Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092216\
Data File : BM007514.D
Acq On : 22 Sep 2016 16:52
Operator : UM/SJ
Sample : H4830-09DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4VH7DL

Quant Time: Sep 22 18:41:55 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 22 01:26:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1479	0.40	ng/ul	0.02
2) Naphthalene-d8	10.58	136	5408	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.43	164	3843	0.40	ng/ul	0.02
10) Phenanthrene-d10	17.18	188	8615	0.40	ng/ul	0.02
16) Chrysene-d12	21.35	240	9842	0.40	ng/ul	0.00
20) Perylene-d12	23.62	264	8954	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.21	152	1222	0.19	ng/ul	0.03
14) Fluoranthene-d10	19.20	212	4683	0.23	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.63	128	6551	0.52	ng/ul	98
7) Acenaphthylene	14.14	152	6543	0.40	ng/ul	98
8) Acenaphthene	14.49	153	5103	0.40	ng/ul	96
9) Fluorene	15.50	166	7516	0.48	ng/ul	92
11) Pentachlorophenol	16.83	266	3774	1.60	ng/ul	98
12) Phenanthrene	17.21	178	10361	0.44	ng/ul	99
13) Anthracene	17.30	178	6171	0.29	ng/ul	98
17) Pyrene	19.59	202	29297	0.90	ng/ul	97
18) Benzo(a)anthracene	21.33	228	13388	0.46	ng/ul	95
19) Chrysene	21.38	228	18867	0.61	ng/ul	96
22) Benzo(k)fluoranthene	22.98	252	9100	0.30	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.90	276	12629	0.44	ng/ul#	94
26) Benzo(g,h,i)perylene	26.60	276	14205	0.55	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092216\
Data File : BM007514.D
Acq On : 22 Sep 2016 16:52
Operator : UM/SJ
Sample : H4830-09DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4VH7DL

Quant Time: Sep 22 18:41:55 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 22 01:26:49 2016
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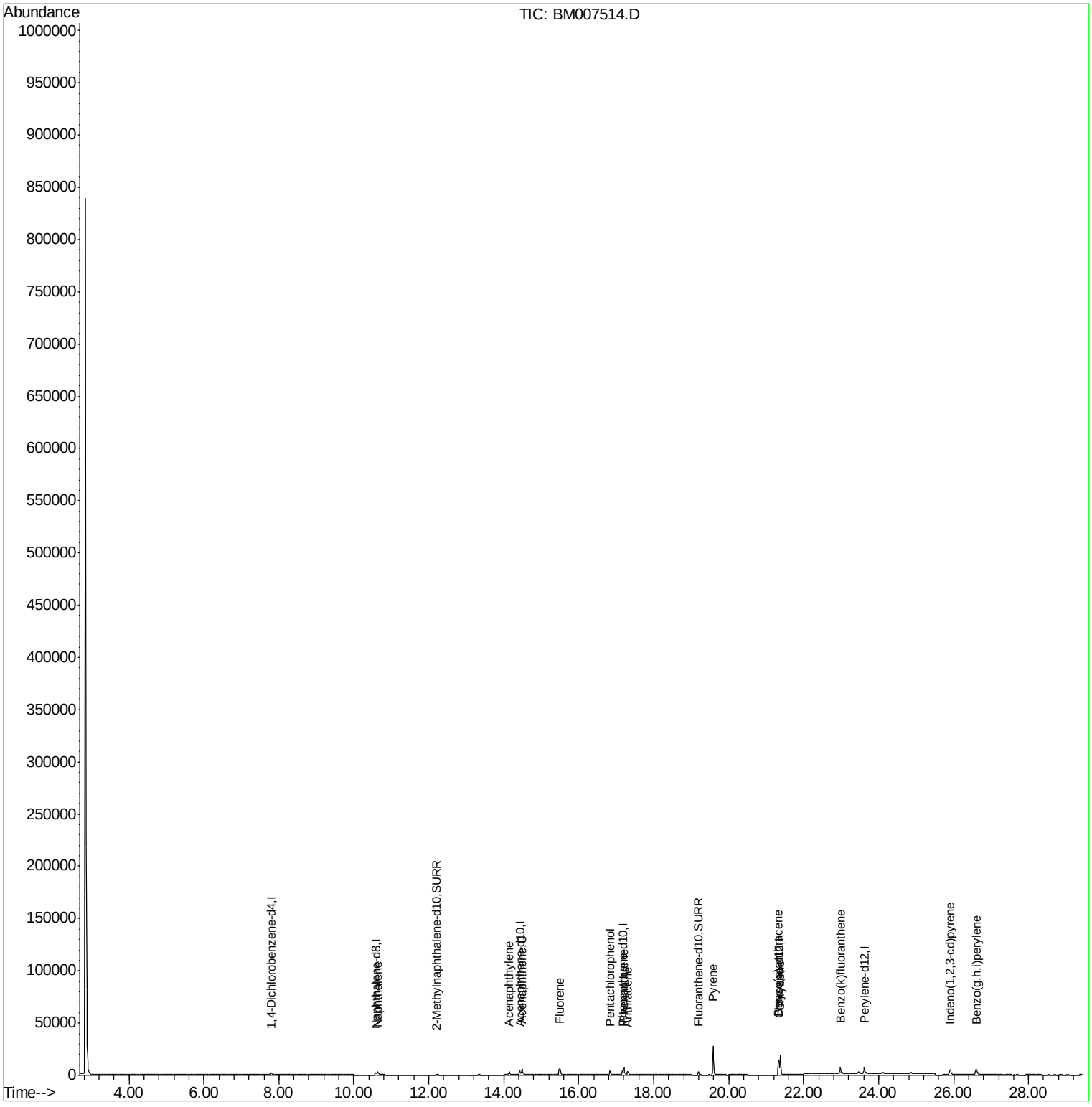
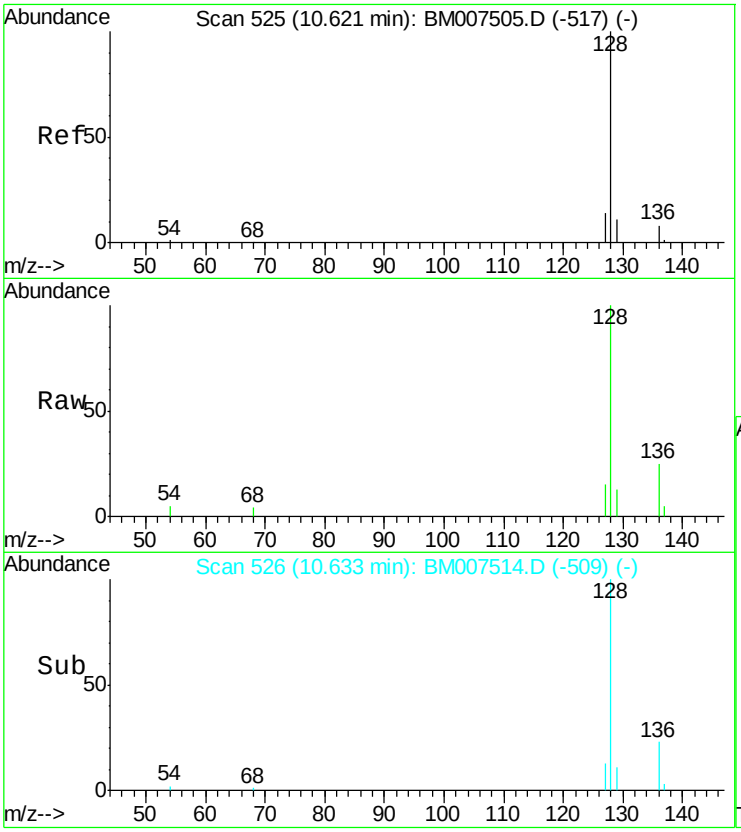


