Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
Data File : BN000345.D
Acq On : 13 Mar 2018 12:56
Operator : JU/SJ
Sample : J1845-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAMC8

Quant Time: Mar 14 05:43:33 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 14 05:40:51 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	179232	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	882643	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	512498	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1165675	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1320686	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1344426	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	1424471	28.00	ng/ul	0.00
10) Fluorene-d10	16.05	176	948316	27.53	ng/ul	0.00
14) Anthracene-d10	17.88	188	1513016	27.78	ng/ul	0.00
18) Pyrene-d10	20.14	212	1760776	27.25	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	1716675	27.96	ng/ul	0.00
Target Compounds						Qvalue
9) Acenaphthene	15.12	153	62392	1.754	ng/ul	98
11) Fluorene	16.10	166	72125	1.838	ng/ul	95
13) Phenanthrene	17.83	178	2871494	42.954	ng/ul	99
15) Anthracene	17.92	178	449389	6.625	ng/ul	99
16) Fluoranthene	19.81	202	5655795	78.303	ng/ul#	93
19) Pyrene	20.17	202	4999762	59.962	ng/ul#	88
20) Benzo(a)anthracene	21.89	228	2591990	31.570	ng/ul	98
21) Chrysene	21.94	228	2787083	35.771	ng/ul	98
23) Benzo(b)fluoranthene	23.63	252	3931288	49.037	ng/ul#	95
24) Benzo(k)fluoranthene	23.63	252	4950488	65.969	ng/ul#	95
26) Benzo(a)pyrene	24.29	252	2501480	32.785	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.96	276	1726654	20.988	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.96	278	413613	6.134	ng/ul#	84
29) Benzo(g,h,i)perylene	27.76	276	1854336	26.995	ng/ul#	89

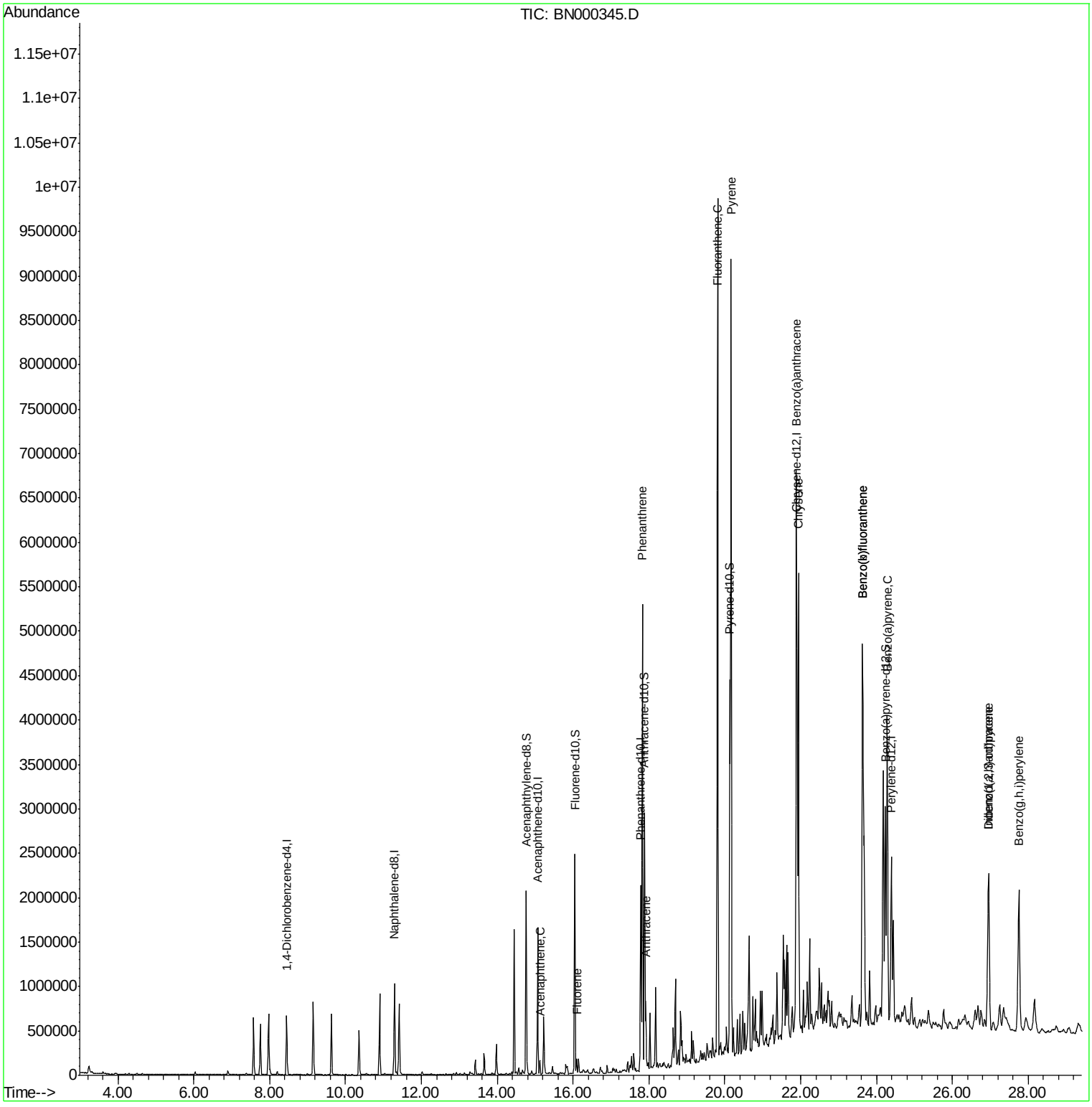
(#) = qualifier out of range (m) = manual integration (+) = signals summed

