

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032816\
 Data File : BM004803.D
 Acq On : 28 Mar 2016 12:54
 Operator : UM/SJ
 Sample : H1909-13DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T47DL

Manual Integrations
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Quant Time: Apr 05 19:08:38 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 05 18:29:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1144	0.40	ng/ul	0.00
4) Naphthalene-d8	10.62	136	4937	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	2771	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	6069	0.40	ng/ul	0.00
18) Chrysene-d12	21.40	240	5938	0.40	ng/ul	0.00
22) Perylene-d12	23.68	264	4969	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	950	1.84	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.22	152	346	0.05	ng/ul	0.01
16) Fluoranthene-d10	19.24	212	818	0.06	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.67	128	2470	0.21	ng/ul#	91
7) 2-Methylnaphthalene	12.28	142	1859	0.22	ng/ul	100
9) Acenaphthylene	14.18	152	1324	0.10	ng/ul#	90
10) Acenaphthene	14.52	153	1205	0.13	ng/ul#	88
11) Fluorene	15.51	166	2515	0.23	ng/ul#	90
14) Phenanthrene	17.24	178	46705	2.74	ng/ul	96
15) Anthracene	17.33	178	820m	0.05	ng/ul	
17) Fluoranthene	19.27	202	27675	1.43	ng/ul	96
19) Pyrene	19.63	202	47670	2.34	ng/ul	95
20) Benzo(a)anthracene	21.38	228	6158m	0.34	ng/ul	
21) Chrysene	21.43	228	13727	0.78	ng/ul	97
23) Benzo(b)fluoranthene	22.99	252	12191m	0.73	ng/ul	
24) Benzo(k)fluoranthene	23.02	252	3360m	0.22	ng/ul	
25) Benzo(a)pyrene	23.58	252	8105	0.53	ng/ul#	96
26) Indeno(1,2,3-cd)pyrene	26.01	276	3411	0.24	ng/ul#	88
27) Dibenzo(a,h)anthracene	26.02	278	807	0.07	ng/ul#	51
28) Benzo(g,h,i)perylene	26.71	276	3264	0.28	ng/ul#	86

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

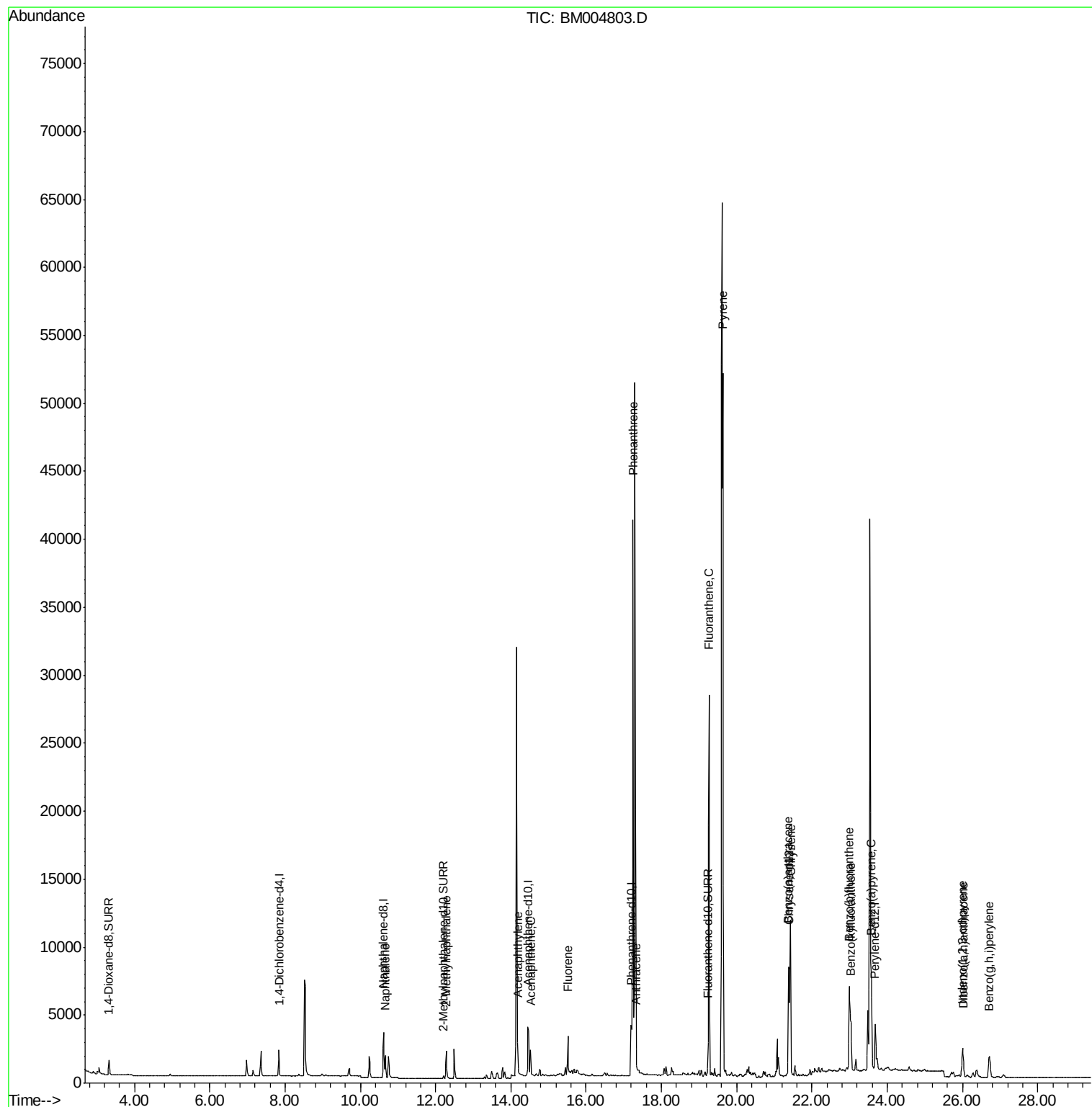
Data Path : Z:\HPCHEM1\BNA M\DATA\BM032816\
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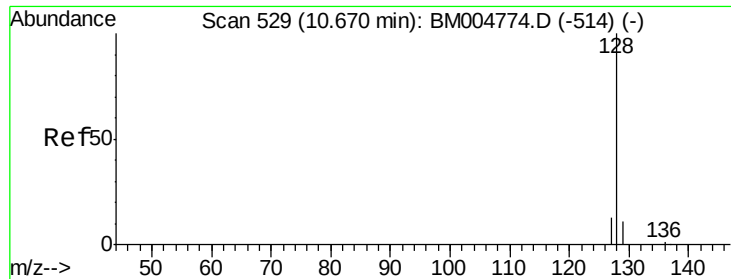
Instrument :
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A4T47DL

Manual Integrations
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Quant Time: Apr 05 19:08:38 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 05 18:29:16 2016
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.21 ng/ul

