

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041116\
 Data File : BM004934.D
 Acq On : 11 Apr 2016 12:31
 Operator : UM/SJ
 Sample : H2275-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9T75

Manual Integrations
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Sohil
 4/12/2016 5:27:04 PM

Quant Time: Apr 12 01:25:31 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 12 01:10:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1303	0.40	ng/ul	0.00
4) Naphthalene-d8	10.61	136	5698	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.45	164	3345	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.19	188	6963m	0.40	ng/ul	0.00
18) Chrysene-d12	21.39	240	7131	0.40	ng/ul	0.00
22) Perylene-d12	23.67	264	5255m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	1648	2.81	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.21	152	2182	0.27	ng/ul	0.00
16) Fluoranthene-d10	19.23	212	5827	0.35	ng/ul	0.00
Target Compounds				Ovalue		
7) 2-Methylnaphthalene	12.28	142	268	0.03	ng/ul	99
9) Acenaphthylene	14.16	152	451	0.03	ng/ul#	68
10) Acenaphthene	14.50	153	266	0.02	ng/ul#	76
11) Fluorene	15.50	166	1025m	0.08	ng/ul	
13) Pentachlorophenol	16.85	266	186	0.11	ng/ul	91
14) Phenanthrene	17.23	178	2736m	0.14	ng/ul	
15) Anthracene	17.33	178	2425	0.13	ng/ul#	91
17) Fluoranthene	19.25	202	3519	0.16	ng/ul	93
19) Pyrene	19.62	202	4457	0.18	ng/ul#	95
20) Benzo(a)anthracene	21.37	228	2040	0.09	ng/ul#	93
21) Chrysene	21.42	228	1815	0.09	ng/ul	94
23) Benzo(b)fluoranthene	22.98	252	2025m	0.11	ng/ul	
24) Benzo(k)fluoranthene	23.02	252	1444m	0.09	ng/ul	
26) Indeno(1,2,3-cd)pyrene	26.00	276	1222m	0.08	ng/ul	
27) Dibenzo(a,h)anthracene	26.01	278	883m	0.07	ng/ul	
28) Benzo(a,h,i)perylene	26.70	276	923m	0.07	ng/ul	

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

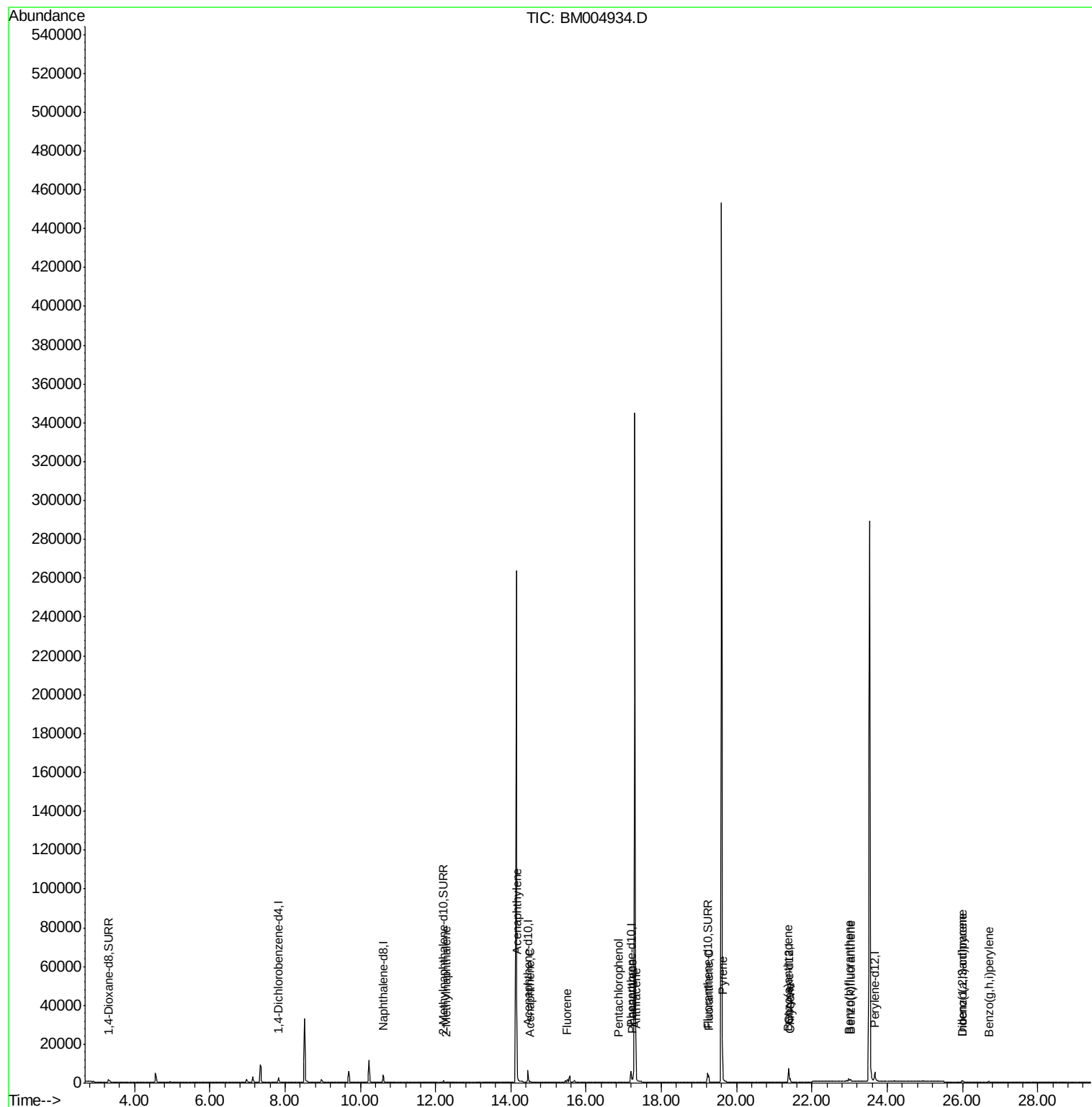
Data Path : Z:\HPCHEM1\BNA M\DATA\BM041116\
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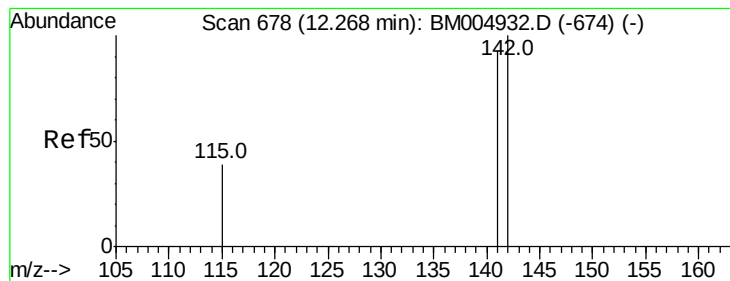
Instrument :
BNA_M
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 12 01:10:05 2016
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#7

