

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032416\
 Data File : BM004765.D
 Acq On : 25 Mar 2016 00:26
 Operator : UM/SJ
 Sample : H1909-11MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T45MSD

Manual Integrations
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 3/25/2016 2:59:54 PM

Quant Time: Mar 25 06:14:55 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM032216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 03:18:48 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	79568	5.00	ng/ul	0.00
4) Naphthalene-d8	10.62	136	322941	5.00	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	161068	5.00	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	330661	5.00	ng/ul	0.00
18) Chrysene-d12	21.40	240	251444	5.00	ng/ul	-0.01
22) Perylene-d12	23.69	264	228681	5.00	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	4937	0.13	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.21	152	1967	0.01	ng/ul	-0.01
16) Fluoranthene-d10	19.24	212	4101	0.01	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.67	128	1966	0.00	ng/ul#	89
10) Acenaphthene	14.52	153	243402	0.46	ng/ul	85
13) Pentachlorophenol	16.87	266	42782	0.96	ng/ul	96
14) Phenanthrene	17.24	178	21056	0.02	ng/ul#	93
15) Anthracene	17.33	178	6133m	0.01	ng/ul	
17) Fluoranthene	19.27	202	51617	0.06	ng/ul	97
19) Pyrene	19.63	202	512773	0.58	ng/ul	99
20) Benzo(a)anthracene	21.38	228	28472	0.05	ng/ul#	90
21) Chrysene	21.43	228	30028m	0.04	ng/ul	
23) Benzo(b)fluoranthene	22.99	252	55915m	0.07	ng/ul	
24) Benzo(k)fluoranthene	23.02	252	18366m	0.02	ng/ul	
25) Benzo(a)pyrene	23.59	252	44240	0.06	ng/ul#	90
26) Indeno(1,2,3-cd)pyrene	26.02	276	39457	0.05	ng/ul#	90
27) Dibenzo(a,h)anthracene	26.03	278	10062	0.02	ng/ul#	41
28) Benzo(a,h,i)perylene	26.74	276	48525	0.07	ng/ul#	89

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

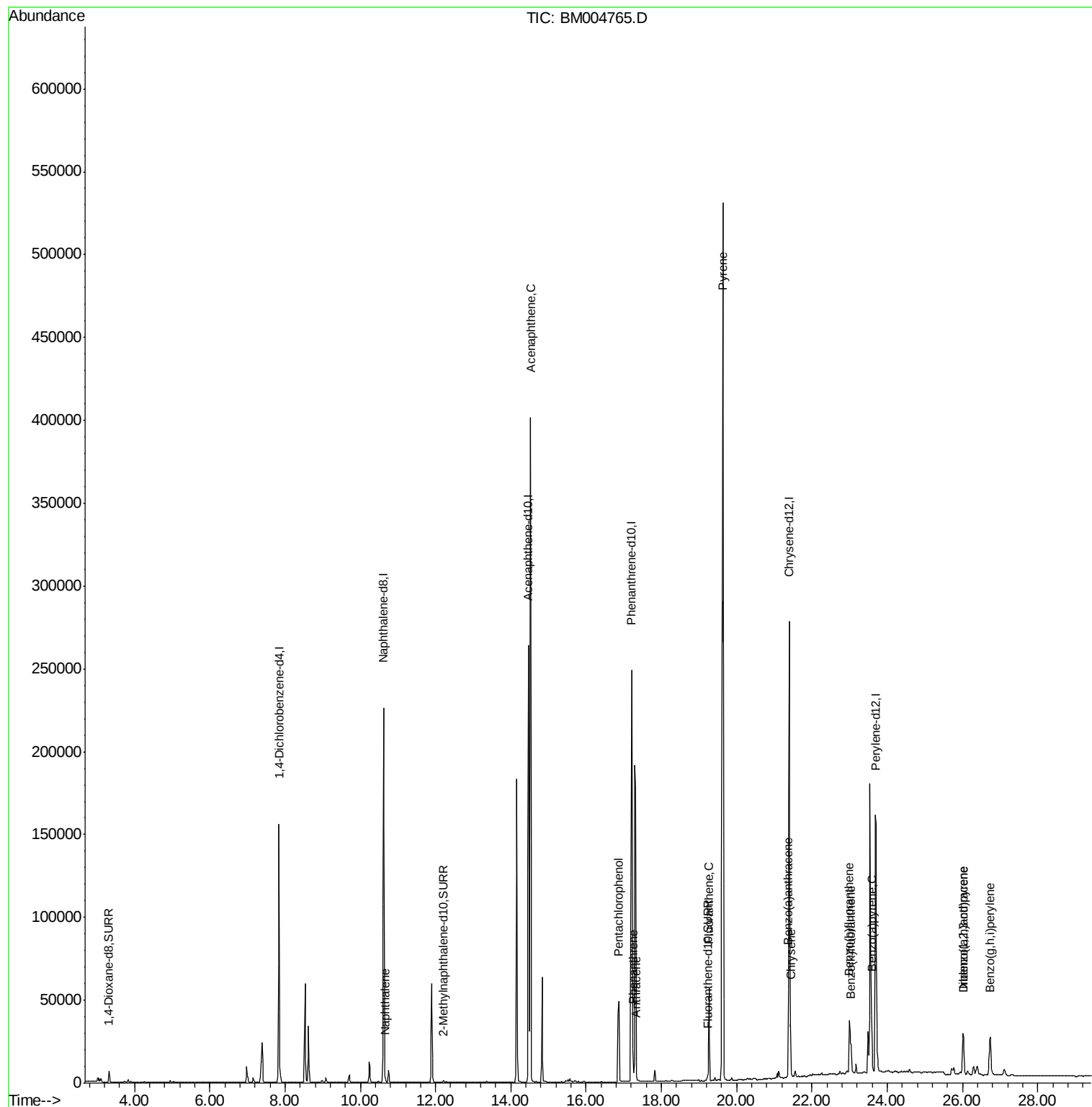
Data Path : Z:\HPCHEM1\BNA M\DATA\BM032416\
Data File : BM004765.D
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ALS Vial : 16 Sample Multiplier: 1