RT: 10.67 min Scan# 529

Delta R.T. -0.00 min

Lab File: BM004803.D

Acq: 28 Mar 2016 12:54

Instrument :

BNA_M

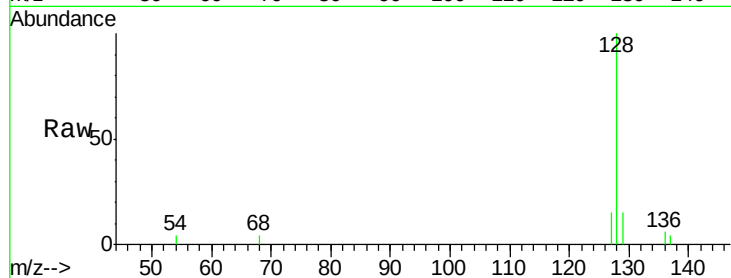
ClientSampleId :

A4T47DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	14.9	9.0	13.6#
127	15.3	9.6	14.4#

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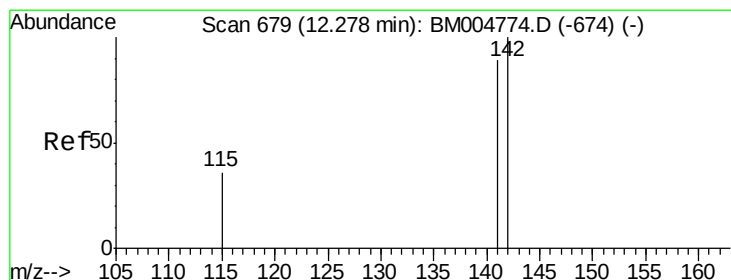
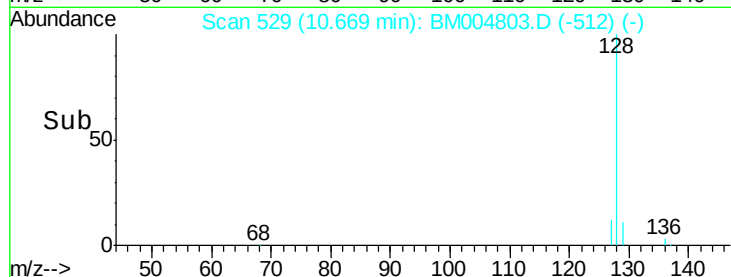
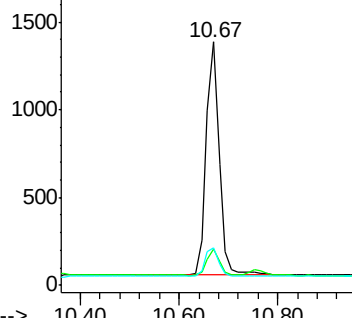
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#7

2-Methylnaphthalene

Concen: 0.22 ng/ul

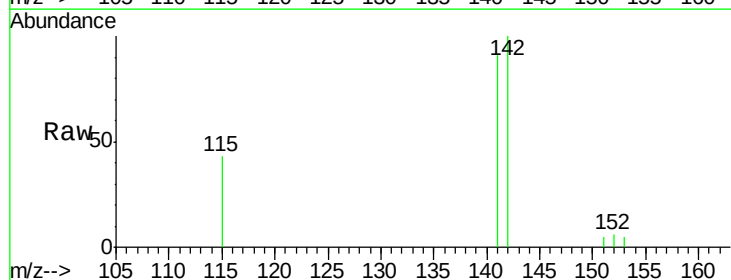
RT: 12.28 min Scan# 679

Delta R.T. -0.00 min

Lab File: BM004803.D

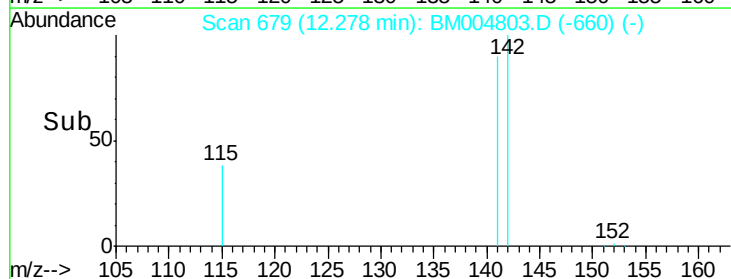
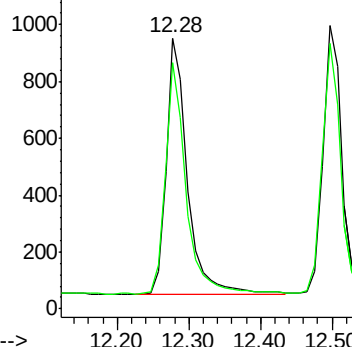
Acq: 28 Mar 2016 12:54

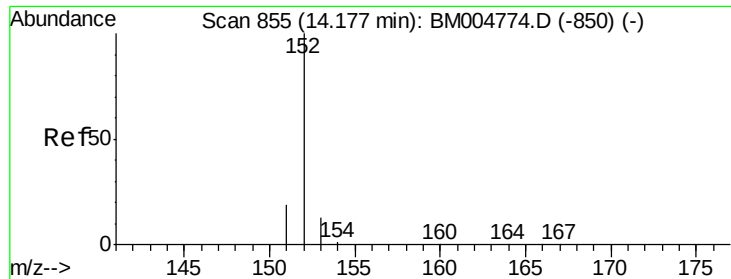
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.3	105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.10 ng/ul

RT: 14.18 min Scan# 855

Delta R.T. -0.00 min

Lab File: BM004803.D

Acq: 28 Mar 2016 12:54

Instrument :

BNA_M

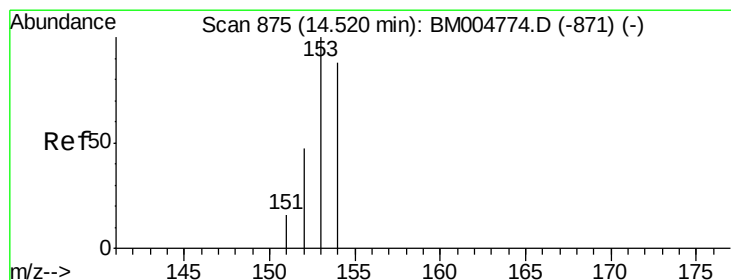
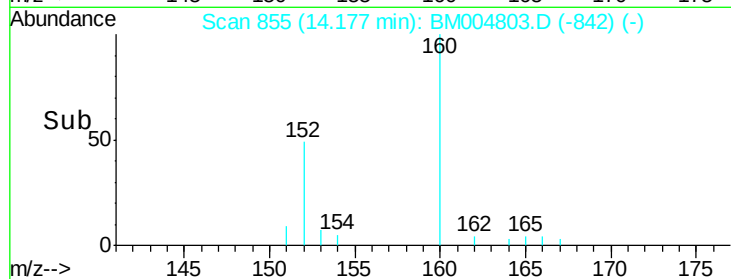
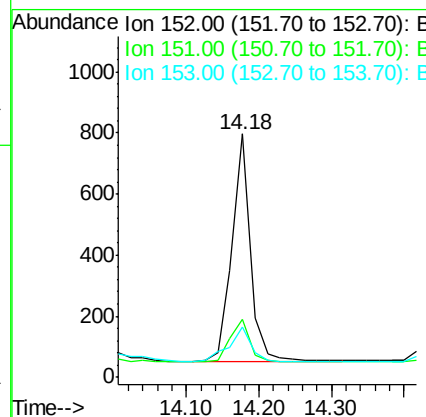
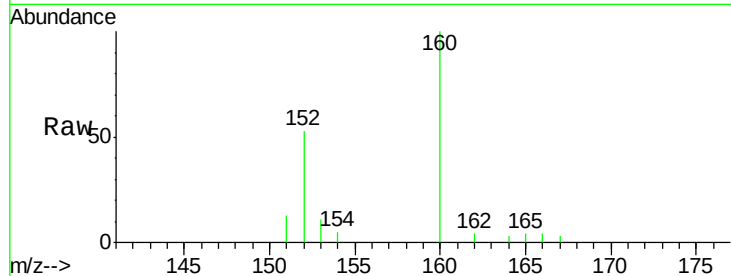
ClientSampled :