2-Methylnaphthalene

Concen: 0.03 ng/ul

RT: 12.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BM004934.D

Acq: 11 Apr 2016 12:31

Instrument :

BNA_M

ClientSampleId :

D9T75

Tot Ion:142 Resp: 268

Ion Ratio Lower Upper

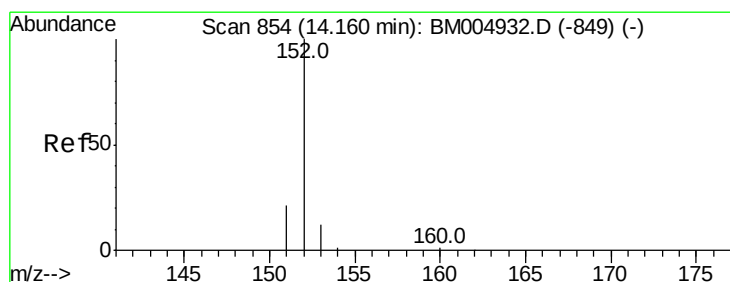
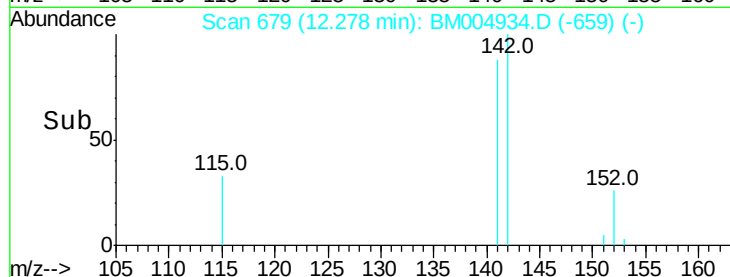
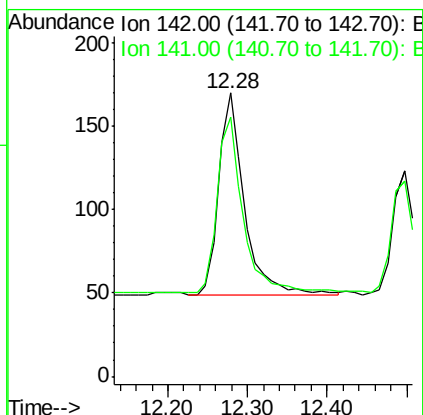
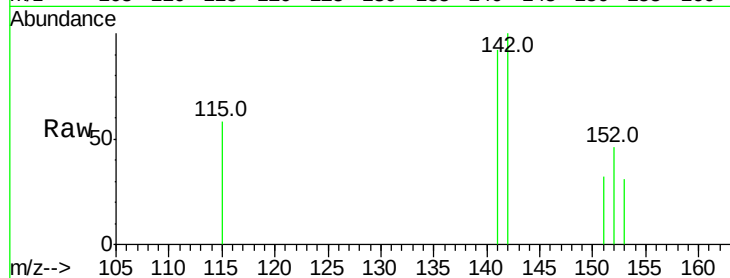
142 100

141 89.2 70.3 105.5

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#9

Acenaphthylene

Concen: 0.03 ng/ul

RT: 14.16 min Scan# 854

Delta R.T. 0.00 min

Lab File: BM004934.D

Acq: 11 Apr 2016 12:31

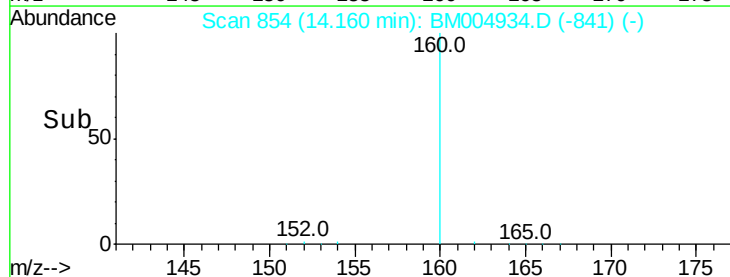
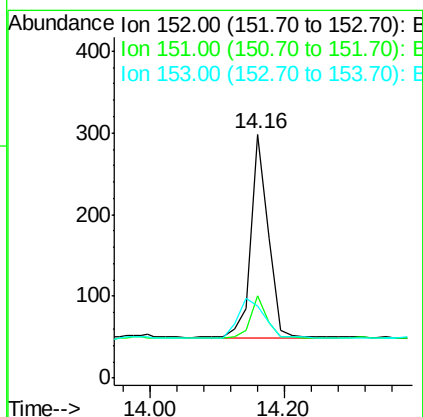
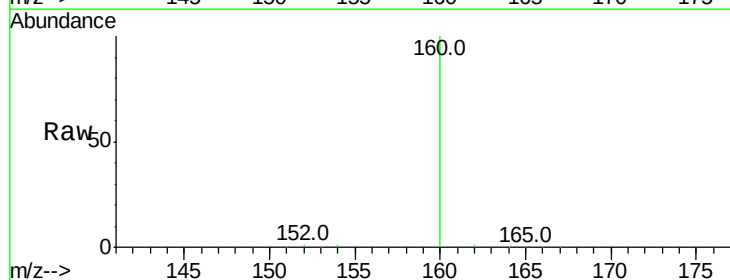
Tgt Ion:152 Resp: 451