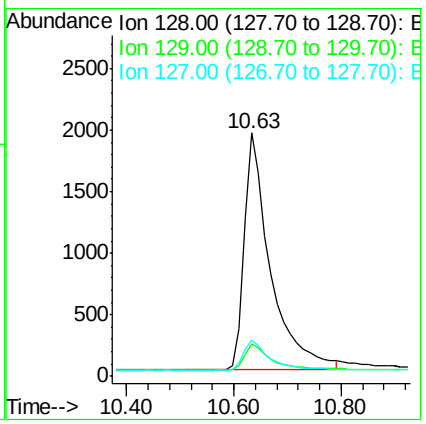


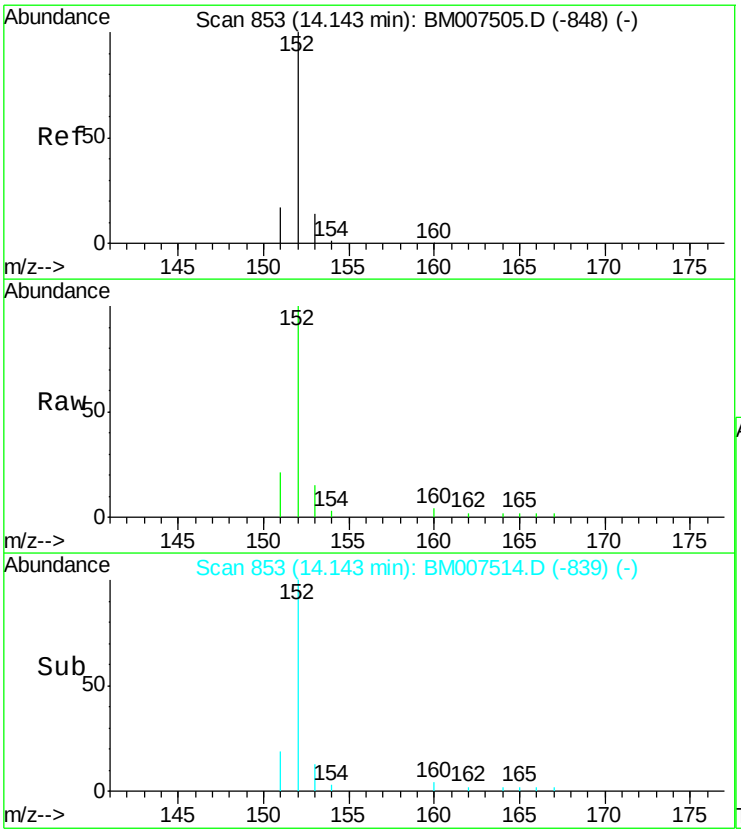
#3
Naphthalene
Concen: 0.52 ng/ul
RT: 10.63 min Scan# 526
Delta R.T. 0.00 min
Lab File: BM007514.D
Acq: 22 Sep 2016 16:52

