Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110218\
Data File : BN003399.D
Acq On : 02 Nov 2018 11:19
Operator : MJ/SJ
Sample : J5701-21MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40K4MS

Manual Integrations APPROVED
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Quant Time: Nov 02 22:24:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:13:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	8486	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	35570	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	20774	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	50718	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	49445	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	41191	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	12933	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.25	212	34691	0.24	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthene	14.55	153	18544	0.230	ng/ul	99
11) Pentachlorophenol	16.87	266	1749	0.172	ng/ul	99
12) Phenanthrene	17.27	178	45278	0.272	ng/ul	100
13) Anthracene	17.36	178	5097	0.038	ng/ul	95
15) Fluoranthene	19.29	202	152540	0.816	ng/ul	99
17) Pyrene	19.65	202	172143	0.957	ng/ul	98
18) Benzo(a)anthracene	21.39	228	56410	0.364	ng/ul	98
19) Chrysene	21.45	228	70648	0.401	ng/ul	98
21) Benzo(b)fluoranthene	23.02	252	87899m	0.495	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	31887m	0.185	ng/ul	
23) Benzo(a)pyrene	23.62	252	53042	0.358	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	26.08	276	34375	0.217	ng/ul#	94
25) Dibenzo(a,h)anthracene	26.09	278	8673	0.067	ng/ul#	72
26) Benzo(g,h,i)perylene	26.80	276	26307	0.193	ng/ul	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110218\
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Acq On : 02 Nov 2018 11:19
Operator : MJ/SJ
Sample : J5701-21MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 02 22:24:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:13:48 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A40K4MS

Manual Integrations APPROVED
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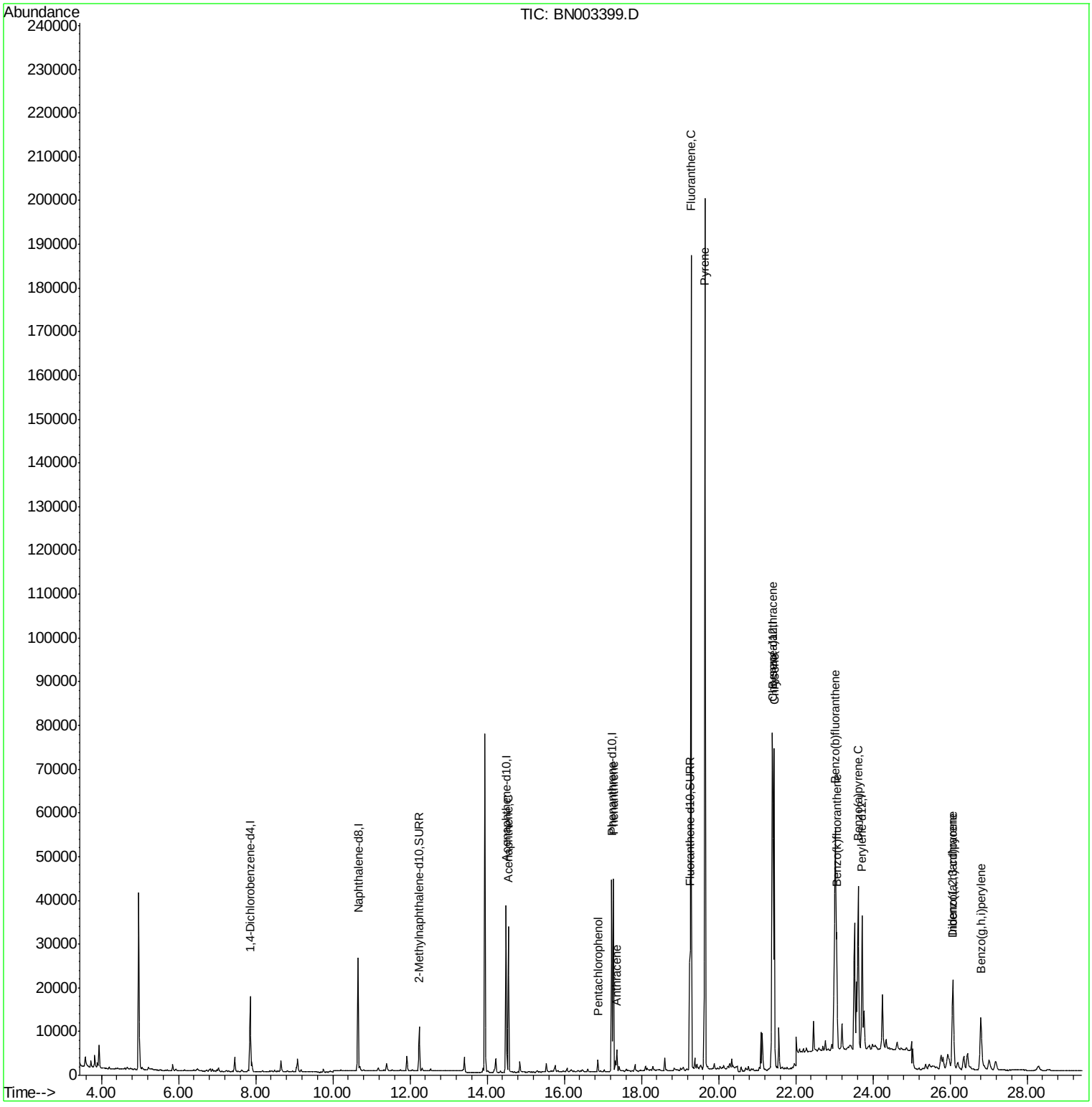
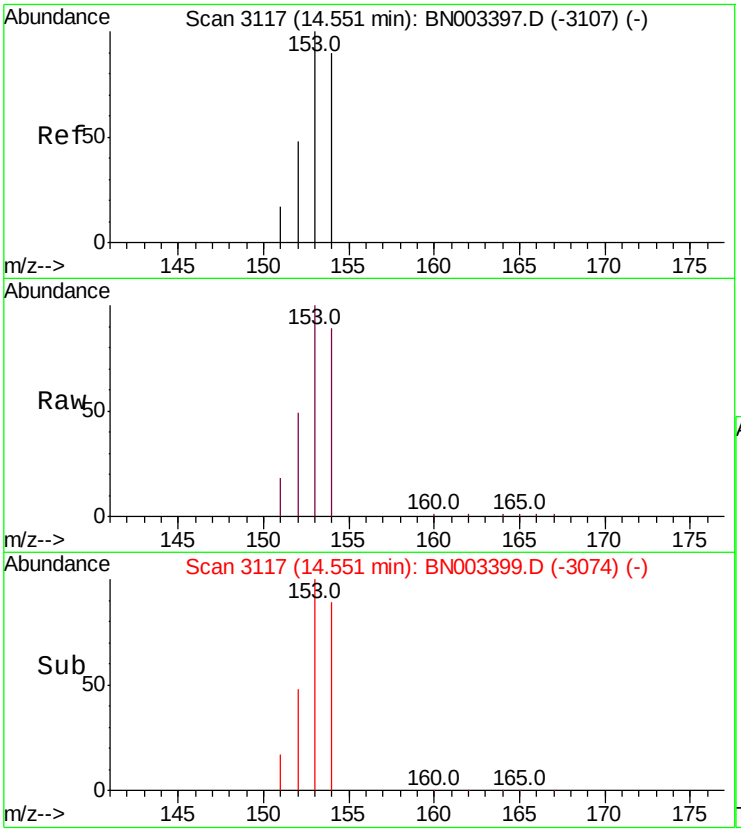
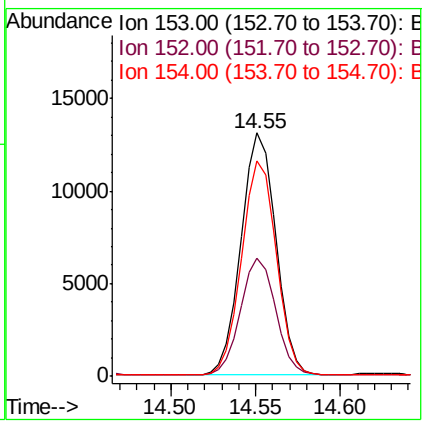