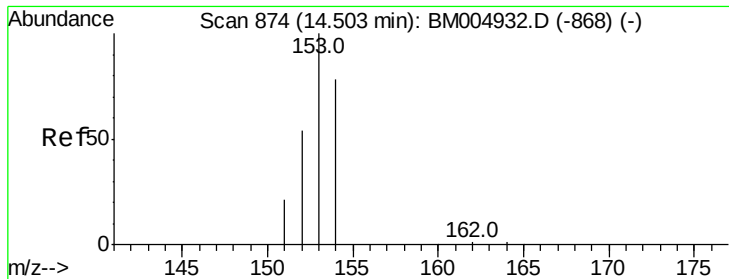
Ion Ratio Lower Upper

152 100

151 33.6 17.6 26.4#

153 29.5 9.7 14.5#





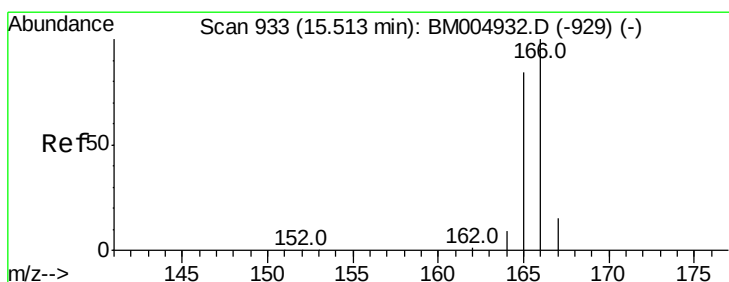
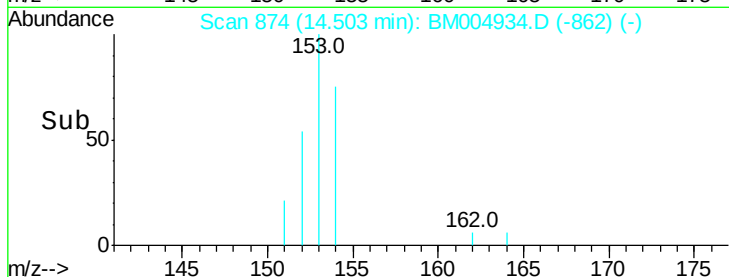
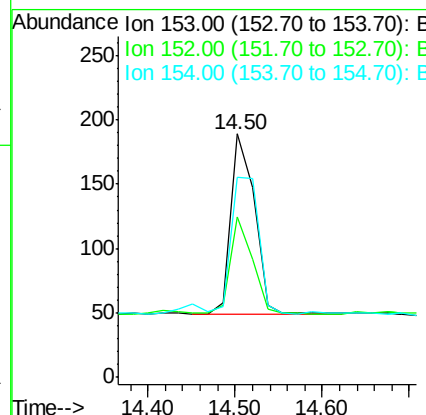
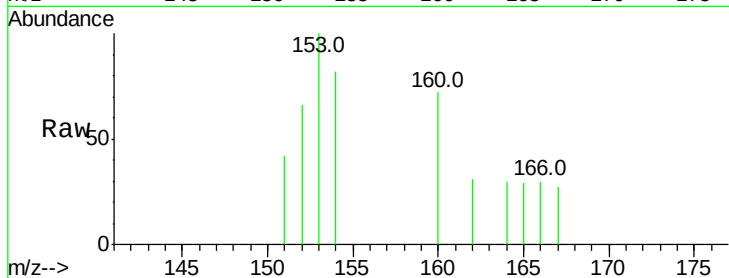
#10
Acenaphthene
Concen: 0.02 ng/ul
RT: 14.50 min Scan# 874
Delta R.T. 0.00 min
Lab File: BM004934.D
Acq: 11 Apr 2016 12:31

Instrument :
BNA_M
ClientSampled :
D9T75

Tot Ion	Ratio	Lower	Upper
153	100		
152	66.1	33.9	50.9#
154	82.0	80.6	121.0

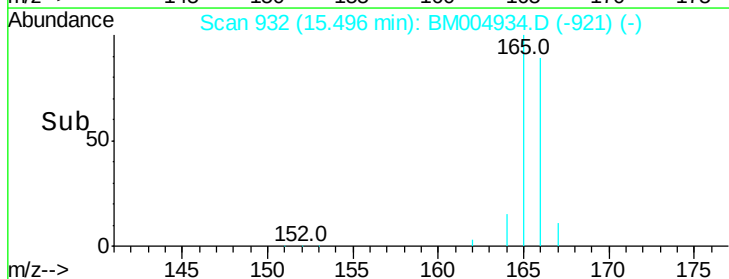
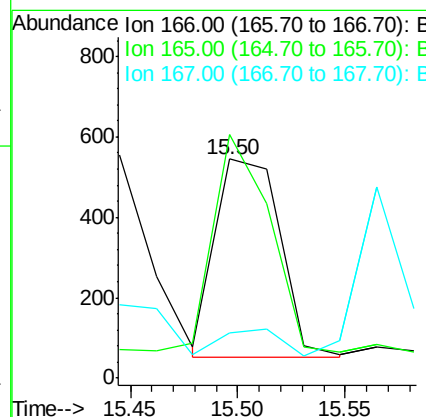
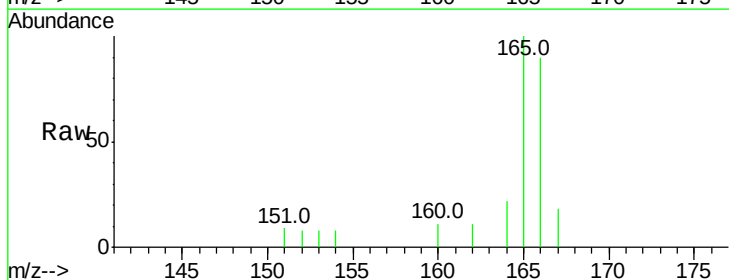
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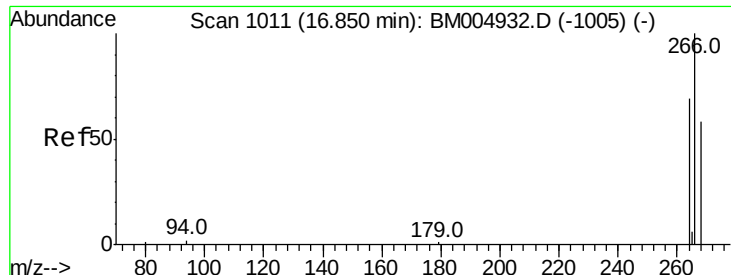
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#11
Fluorene
Concen: 0.08 ng/ul m
RT: 15.50 min Scan# 932
Delta R.T. -0.02 min
Lab File: BM004934.D
Acq: 11 Apr 2016 12:31