Instrument :
BNA_M
ClientSampleId :
A4VH7DL

Tgt Ion:128 Resp: 6551

Ion	Ratio	Lower	Upper
128	100		
129	13.2	10.7	16.1
127	15.1	11.3	16.9

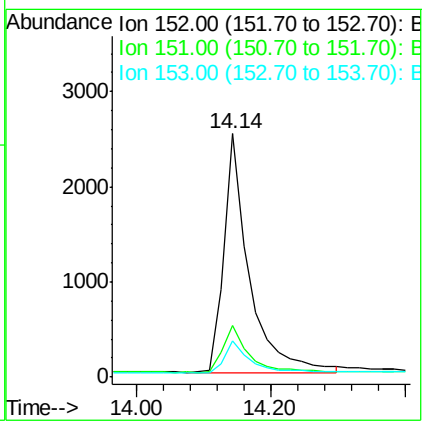


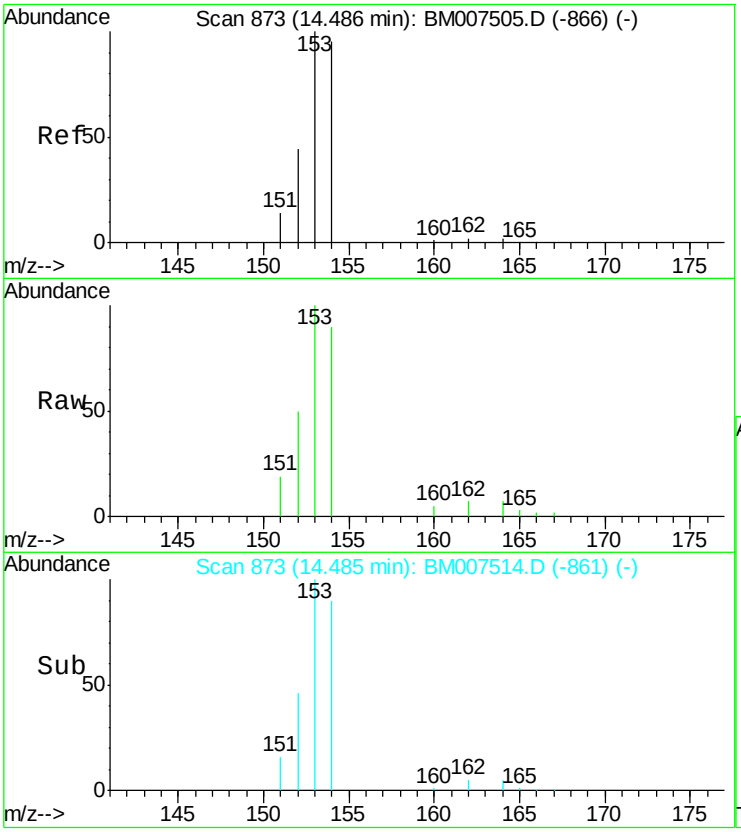


#7
Acenaphthylene
Concen: 0.40 ng/ul
RT: 14.14 min Scan# 853
Delta R.T. 0.00 min
Lab File: BM007514.D
Acq: 22 Sep 2016 16:52

Tgt Ion:152 Resp: 6543

Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.8	23.8
153	14.8	12.2	18.2



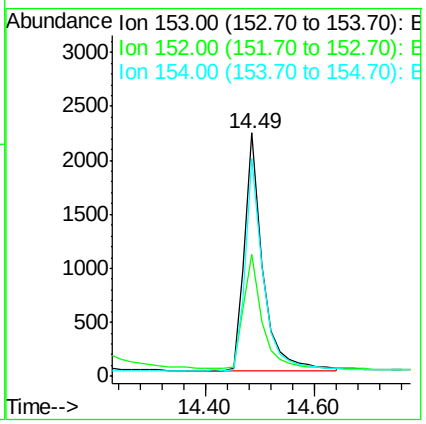


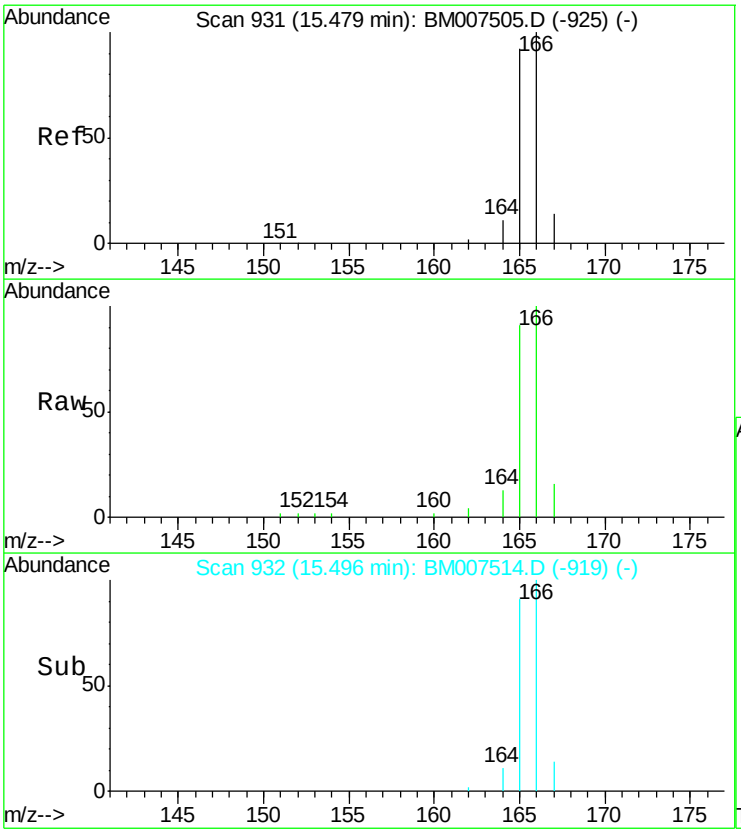
#8
Acenaphthene
Concen: 0.40 ng/ul
RT: 14.49 min Scan# 873
Delta R.T. 0.00 min
Lab File: BM007514.D
Acq: 22 Sep 2016 16:52