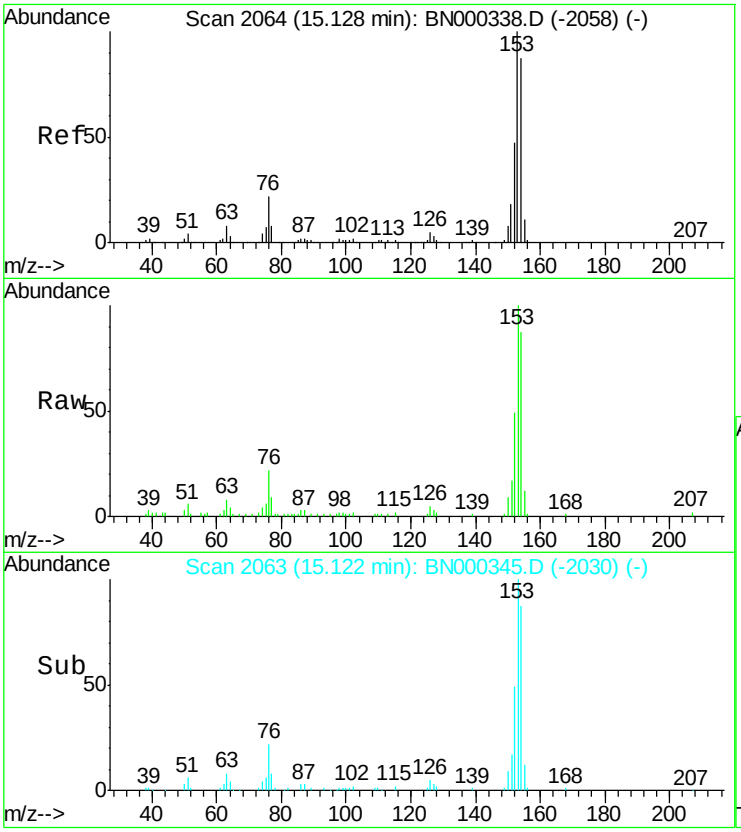
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
Data File : BN000345.D
Acq On : 13 Mar 2018 12:56
Operator : JU/SJ
Sample : J1845-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAMC8

Quant Time: Mar 14 05:43:33 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 14 05:40:51 2018
Response via : Initial Calibration



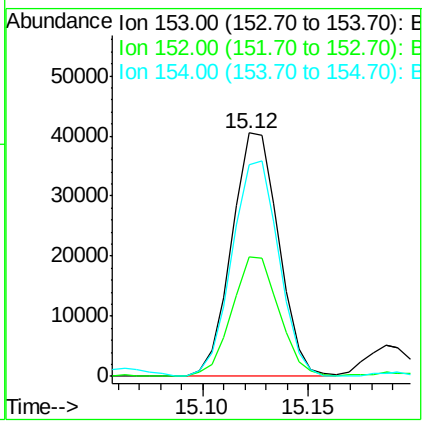


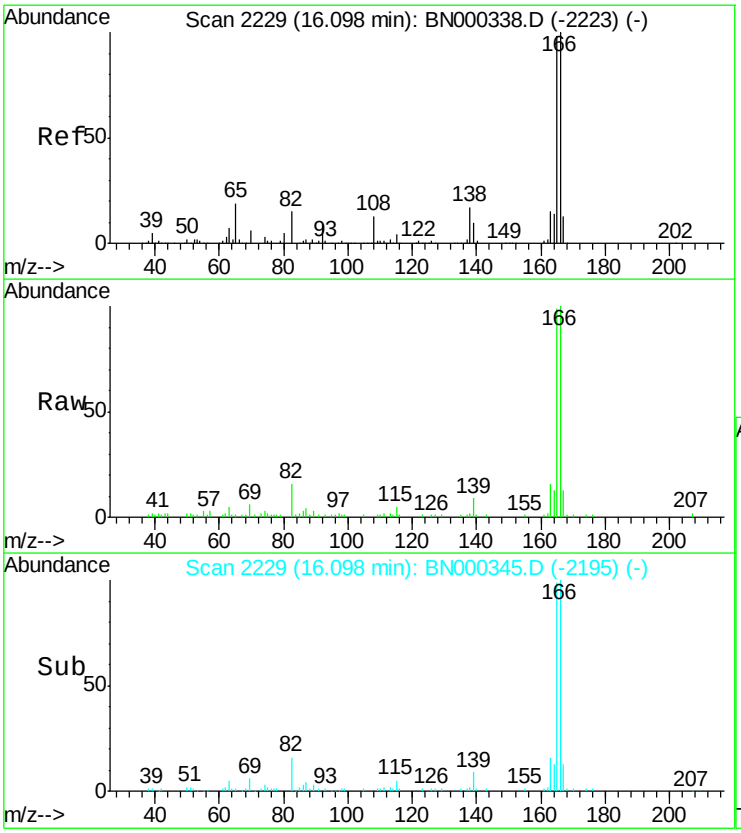
#9
Acenaphthene
Concen: 1.754 ng/ul
RT: 15.12 min Scan# 2063
Delta R.T. -0.01 min
Lab File: BN000345.D
Acq: 13 Mar 2018 12:56