Tgt Ion	Ratio	Lower	Upper
166	100		
165	111.2	69.6	104.4#
167	20.6	11.9	17.9#





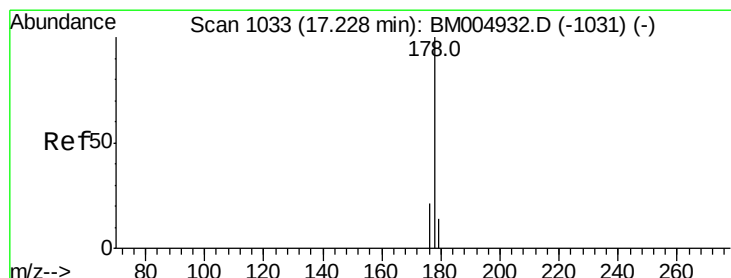
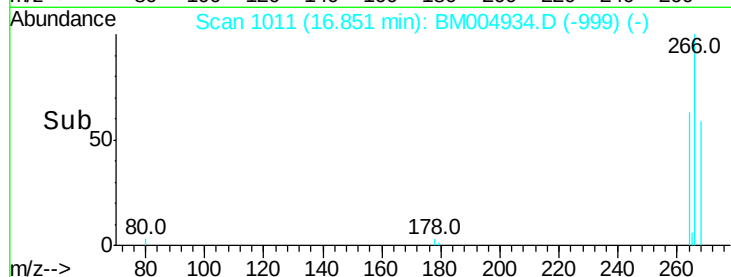
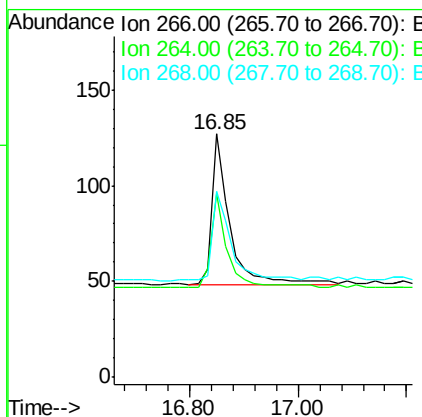
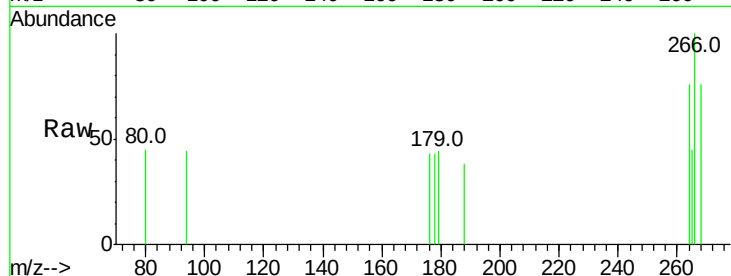
#13
 Pentachlorophenol
 Concen: 0.11 ng/ul
 RT: 16.85 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BM004934.D
 Acq: 11 Apr 2016 12:31

Instrument :
 BNA_M
 ClientSampleId :
 D9T75

Tot Ion	Ratio	Lower	Upper
266	100		
264	54.8	51.8	77.8
268	55.4	46.8	70.2

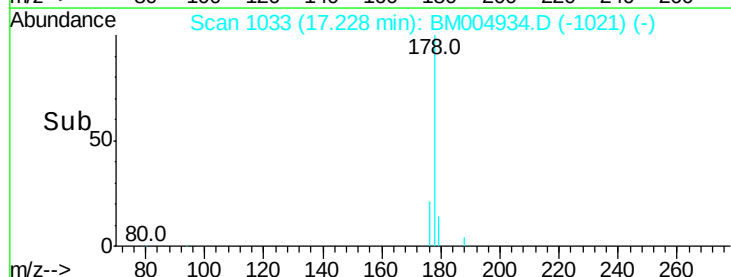
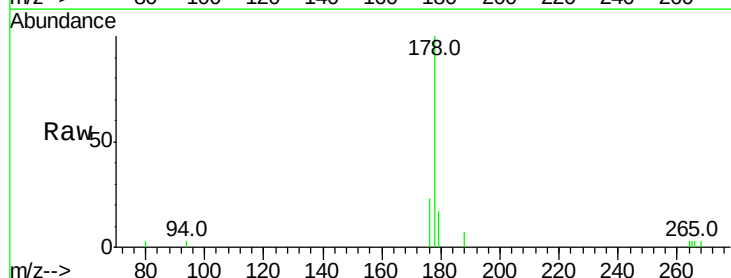
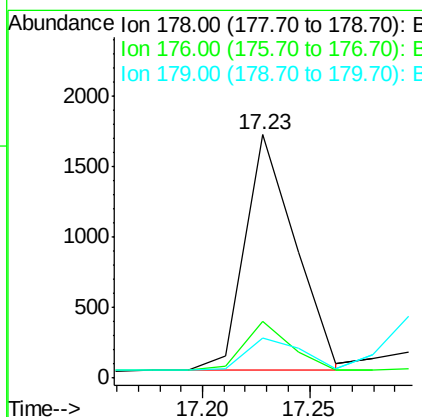
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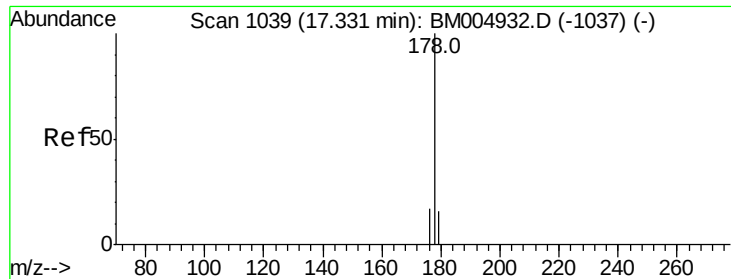
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#14
 Phenanthrene
 Concen: 0.14 ng/ul m
 RT: 17.23 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BM004934.D
 Acq: 11 Apr 2016 12:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	23.4	13.0	19.4#
179	16.6	14.2	21.2





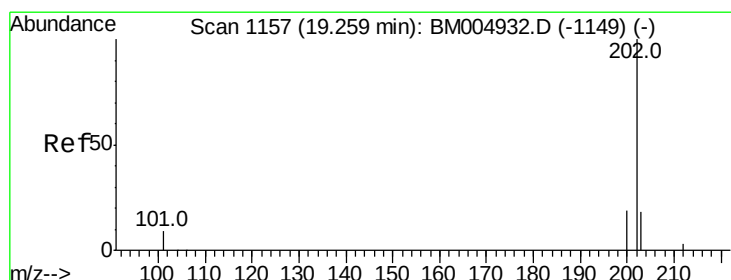
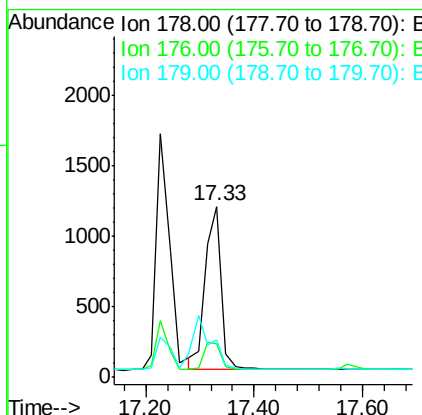
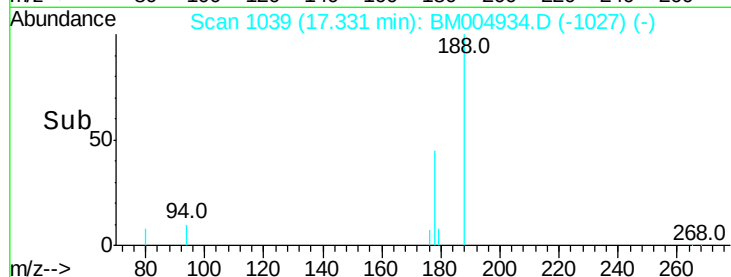
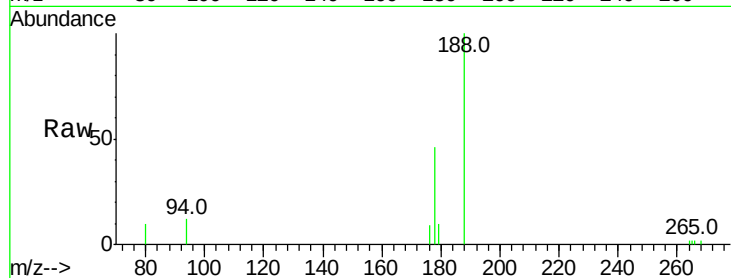
#15
 Anthracene
 Concen: 0.13 ng/ul
 RT: 17.33 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BM004934.D
 Acq: 11 Apr 2016 12:31