Instrument :
BNA_M
ClientSampleId :
A4VH7DL

Tgt Ion:153 Resp: 5103

Ion	Ratio	Lower	Upper
153	100		
152	50.3	37.6	56.4
154	89.5	74.6	112.0

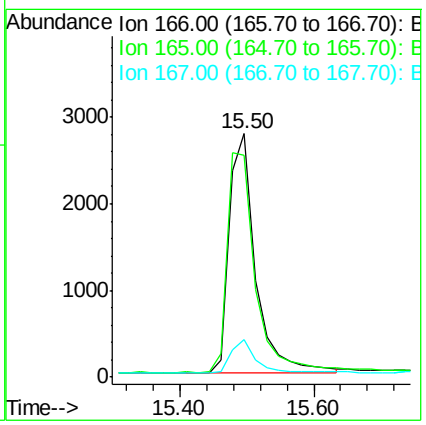


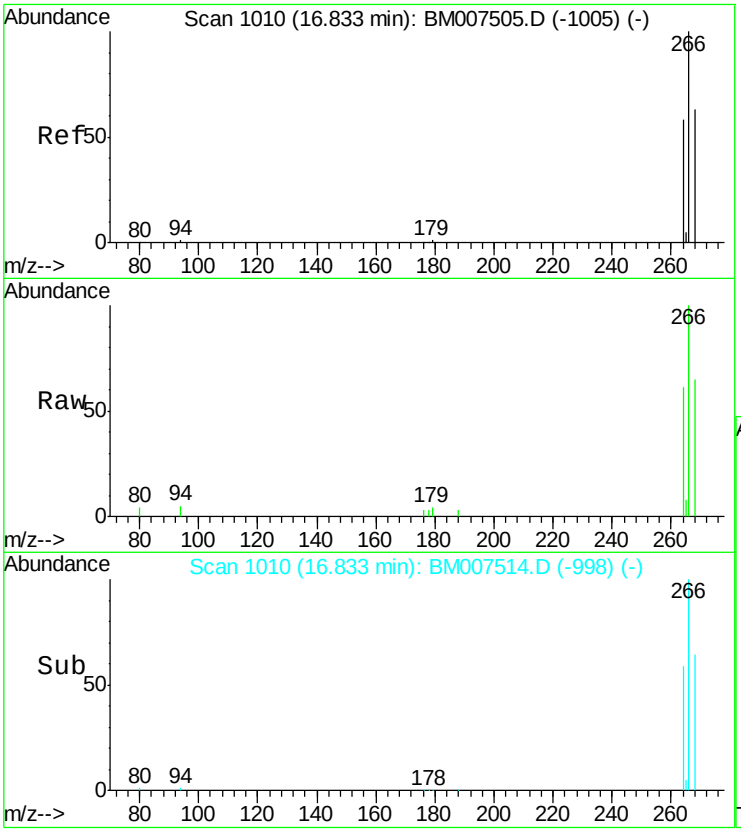


#9
Fluorene
Concen: 0.48 ng/ul
RT: 15.50 min Scan# 932
Delta R.T. 0.02 min
Lab File: BM007514.D
Acq: 22 Sep 2016 16:52

Tgt Ion:166 Resp: 7516

Ion	Ratio	Lower	Upper
166	100		
165	91.0	79.8	119.8
167	15.5	11.5	17.3



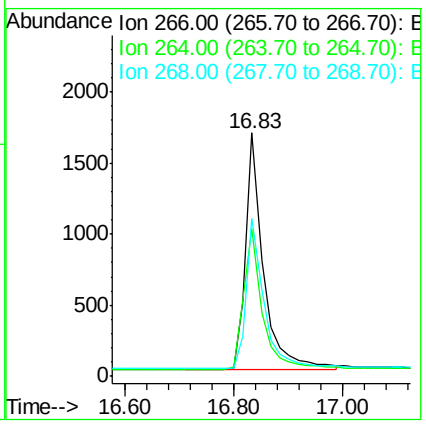


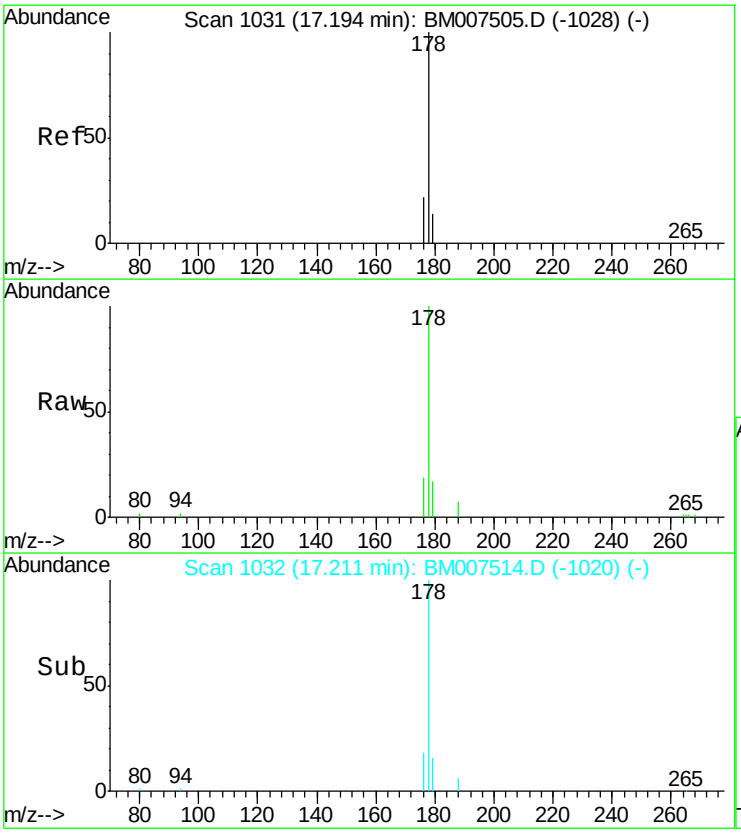
#11
Pentachlorophenol
Concen: 1.60 ng/ul
RT: 16.83 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BM007514.D
Acq: 22 Sep 2016 16:52