#8
Acenaphthene
Concen: 0.230 ng/ul
RT: 14.55 min Scan# 3117
Delta R.T. 0.00 min
Lab File: BN003399.D
Acq: 02 Nov 2018 11:19

Tgt Ion:153 Resp: 18544

Ion	Ratio	Lower	Upper
153	100		
152	48.6	39.5	59.3
154	88.6	70.3	105.5



Instrument :
BNA_N
ClientSampleId :
A40K4MS

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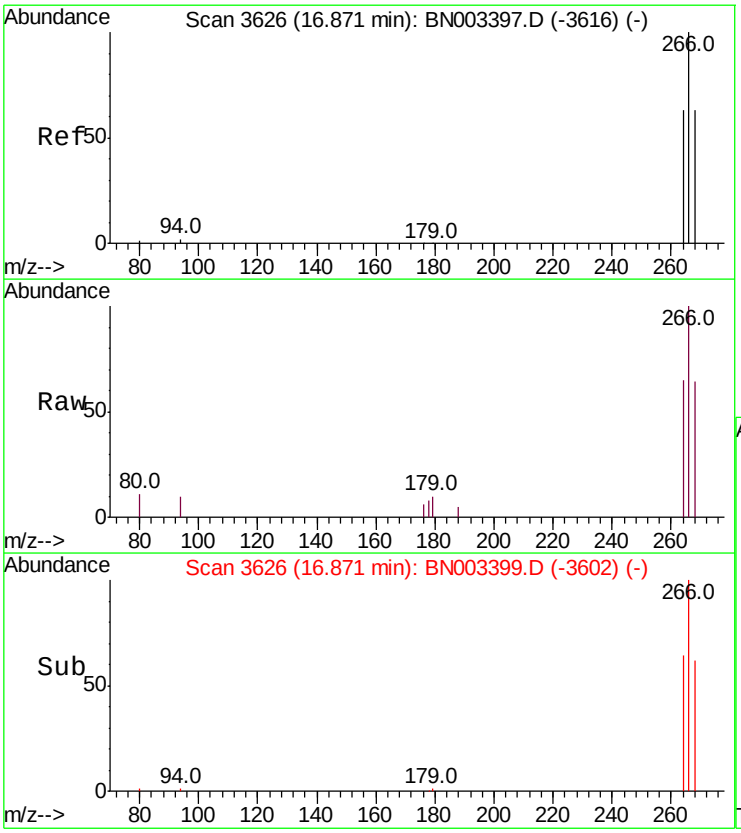
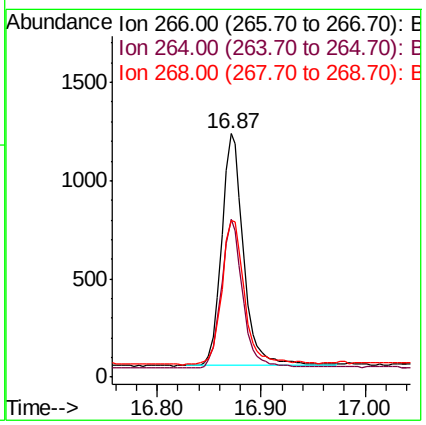
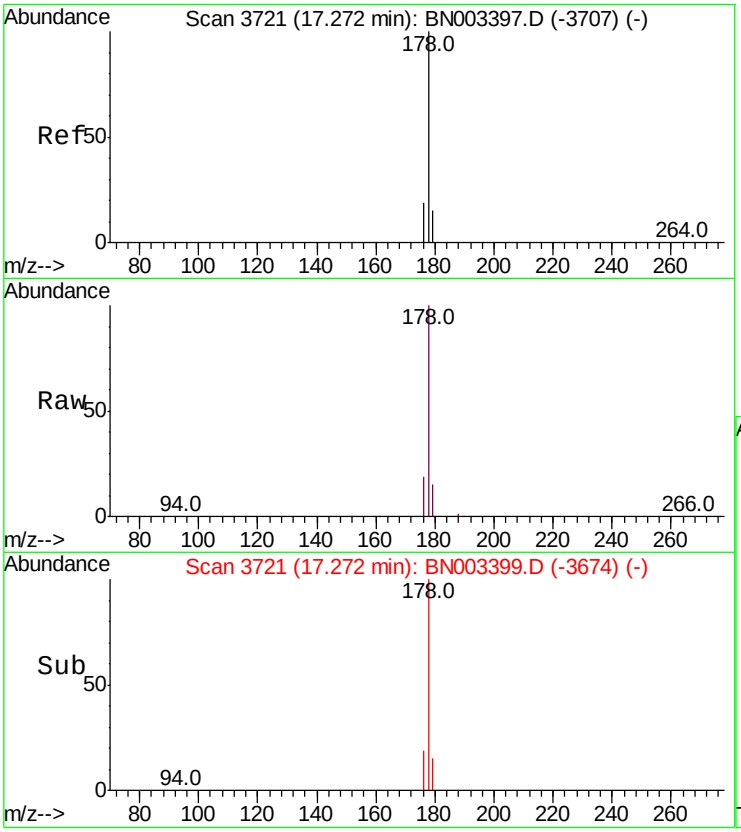