Instrument :
BNA_N
ClientSampleId :
DAMC8

Tgt Ion:153 Resp: 62392

Ion	Ratio	Lower	Upper
153	100		
152	48.8	39.0	58.6
154	86.8	66.8	100.2

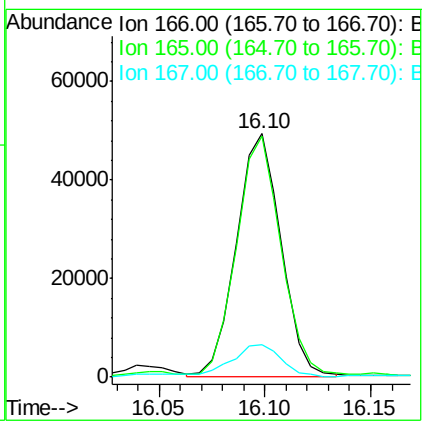


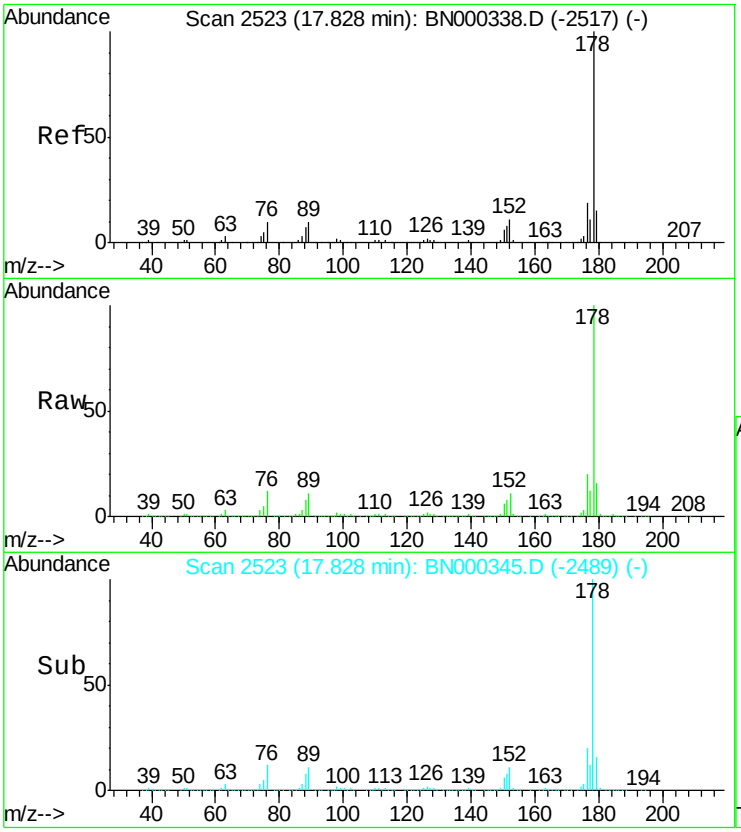


#11
Fluorene
Concen: 1.838 ng/ul
RT: 16.10 min Scan# 2229
Delta R.T. -0.00 min
Lab File: BN000345.D
Acq: 13 Mar 2018 12:56

Tgt Ion:166 Resp: 72125

Ion	Ratio	Lower	Upper
166	100		
165	98.8	83.8	125.8
167	13.3	11.5	17.3



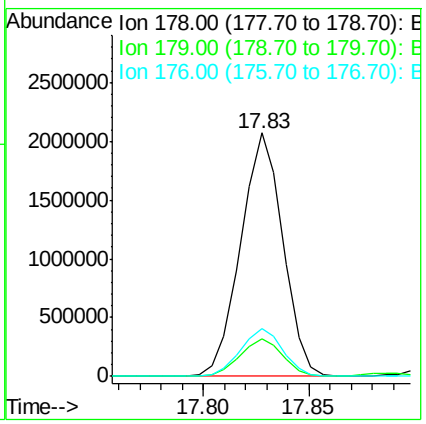


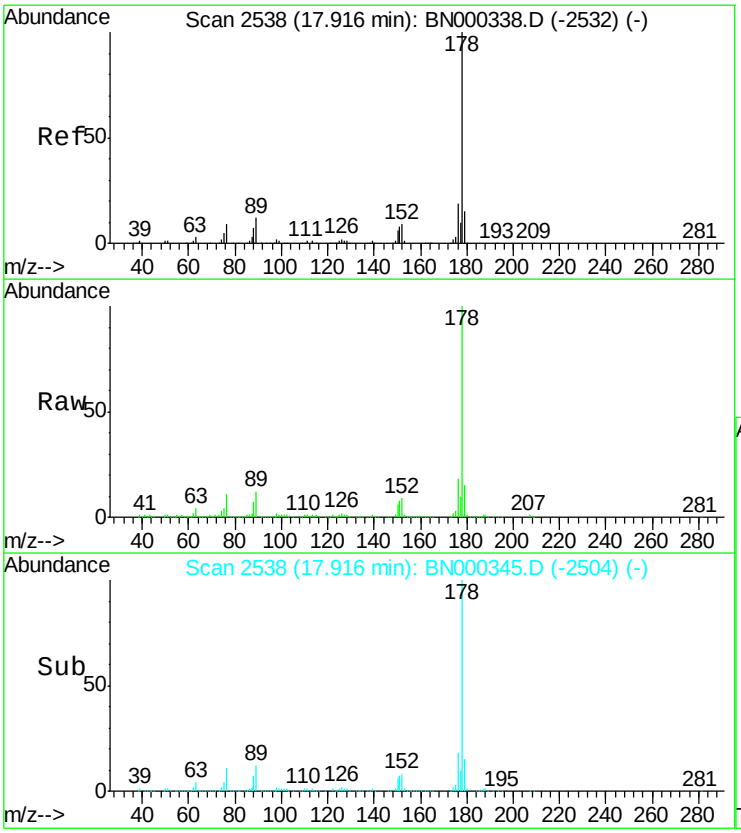
#13
Phenanthrene
Concen: 42.954 ng/ul
RT: 17.83 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BN000345.D
Acq: 13 Mar 2018 12:56