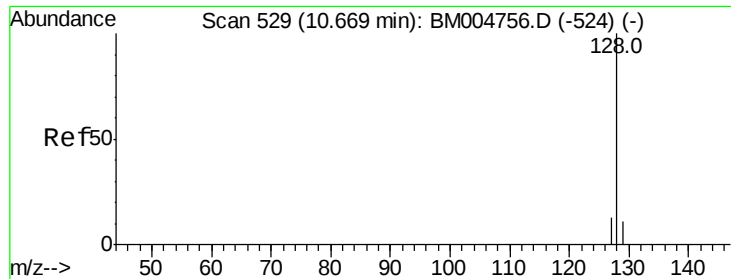
Instrument :
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Quant Time: Mar 25 06:14:55 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM032216.M
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QLast Update : Fri Mar 25 03:18:48 2016
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.00 ng/ul

RT: 10.67 min Scan# 529

Delta R.T. 0.00 min

Lab File: BM004765.D

Acq: 25 Mar 2016 00:26

Instrument :

BNA_M

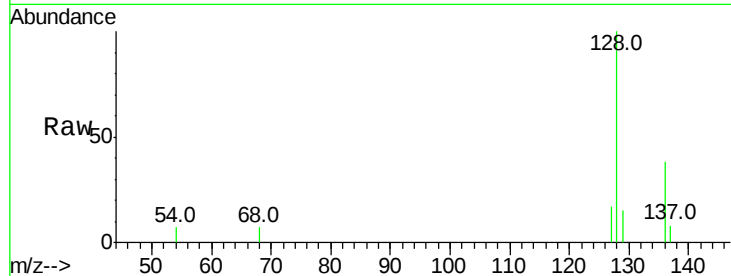
ClientSampleId :

A4T45MSD

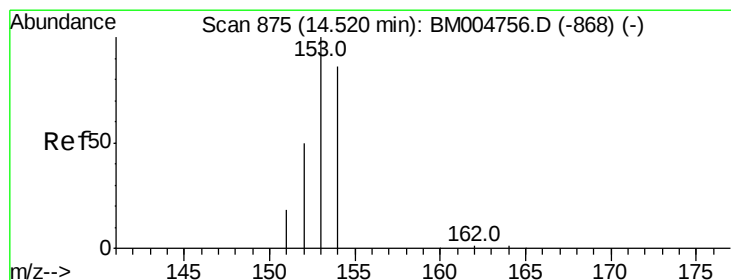
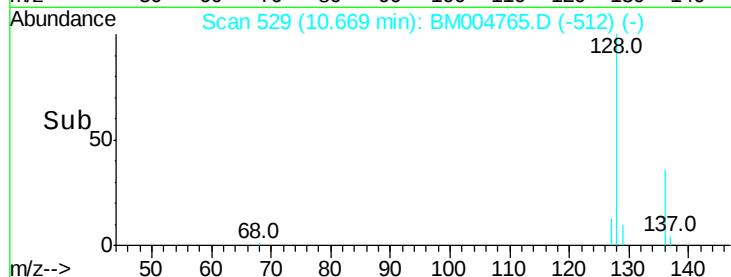
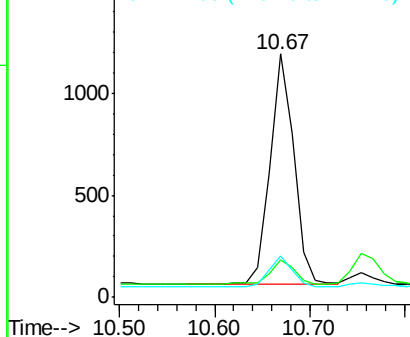
Tot Ion:	128	Resp:	1966
Ion Ratio	Lower	Upper	
128	100		
129	15.3	9.0	13.6#
127	16.8	9.6	14.4#

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#10

Acenaphthene

Concen: 0.46 ng/ul

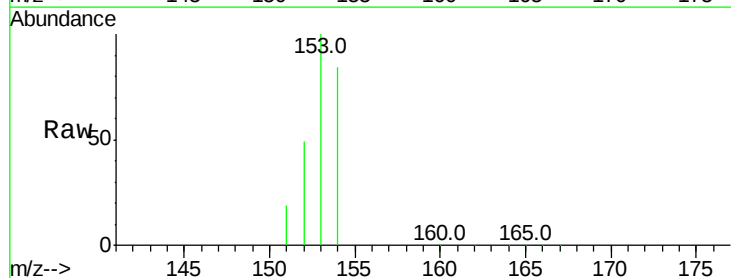
RT: 14.52 min Scan# 875

Delta R.T. 0.00 min

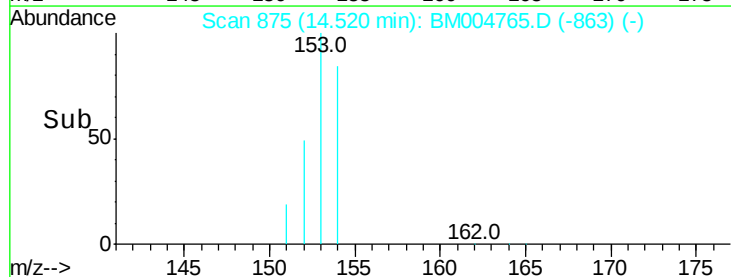
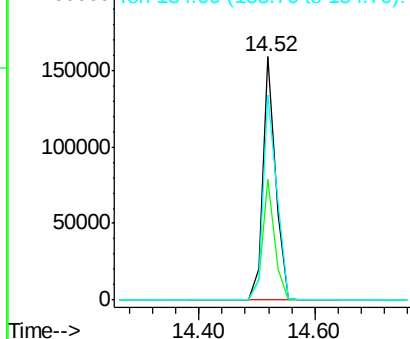
Lab File: BM004765.D