A4T47DL

Tot Ion:	152	Resp:	1324
Ion Ratio	Lower	Upper	
152	100		
151	23.8	17.6	26.4
153	20.7	9.7	14.5#

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#10

Acenaphthene

Concen: 0.13 ng/ul

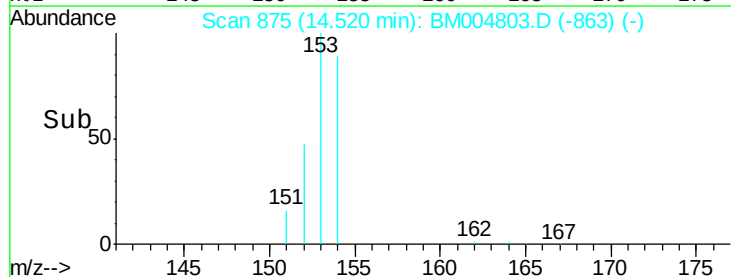
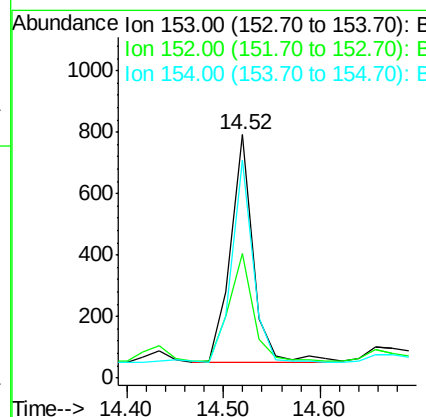
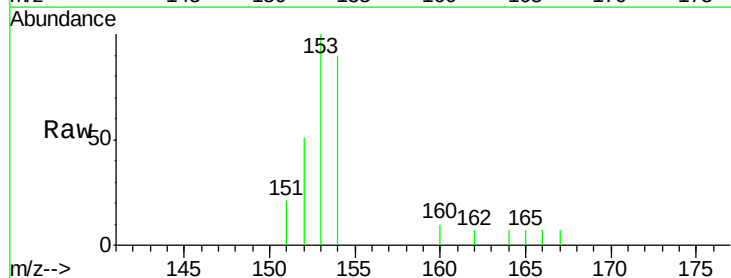
RT: 14.52 min Scan# 875

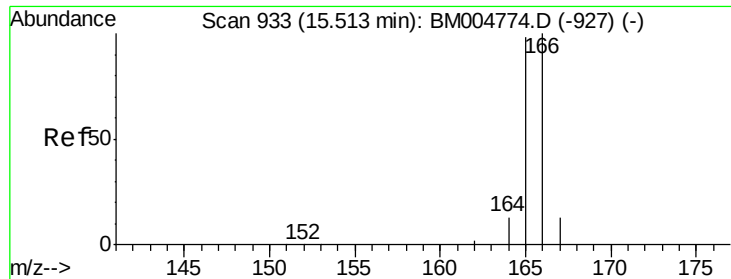
Delta R.T. -0.00 min

Lab File: BM004803.D

Acq: 28 Mar 2016 12:54

Tgt Ion:	153	Resp:	1205
Ion Ratio	Lower	Upper	
153	100		
152	51.0	33.9	50.9#
154	89.6	80.6	121.0





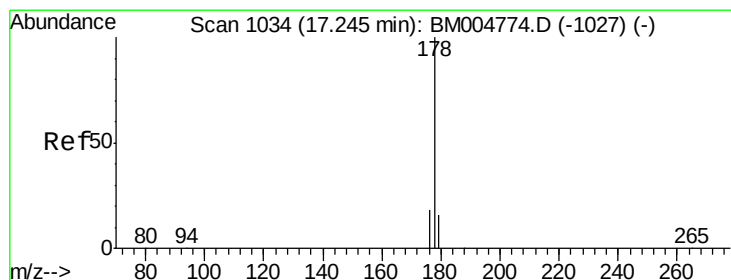
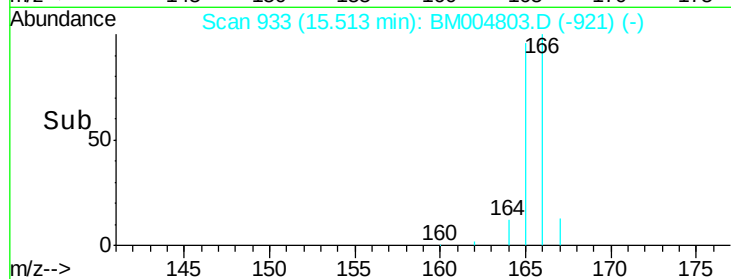
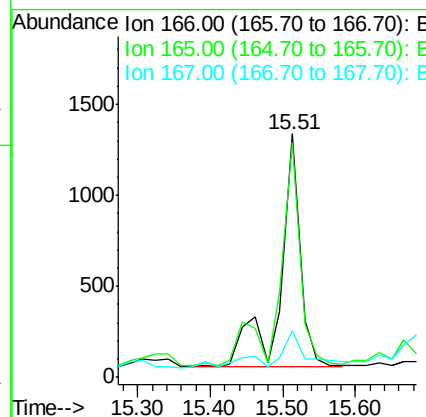
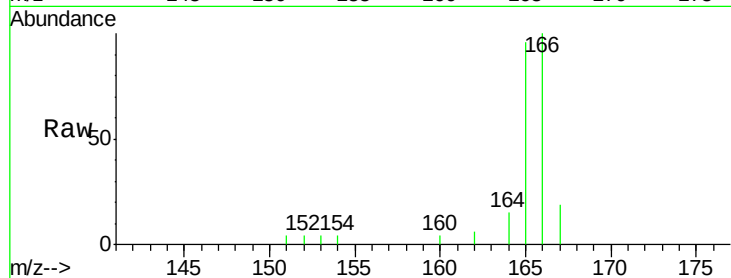
#11
Fluorene
Concen: 0.23 ng/ul
RT: 15.51 min Scan# 933
Delta R.T. -0.00 min
Lab File: BM004803.D
Acq: 28 Mar 2016 12:54