Instrument :
BNA_N
ClientSampleId :
DAMC8

Tgt Ion:178 Resp: 2871494

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	19.9	15.1	22.7

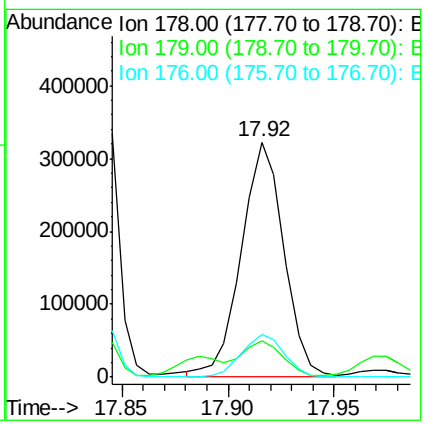


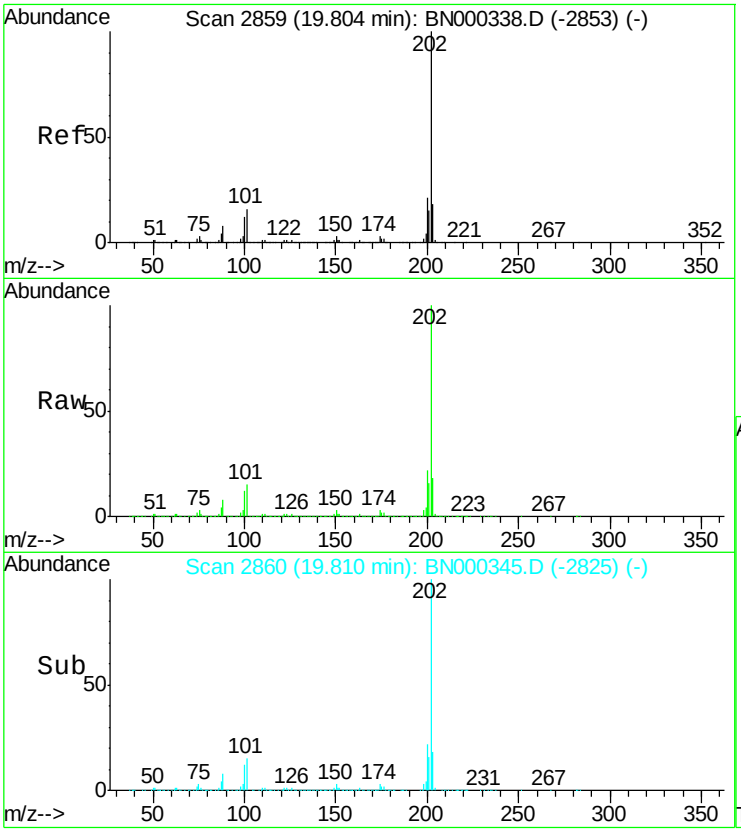


#15
Anthracene
Concen: 6.625 ng/ul
RT: 17.92 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BN000345.D
Acq: 13 Mar 2018 12:56

Tgt Ion:178 Resp: 449389

Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.8	17.8
176	18.3	15.2	22.8



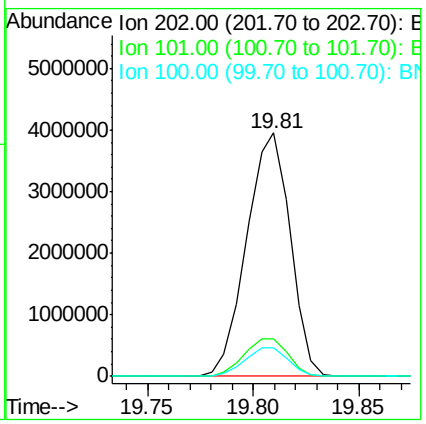


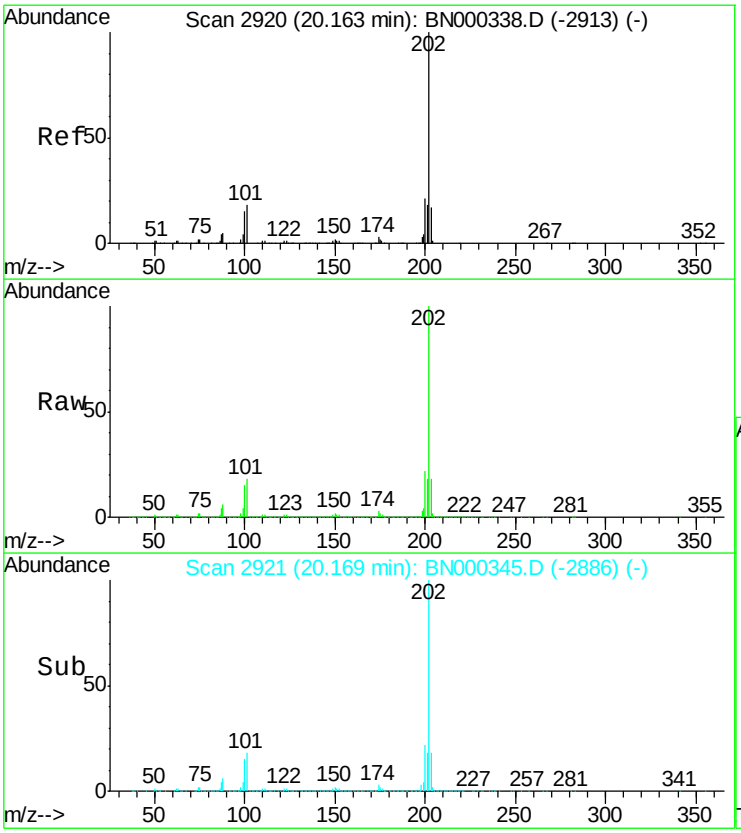
#16
Fluoranthene
Concen: 78.303 ng/ul
RT: 19.81 min Scan# 2860
Delta R.T. 0.01 min
Lab File: BN000345.D
Acq: 13 Mar 2018 12:56