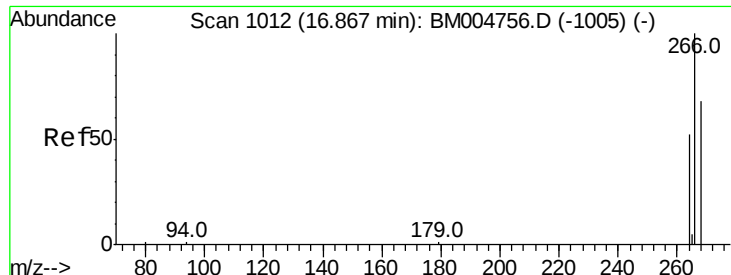
Acq: 25 Mar 2016 00:26

Tgt Ion:	153	Resp:	243402
Ion Ratio	Lower	Upper	
153	100		
152	49.4	33.9	50.9
154	84.5	80.6	121.0



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





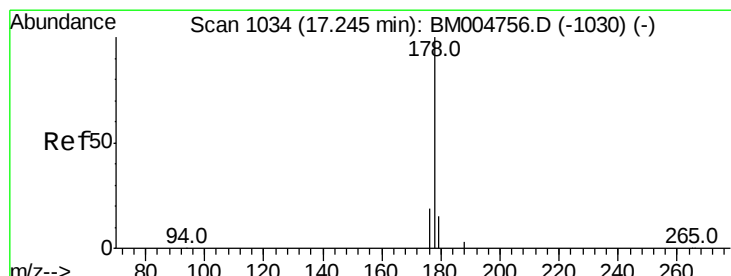
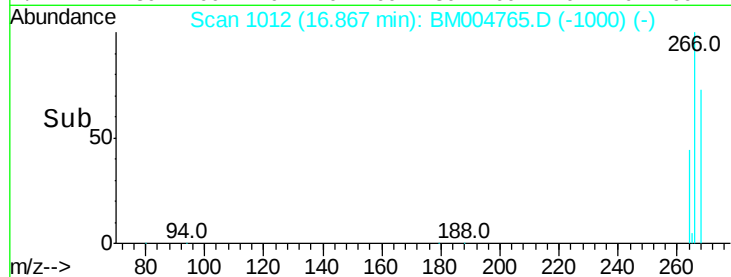
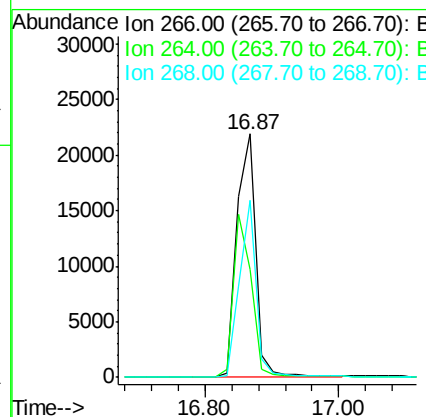
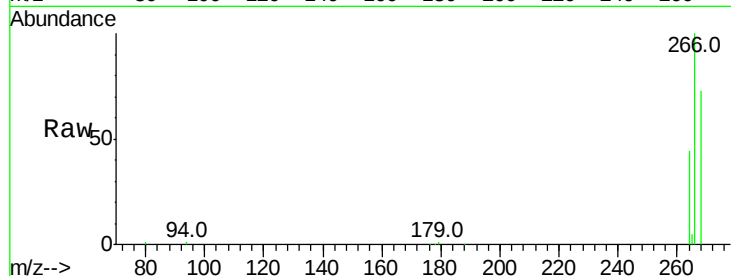
#13
 Pentachlorophenol
 Concen: 0.96 ng/ul
 RT: 16.87 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BM004765.D
 Acq: 25 Mar 2016 00:26

Instrument :
 BNA_M
 ClientSampleId :
 A4T45MSD

Tot Ion	Ratio	Lower	Upper
266	100		
264	63.5	51.8	77.8
268	63.8	46.8	70.2

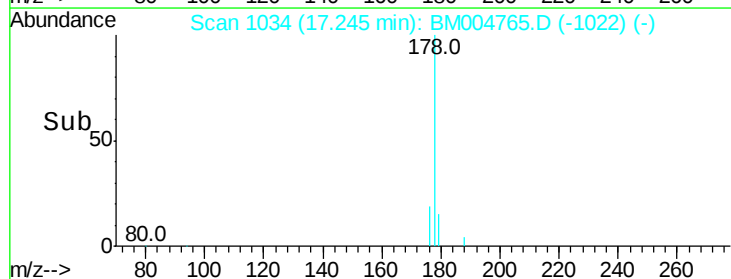
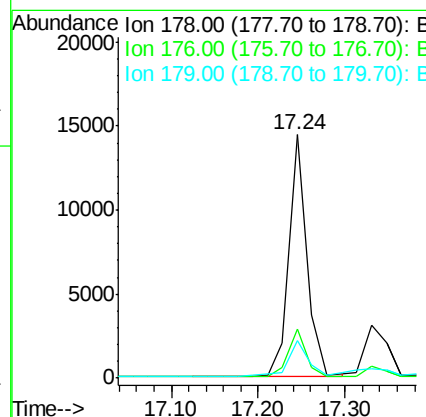
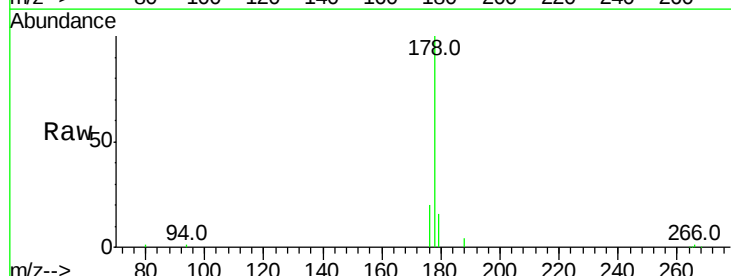
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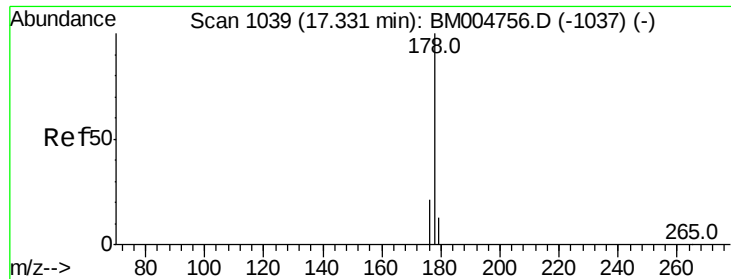
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#14
 Phenanthrene
 Concen: 0.02 ng/ul
 RT: 17.24 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BM004765.D
 Acq: 25 Mar 2016 00:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	13.0	19.4#
179	15.5	14.2	21.2