Instrument :
 BNA_M
 ClientSampleId :
 D9T75

Tot Ion:178 Resp: 2425
 Ion Ratio Lower Upper
 178 100
 176 19.9 14.0 21.0
 179 21.7 12.9 19.3#

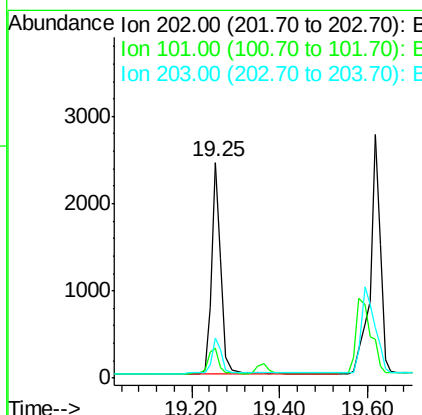
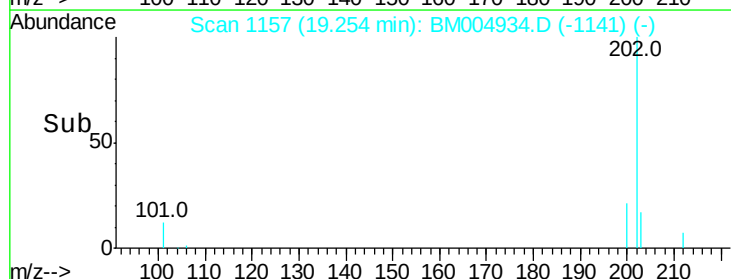
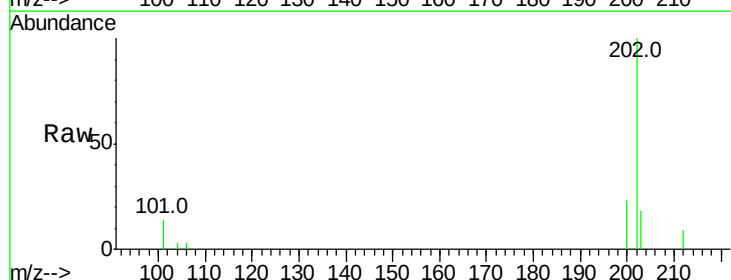
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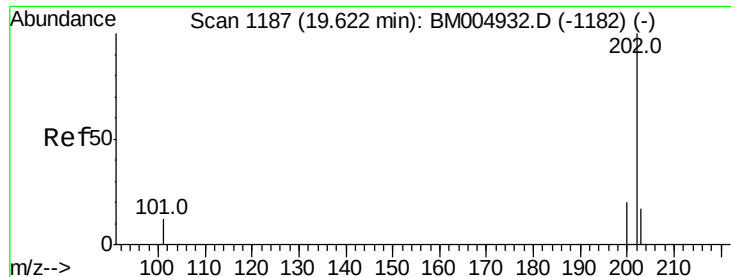
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#17
 Fluoranthene
 Concen: 0.16 ng/ul
 RT: 19.25 min Scan# 1157
 Delta R.T. -0.00 min
 Lab File: BM004934.D
 Acq: 11 Apr 2016 12:31

Tgt Ion:202 Resp: 3519
 Ion Ratio Lower Upper
 202 100
 101 13.9 0.0 29.6
 203 18.4 0.0 36.3





#19

Pvrene

Concen: 0.18 ng/ul

RT: 19.62 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BM004934.D

Acq: 11 Apr 2016 12:31

Instrument :

BNA_M

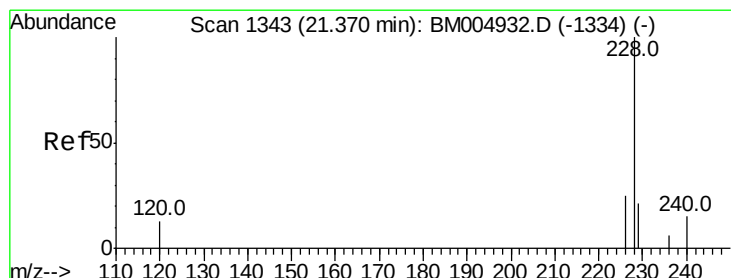
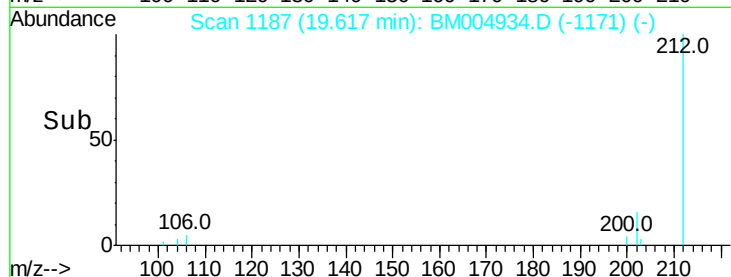
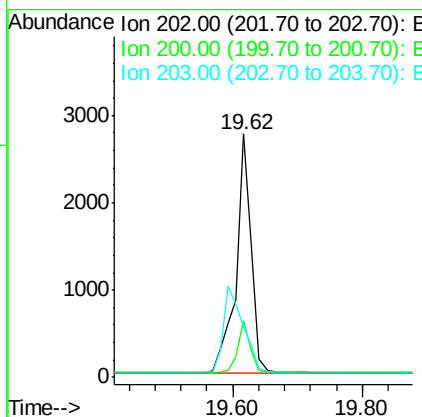
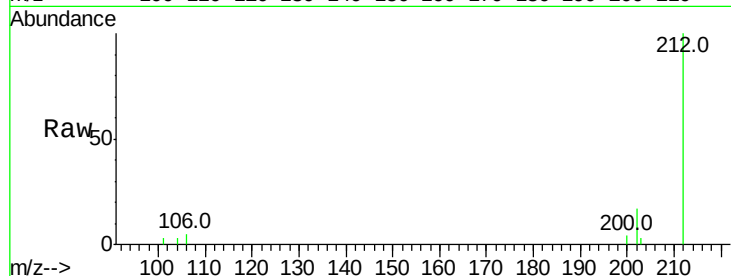
ClientSampleId :

