Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
Data File : BN003137.D
Acq On : 12 Oct 2018 11:16
Operator : MJ/SJ
Sample : J5234-12DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AL0DL

Manual Integrations APPROVED
Sohil
10/12/2018 6:38:49 PM

Quant Time: Oct 12 13:47:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 12 07:27:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1706	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	7166	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	4114	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	8770	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	6515	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	5427	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	542	0.05	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	1599	0.06	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.45	128	890	0.048	ng/ul#	78
5) 2-Methylnaphthalene	12.07	142	2437	0.193	ng/ul	97
7) Acenaphthylene	13.98	152	443	0.024	ng/ul#	36
8) Acenaphthene	14.32	153	633	0.044	ng/ul	95
9) Fluorene	15.32	166	3054	0.187	ng/ul#	97
12) Phenanthrene	17.06	178	6254	0.256	ng/ul#	95
13) Anthracene	17.15	178	1714	0.074	ng/ul#	83
15) Fluoranthene	19.09	202	4437	0.155	ng/ul	96
17) Pyrene	19.45	202	5472	0.216	ng/ul	99
18) Benzo(a)anthracene	21.21	228	1764	0.084	ng/ul#	72
19) Chrysene	21.26	228	1766	0.083	ng/ul#	73
21) Benzo(b)fluoranthene	22.78	252	1602m	0.082	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	517m	0.026	ng/ul	
23) Benzo(a)pyrene	23.34	252	1084	0.062	ng/ul#	33
24) Indeno(1,2,3-cd)pyrene	25.67	276	716	0.036	ng/ul#	91
26) Benzo(g,h,i)perylene	26.34	276	634	0.037	ng/ul#	46

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
Data File : BN003137.D
Acq On : 12 Oct 2018 11:16
Operator : MJ/SJ
Sample : J5234-12DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Oct 12 13:47:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 12 07:27:48 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AL0DL

Manual Integrations APPROVED
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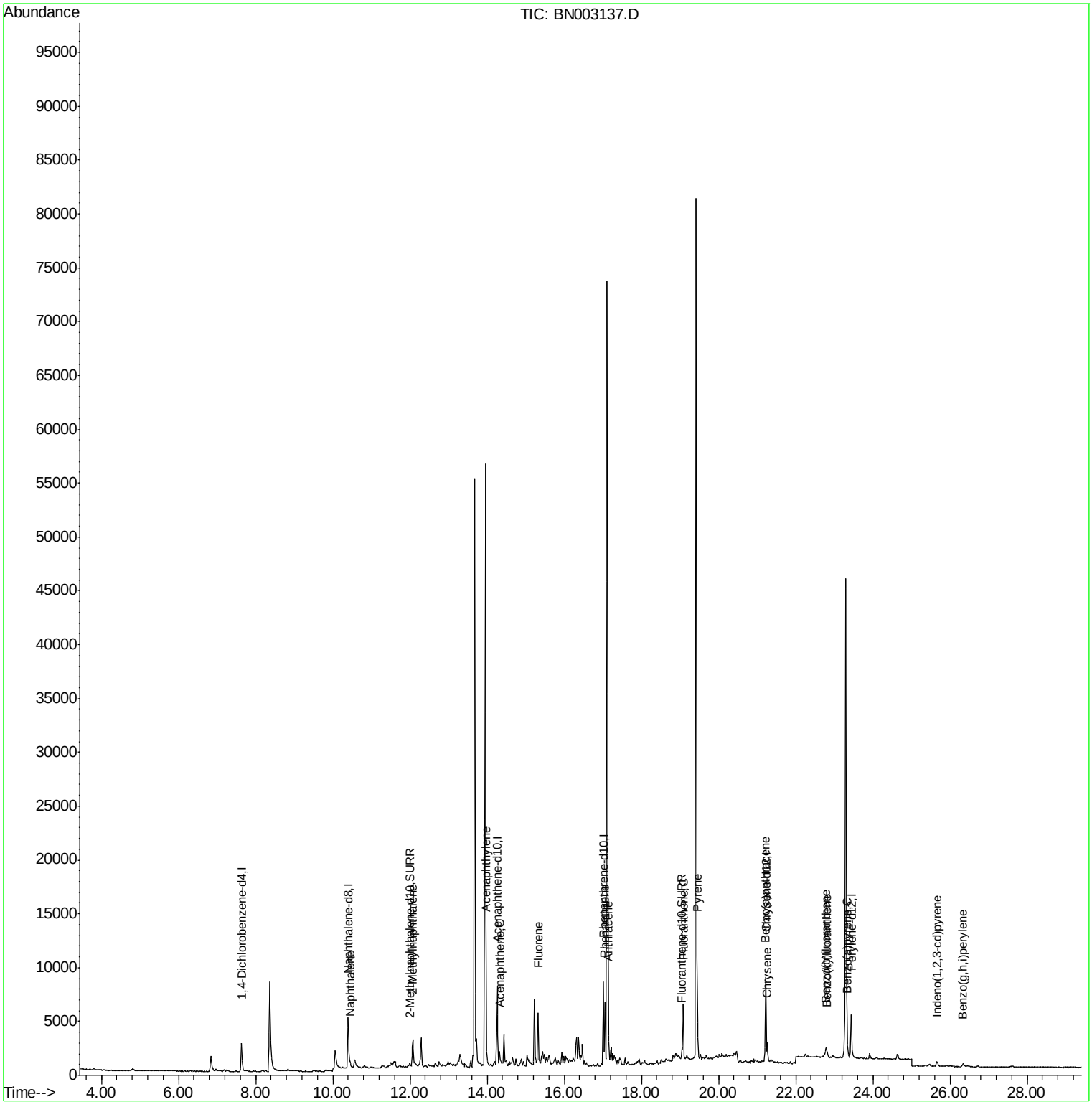