#15

Anthracene

Concen: 0.01 ng/ul m

RT: 17.33 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BM004765.D

Acq: 25 Mar 2016 00:26

Instrument :

BNA_M

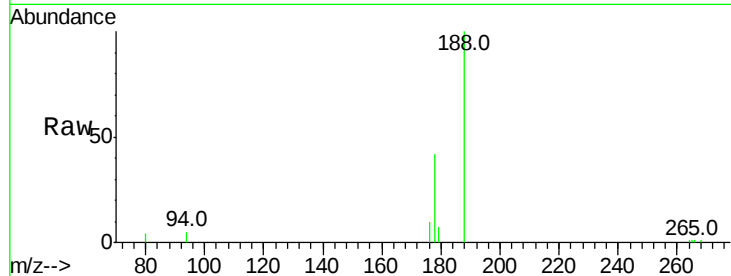
ClientSampleId :

A4T45MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	22.9	14.0	21.0#
179	17.7	12.9	19.3

Manual Integrations
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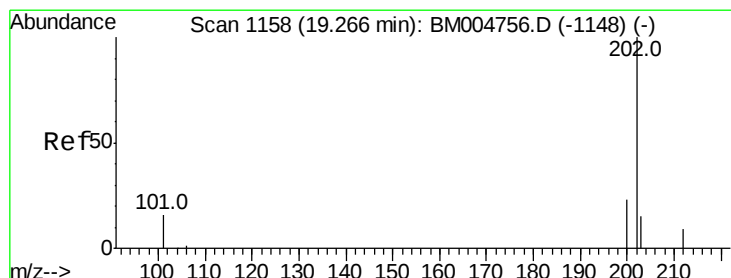
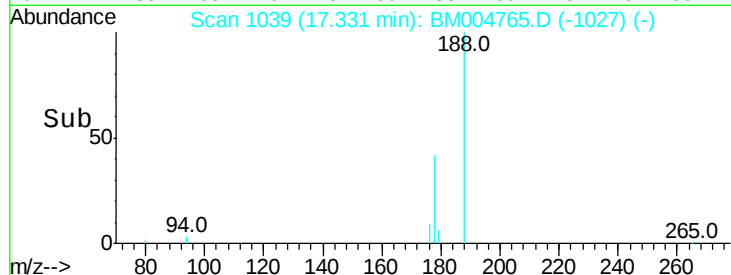
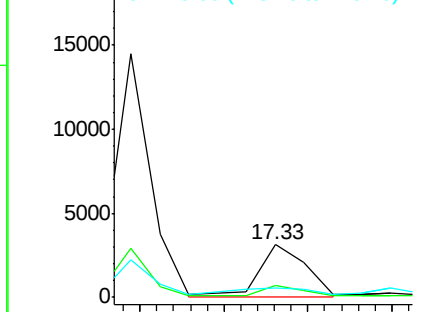


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#17

Fluoranthene

Concen: 0.06 ng/ul

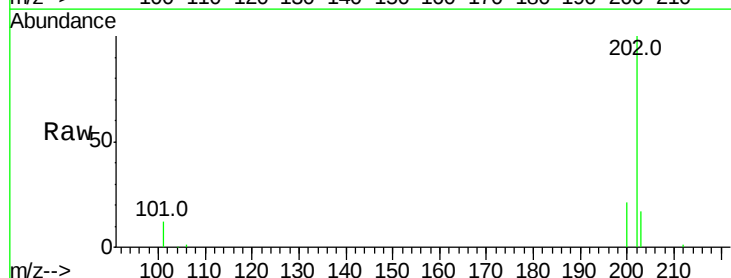
RT: 19.27 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BM004765.D

Acq: 25 Mar 2016 00:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	29.6
203	17.0	0.0	36.3

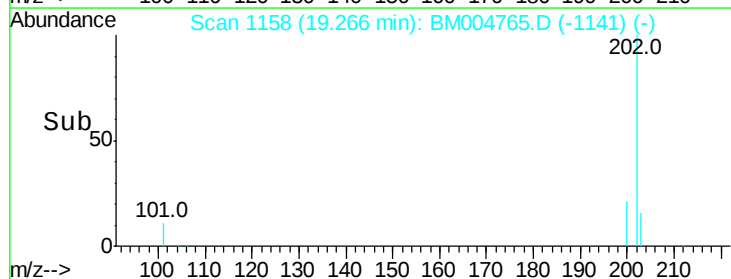
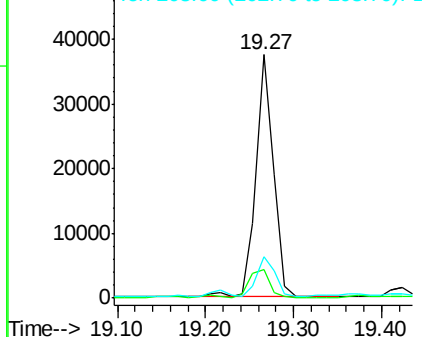


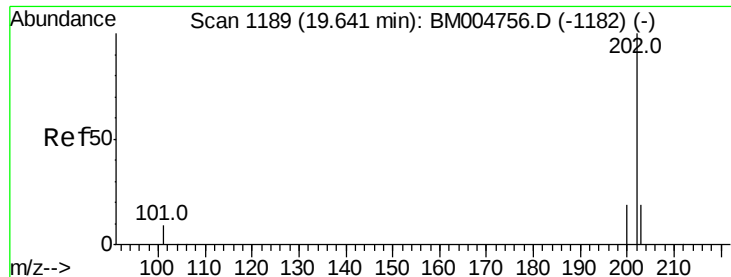
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





