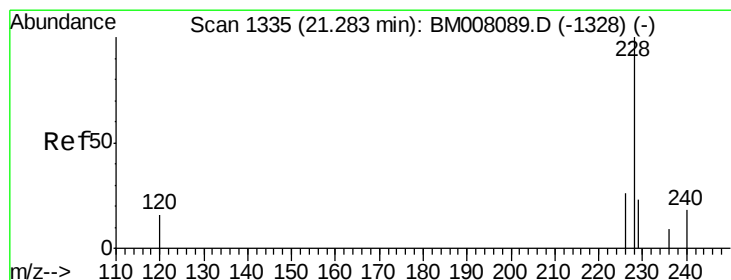
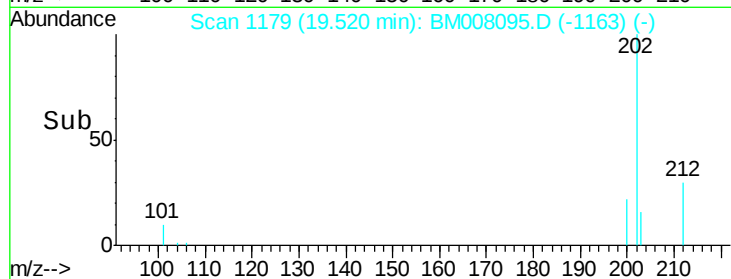
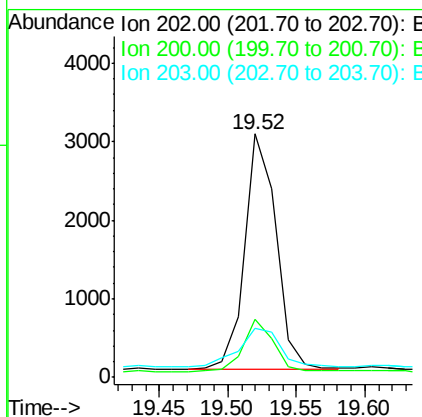
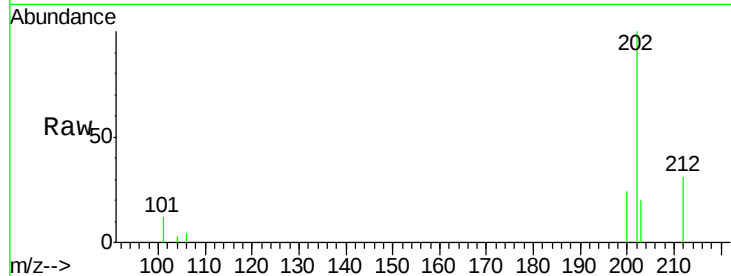
#17
Pvrene
Concen: 0.57 ng/ul
RT: 19.52 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BM008095.D
Acq: 28 Nov 2016 20:19