#11
Pentachlorophenol
Concen: 0.172 ng/ul
RT: 16.87 min Scan# 3626
Delta R.T. 0.00 min
Lab File: BN003399.D
Acq: 02 Nov 2018 11:19

Tgt Ion:266 Resp: 1749

Ion	Ratio	Lower	Upper
266	100		
264	63.3	50.2	75.4
268	64.4	50.7	76.1

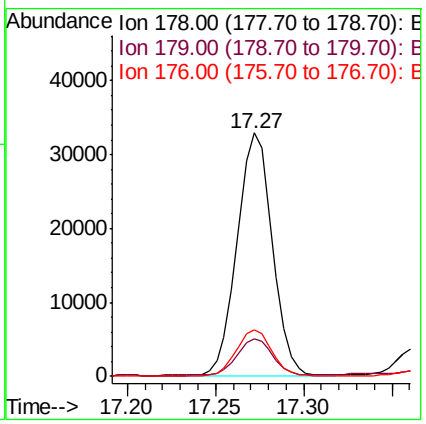




#12
Phenanthrene
Concen: 0.272 ng/ul
RT: 17.27 min Scan# 3721
Delta R.T. 0.00 min
Lab File: BN003399.D
Acq: 02 Nov 2018 11:19

Tgt Ion:178 Resp: 45278

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	18.8	15.0	22.4



Instrument :
BNA_N
ClientSampleId :
A40K4MS

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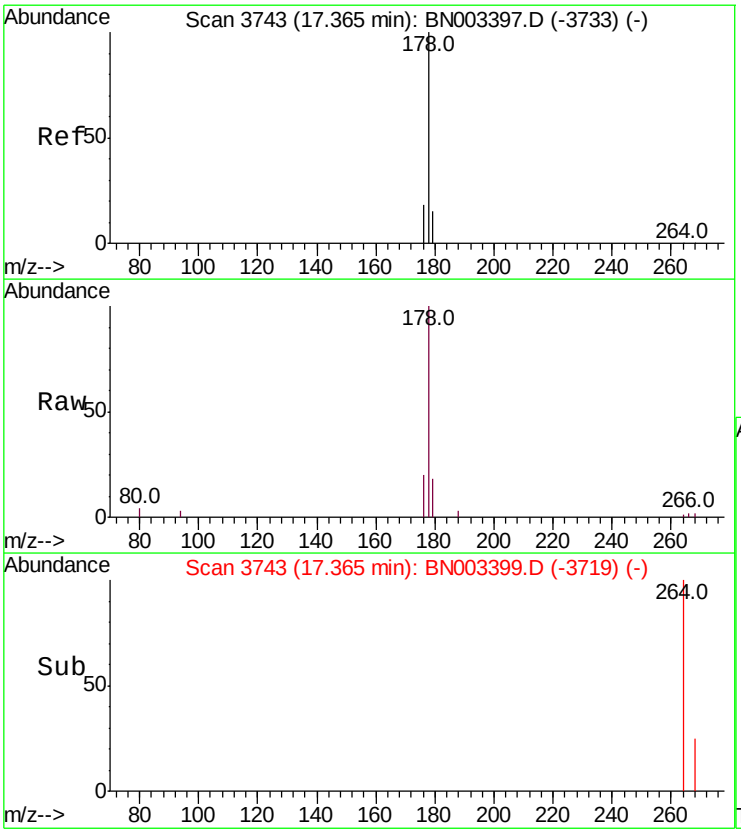
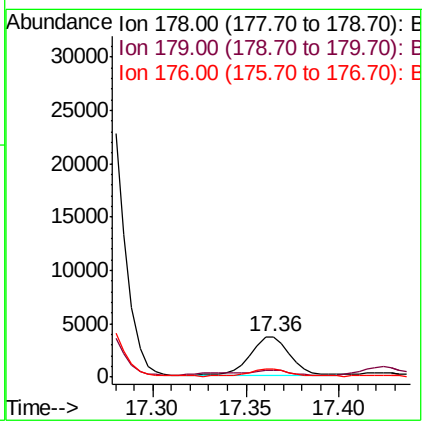
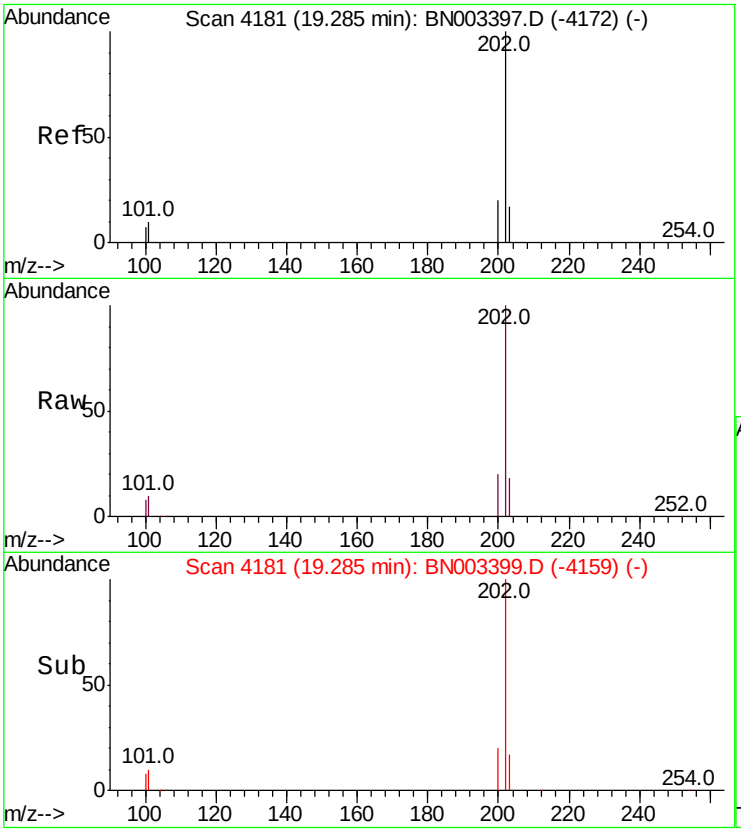