Instrument :
BNA_M
ClientSampleId :
A4T47DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.4	69.6	104.4
167	19.2	11.9	17.9

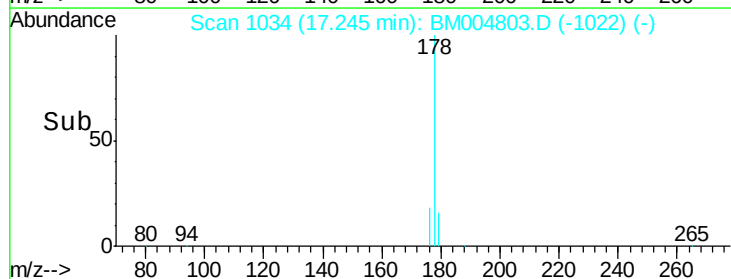
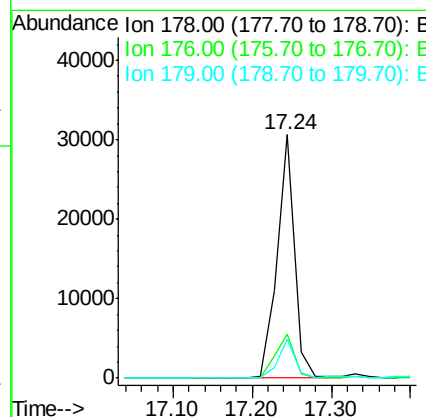
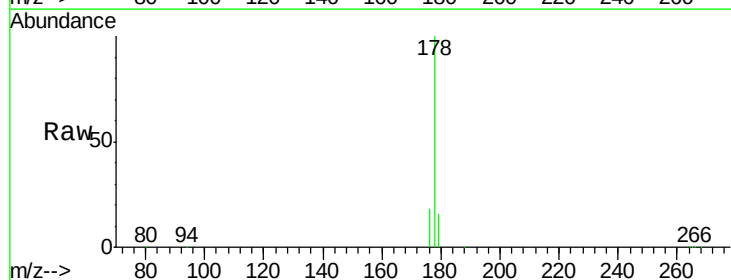
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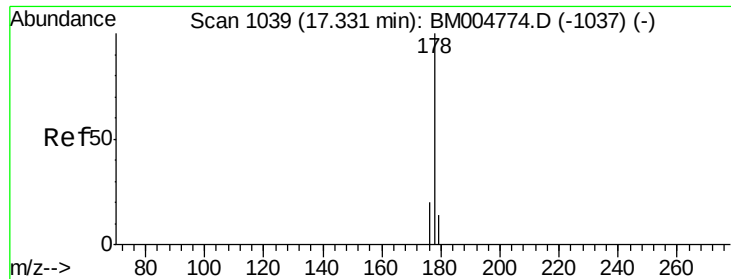
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#14
Phenanthrene
Concen: 2.74 ng/ul
RT: 17.24 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BM004803.D
Acq: 28 Mar 2016 12:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.8	13.0	19.4
179	16.0	14.2	21.2





#15

Anthracene

Concen: 0.05 ng/ul m

RT: 17.33 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BM004803.D

Acq: 28 Mar 2016 12:54

Instrument :

BNA_M

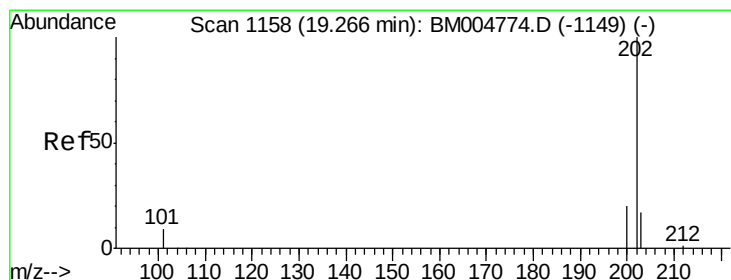
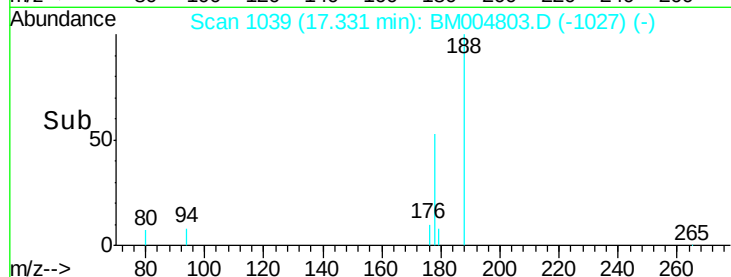
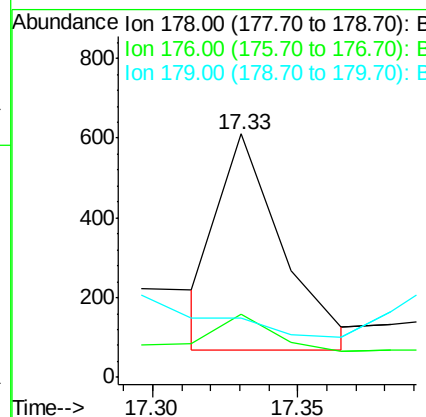
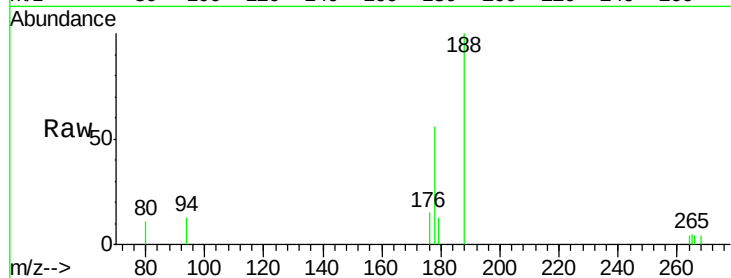
ClientSampleId :

A4T47DL

Tot Ion:	178	Resp:	820
Ion Ratio	Lower	Upper	
178	100		
176	26.2	14.0	21.0#
179	24.2	12.9	19.3#

