Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041816\
Data File : BM004976.D
Acq On : 18 Apr 2016 16:56
Operator : UM/SJ
Sample : H2298-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9T73

Manual Integrations APPROVED
Sohil
4/19/2016 6:29:03 PM

Quant Time: Apr 19 09:58:13 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM041816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 19 08:25:48 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1242	0.40	ng/ul	0.00
4) Naphthalene-d8	10.61	136	4892	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.45	164	2476	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.19	188	4839	0.40	ng/ul	0.00
18) Chrysene-d12	21.39	240	4479	0.40	ng/ul	0.00
22) Perylene-d12	23.68	264	3638	0.40	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
6) 2-Methylnaphthalene-d10	12.21	152	2131	0.37	ng/ul	0.01
16) Fluoranthene-d10	19.23	212	4334	0.44	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.66	128	5323	0.46	ng/ul#	94
7) 2-Methylnaphthalene	12.27	142	7134	0.93	ng/ul	99
9) Acenaphthylene	14.16	152	5698	0.57	ng/ul	98
10) Acenaphthene	14.50	153	11889	1.43	ng/ul	85
13) Pentachlorophenol	16.85	266	776	1.36	ng/ul	97
14) Phenanthrene	17.23	178	7888m	0.59	ng/ul	
17) Fluoranthene	19.25	202	15850	1.16	ng/ul	95
19) Pyrene	19.62	202	12894	0.71	ng/ul	99
20) Benzo(a)anthracene	21.37	228	6509	0.55	ng/ul#	90
23) Benzo(b)fluoranthene	22.98	252	10577	0.81	ng/ul	96
24) Benzo(k)fluoranthene	23.02	252	12317	0.98	ng/ul#	94
25) Benzo(a)pyrene	23.58	252	5639	0.50	ng/ul#	92
26) Indeno(1,2,3-cd)pyrene	25.98	276	9208	0.80	ng/ul#	77
27) Dibenzo(a,h)anthracene	26.01	278	8814	1.00	ng/ul#	92
28) Benzo(g,h,i)perylene	26.69	276	10453	0.99	ng/ul#	90

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

Quantitation Report (QT Reviewed)

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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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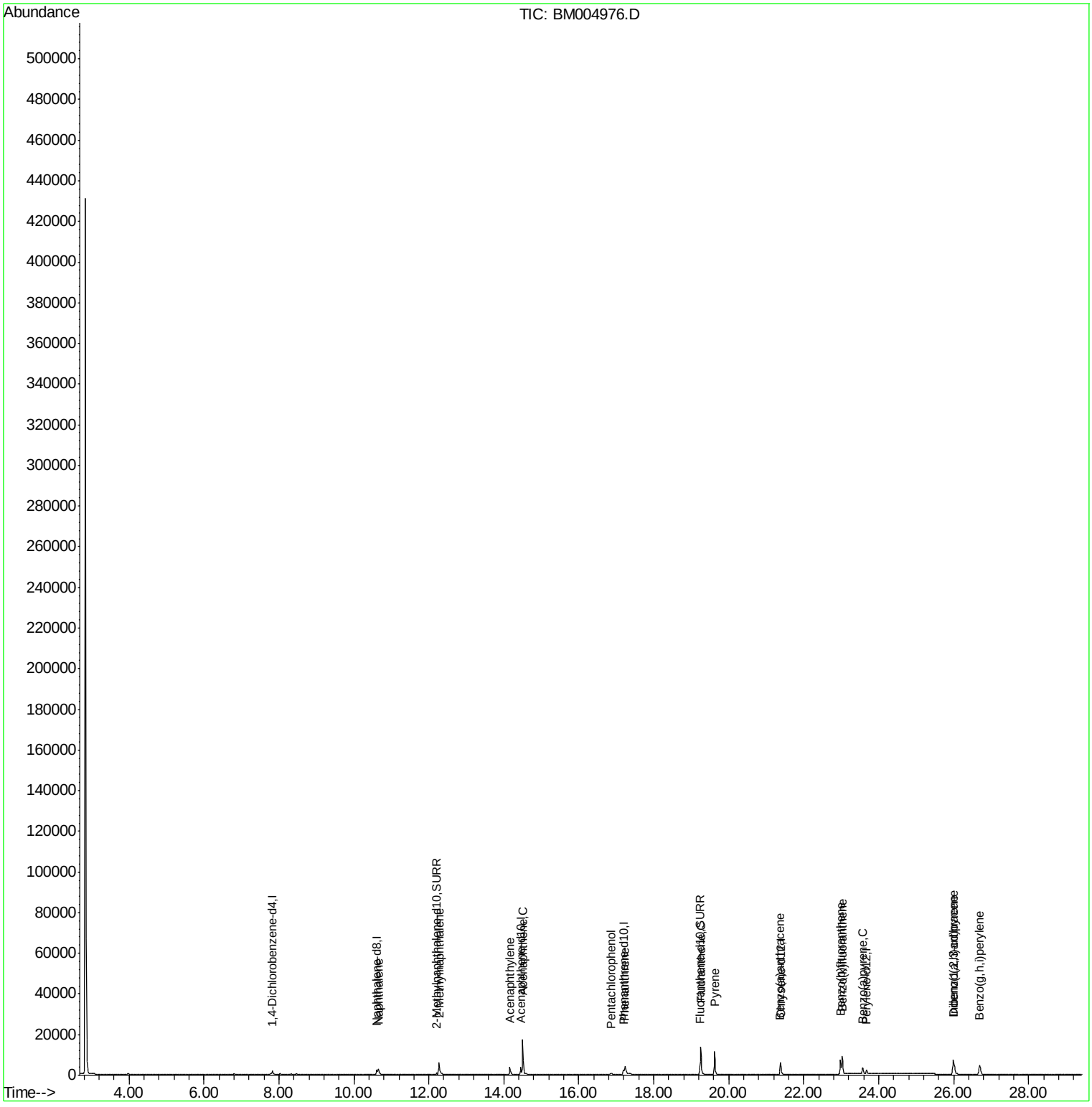
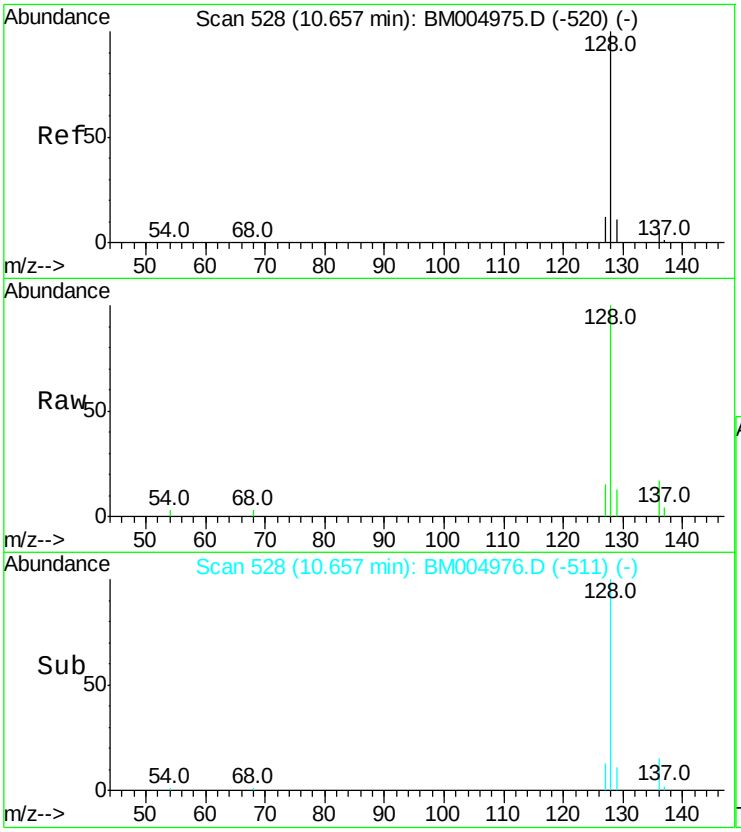
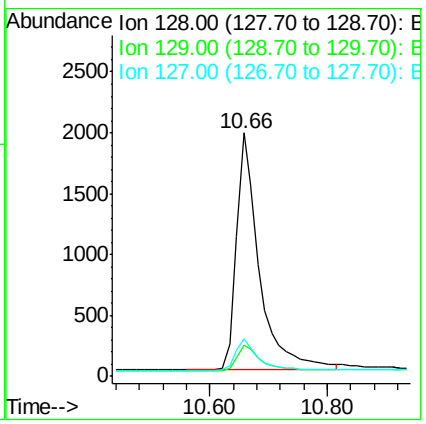