Instrument :
BNA_M
ClientSampleId :
JHSS0DL

Tot Ion	Ratio	Lower	Upper
202	100		
200	24.0	18.2	27.4
203	19.9	15.6	23.4

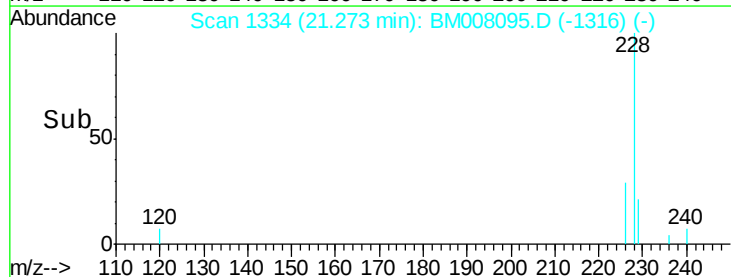
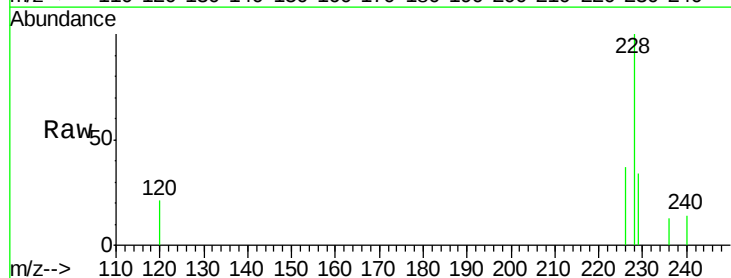
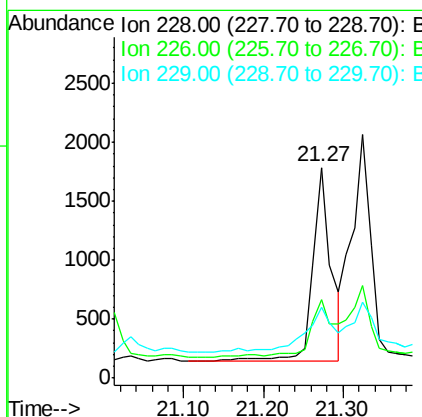
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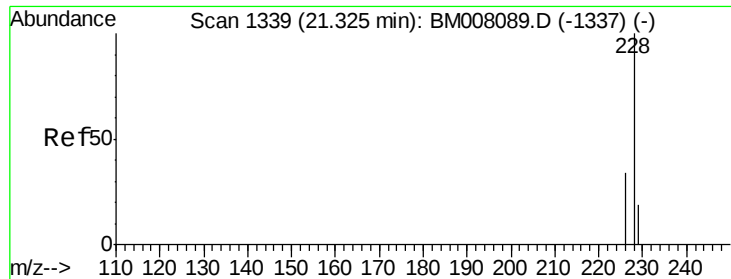
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#18
Benzo(a)anthracene
Concen: 0.35 ng/ul
RT: 21.27 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BM008095.D
Acq: 28 Nov 2016 20:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.1	22.8	34.2#
229	33.7	17.0	25.6#





#19

Chrysene

Concen: 0.34 ng/ul

RT: 21.32 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BM008095.D

Acq: 28 Nov 2016 20:19

Instrument :

BNA_M

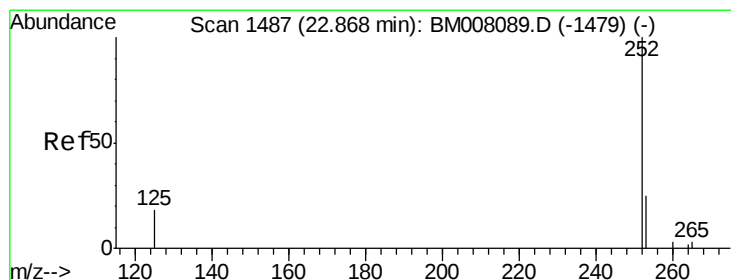
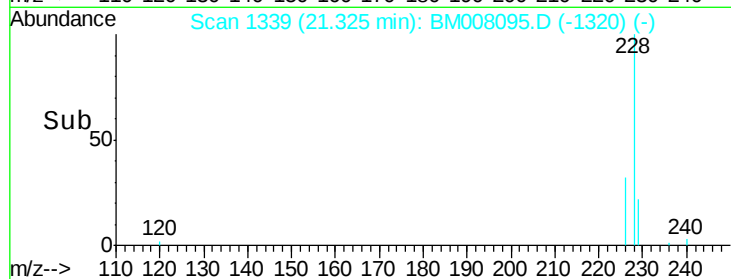
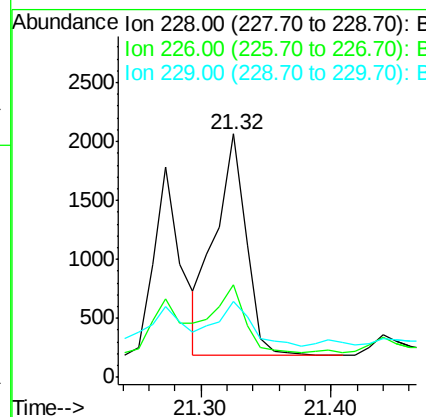
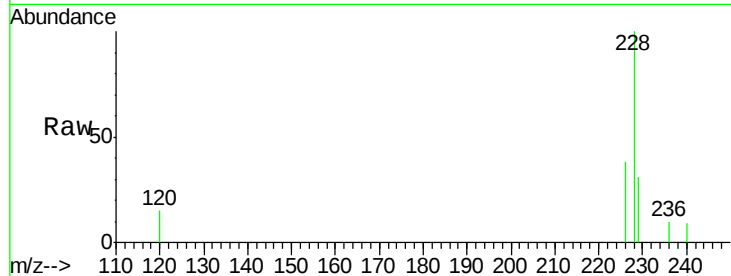
ClientSampleId :