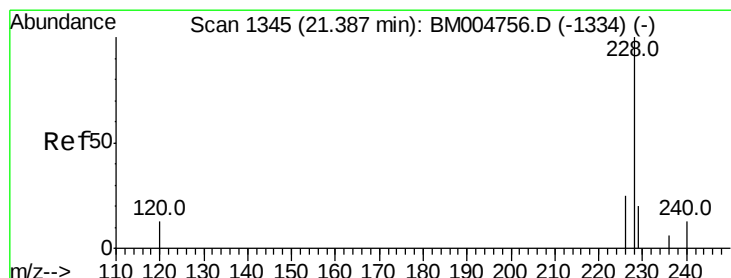
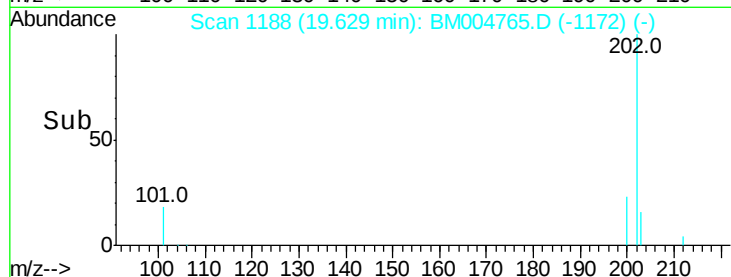
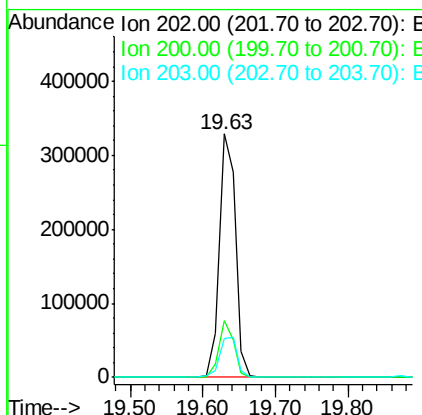
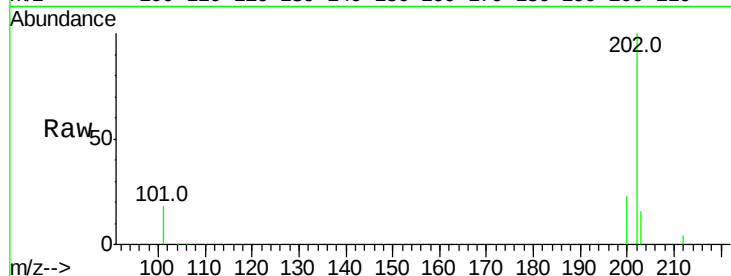
#19
Pvrene
Concen: 0.58 ng/ul
RT: 19.63 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BM004765.D
Acq: 25 Mar 2016 00:26

Instrument :
BNA_M
ClientSampleId :
A4T45MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	512773		
200	23.0		17.8	26.8
203	15.8		12.8	19.2

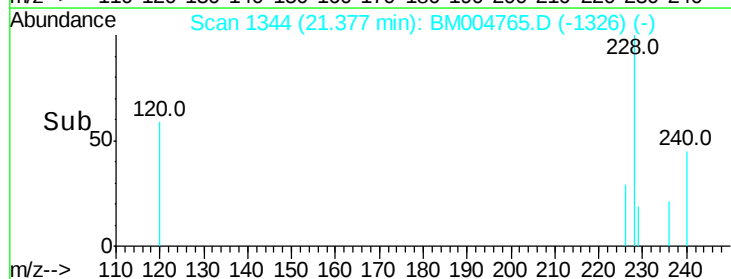
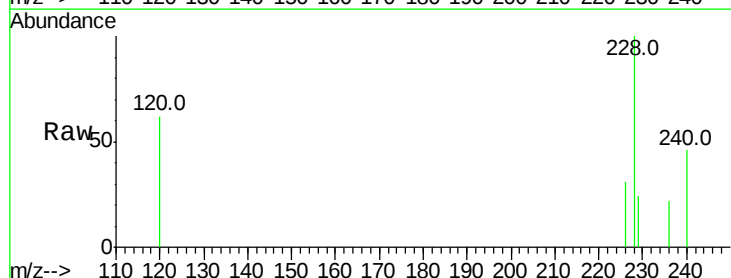
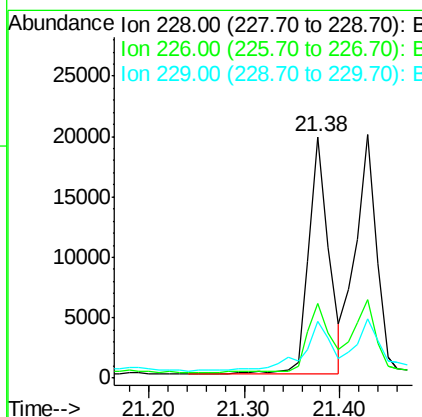
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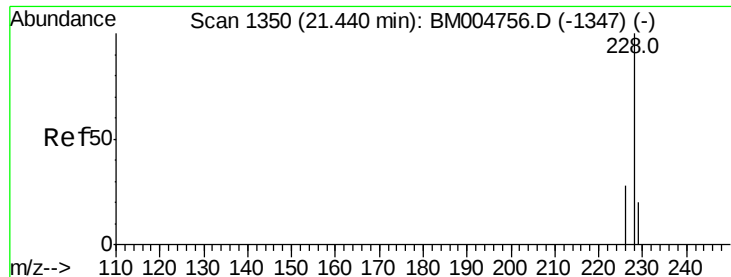
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#20
Benzo(a)anthracene
Concen: 0.05 ng/ul
RT: 21.38 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BM004765.D
Acq: 25 Mar 2016 00:26

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	28472		
226	31.0		18.8	28.2#
229	23.6		17.1	25.7





#21

Chrysene

Concen: 0.04 ng/ul m

RT: 21.43 min Scan# 1349

Delta R.T. -0.01 min

Lab File: BM004765.D

Acq: 25 Mar 2016 00:26

Instrument :

BNA_M

ClientSampleId :