#13
Anthracene
Concen: 0.038 ng/ul
RT: 17.36 min Scan# 3743
Delta R.T. 0.00 min
Lab File: BN003399.D
Acq: 02 Nov 2018 11:19

Tgt Ion:178 Resp: 5097

Ion	Ratio	Lower	Upper
178	100		
179	18.1	12.2	18.2
176	19.8	14.7	22.1

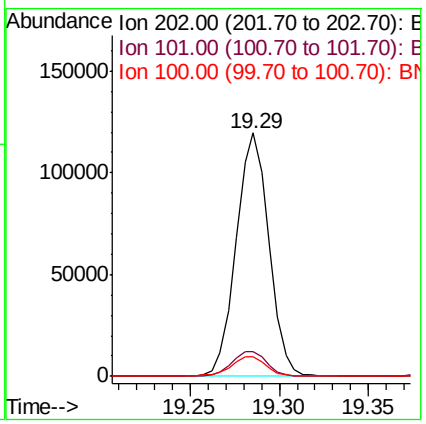




#15
Fluoranthene
Concen: 0.816 ng/ul
RT: 19.29 min Scan# 4181
Delta R.T. 0.00 min
Lab File: BN003399.D
Acq: 02 Nov 2018 11:19

Tgt Ion:202 Resp: 152540

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.7
100	7.8	0.0	28.0



Instrument :
BNA_N
ClientSampleId :
A40K4MS

Manual Integrations APPROVED
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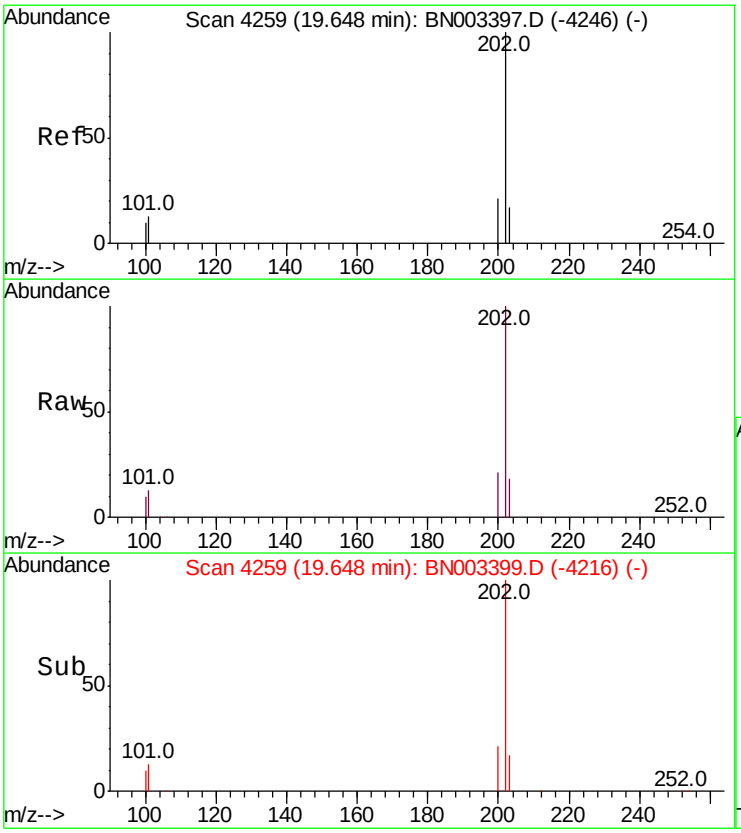
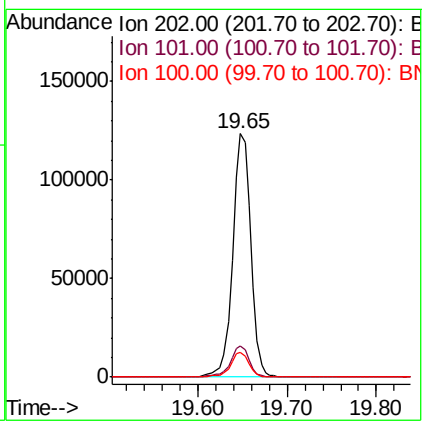
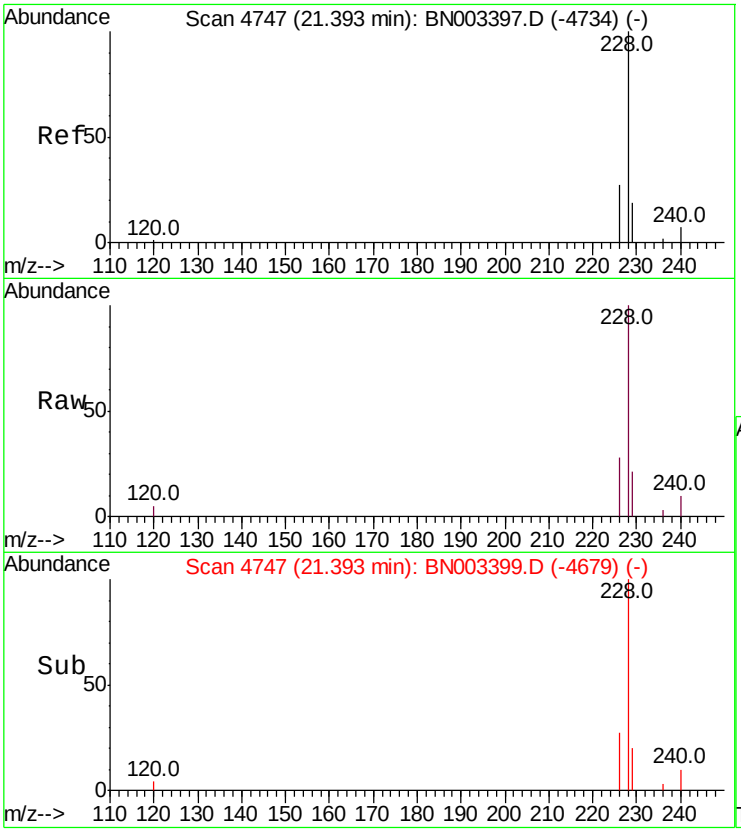