JHSS0DL

Tot Ion:	228	Resp:	3115
Ion Ratio	Lower	Upper	
228	100		
226	37.9	23.4	35.0#
229	31.2	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.57 ng/ul m

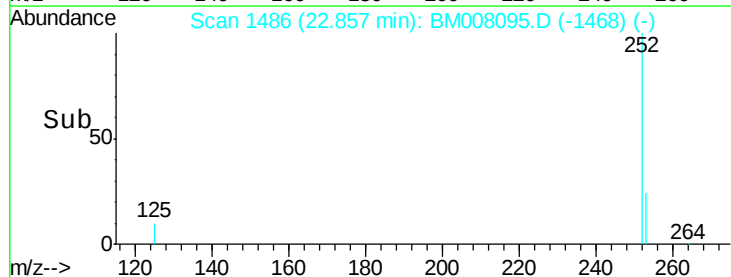
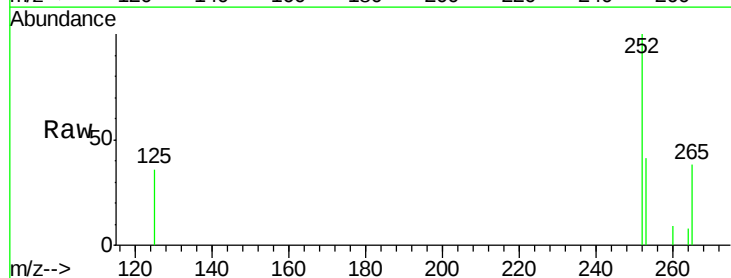
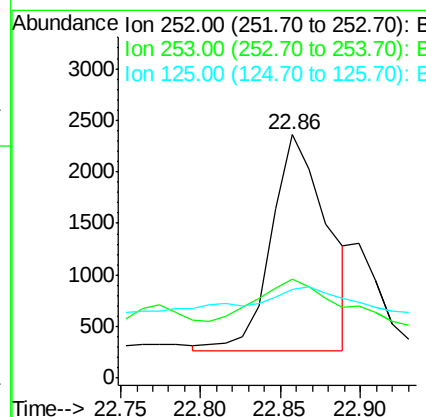
RT: 22.86 min Scan# 1486

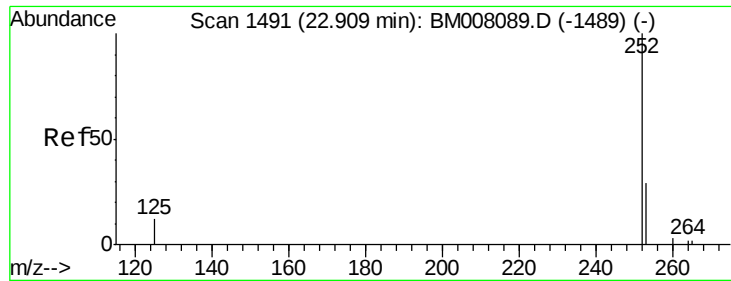
Delta R.T. -0.01 min

Lab File: BM008095.D

Acq: 28 Nov 2016 20:19

Tgt Ion:	252	Resp:	5119
Ion Ratio	Lower	Upper	
252	100		
253	40.5	0.0	64.2
125	36.2	0.0	35.0#