#5
Naphthalene
Concen: 0.46 ng/ul
RT: 10.66 min Scan# 528
Delta R.T. 0.00 min
Lab File: BM004976.D
Acq: 18 Apr 2016 16:56

Tgt Ion:128 Resp: 5323

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.0	13.6
127	15.2	9.6	14.4#



Instrument :
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ClientSampleId :
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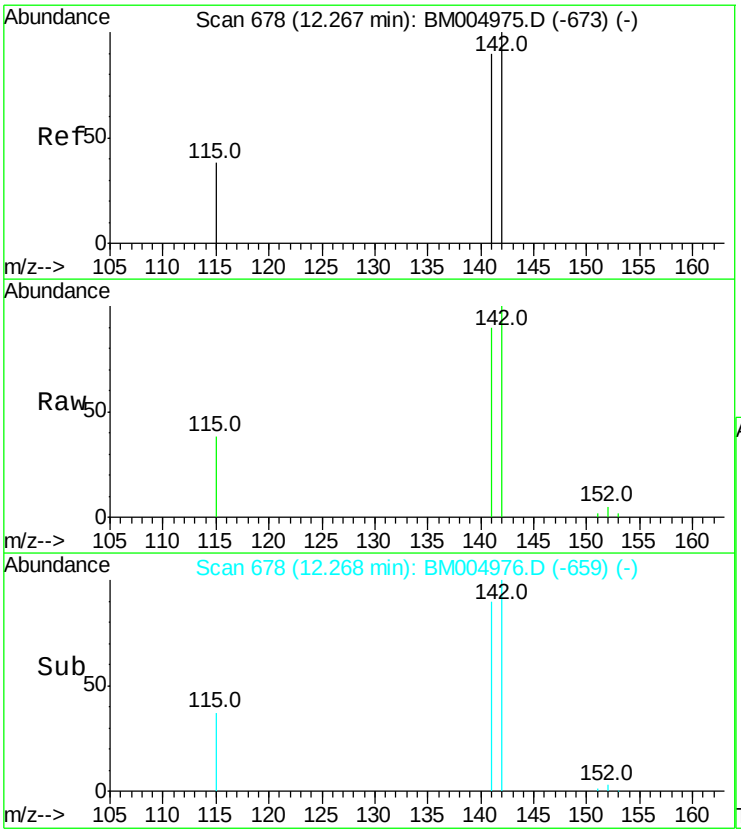
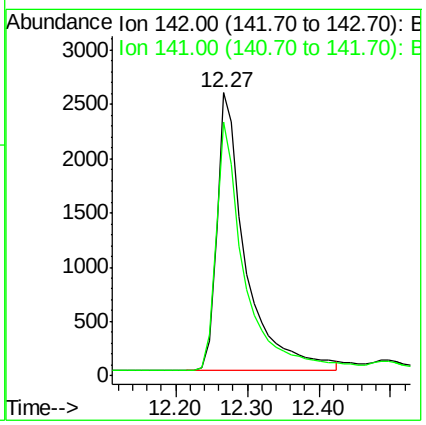
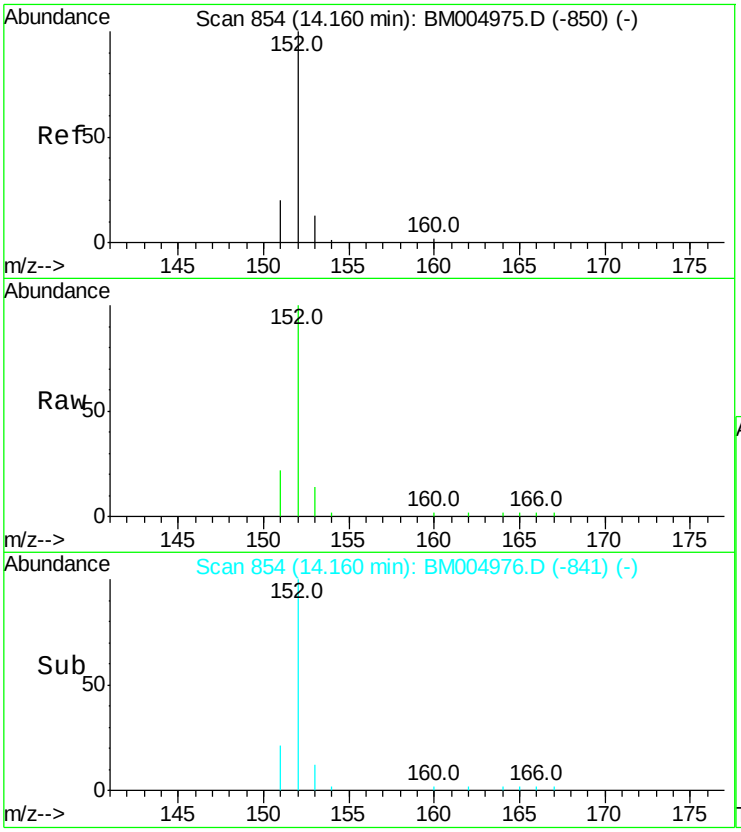