#17
Pyrene
Concen: 0.957 ng/ul
RT: 19.65 min Scan# 4259
Delta R.T. 0.00 min
Lab File: BN003399.D
Acq: 02 Nov 2018 11:19

Tgt Ion:202 Resp: 172143

Ion	Ratio	Lower	Upper
202	100		
101	12.8	9.5	14.3
100	10.3	7.5	11.3

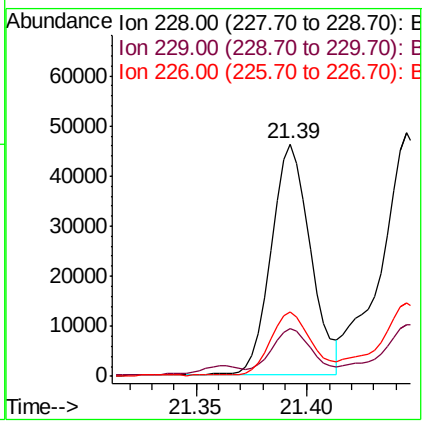




#18
Benzo(a)anthracene
Concen: 0.364 ng/ul
RT: 21.39 min Scan# 4747
Delta R.T. 0.00 min
Lab File: BN003399.D
Acq: 02 Nov 2018 11:19

Tgt Ion:228 Resp: 56410

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.5	23.3
226	27.5	21.5	32.3



Instrument :
BNA_N
ClientSampleId :
A40K4MS

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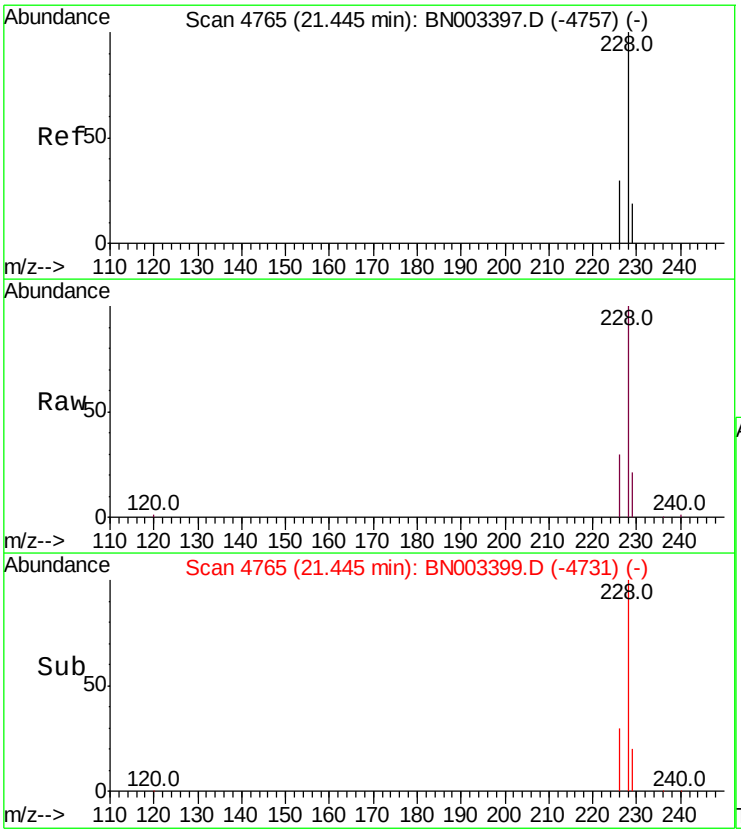
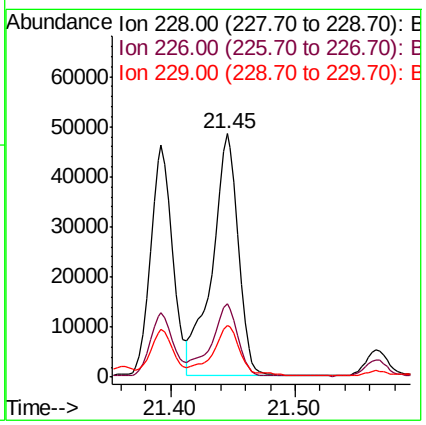
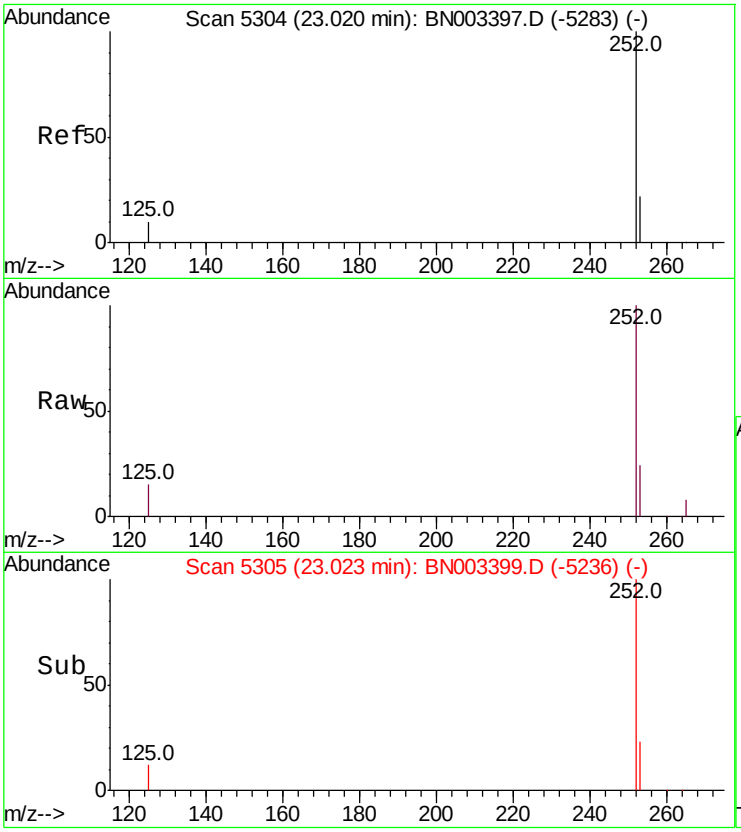