Instrument :
BNA_N
ClientSampleId :
DAMC8

Tgt Ion:202 Resp: 5655795

Ion	Ratio	Lower	Upper
202	100		
101	15.4	9.9	14.9#
100	11.8	7.4	11.0#

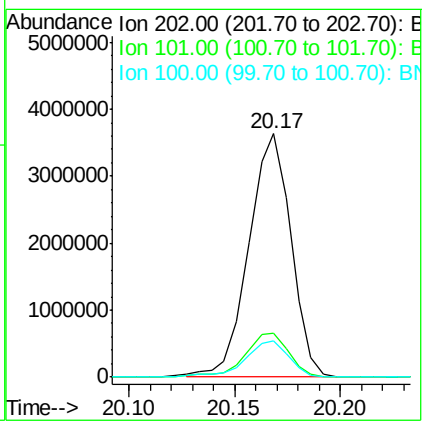


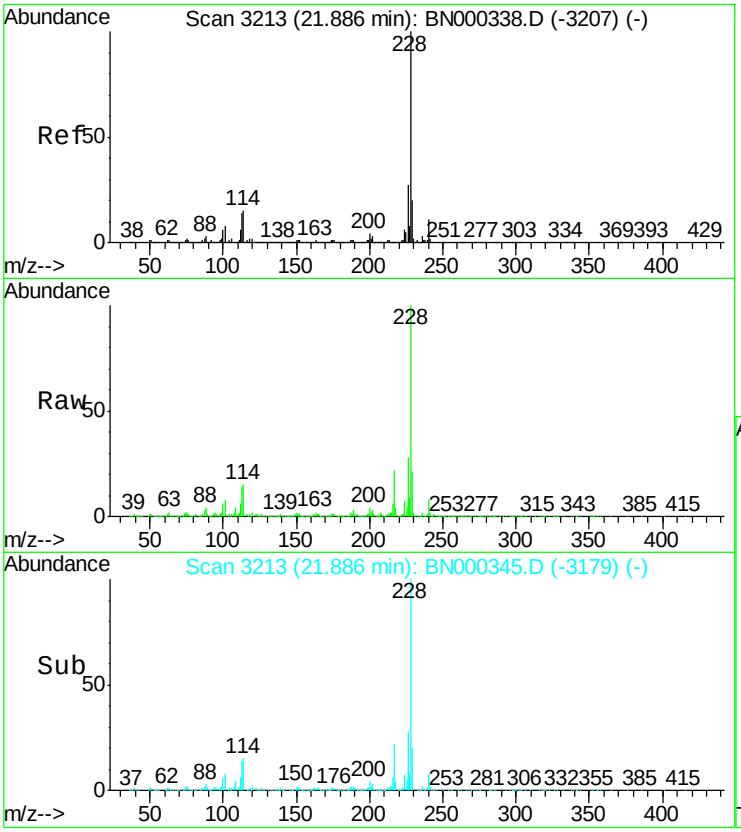


#19
Pyrene
Concen: 59.962 ng/ul
RT: 20.17 min Scan# 2921
Delta R.T. 0.01 min
Lab File: BN000345.D
Acq: 13 Mar 2018 12:56

Tgt Ion:202 Resp: 4999762

Ion	Ratio	Lower	Upper
202	100		
101	18.3	11.0	16.4#
100	15.0	8.1	12.1#



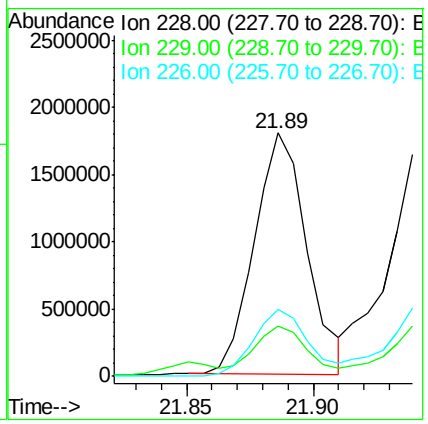


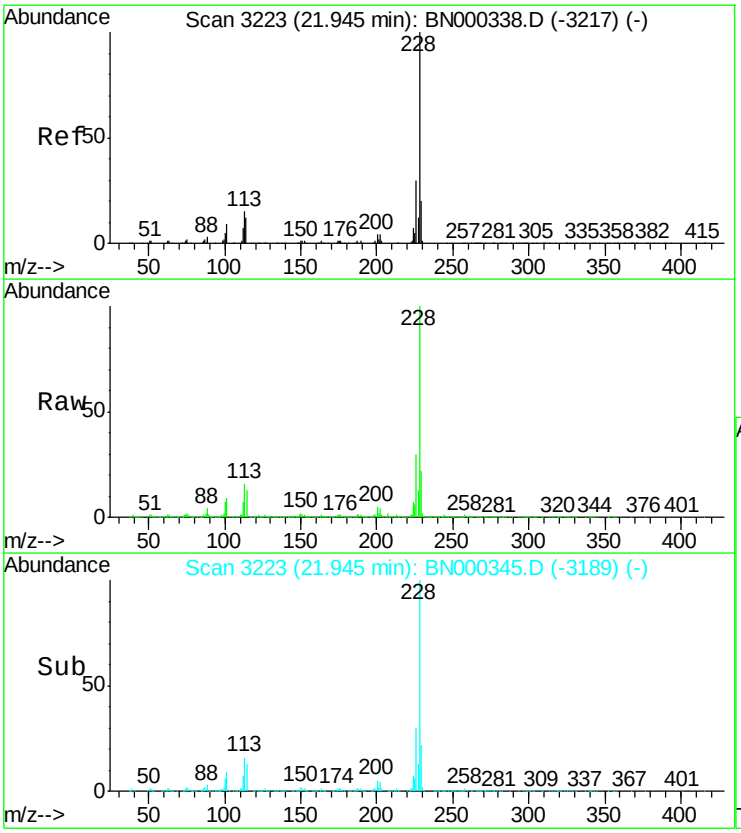
#20
Benzo(a)anthracene
Concen: 31.570 ng/ul
RT: 21.89 min Scan# 3213
Delta R.T. -0.00 min
Lab File: BN000345.D
Acq: 13 Mar 2018 12:56