#7
2-Methylnaphthalene
Concen: 0.93 ng/ul
RT: 12.27 min Scan# 678
Delta R.T. 0.00 min
Lab File: BM004976.D
Acq: 18 Apr 2016 16:56

Tgt Ion:142 Resp: 7134

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.3	105.5

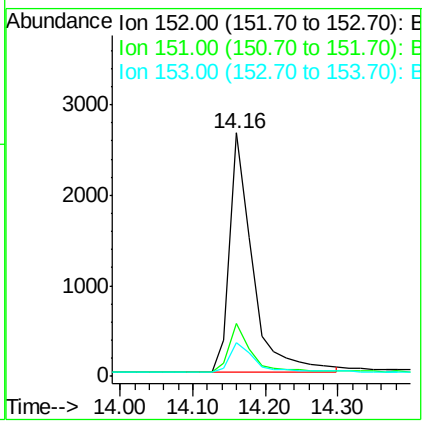




#9
Acenaphthylene
Concen: 0.57 ng/ul
RT: 14.16 min Scan# 854
Delta R.T. 0.00 min
Lab File: BM004976.D
Acq: 18 Apr 2016 16:56

Tgt Ion:152 Resp: 5698

Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.6	26.4
153	13.9	9.7	14.5



Instrument :
BNA_M
ClientSampleId :
D9T73

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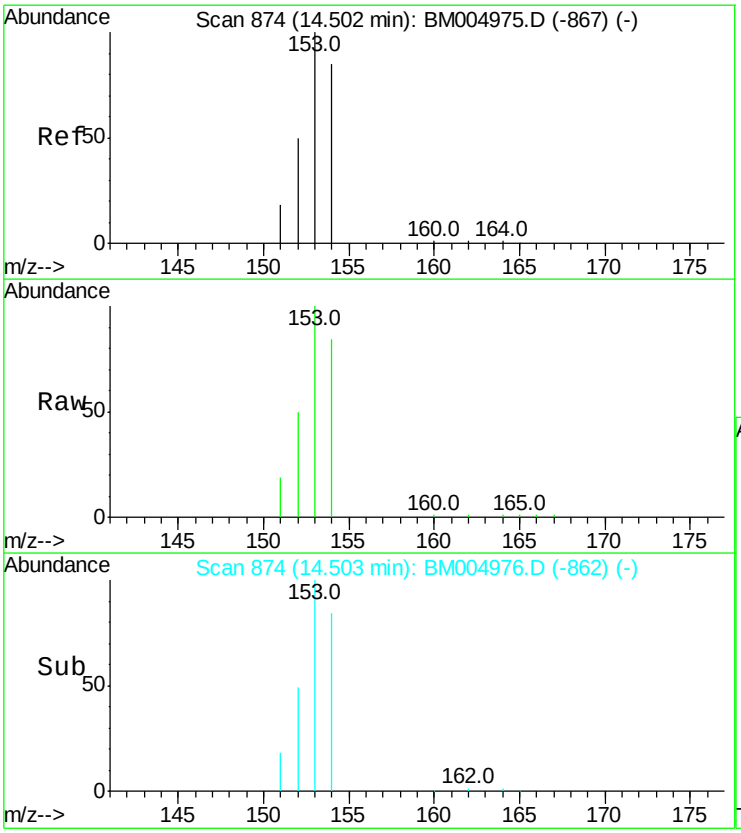
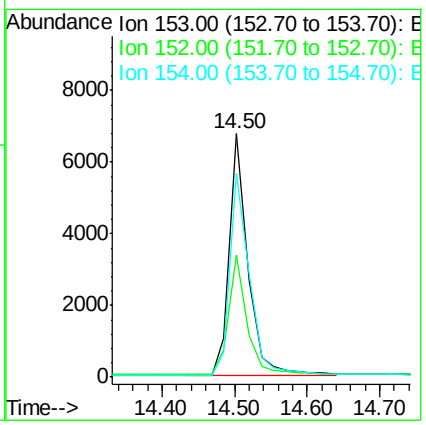
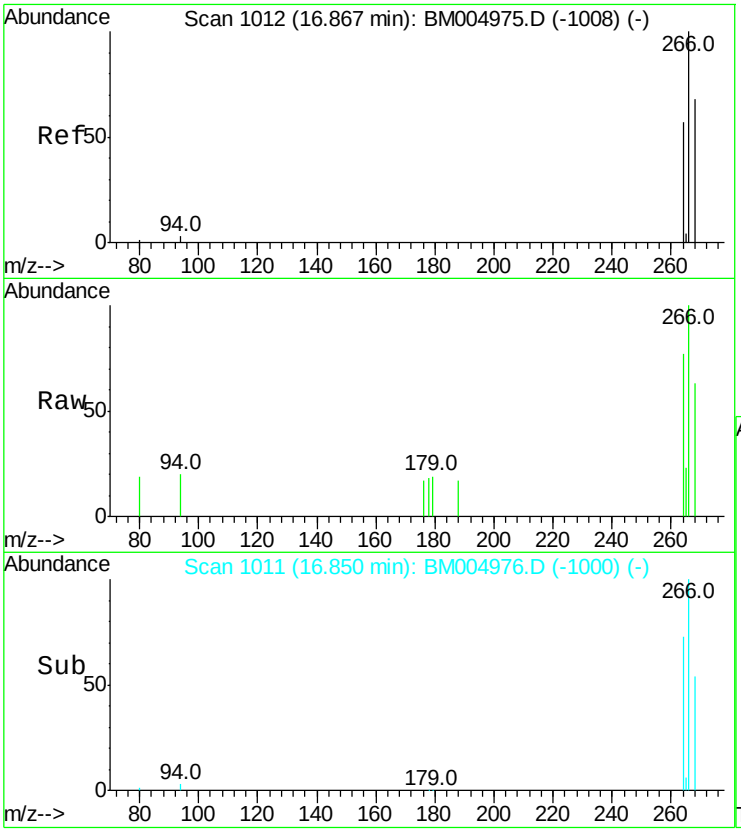