#19
Chrysene
Concen: 0.401 ng/ul
RT: 21.45 min Scan# 4765
Delta R.T. -0.00 min
Lab File: BN003399.D
Acq: 02 Nov 2018 11:19

Tgt Ion:228 Resp: 70648

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.6
229	21.4	15.5	23.3





#21
Benzo(b)fluoranthene
Concen: 0.495 ng/ul m
RT: 23.02 min Scan# 5305
Delta R.T. 0.00 min
Lab File: BN003399.D
Acq: 02 Nov 2018 11:19

Tgt Ion:252 Resp: 87899

Ion	Ratio	Lower	Upper
252	100		
253	24.4	0.0	45.6
125	14.5	0.0	21.8

Instrument :
BNA_N
ClientSampleId :
A40K4MS

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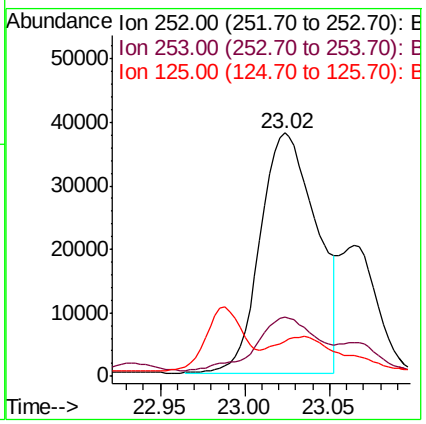
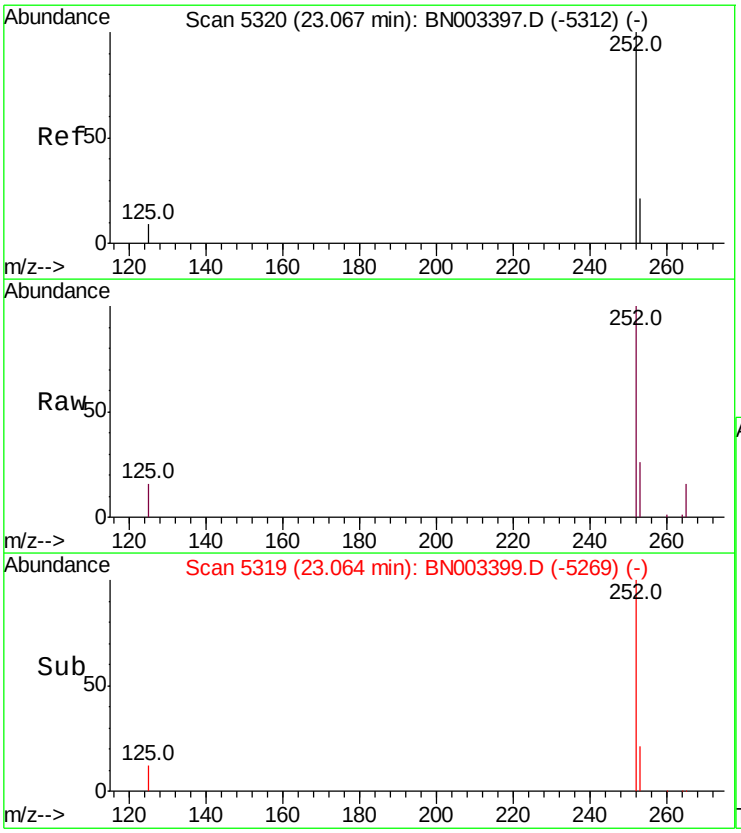
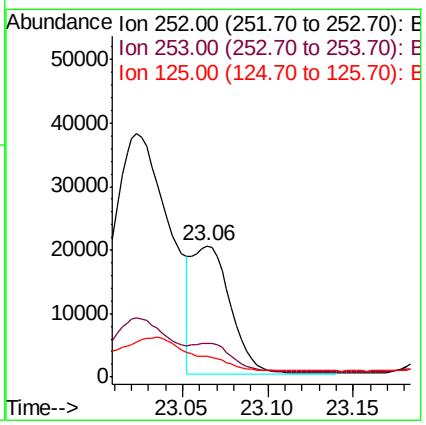