D9T75

Tot Ion:	202	Resp:	4457
Ion Ratio	Lower	Upper	
202	100		
200	23.1	17.8	26.8
203	20.5	12.8	19.2

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#20

Benzo(a)anthracene

Concen: 0.09 ng/ul

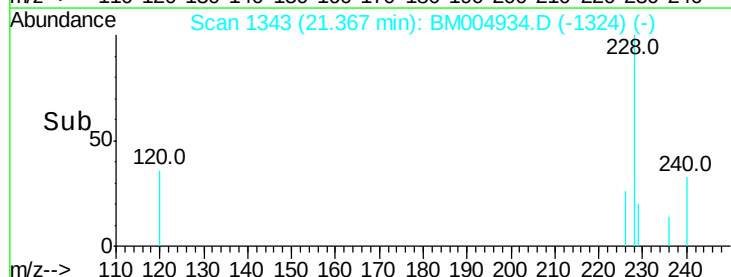
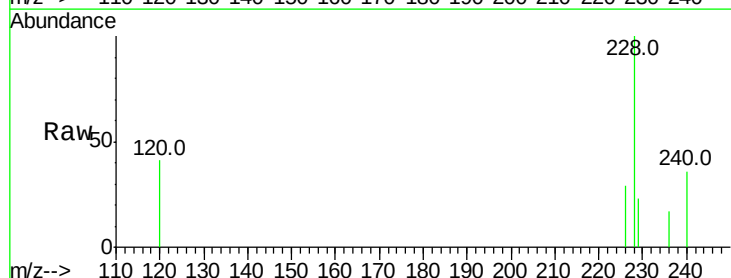
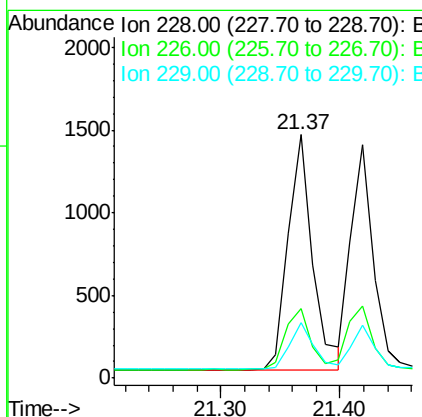
RT: 21.37 min Scan# 1343

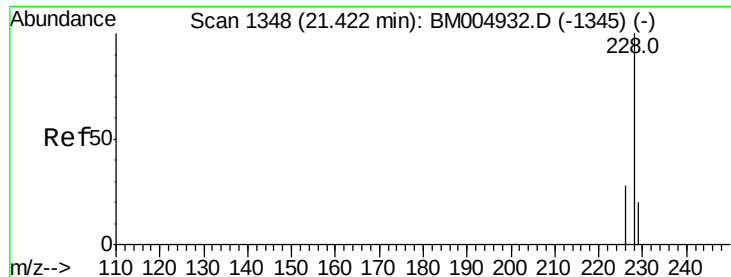
Delta R.T. -0.00 min

Lab File: BM004934.D

Acq: 11 Apr 2016 12:31

Tgt Ion:	228	Resp:	2040
Ion Ratio	Lower	Upper	
228	100		
226	28.8	18.8	28.2
229	22.6	17.1	25.7





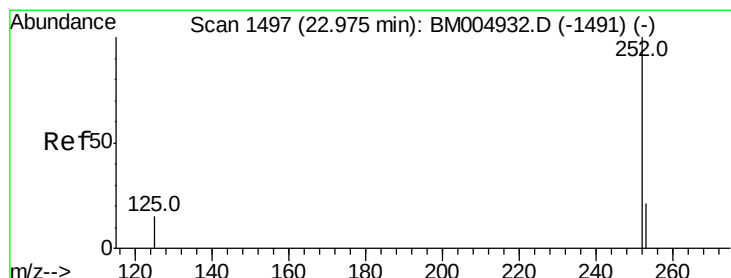
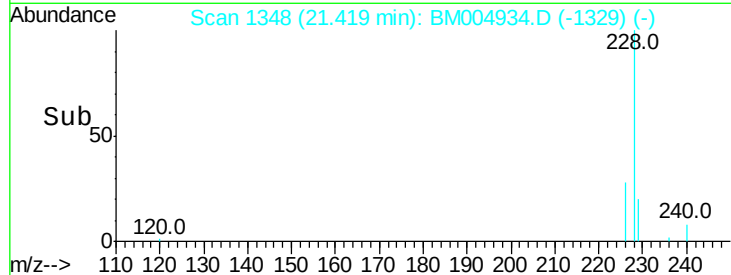
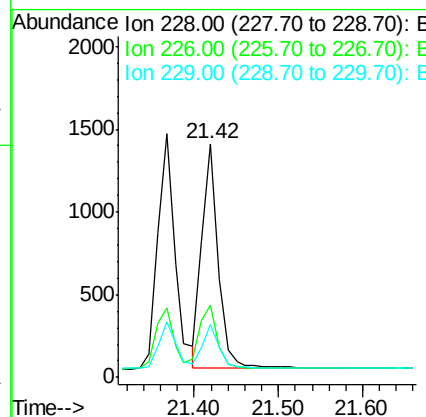
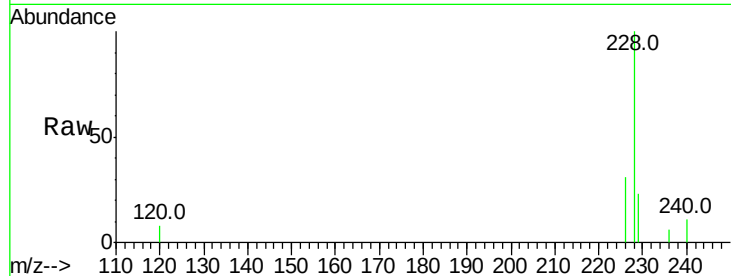
#21
Chrysene
Concen: 0.09 ng/ul
RT: 21.42 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BM004934.D
Acq: 11 Apr 2016 12:31

Instrument :
BNA_M
ClientSampleId :
D9T75

Tot Ion:	228	Resp:	1815
Ion Ratio	Lower	Upper	
228	100		
226	31.0	21.2	31.8
229	22.9	17.0	25.6