#10
Acenaphthene
Concen: 1.43 ng/ul
RT: 14.50 min Scan# 874
Delta R.T. 0.00 min
Lab File: BM004976.D
Acq: 18 Apr 2016 16:56

Tgt Ion:153 Resp: 11889

Ion	Ratio	Lower	Upper
153	100		
152	50.3	33.9	50.9
154	84.0	80.6	121.0





#13
Pentachlorophenol
Concen: 1.36 ng/ul
RT: 16.85 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BM004976.D
Acq: 18 Apr 2016 16:56

Tgt Ion:266 Resp: 776

Ion	Ratio	Lower	Upper
266	100		
264	64.4	51.8	77.8
268	62.9	46.8	70.2

Instrument :
BNA_M
ClientSampleId :
D9T73

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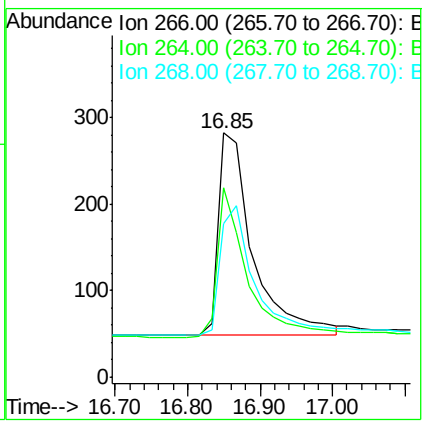
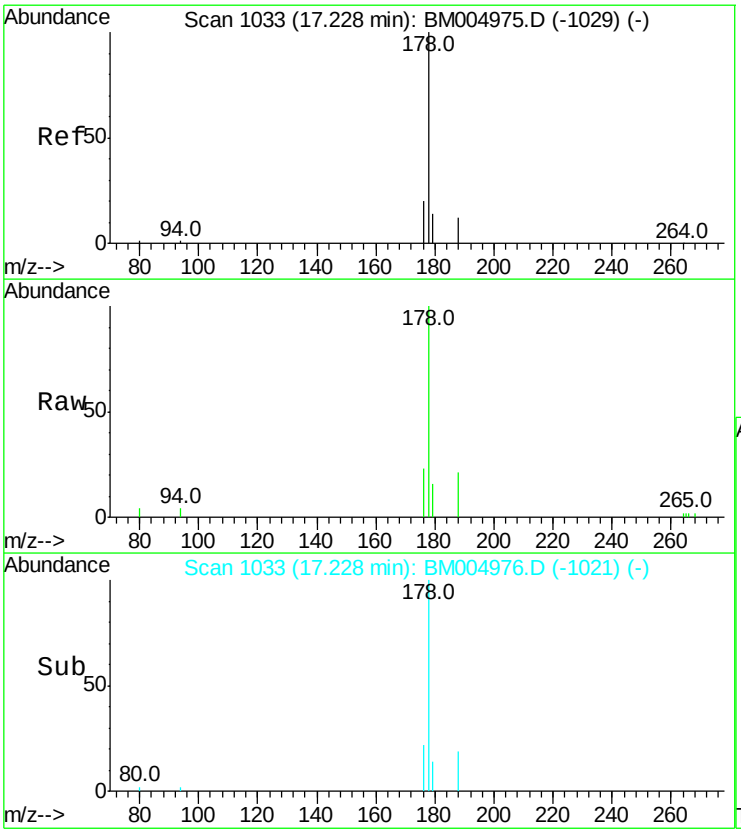
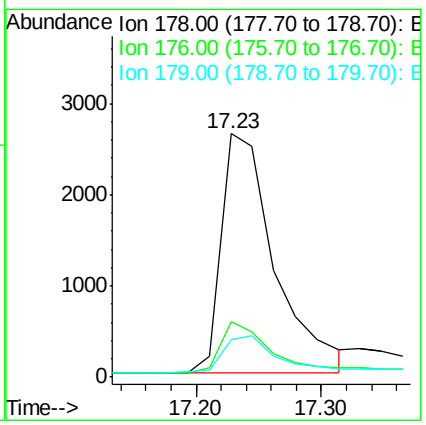


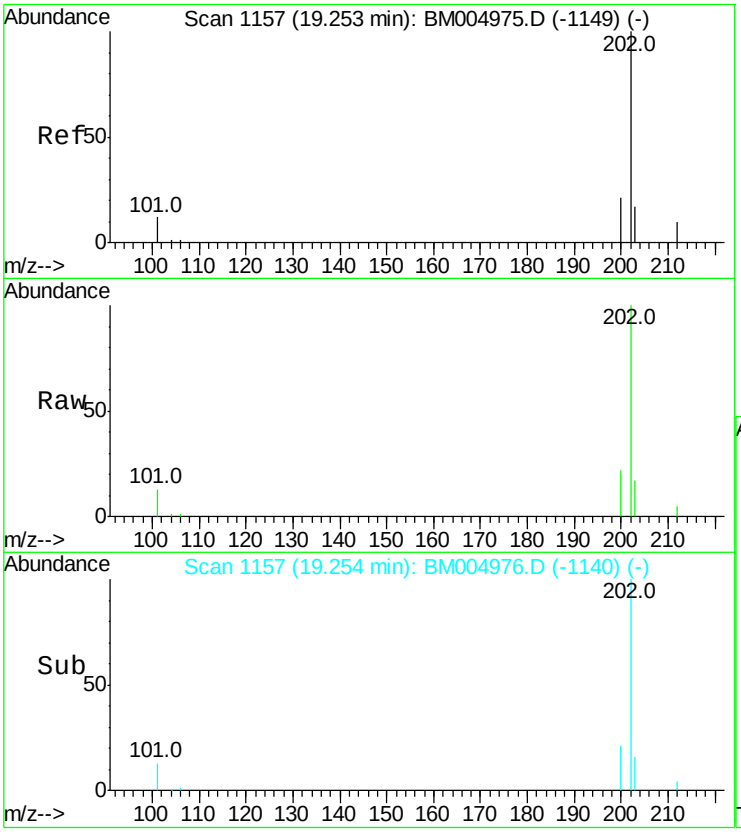


#14
Phenanthrene
Concen: 0.59 ng/ul m
RT: 17.23 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BM004976.D
Acq: 18 Apr 2016 16:56