A4T45MSD

Tot Ion:228 Resp: 30028

Ion Ratio Lower Upper

228 100

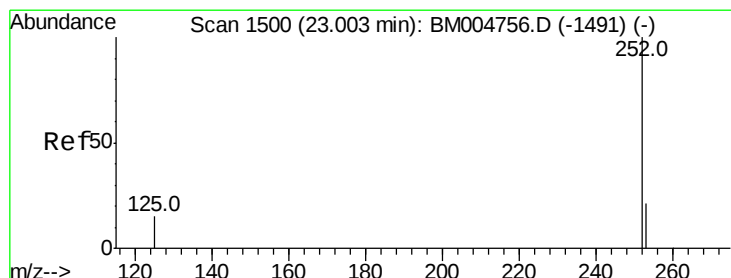
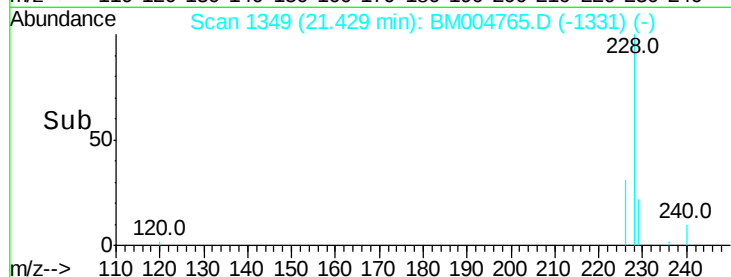
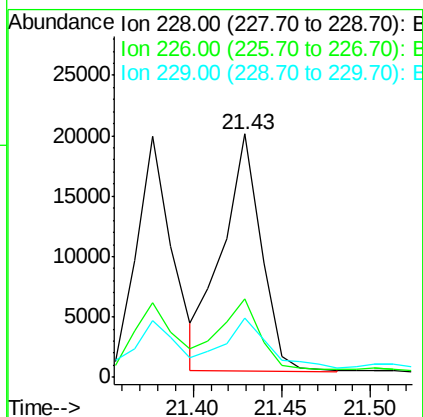
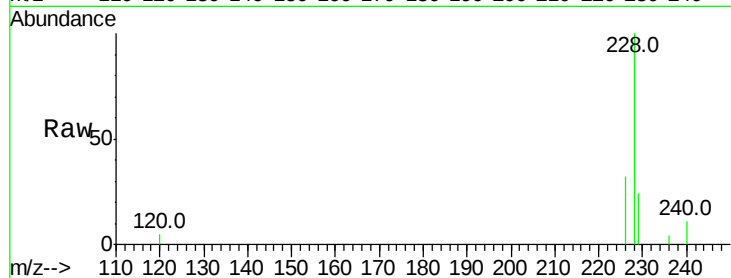
226 32.4 21.2 31.8#

229 24.5 17.0 25.6

Manual Integrations
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#23

Benzo(b)fluoranthene

Concen: 0.07 ng/ul m

RT: 22.99 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BM004765.D

Acq: 25 Mar 2016 00:26

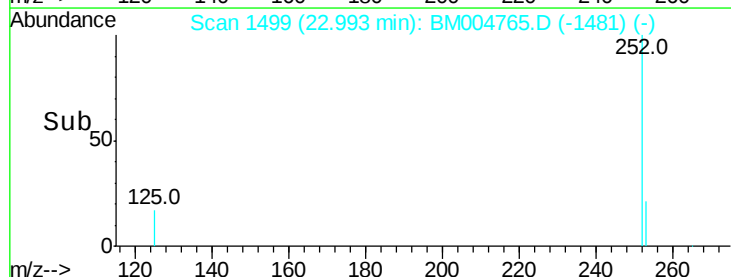
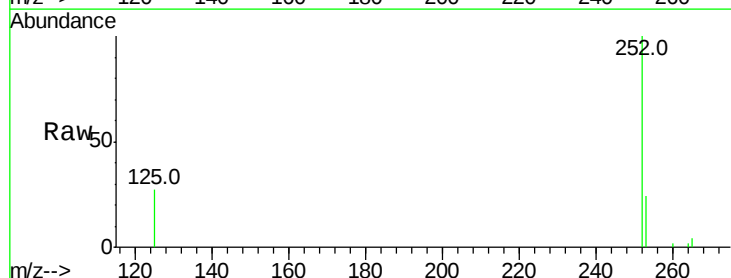
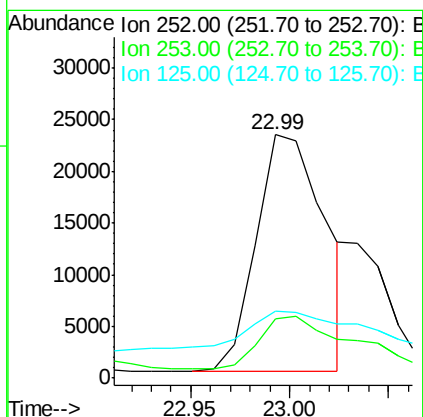
Tgt Ion:252 Resp: 55915