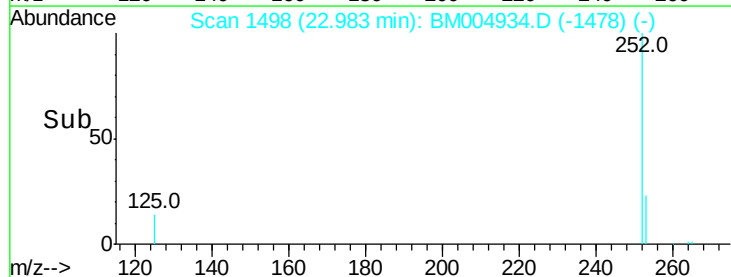
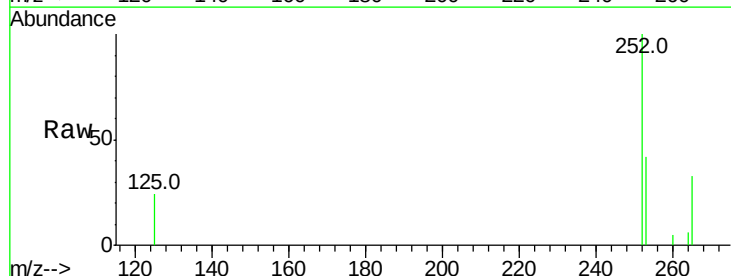
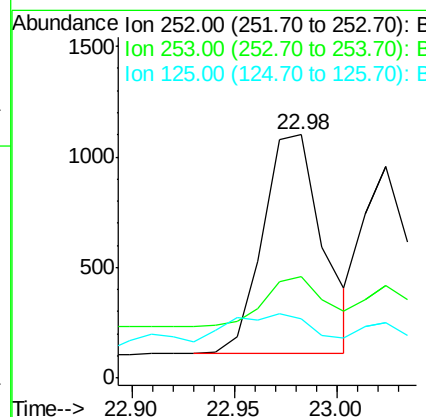
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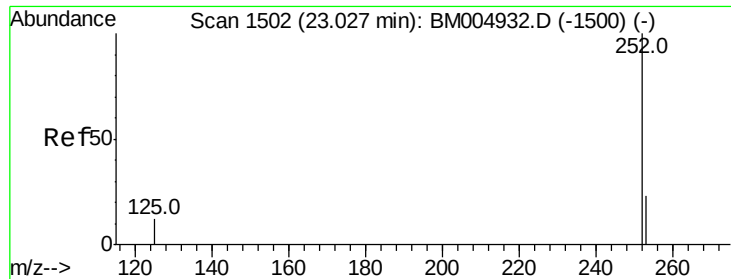
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#23
Benzo(b)fluoranthene
Concen: 0.11 ng/ul m
RT: 22.98 min Scan# 1498
Delta R.T. 0.01 min
Lab File: BM004934.D
Acq: 11 Apr 2016 12:31

Tgt Ion:	252	Resp:	2025
Ion Ratio	Lower	Upper	
252	100		
253	41.6	0.0	45.4
125	24.2	0.0	28.8





#24

Benzo(k)fluoranthene

Concen: 0.09 ng/ul m

RT: 23.02 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BM004934.D

Acq: 11 Apr 2016 12:31

Instrument :

BNA_M

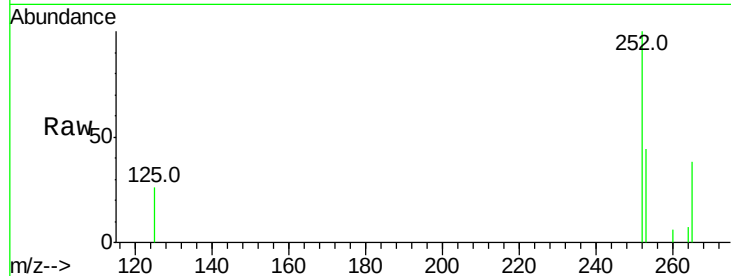
ClientSampleId :

D9T75

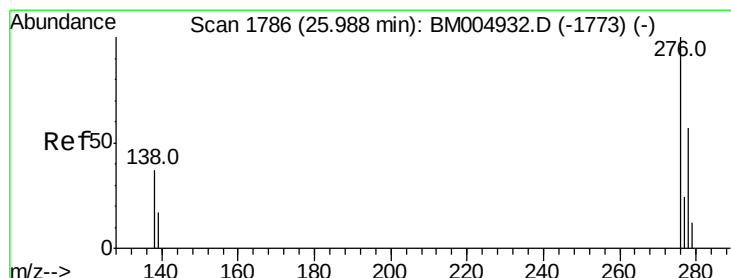
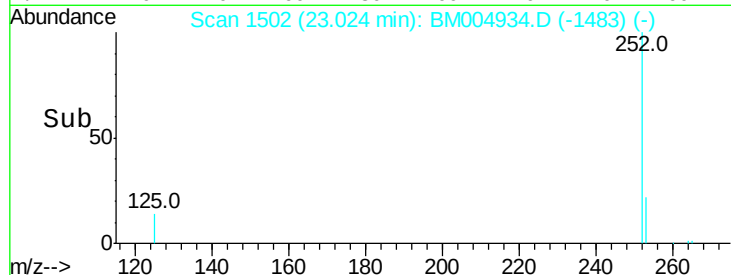
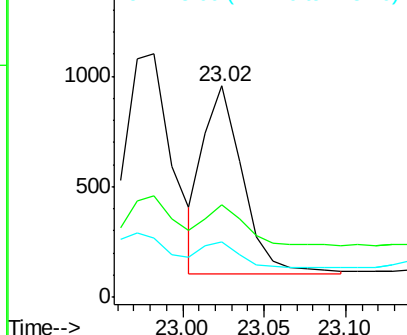
Tot Ion:	252	Resp:	1444
Ion Ratio	Lower	Upper	
252	100		
253	43.9	19.8	29.8#
125	26.3	10.4	15.6#

Manual Integrations
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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