Manual Integrations
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#17

Fluoranthene

Concen: 1.43 ng/ul

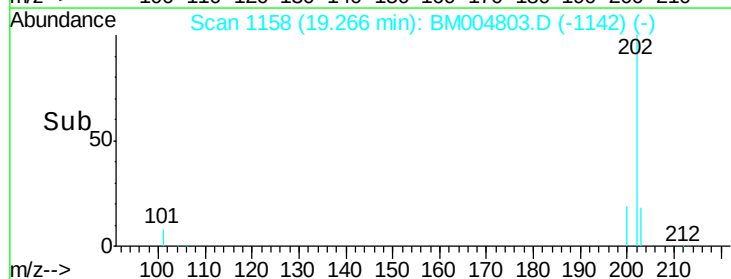
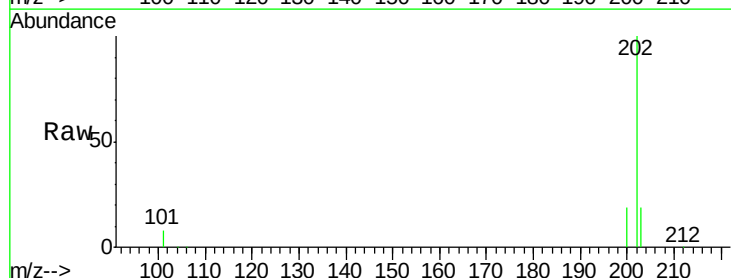
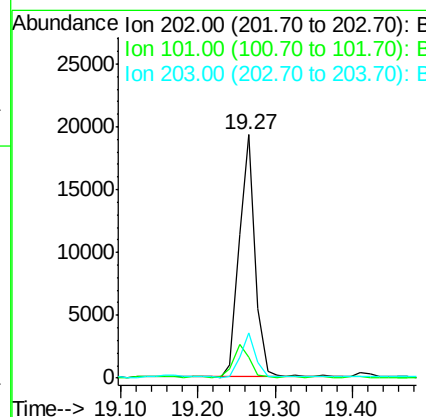
RT: 19.27 min Scan# 1158

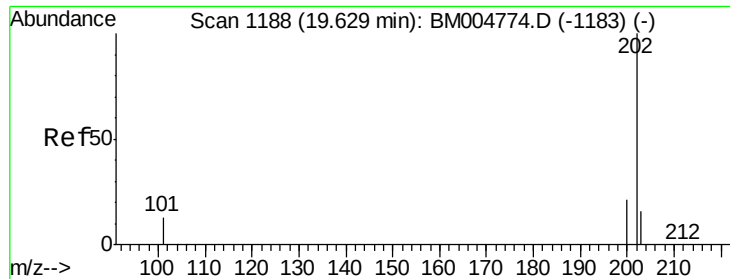
Delta R.T. -0.00 min

Lab File: BM004803.D

Acq: 28 Mar 2016 12:54

Tgt Ion:	202	Resp:	27675
Ion Ratio	Lower	Upper	
202	100		
101	8.5	0.0	29.6
203	18.5	0.0	36.3





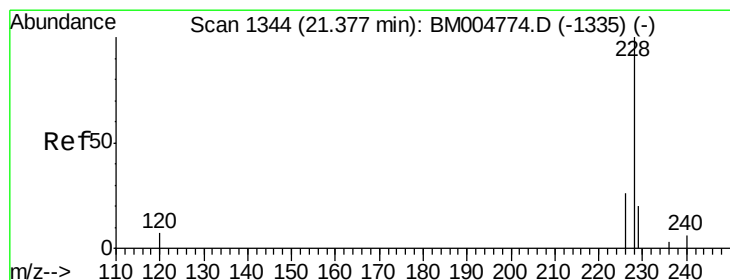
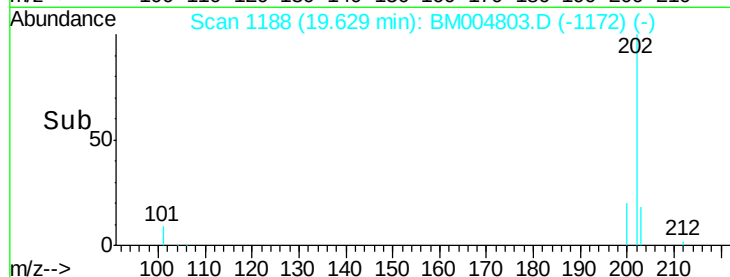
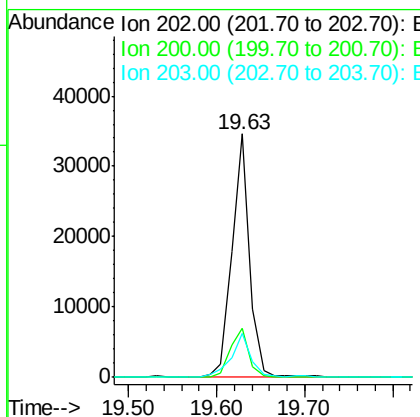
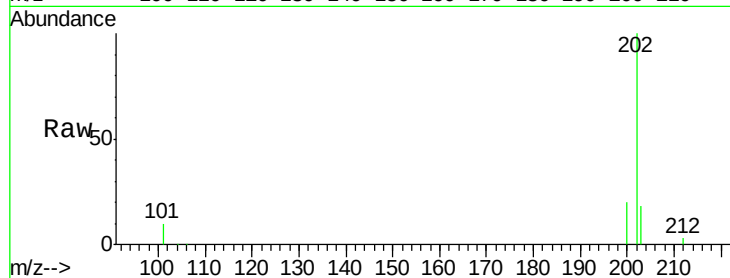
#19
Pvrene
Concen: 2.34 ng/ul
RT: 19.63 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BM004803.D
Acq: 28 Mar 2016 12:54

Instrument :
BNA_M
ClientSampleId :
A4T47DL

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.8	26.8
203	17.9	12.8	19.2

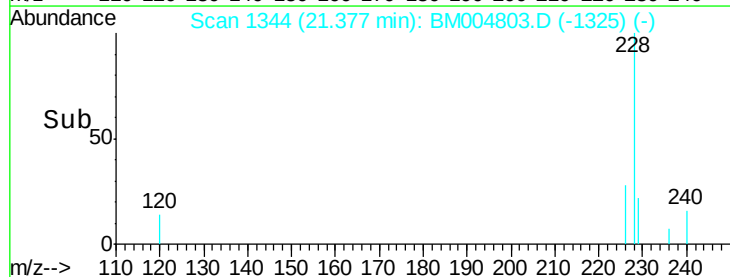
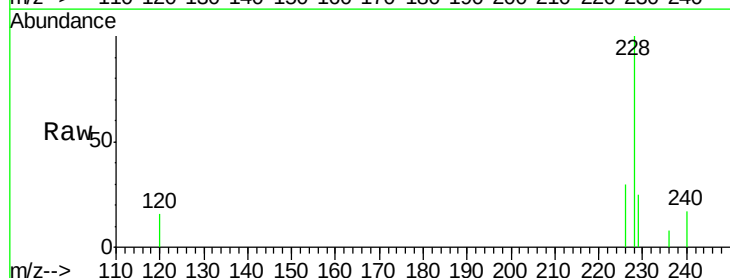
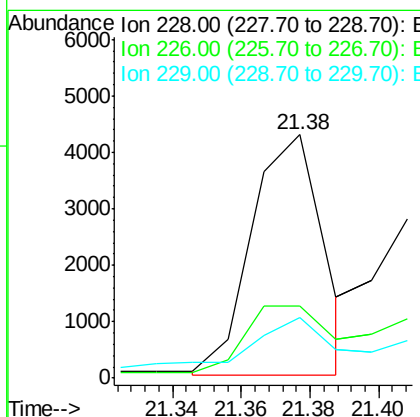
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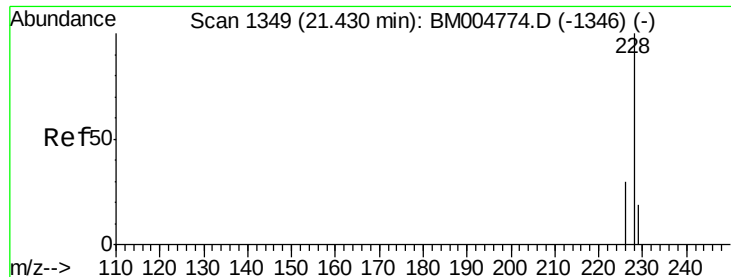
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#20
Benzo(a)anthracene
Concen: 0.34 ng/ul m
RT: 21.38 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BM004803.D
Acq: 28 Mar 2016 12:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	18.8	28.2#
229	24.9	17.1	25.7