Instrument :
BNA_M
ClientSampleId :
A4VH7DL

Tgt Ion:266 Resp: 3774

Ion	Ratio	Lower	Upper
266	100		
264	62.8	51.4	77.2
268	63.9	52.9	79.3

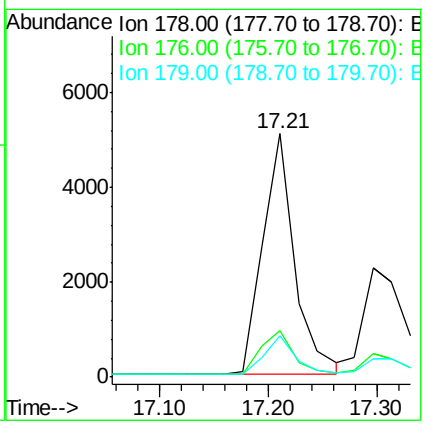


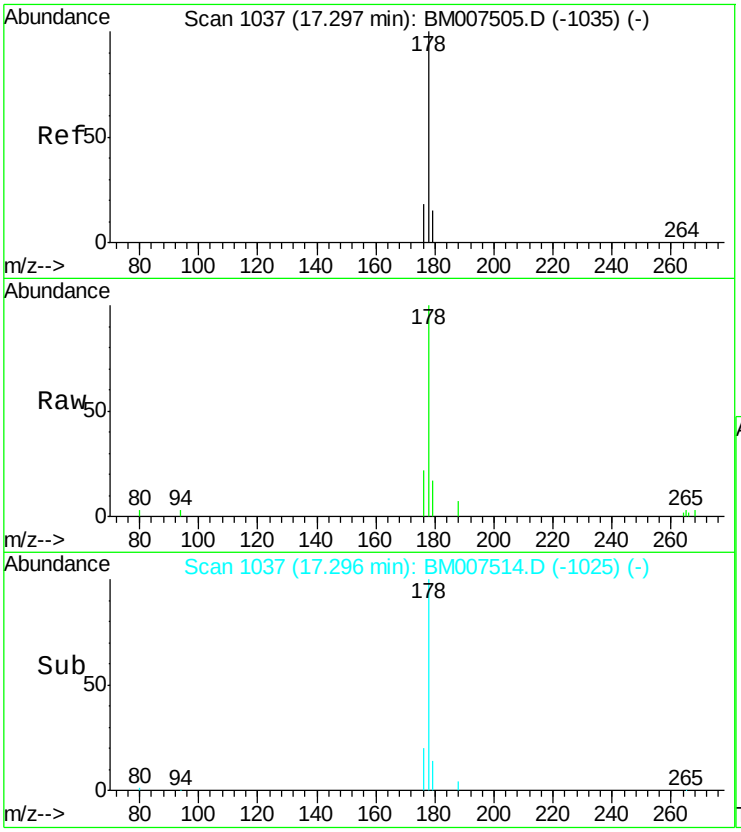


#12
Phenanthrene
Concen: 0.44 ng/ul
RT: 17.21 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BM007514.D
Acq: 22 Sep 2016 16:52

Tgt Ion:178 Resp: 10361

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.9	22.3
179	16.8	13.7	20.5



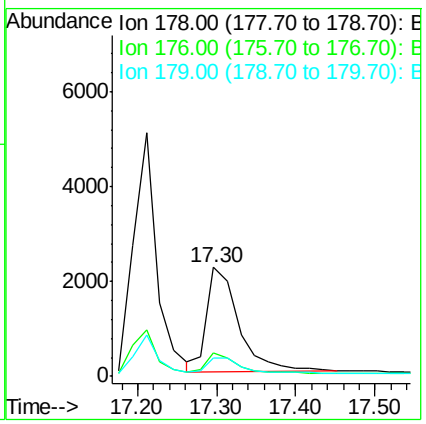


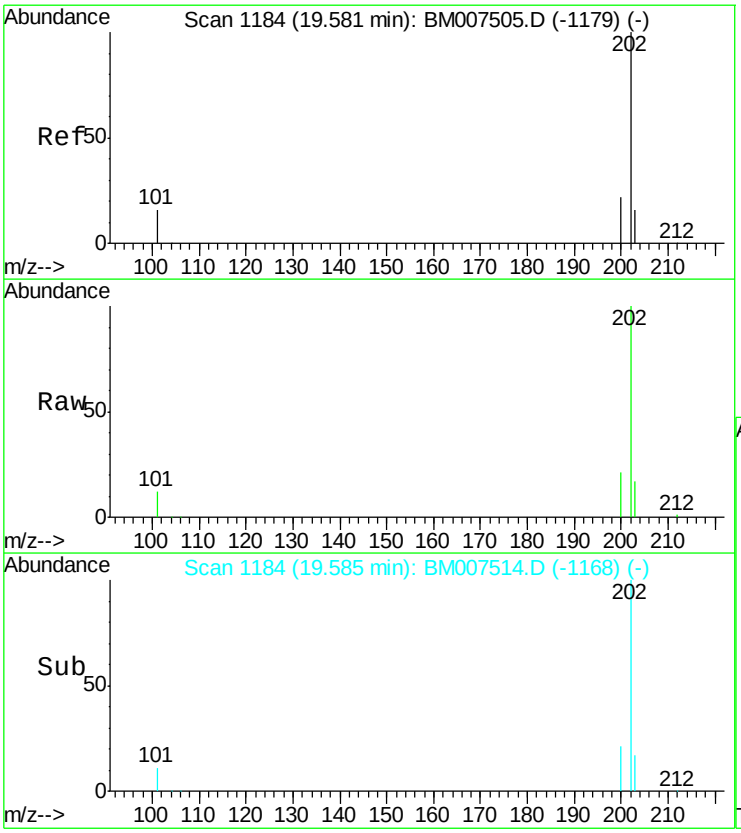
#13
Anthracene
Concen: 0.29 ng/ul
RT: 17.30 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BM007514.D
Acq: 22 Sep 2016 16:52