Tgt Ion:178 Resp: 7888

Ion	Ratio	Lower	Upper
178	100		
176	23.0	13.0	19.4#
179	15.6	14.2	21.2

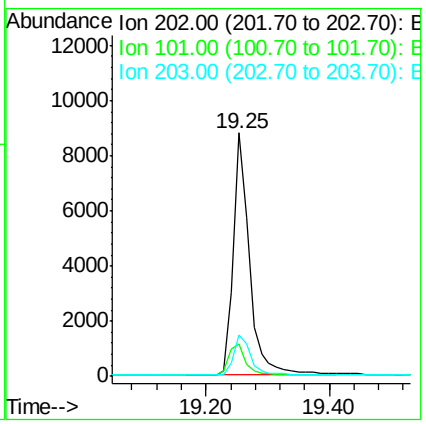




#17
Fluoranthene
Concen: 1.16 ng/ul
RT: 19.25 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BM004976.D
Acq: 18 Apr 2016 16:56

Tgt Ion:202 Resp: 15850

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	29.6
203	16.9	0.0	36.3



Instrument :
BNA_M
ClientSampleId :
D9T73

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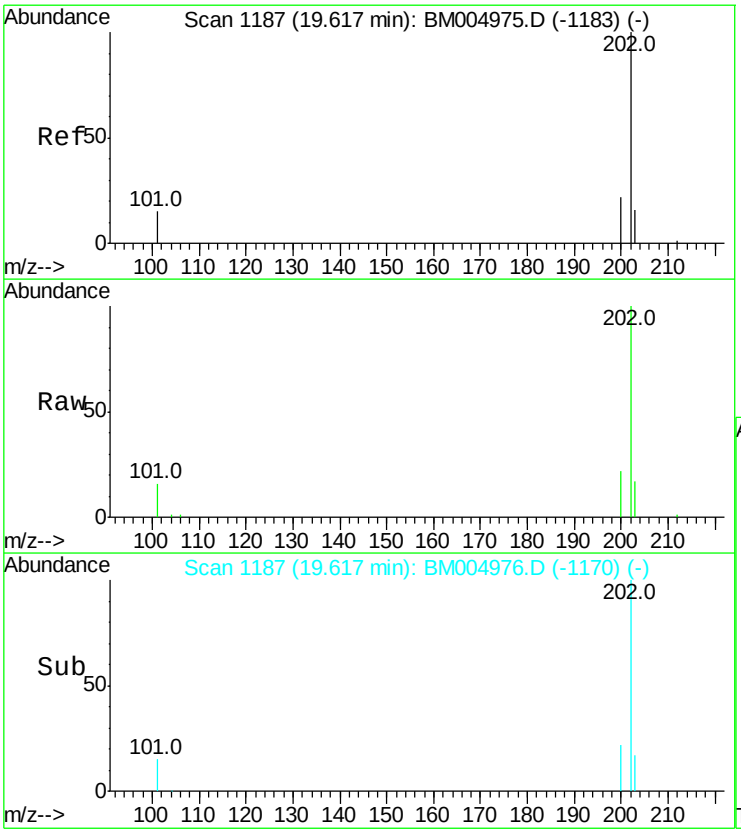
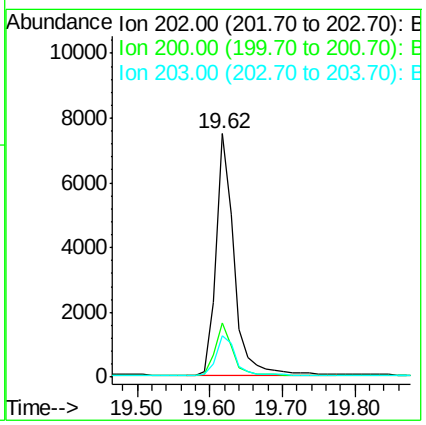
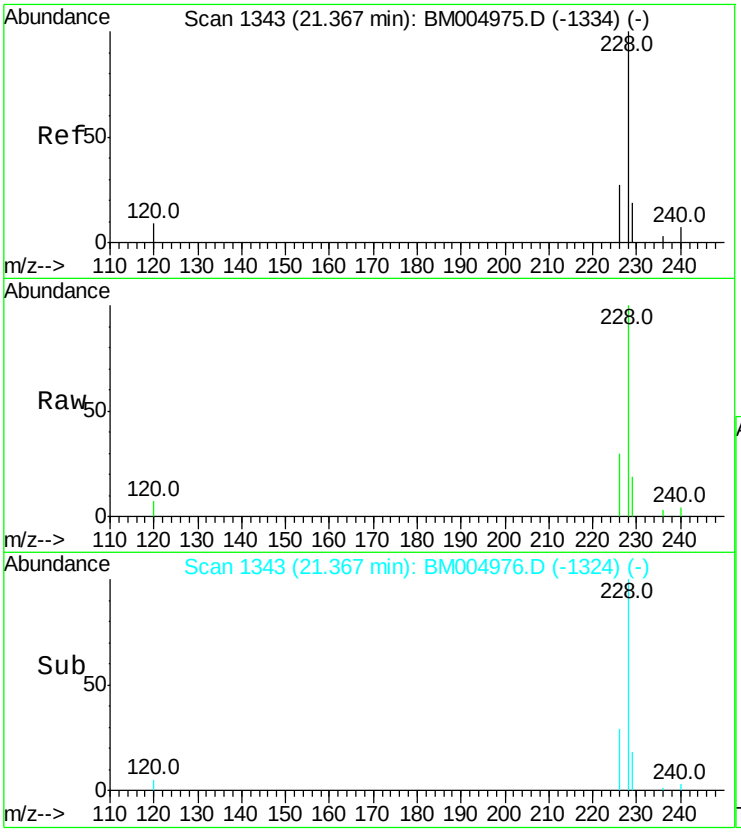


#19
Pyrene
Concen: 0.71 ng/ul
RT: 19.62 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BM004976.D
Acq: 18 Apr 2016 16:56