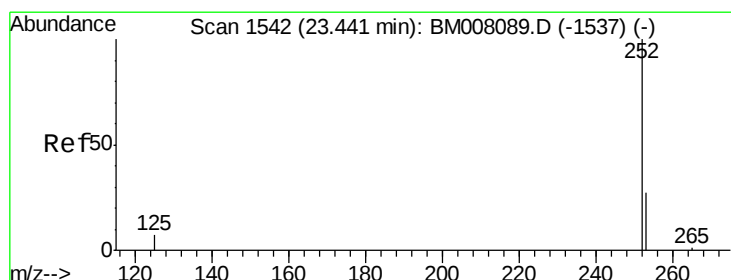
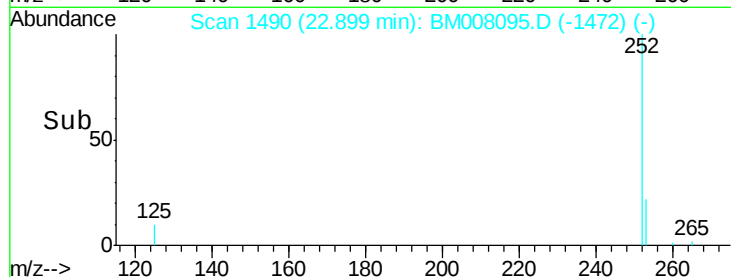
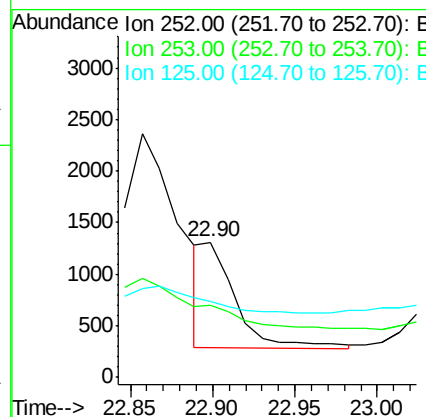
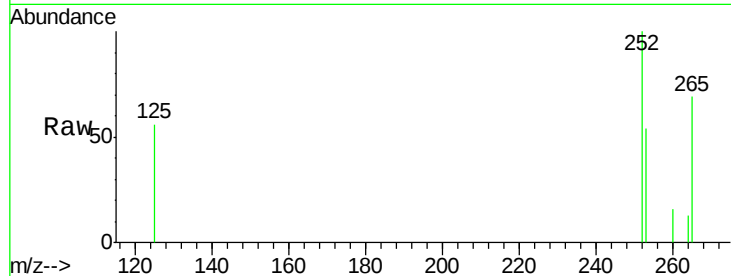
#22
Benzo(k)fluoranthene
Concen: 0.15 ng/ul m
RT: 22.90 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BM008095.D
Acq: 28 Nov 2016 20:19

Instrument :
BNA_M
ClientSampleId :
JHSS0DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	53.7	24.5	36.7#
125	55.6	13.7	20.5#

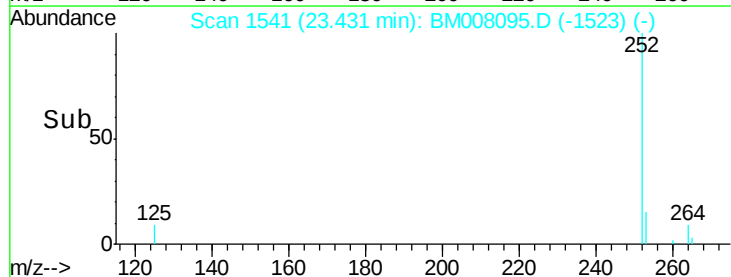
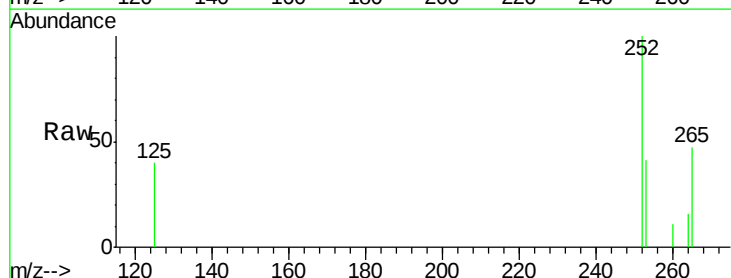
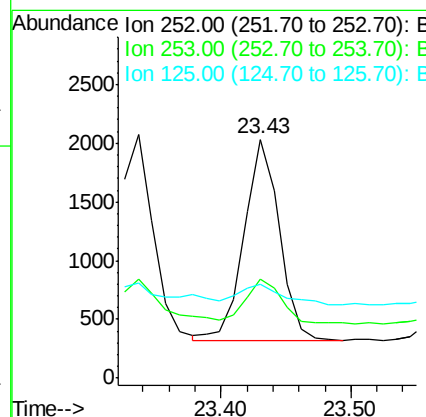
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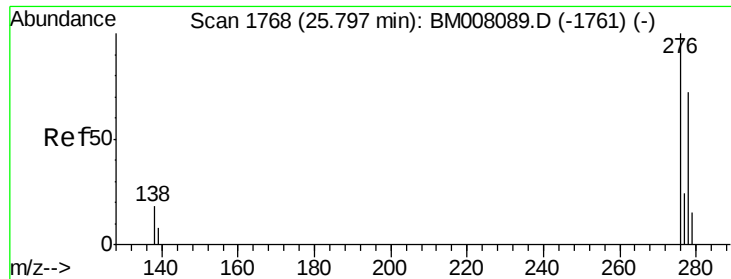
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#23
Benzo(a)pyrene
Concen: 0.39 ng/ul
RT: 23.43 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BM008095.D
Acq: 28 Nov 2016 20:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	41.2	28.5	42.7
125	39.5	18.1	27.1#