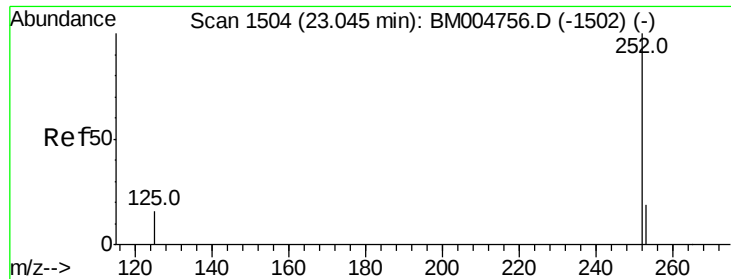
Ion Ratio Lower Upper

252 100

253 24.3 0.0 45.4

125 27.5 0.0 28.8





#24

Benzo(k)fluoranthene

Concen: 0.02 ng/ul

RT: 23.02 min Scan# 1502

Delta R.T. -0.02 min

Lab File: BM004765.D

Acq: 25 Mar 2016 00:26

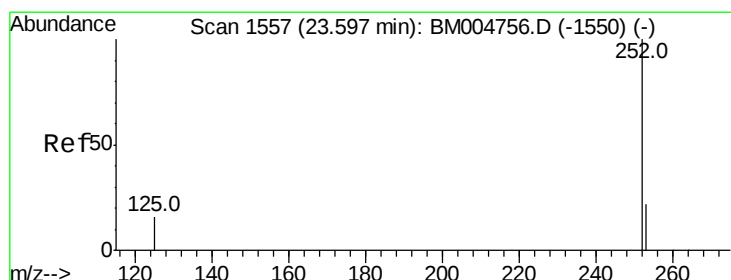
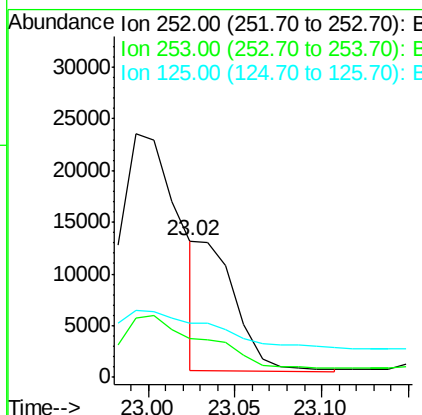
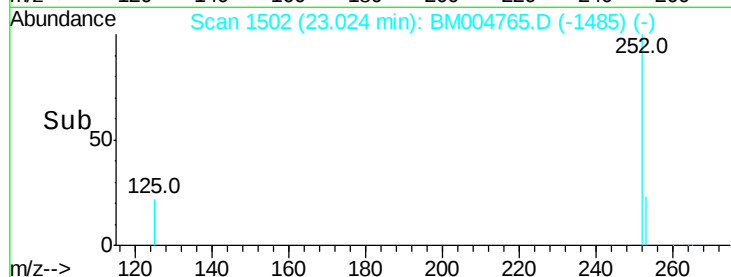
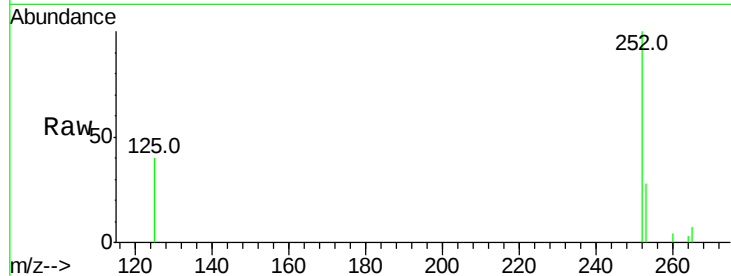
Instrument :
BNA_M

ClientSampleId :
A4T45MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.2	19.8	29.8
125	39.8	10.4	15.6

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#25

Benzo(a)pyrene

Concen: 0.06 ng/ul

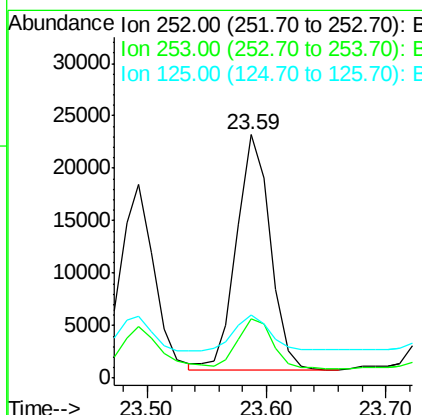
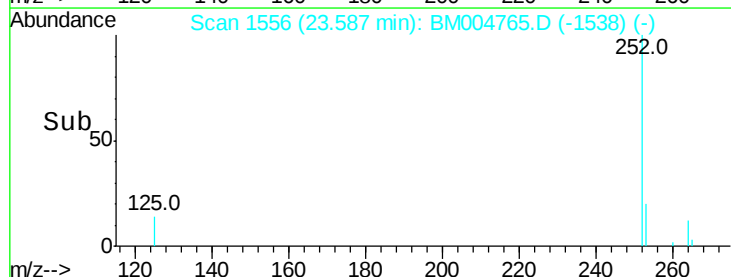
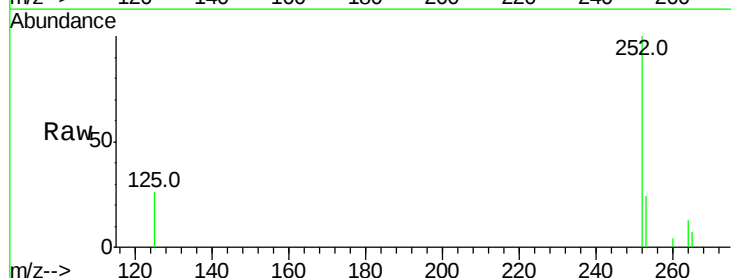
RT: 23.59 min Scan# 1556

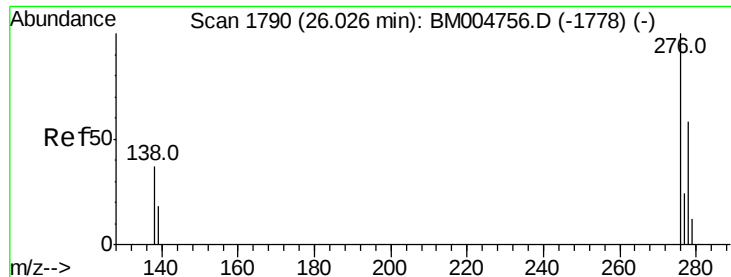
Delta R.T. -0.01 min

Lab File: BM004765.D

Acq: 25 Mar 2016 00:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.4	29.2
125	26.1	12.7	19.1