Instrument :
BNA_N
ClientSampleId :
DAMC8

Tgt Ion:228 Resp: 2591990

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.7	23.5
226	27.7	21.1	31.7

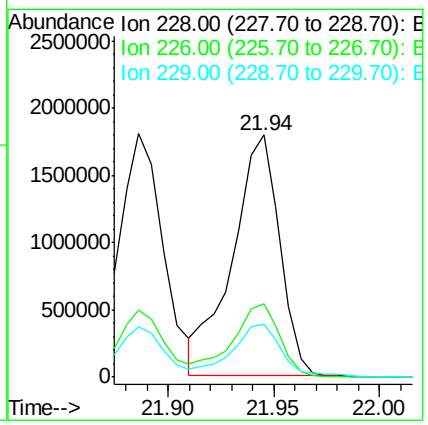


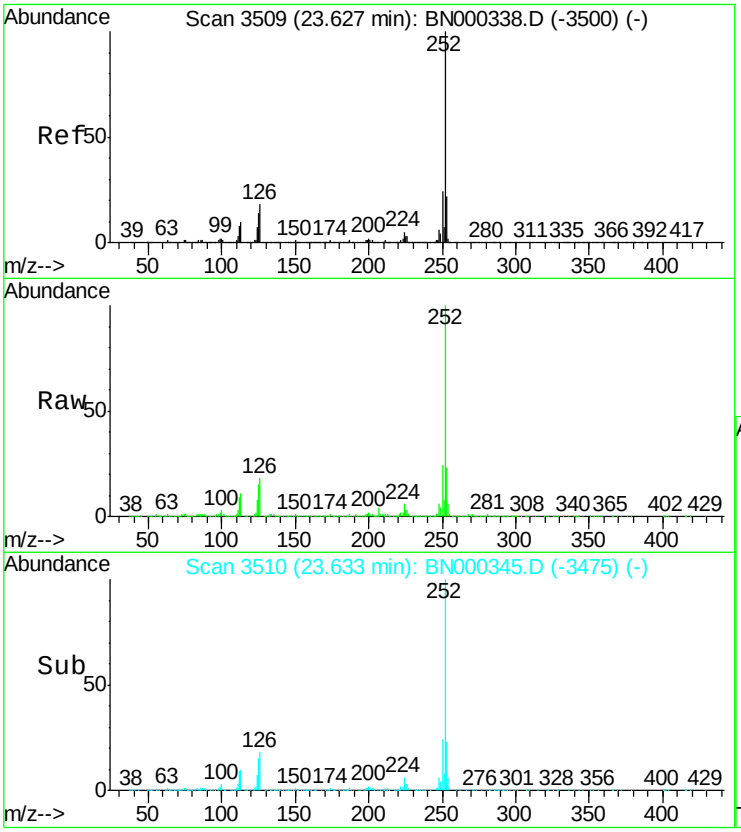


#21
Chrysene
Concen: 35.771 ng/ul
RT: 21.94 min Scan# 3223
Delta R.T. -0.00 min
Lab File: BN000345.D
Acq: 13 Mar 2018 12:56

Tgt Ion:228 Resp: 2787083

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.5	36.7
229	22.0	15.8	23.8



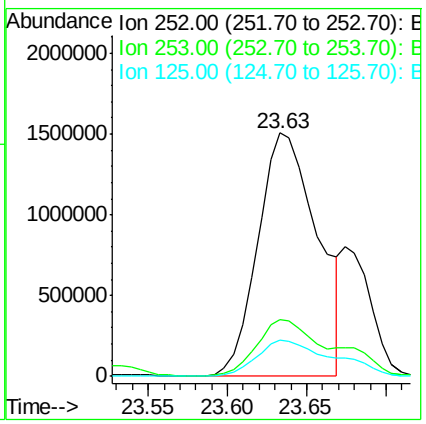


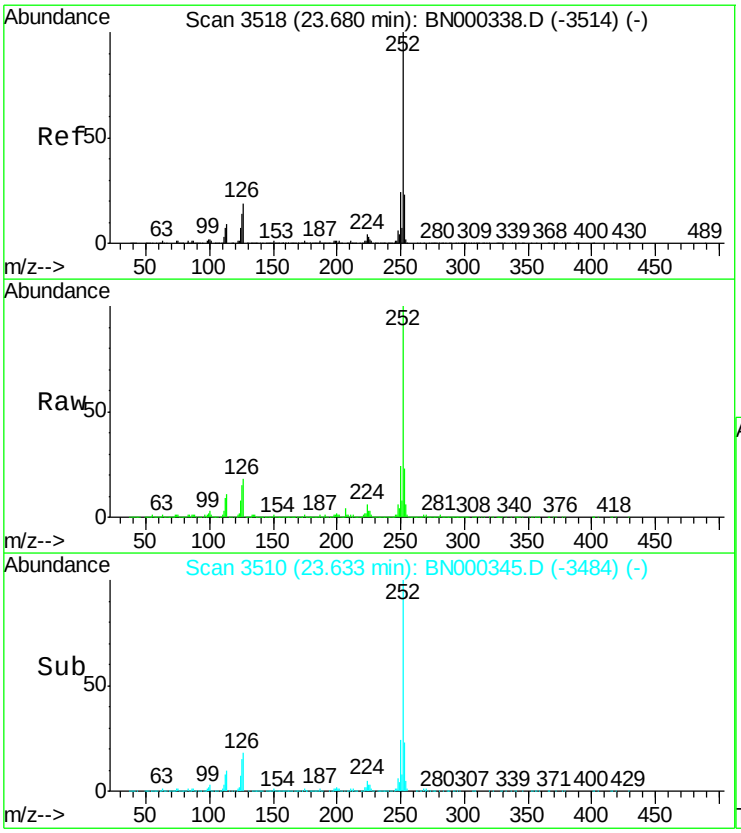
#23
Benzo(b)fluoranthene
Concen: 49.037 ng/ul
RT: 23.63 min Scan# 3510
Delta R.T. 0.01 min
Lab File: BN000345.D
Acq: 13 Mar 2018 12:56