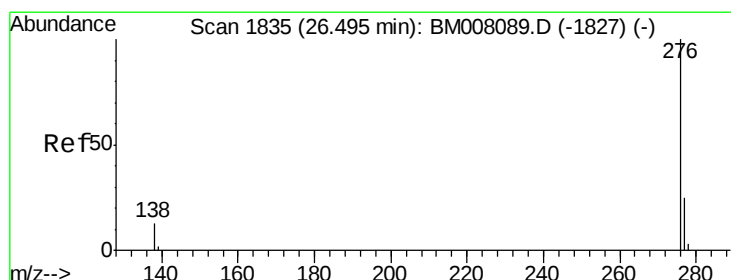
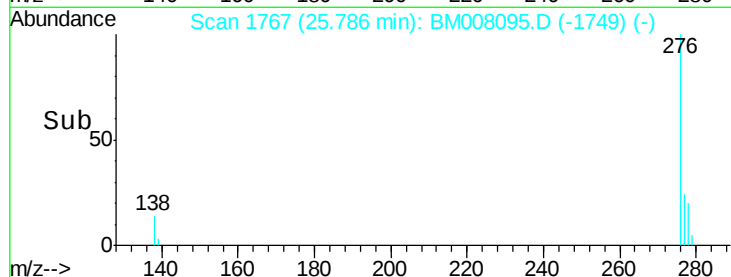
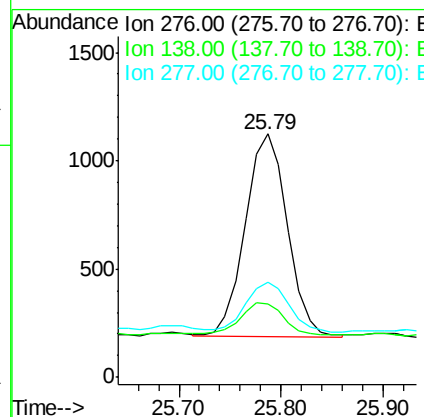
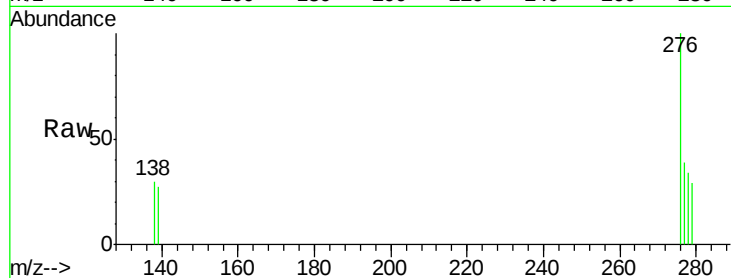
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.26 ng/ul
 RT: 25.79 min Scan# 1767
 Delta R.T. -0.01 min
 Lab File: BM008095.D
 Acq: 28 Nov 2016 20:19

Instrument :
 BNA_M
 ClientSampleId :
 JHSS0DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.1	19.1	28.7#
277	25.7	19.6	29.4

Manual Integrations
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#26
 Benzo(g,h,i)perylene
 Concen: 0.31 ng/ul
 RT: 26.47 min Scan# 1833
 Delta R.T. -0.02 min
 Lab File: BM008095.D
 Acq: 28 Nov 2016 20:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	39.2	21.8	32.8#
138	30.7	20.5	30.7