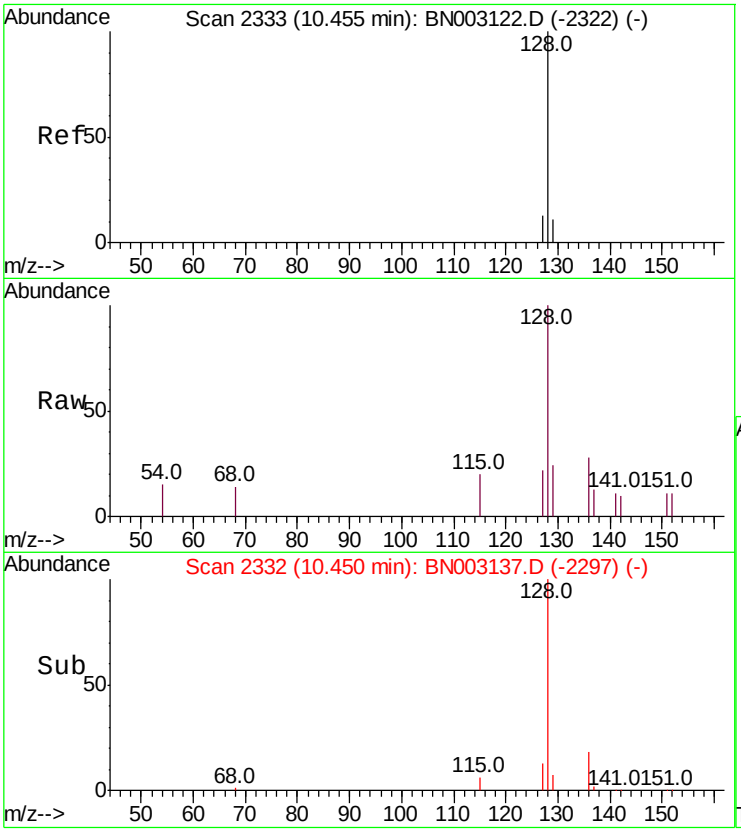

#3
Naphthalene
Concen: 0.048 ng/ul
RT: 10.45 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BN003137.D
Acq: 12 Oct 2018 11:16