Instrument :
BNA_N
ClientSampleId :
DAMC8

Tgt Ion:252 Resp: 3931288

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	14.7	8.0	12.0#

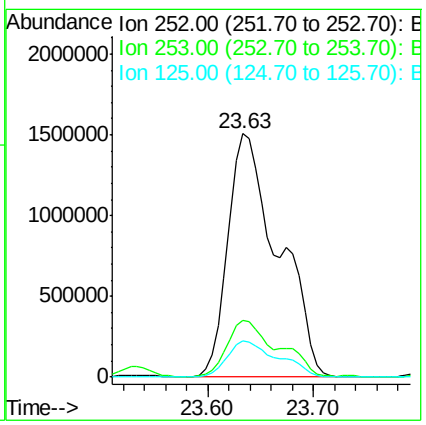


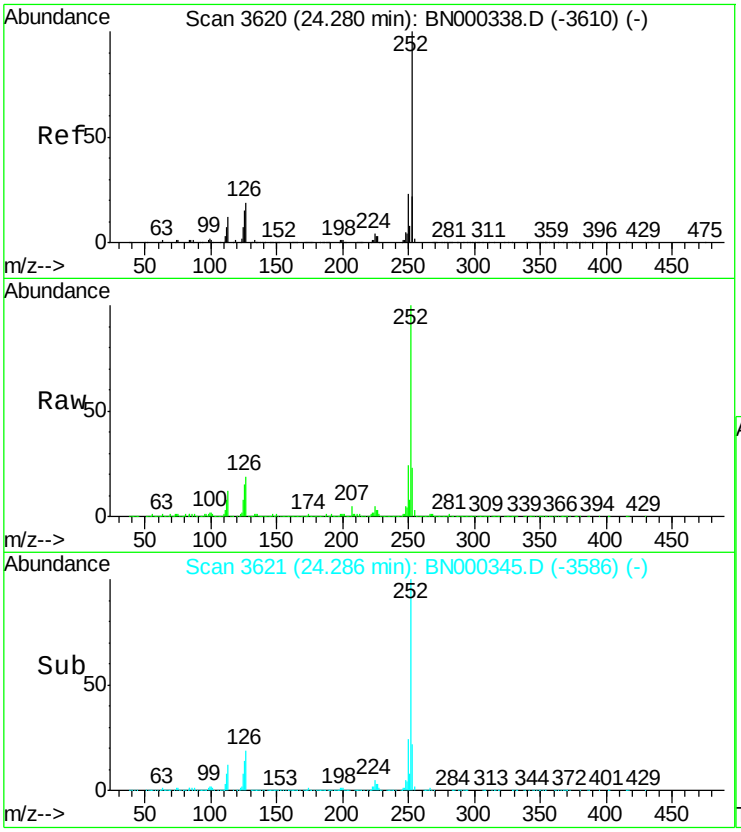


#24
Benzo(k)fluoranthene
Concen: 65.969 ng/ul
RT: 23.63 min Scan# 3510
Delta R.T. -0.05 min
Lab File: BN000345.D
Acq: 13 Mar 2018 12:56

Tgt Ion:252 Resp: 4950488

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	14.7	8.1	12.1#



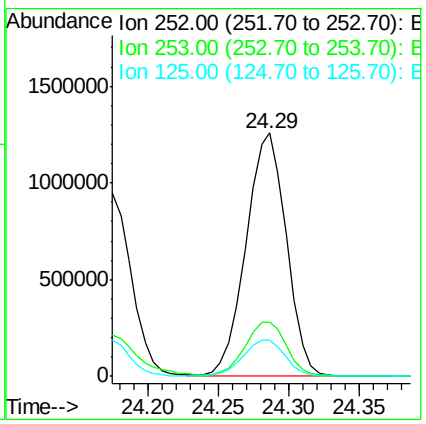


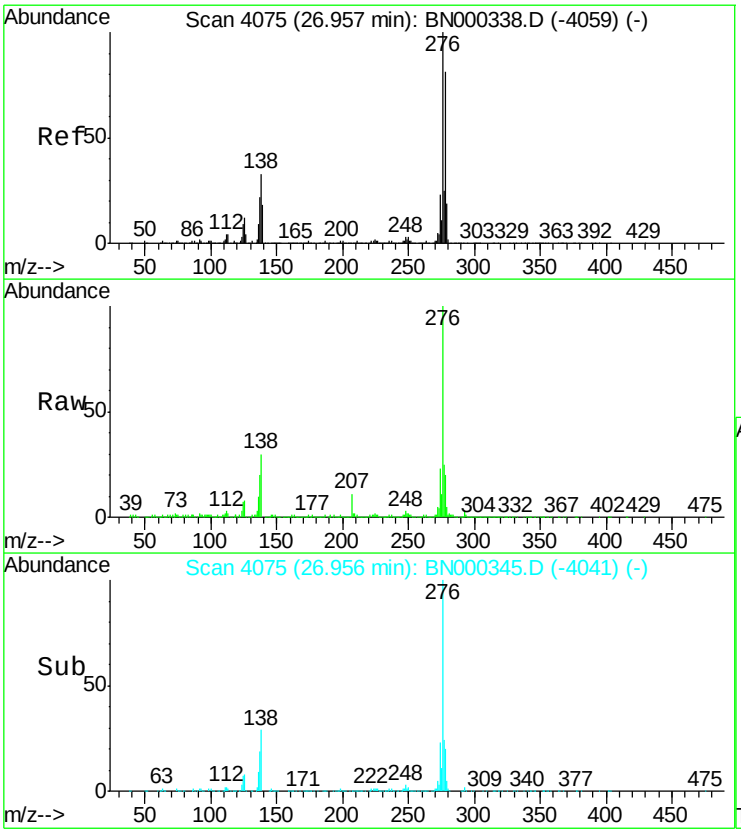
#26
Benzo(a)pyrene
Concen: 32.785 ng/ul
RT: 24.29 min Scan# 3621
Delta R.T. 0.01 min
Lab File: BN000345.D
Acq: 13 Mar 2018 12:56