Tgt Ion:202 Resp: 12894

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.8	26.8
203	17.2	12.8	19.2





#20
Benzo(a)anthracene
Concen: 0.55 ng/ul
RT: 21.37 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BM004976.D
Acq: 18 Apr 2016 16:56

Tgt Ion:228 Resp: 6509

Ion	Ratio	Lower	Upper
228	100		
226	30.3	18.8	28.2#
229	19.1	17.1	25.7

Instrument :
BNA_M
ClientSampleId :
D9T73

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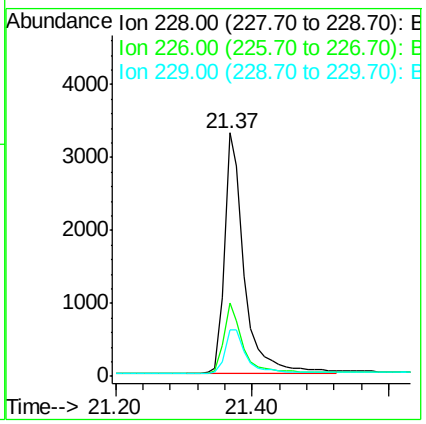
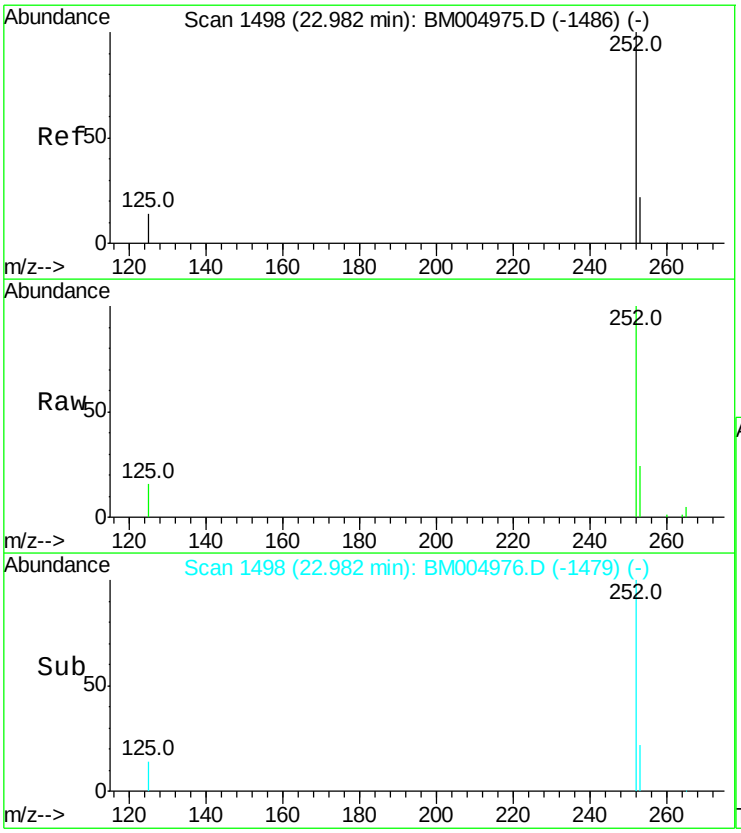
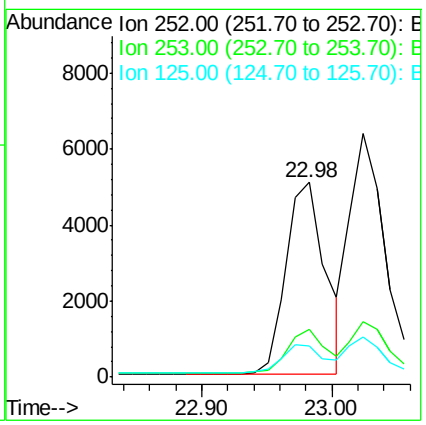


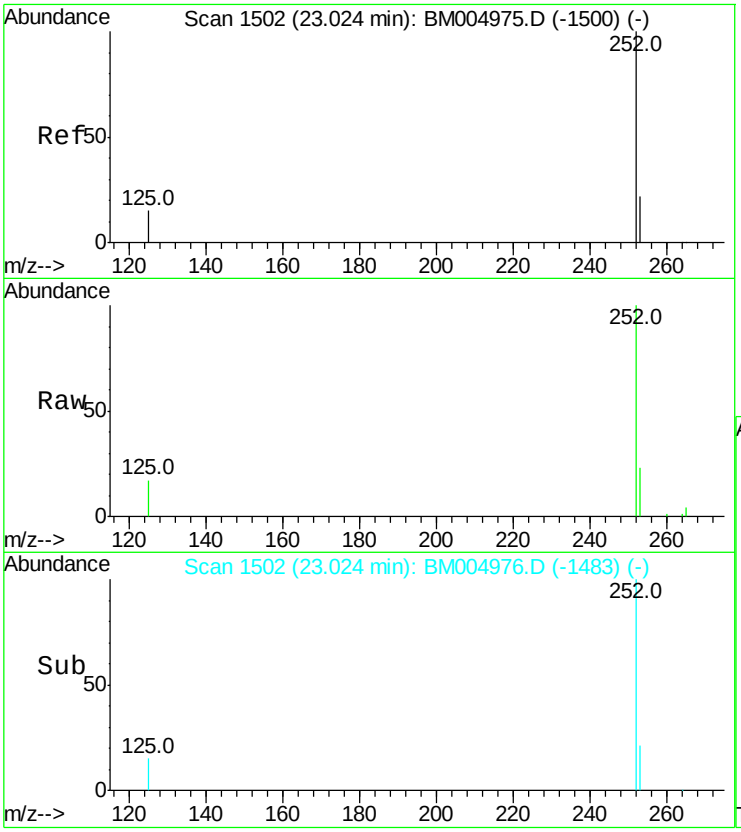


#23
Benzo(b)fluoranthene
Concen: 0.81 ng/ul
RT: 22.98 min Scan# 1498
Delta R.T. 0.00 min
Lab File: BM004976.D
Acq: 18 Apr 2016 16:56