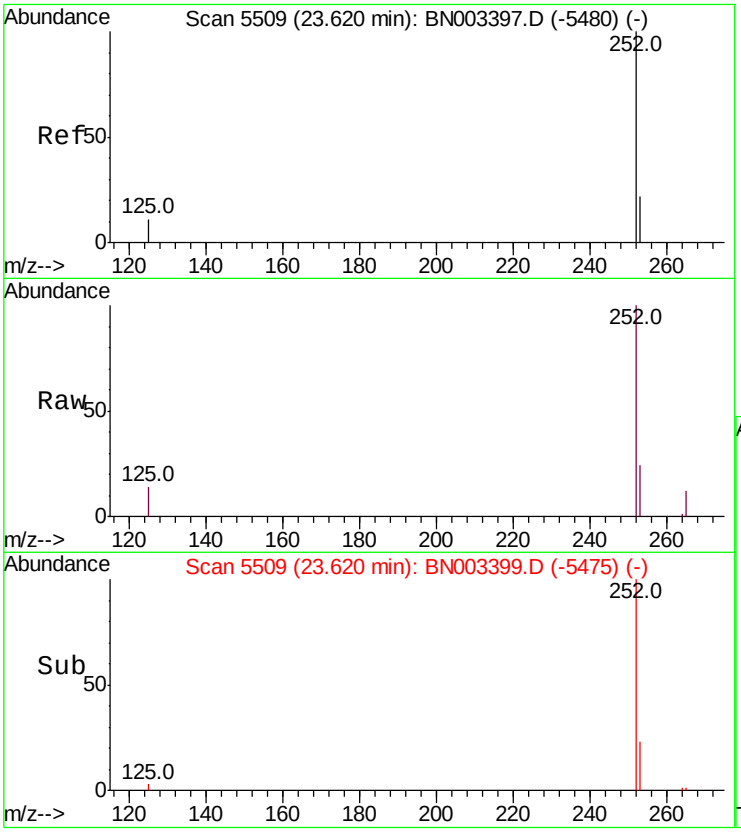


#22
Benzo(k)fluoranthene
Concen: 0.185 ng/ul m
RT: 23.06 min Scan# 5319
Delta R.T. -0.00 min
Lab File: BN003399.D
Acq: 02 Nov 2018 11:19

Tgt Ion:252 Resp: 31887

Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.2	27.4
125	15.7	8.6	13.0#

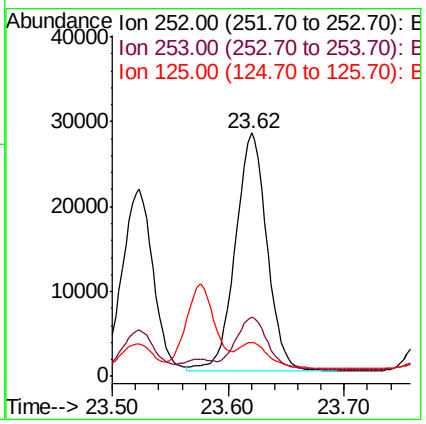




#23
Benzo(a)pyrene
Concen: 0.358 ng/ul
RT: 23.62 min Scan# 5509
Delta R.T. -0.00 min
Lab File: BN003399.D
Acq: 02 Nov 2018 11:19

Tgt Ion:252 Resp: 53042

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.5	27.7
125	14.0	9.9	14.9



Instrument :
BNA_N
ClientSampleId :
A40K4MS

Manual Integrations APPROVED
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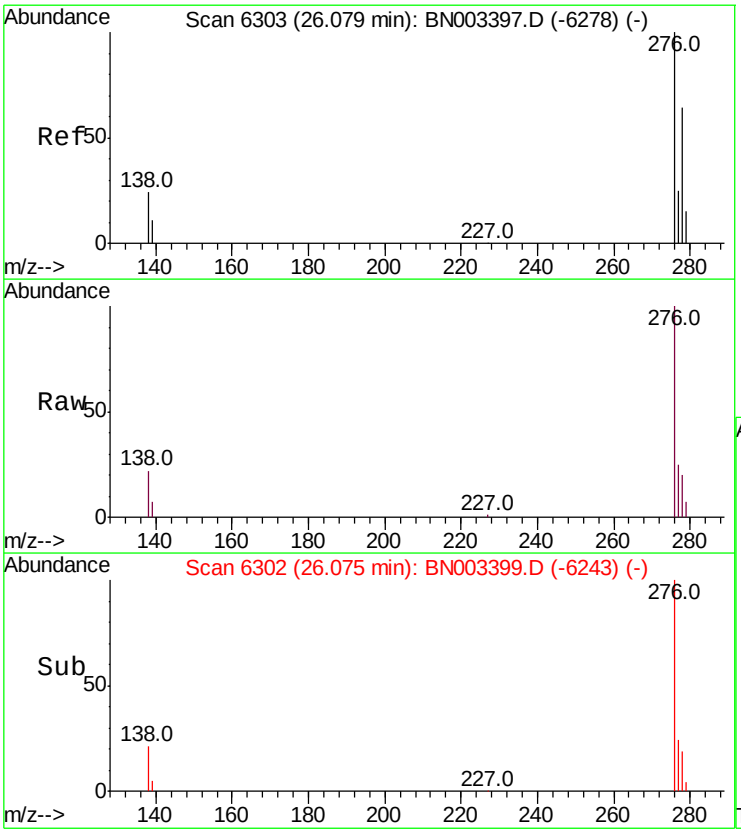
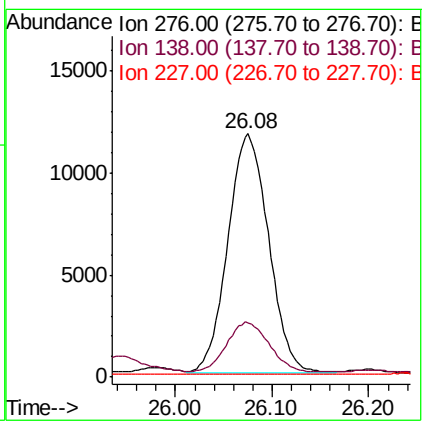
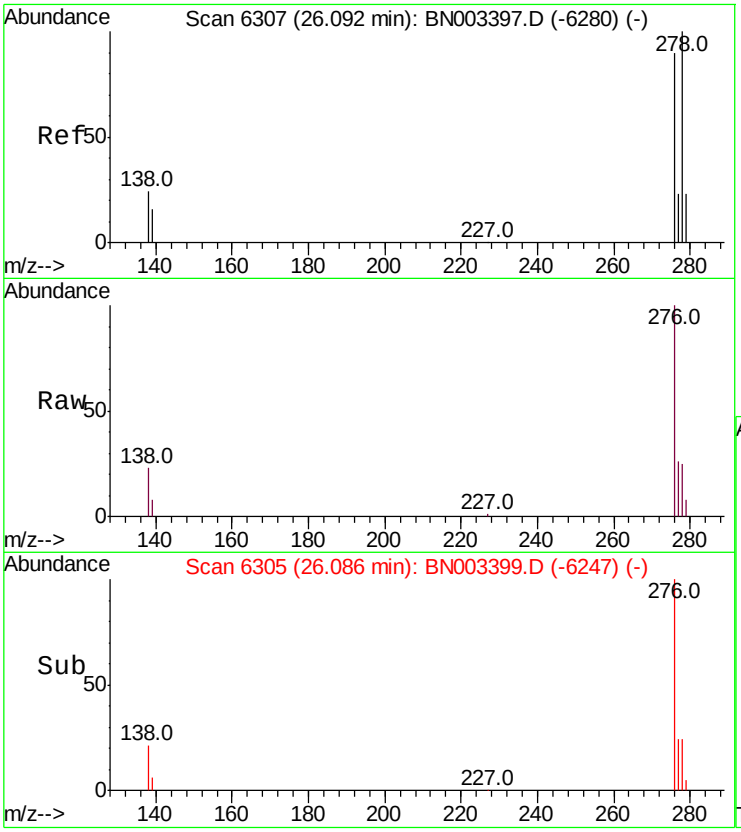