Instrument :
BNA_N
ClientSampleId :
DAMC8

Tgt Ion:252 Resp: 2501480

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	14.7	8.2	12.4#

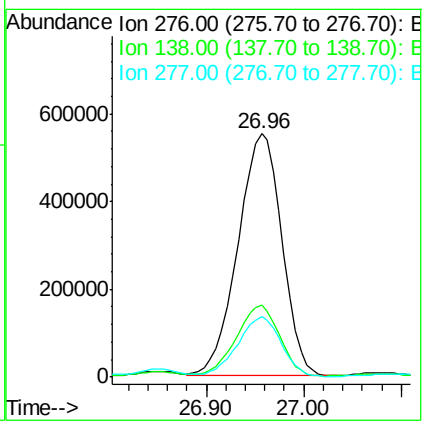


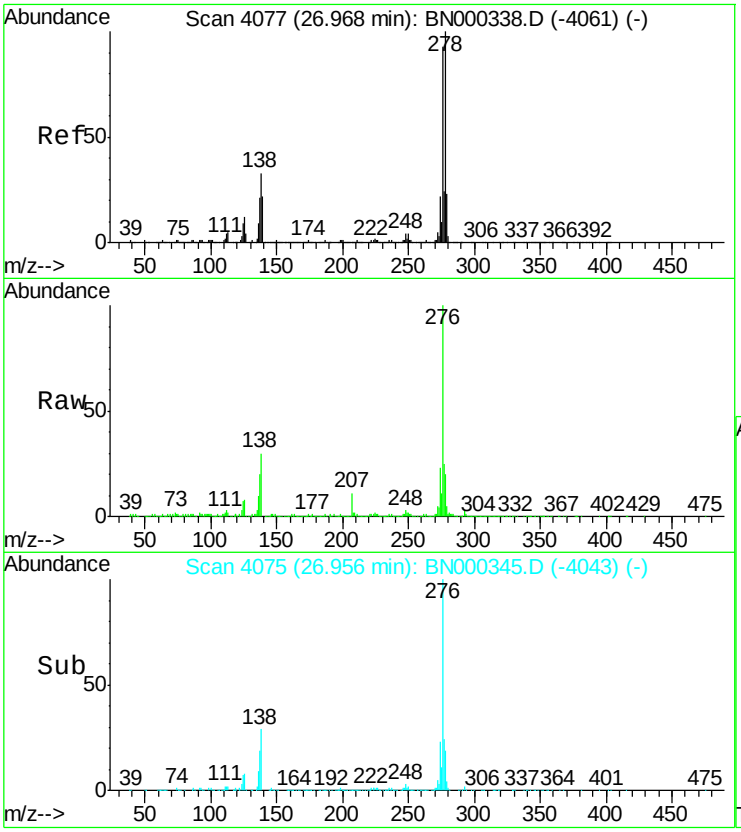


#27
Indeno(1,2,3-cd)pyrene
Concen: 20.988 ng/ul
RT: 26.96 min Scan# 4075
Delta R.T. -0.00 min
Lab File: BN000345.D
Acq: 13 Mar 2018 12:56

Tgt Ion:276 Resp: 1726654

Ion	Ratio	Lower	Upper
276	100		
138	29.7	14.4	21.6#
277	25.0	18.0	27.0



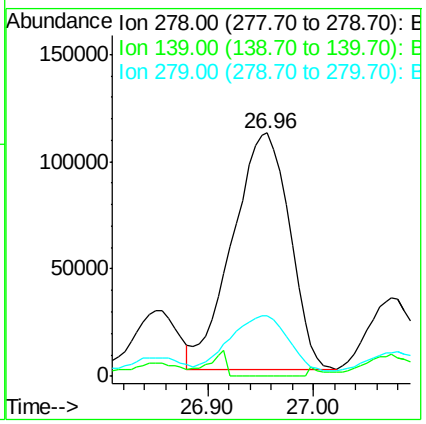


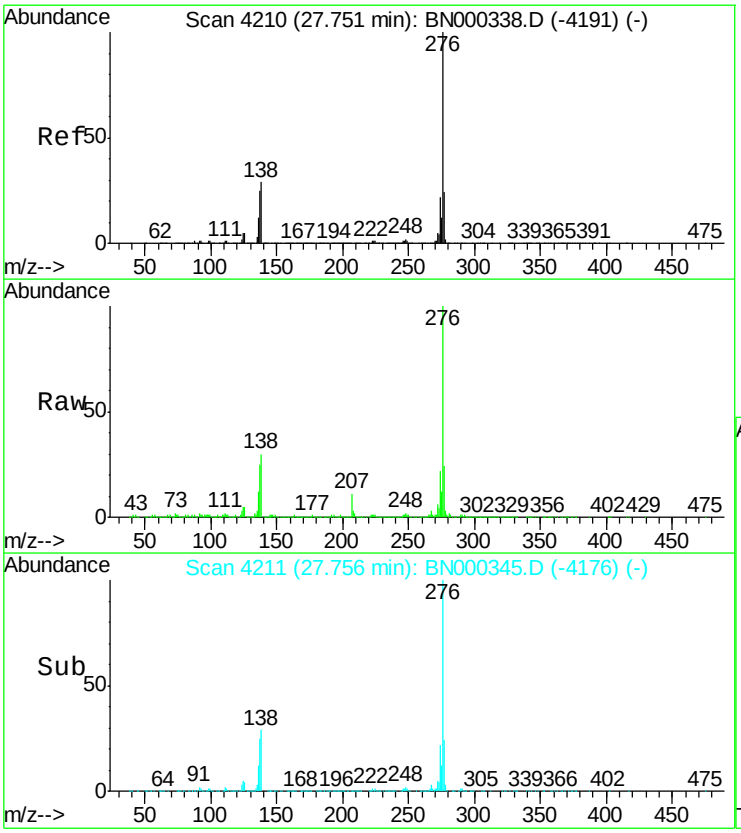
#28
Dibenzo(a,h)anthracene
Concen: 6.134 ng/ul
RT: 26.96 min Scan# 4075
Delta R.T. -0.01 min
Lab File: BN000345.D
Acq: 13 Mar 2018 12:56

Instrument :
BNA_N
ClientSampleId :
DAMC8

Tgt Ion:278 Resp: 413613

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	25.1	19.2	28.8





#29
Benzo(g,h,i)perylene
Concen: 26.995 ng/ul
RT: 27.76 min Scan# 4211
Delta R.T. 0.01 min
Lab File: BN000345.D
Acq: 13 Mar 2018 12:56

Tgt Ion:276 Resp: 1854336

Ion	Ratio	Lower	Upper
276	100		
138	29.7	15.3	22.9#
277	24.0	19.0	28.4