Instrument :
BNA_M
ClientSampleId :
A4VH7DL

Tgt Ion:178 Resp: 6171

Ion	Ratio	Lower	Upper
178	100		
176	21.7	16.6	24.8
179	16.7	12.5	18.7

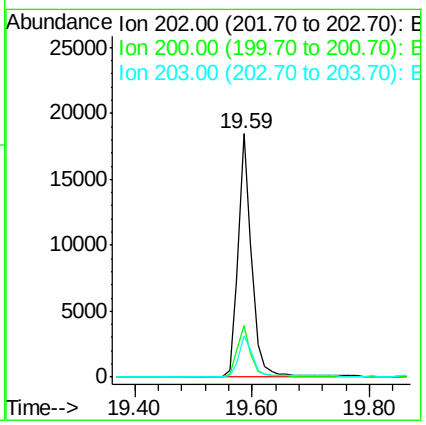


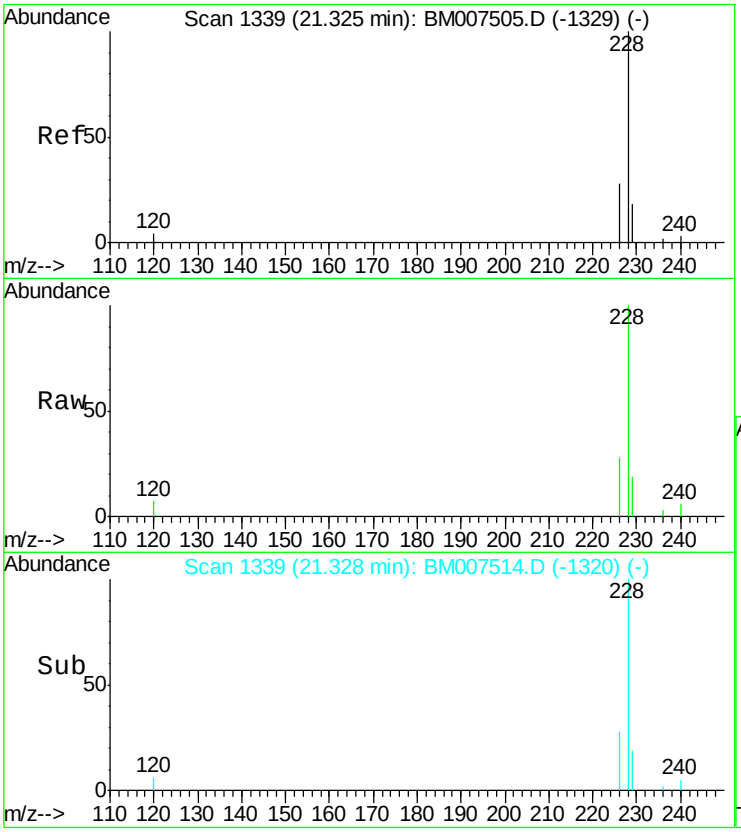


#17
Pyrene
Concen: 0.90 ng/ul
RT: 19.59 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BM007514.D
Acq: 22 Sep 2016 16:52

Tgt Ion:202 Resp: 29297

Ion	Ratio	Lower	Upper
202	100		
200	21.1	15.9	23.9
203	17.1	15.0	22.4



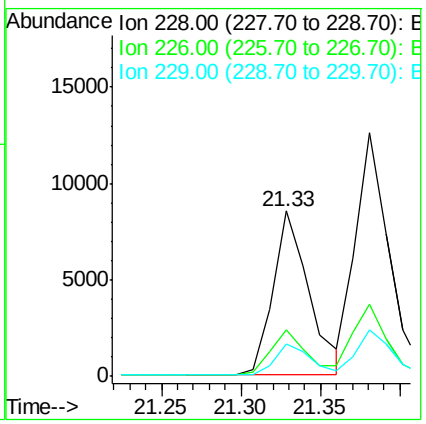


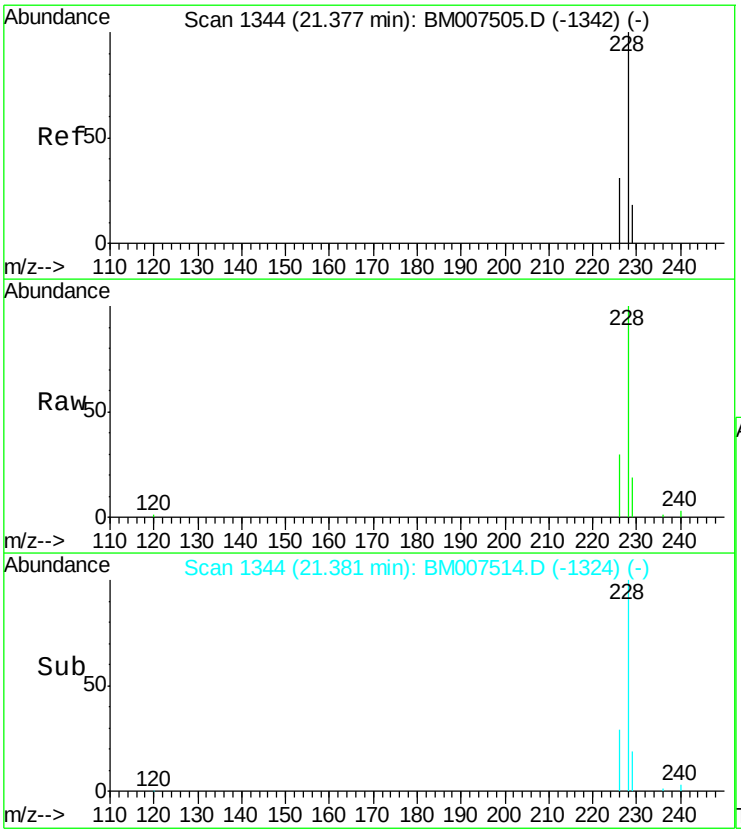
#18
Benzo(a)anthracene
Concen: 0.46 ng/ul
RT: 21.33 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BM007514.D
Acq: 22 Sep 2016 16:52