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.217 ng/ul
RT: 26.08 min Scan# 6302
Delta R.T. -0.00 min
Lab File: BN003399.D
Acq: 02 Nov 2018 11:19

Tgt Ion:276 Resp: 34375

Ion	Ratio	Lower	Upper
276	100		
138	21.8	19.8	29.8
227	0.0	0.2	0.2#





#25
Dibenzo(a,h)anthracene
Concen: 0.067 ng/ul
RT: 26.09 min Scan# 6305
Delta R.T. -0.01 min
Lab File: BN003399.D
Acq: 02 Nov 2018 11:19

Tgt Ion:278 Resp: 8673

Ion	Ratio	Lower	Upper
278	100		
139	33.5	13.1	19.7#
279	34.1	19.5	29.3#

Instrument :
BNA_N
ClientSampleId :
A40K4MS

Manual Integrations APPROVED
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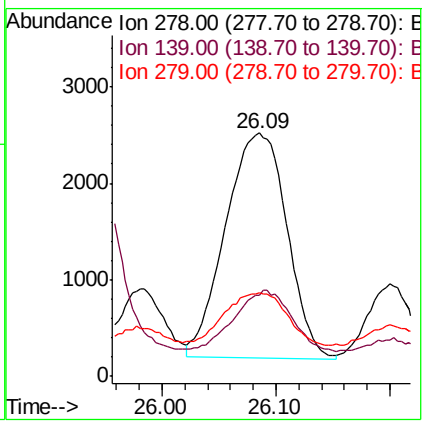

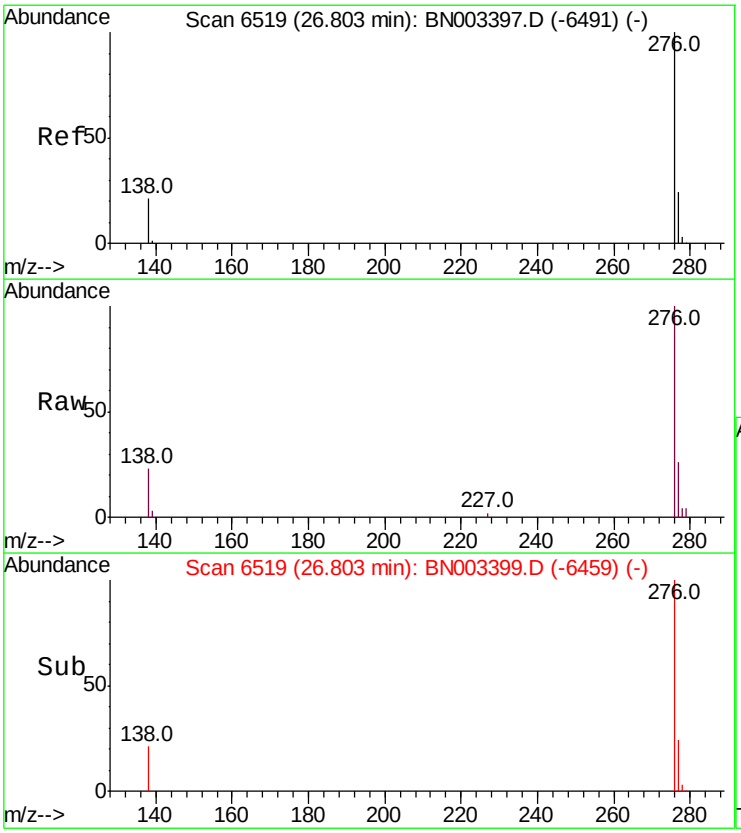

#26
Benzo(g,h,i)perylene
Concen: 0.193 ng/ul
RT: 26.80 min Scan# 6519
Delta R.T. 0.00 min
Lab File: BN003399.D
Acq: 02 Nov 2018 11:19

Tgt Ion:276 Resp: 26307

Ion	Ratio	Lower	Upper
276	100		
138	23.1	17.0	25.6
277	26.3	19.2	28.8