#21

Chrysene

Concen: 0.78 ng/ul

RT: 21.43 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BM004803.D

Acq: 28 Mar 2016 12:54

Instrument :

BNA_M

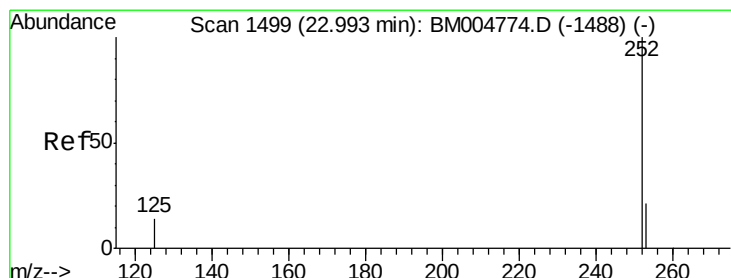
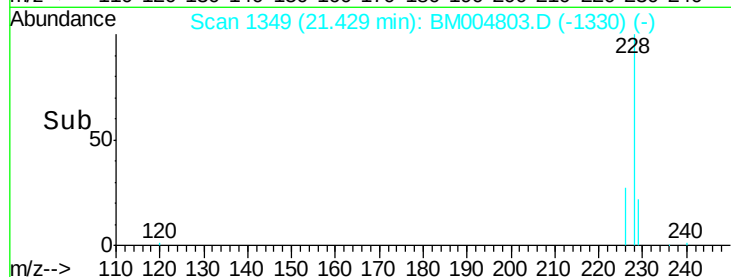
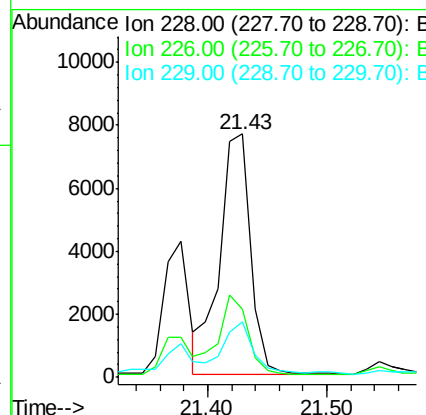
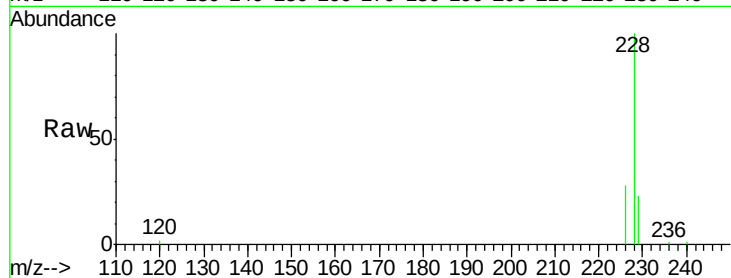
ClientSampled :

A4T47DL

Tot Ion:	228	Resp:	13727
Ion Ratio	Lower	Upper	
228	100		
226	28.0	21.2	31.8
229	22.8	17.0	25.6

Manual Integrations
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#23

Benzo(b)fluoranthene

Concen: 0.73 ng/ul m

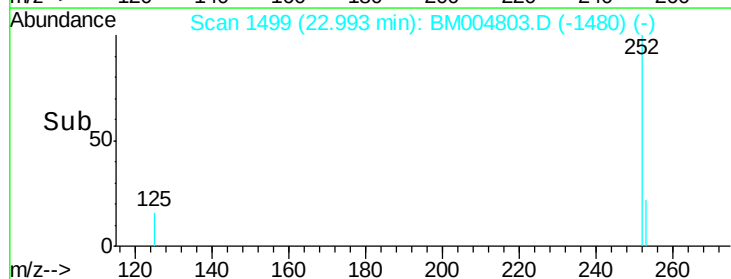
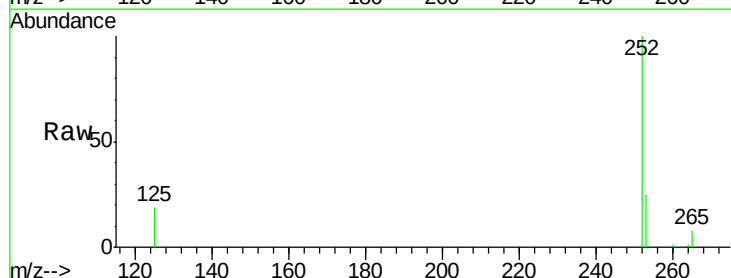
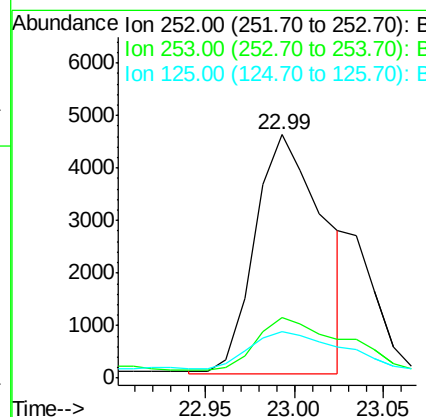
RT: 22.99 min Scan# 1499

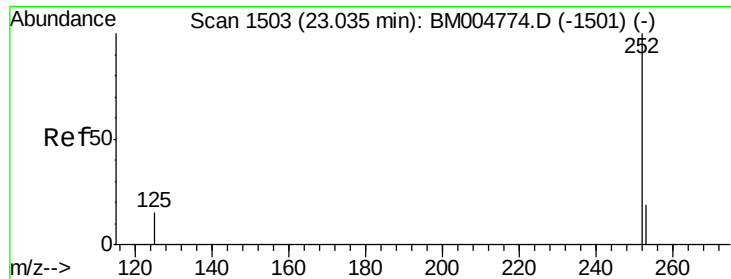
Delta R.T. -0.00 min

Lab File: BM004803.D

Acq: 28 Mar 2016 12:54

Tgt Ion:	252	Resp:	12191
Ion Ratio	Lower	Upper	
252	100		
253	24.8	0.0	45.4
125	19.0	0.0	28.8