Tgt Ion:252 Resp: 10577

Ion	Ratio	Lower	Upper
252	100		
253	24.5	0.0	45.4
125	16.3	0.0	28.8

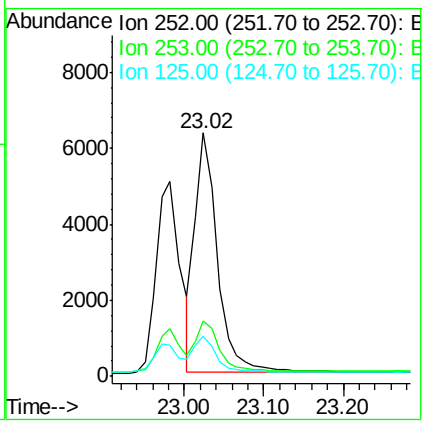




#24
Benzo(k)fluoranthene
Concen: 0.98 ng/ul
RT: 23.02 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BM004976.D
Acq: 18 Apr 2016 16:56

Tgt Ion:252 Resp: 12317

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.8	29.8
125	16.5	10.4	15.6#



Instrument :
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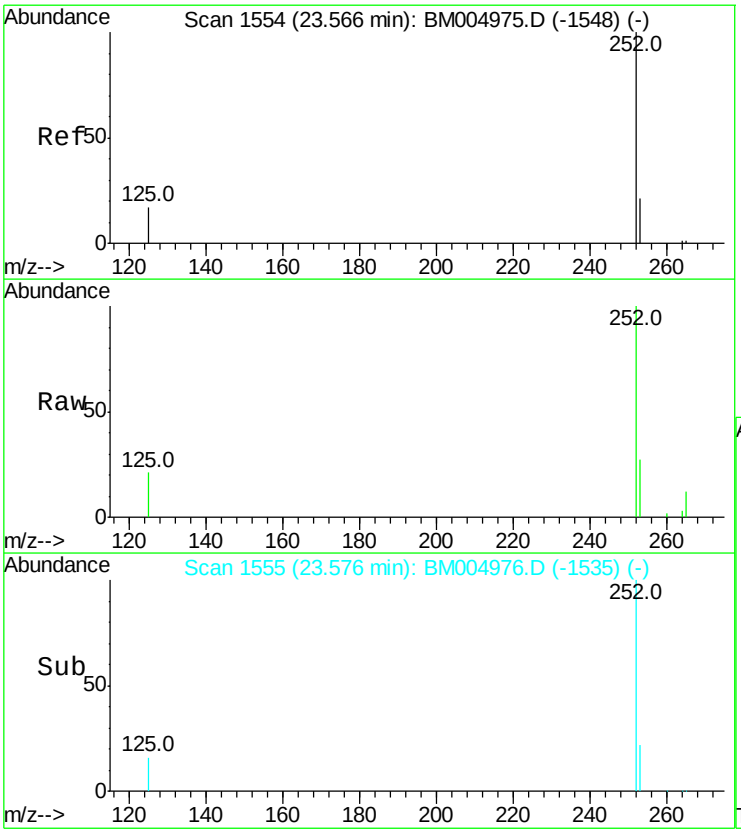
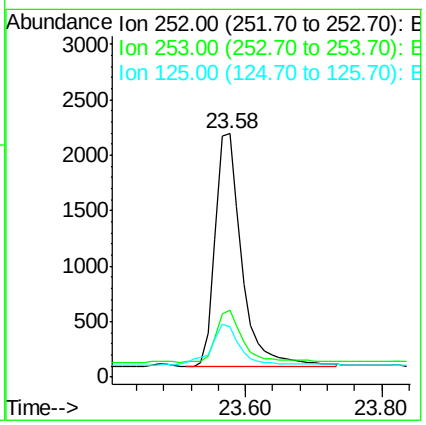
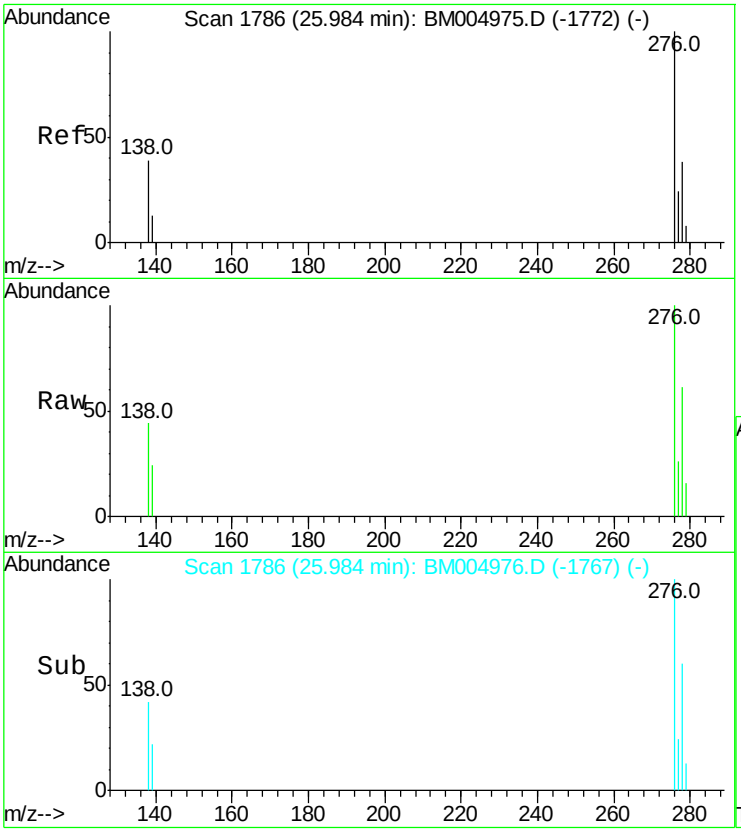


#25
Benzo(a)pyrene
Concen: 0.50 ng/ul
RT: 23.58 min Scan# 1555
Delta R.T. 0.01 min
Lab File: BM004976.D
Acq: 18 Apr 2016 16:56

Tgt Ion:252 Resp: 5639

Ion	Ratio	Lower	Upper
252	100		
253	27.3	19.4	29.2
125	20.6	12.7	19.1#

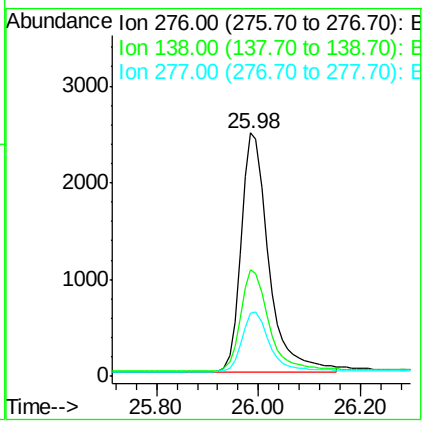




#26
Indeno(1,2,3-cd)pyrene
Concen: 0.80 ng/ul
RT: 25.98 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BM004976.D
Acq: 18 Apr 2016 16:56