Instrument :
BNA_M
ClientSampleId :
A4VH7DL

Tgt Ion:228 Resp: 13388

Ion	Ratio	Lower	Upper
228	100		
226	28.2	20.2	30.4
229	19.4	16.7	25.1

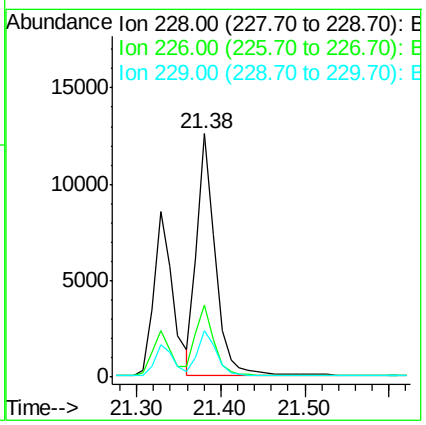


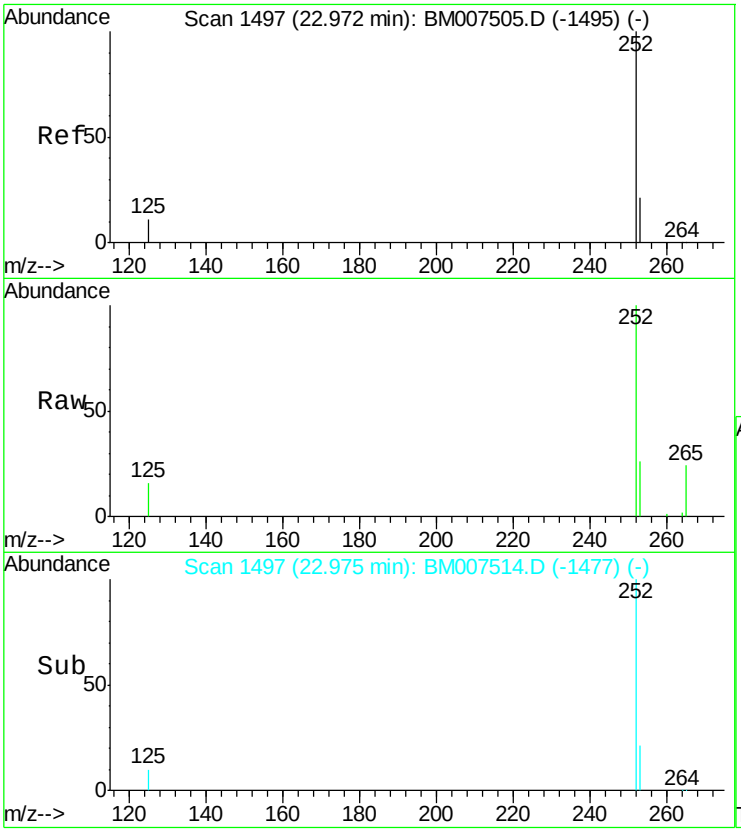


#19
Chrysene
Concen: 0.61 ng/ul
RT: 21.38 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BM007514.D
Acq: 22 Sep 2016 16:52