#26

Indeno(1,2,3-cd)pyrene

Concen: 0.08 ng/ul m

RT: 26.00 min Scan# 1787

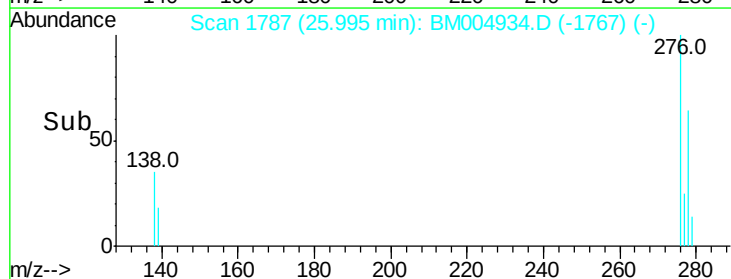
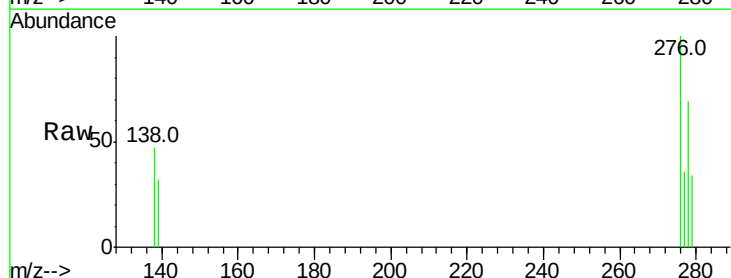
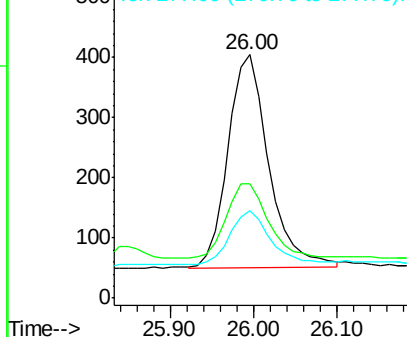
Delta R.T. 0.01 min

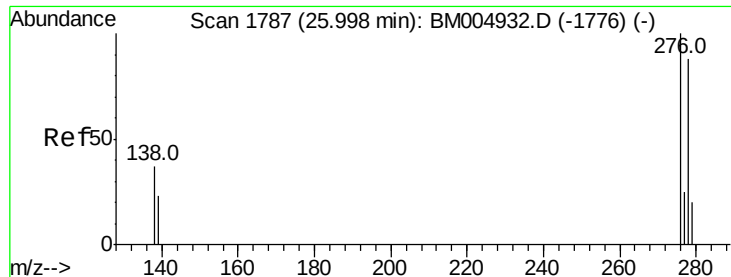
Lab File: BM004934.D

Acq: 11 Apr 2016 12:31

Tgt Ion:	276	Resp:	1222
Ion Ratio	Lower	Upper	
276	100		
138	0.0	16.3	24.5#
277	0.0	19.8	29.8#

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#27

Dibenzo(a,h)anthracene

Concen: 0.07 ng/ul m

RT: 26.01 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BM004934.D

Acq: 11 Apr 2016 12:31

Instrument :

BNA_M

ClientSampleId :

D9T75

Tot Ion:278 Resp: 883

Ion Ratio Lower Upper

278 100

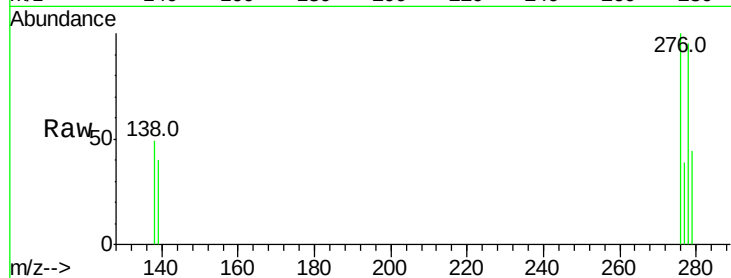
139 42.6 16.4 24.6#

279 46.7 20.2 30.2#

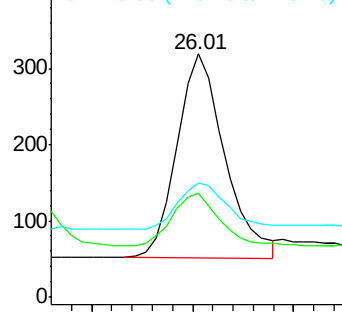
Manual Integrations
APPROVED

Sohil

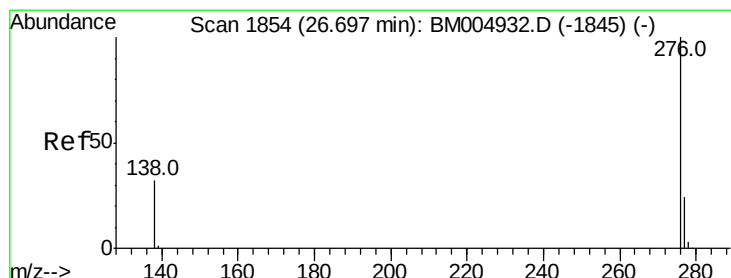
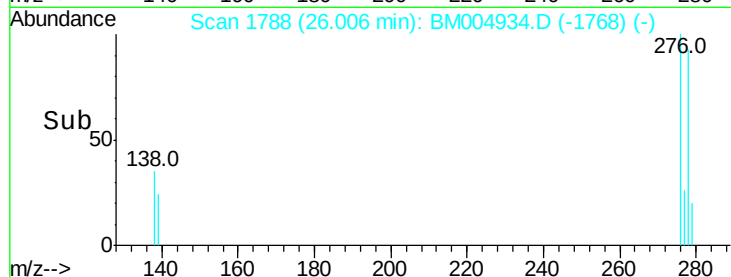
4/12/2016 5:27:04 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->



#28

Benzo(g,h,i)perylene

Concen: 0.07 ng/ul m

RT: 26.70 min Scan# 1855

Delta R.T. 0.01 min

Lab File: BM004934.D

Acq: 11 Apr 2016 12:31

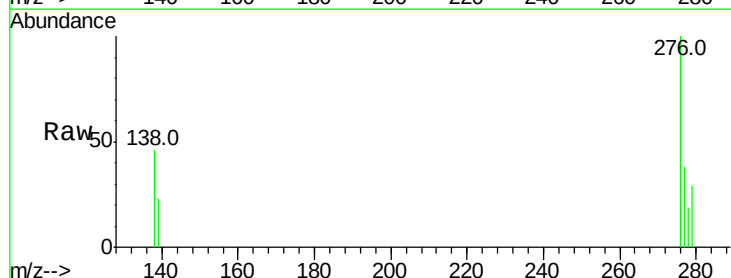
Tgt Ion:276 Resp: 923

Ion Ratio Lower Upper

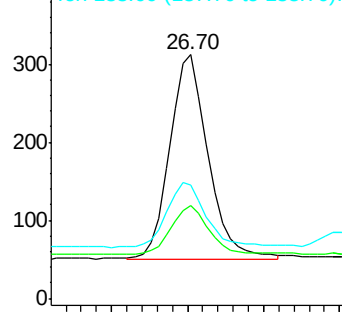
276 100

277 38.1 18.9 28.3#

138 46.5 22.5 33.7#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E



Time-->