Tgt Ion:276 Resp: 9208

Ion	Ratio	Lower	Upper
276	100		
138	43.5	16.3	24.5#
277	25.1	19.8	29.8



Instrument :
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ClientSampleId :
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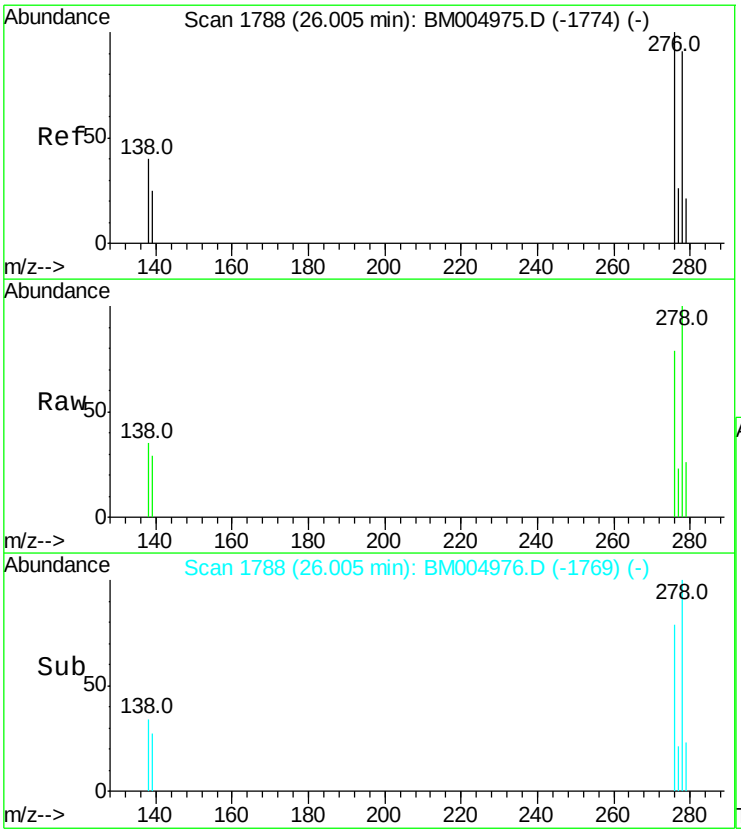
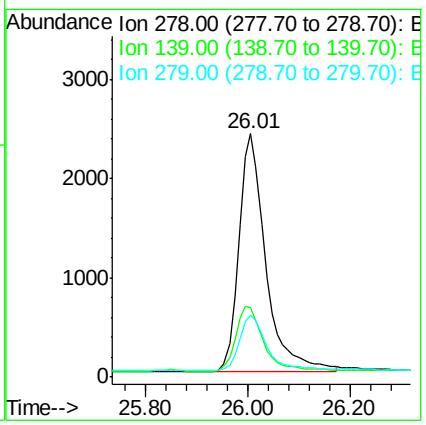
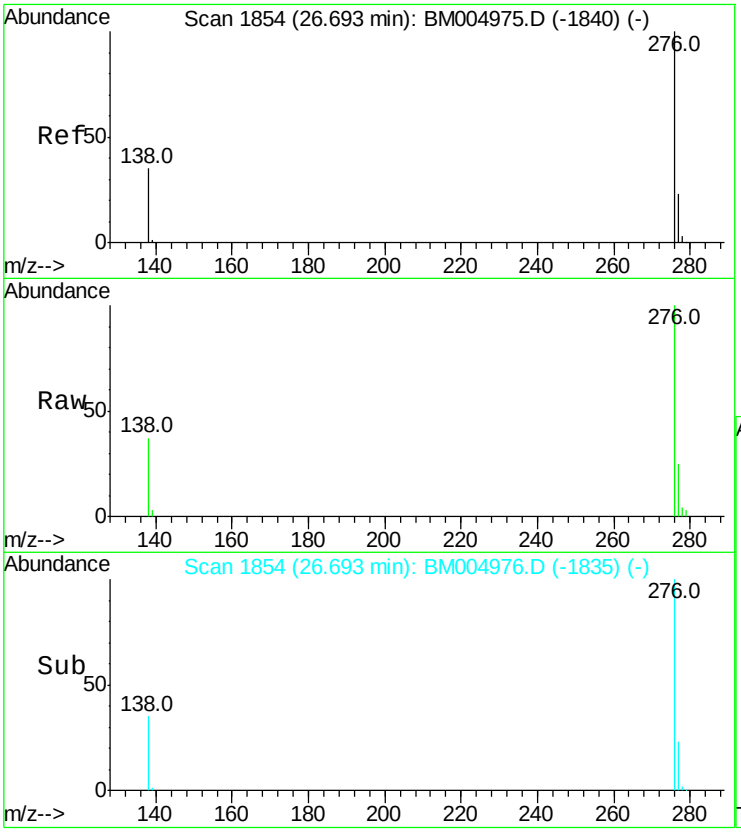


#27
Dibenzo(a,h)anthracene
Concen: 1.00 ng/ul
RT: 26.01 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BM004976.D
Acq: 18 Apr 2016 16:56

Tgt Ion:278 Resp: 8814

Ion	Ratio	Lower	Upper
278	100		
139	28.5	16.4	24.6#
279	25.6	20.2	30.2

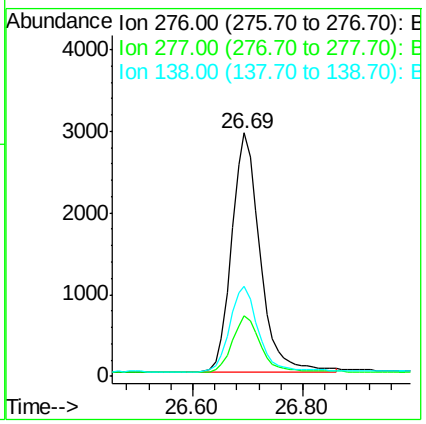




#28
Benzo(g,h,i)perylene
Concen: 0.99 ng/ul
RT: 26.69 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BM004976.D
Acq: 18 Apr 2016 16:56

Tgt Ion:276 Resp: 10453

Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.9	28.3
138	36.7	22.5	33.7#



Instrument :
BNA_M
ClientSampleId :
D9T73

Manual Integrations APPROVED
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