Tgt Ion:228 Resp: 18867

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.9	38.9
229	19.2	14.7	22.1



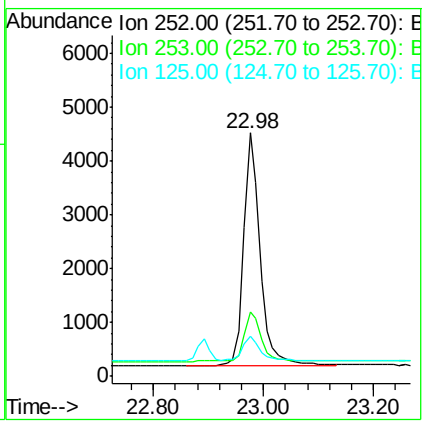


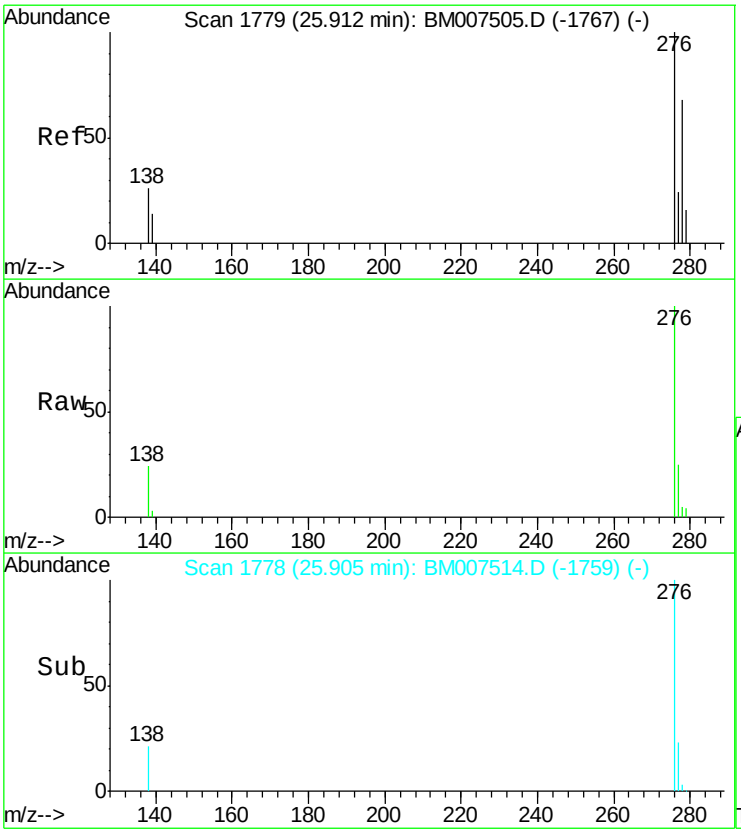
#22
Benzo(k)fluoranthene
Concen: 0.30 ng/ul
RT: 22.98 min Scan# 1497
Delta R.T. 0.00 min
Lab File: BM007514.D
Acq: 22 Sep 2016 16:52

Instrument :
BNA_M
ClientSampleId :
A4VH7DL

Tgt Ion:252 Resp: 9100

Ion	Ratio	Lower	Upper
252	100		
253	26.3	19.7	29.5
125	16.5	11.5	17.3

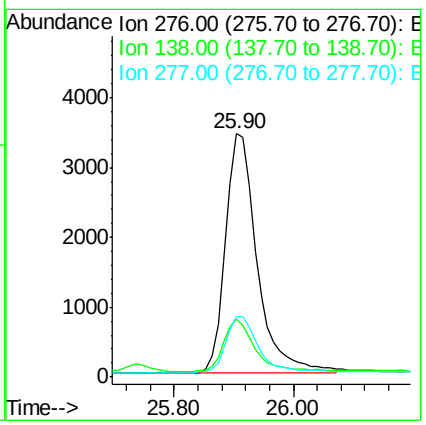


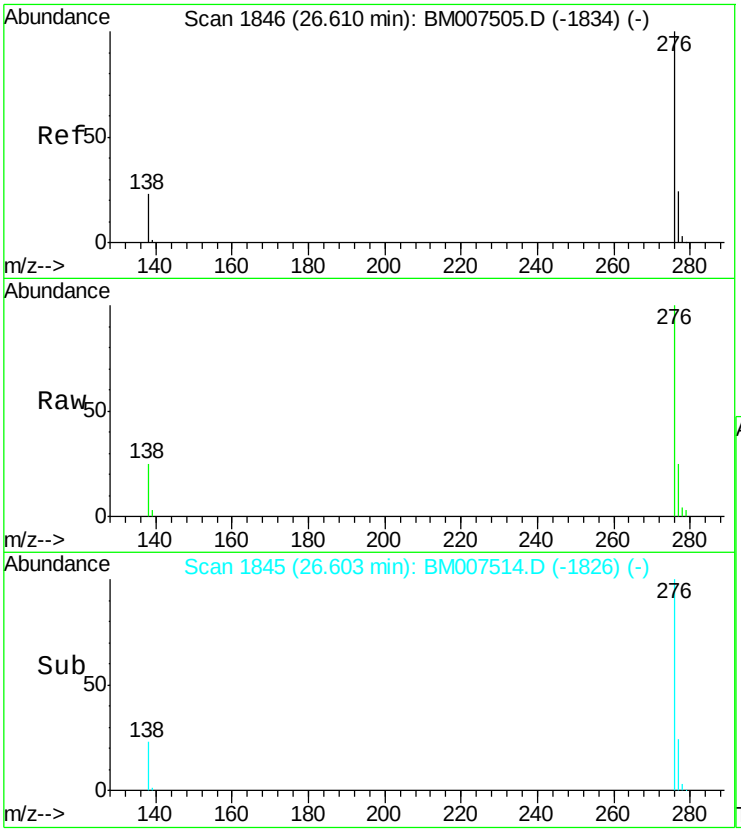


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.44 ng/ul
RT: 25.90 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BM007514.D
Acq: 22 Sep 2016 16:52

Tgt Ion:276 Resp: 12629

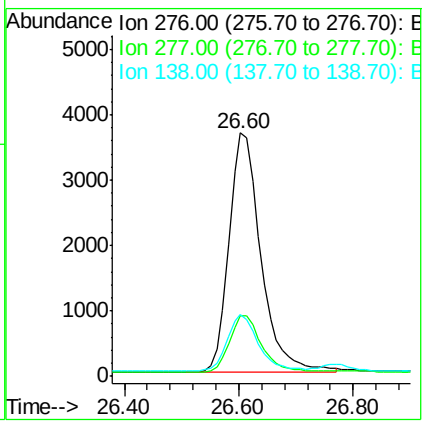
Ion	Ratio	Lower	Upper
276	100		
138	20.6	20.8	31.2#
277	23.8	19.6	29.4





#26
Benzo(g,h,i)perylene
Concen: 0.55 ng/ul
RT: 26.60 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BM007514.D
Acq: 22 Sep 2016 16:52

Instrument :
BNA_M
ClientSampleId :
A4VH7DL

Tgt Ion:276 Resp: 14205

Ion	Ratio	Lower	Upper
276	100		
277	25.0	20.5	30.7
138	25.4	20.3	30.5