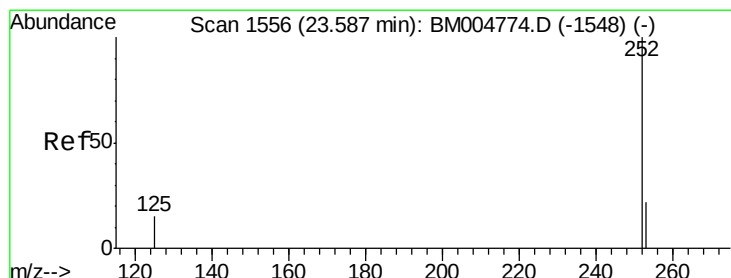
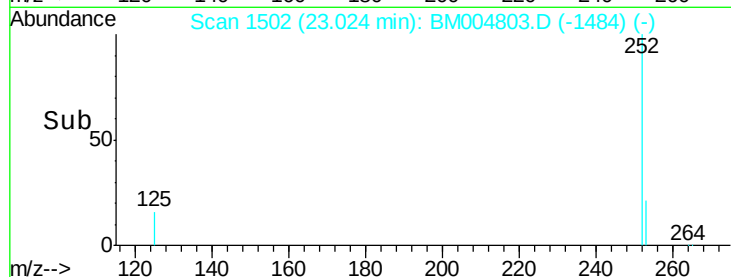
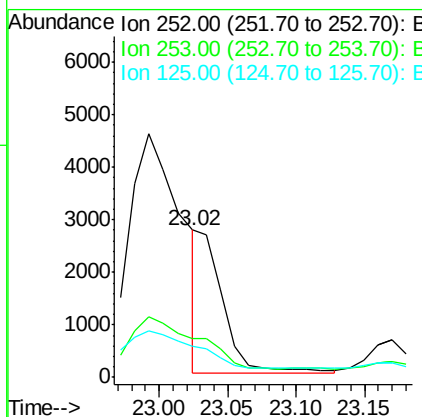
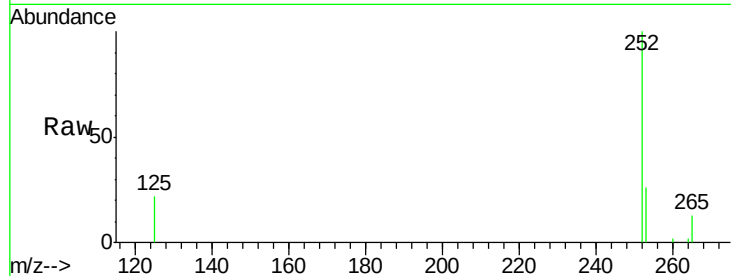
#24
Benzo(k)fluoranthene
Concen: 0.22 ng/ul m
RT: 23.02 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BM004803.D
Acq: 28 Mar 2016 12:54

Instrument :
BNA_M
ClientSampleId :
A4T47DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.1	19.8	29.8
125	21.6	10.4	15.6

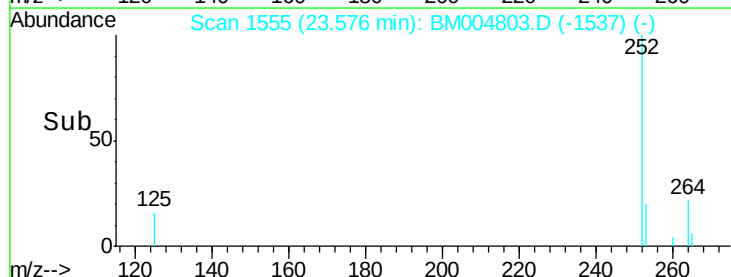
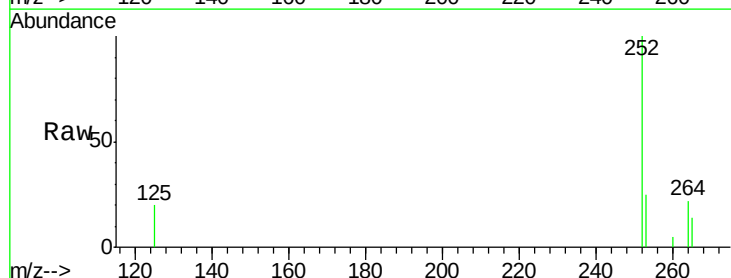
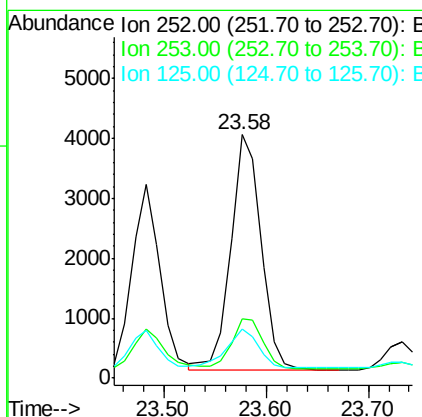
Manual Integrations
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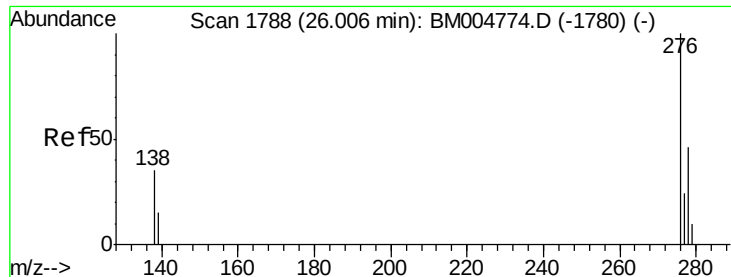
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#25
Benzo(a)pyrene
Concen: 0.53 ng/ul
RT: 23.58 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BM004803.D
Acq: 28 Mar 2016 12:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.4	29.2
125	20.1	12.7	19.1