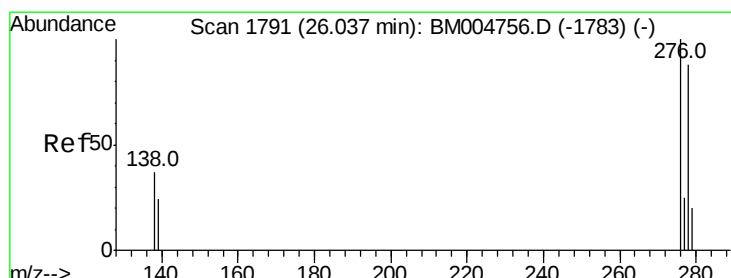
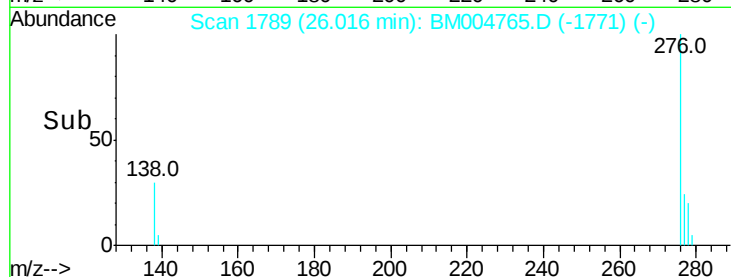
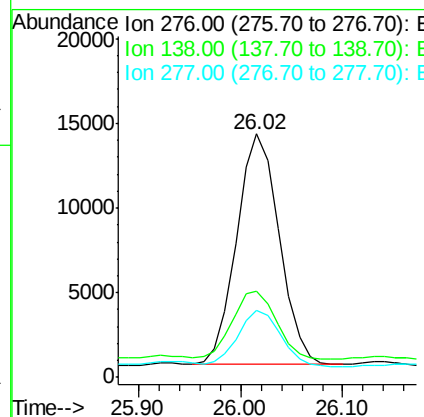
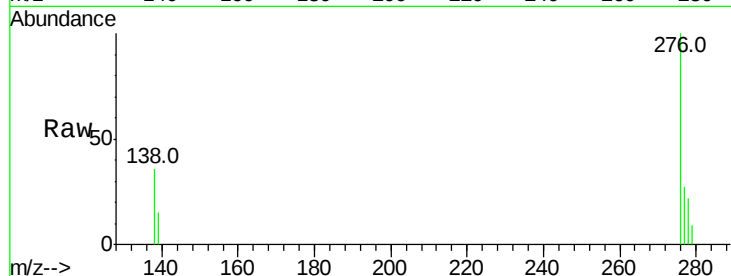
#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.05 ng/ul
 RT: 26.02 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BM004765.D
 Acq: 25 Mar 2016 00:26

Instrument :
 BNA_M
 ClientSampleId :
 A4T45MSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	39457		
138	30.7	16.3	24.5#	
277	24.4	19.8	29.8	

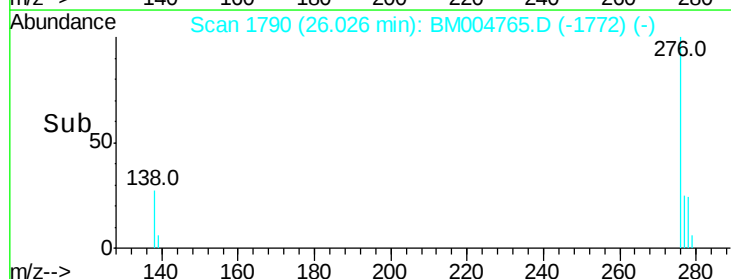
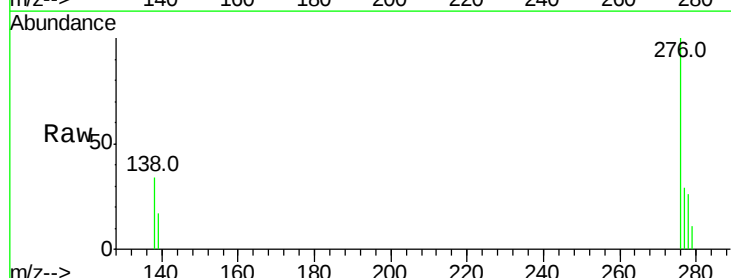
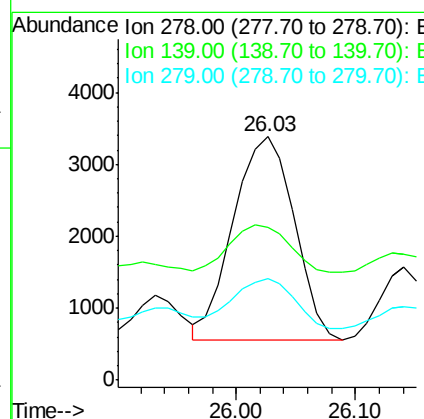
Manual Integrations
 APPROVED

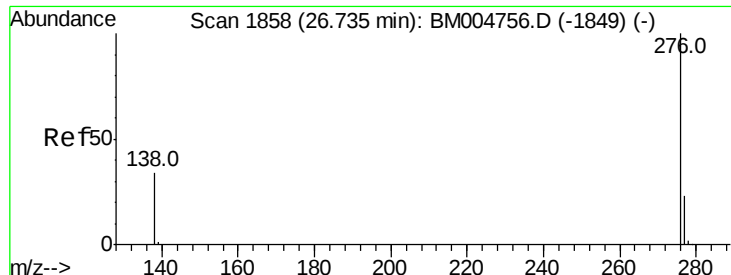
Sohil
 3/25/2016 2:59:54 PM



#27
 Dibenzo(a,h)anthracene
 Concen: 0.02 ng/ul
 RT: 26.03 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BM004765.D
 Acq: 25 Mar 2016 00:26

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	10062		
139	63.0	16.4	24.6#	
279	41.5	20.2	30.2#	





#28

Benzo(a,h,i)perylene

Concen: 0.07 ng/ul

RT: 26.74 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BM004765.D

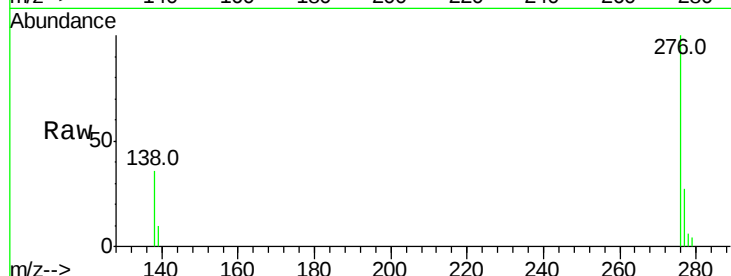
Acq: 25 Mar 2016 00:26

Instrument :

BNA_M

ClientSampleId :

A4T45MSD



Tot Ion: 276 Resp: 48525

Ion Ratio Lower Upper

276 100

277 26.5 18.9 28.3

138 35.8 22.5 33.7#

Manual Integrations
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