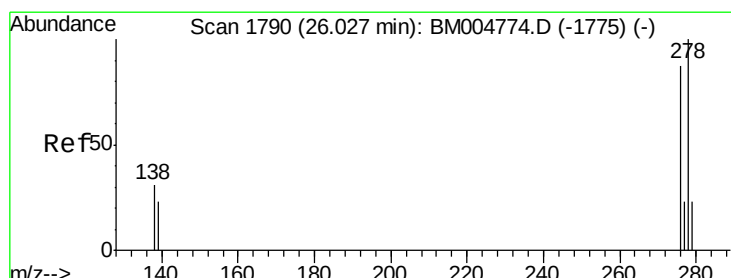
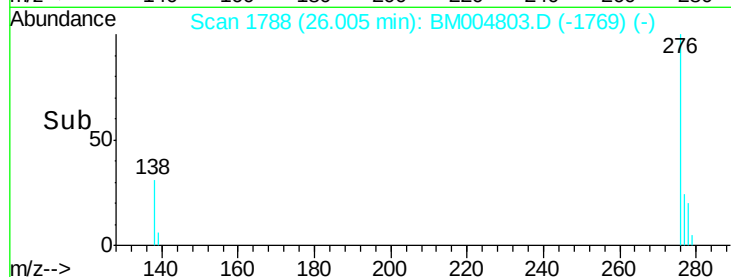
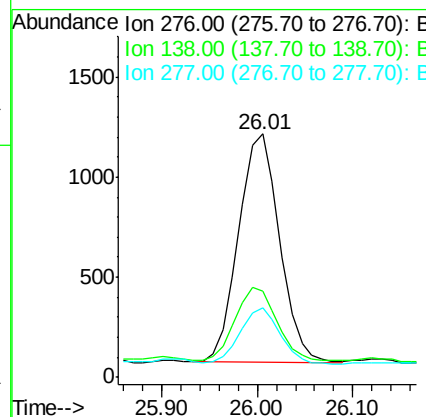
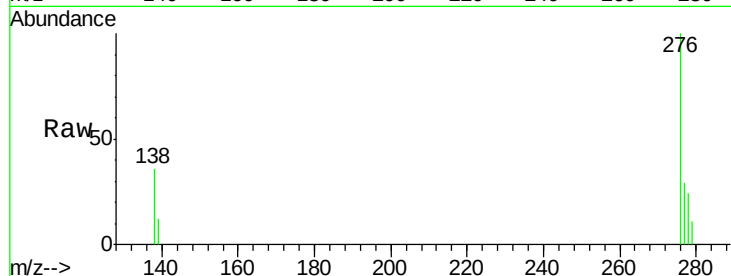
#26
Indeno(1,2,3-cd)pyrene
Concen: 0.24 ng/ul
RT: 26.01 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BM004803.D
Acq: 28 Mar 2016 12:54

Instrument :
BNA_M
ClientSampleId :
A4T47DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.4	16.3	24.5#
277	24.2	19.8	29.8

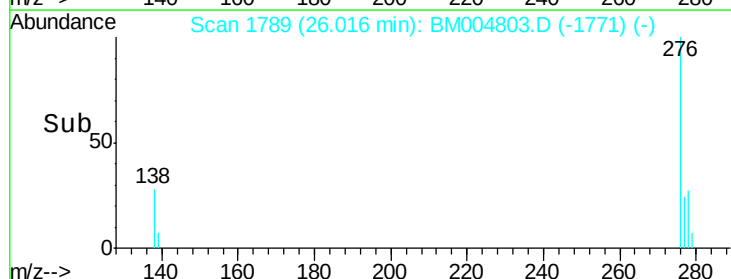
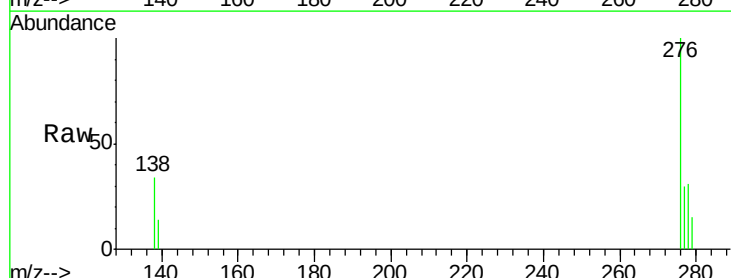
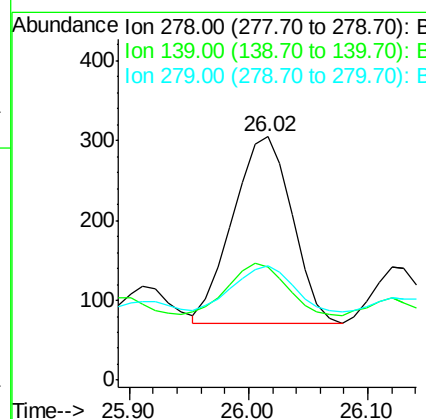
Manual Integrations
APPROVED

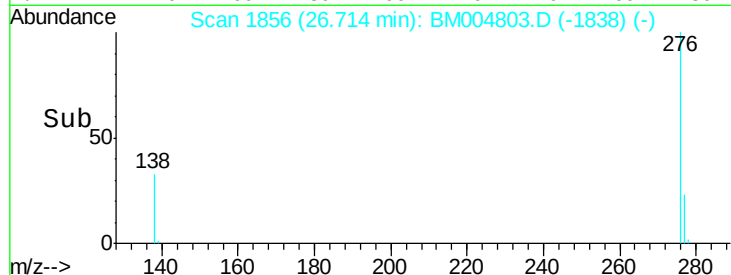
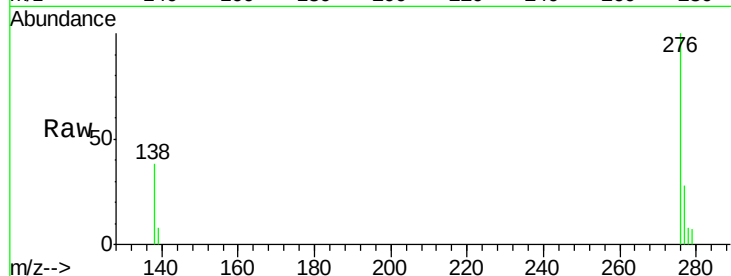
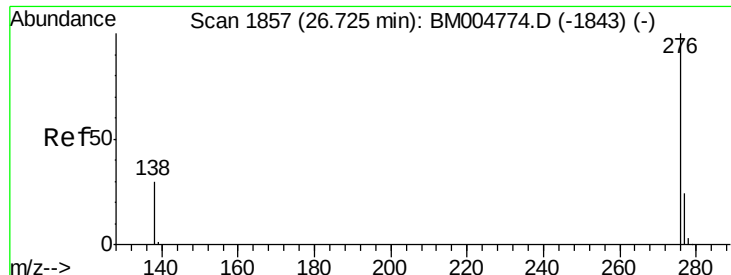
Sohil
4/6/2016 5:04:56 PM



#27
Dibenzo(a,h)anthracene
Concen: 0.07 ng/ul
RT: 26.02 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BM004803.D
Acq: 28 Mar 2016 12:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	46.2	16.4	24.6#
279	46.9	20.2	30.2#





#28
 Benzo(a,h,i)perylene
 Concen: 0.28 ng/ul
 RT: 26.71 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BM004803.D
 Acq: 28 Mar 2016 12:54

Instrument :
 BNA_M
 ClientSampleId :
 A4T47DL

Tot Ion	Ratio	Lower	Upper
276	100		
277	28.0	18.9	28.3
138	38.0	22.5	33.7

Manual Integrations
 APPROVED

Sohil
 4/6/2016 5:04:56 PM