Tgt Ion:128 Resp: 890

Ion	Ratio	Lower	Upper
128	100		
129	24.1	10.4	15.6#
127	21.6	11.7	17.5#

Instrument :
BNA_N
ClientSampleId :
C0AL0DL

Manual Integrations APPROVED
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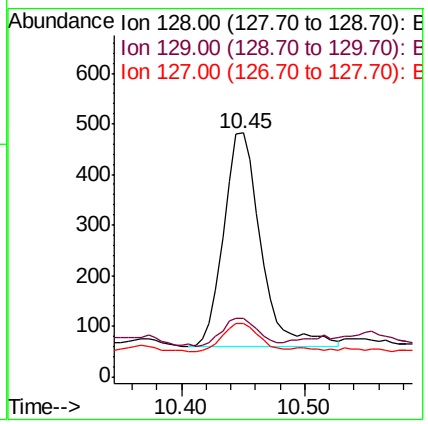
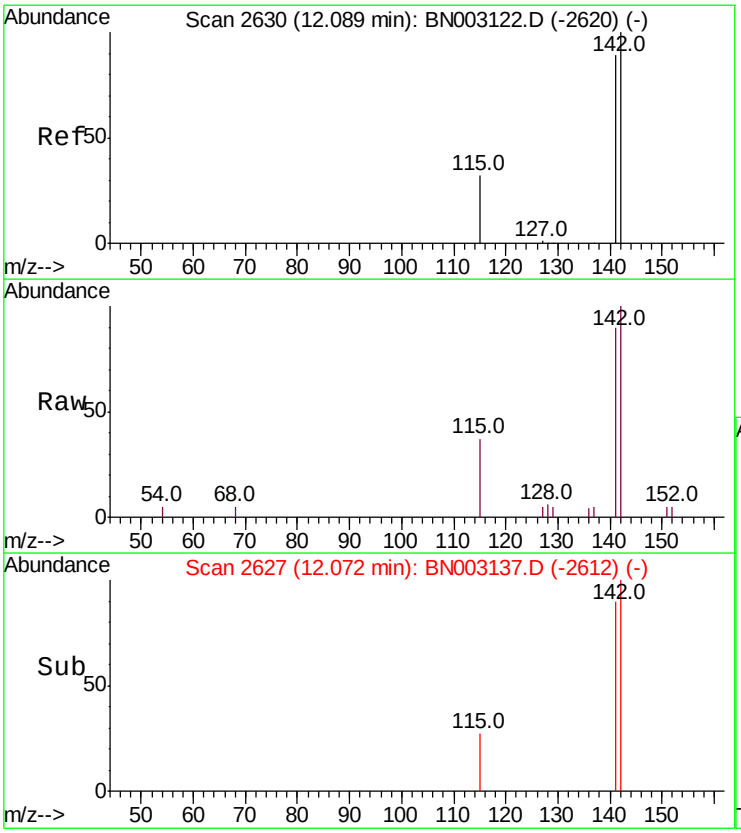
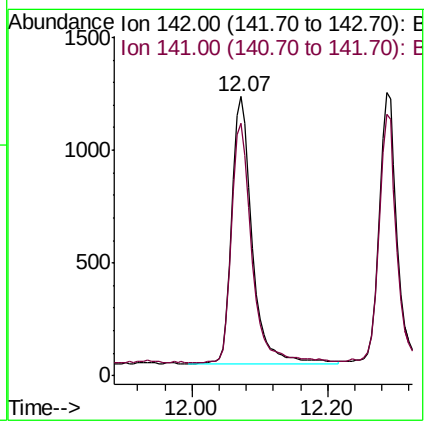


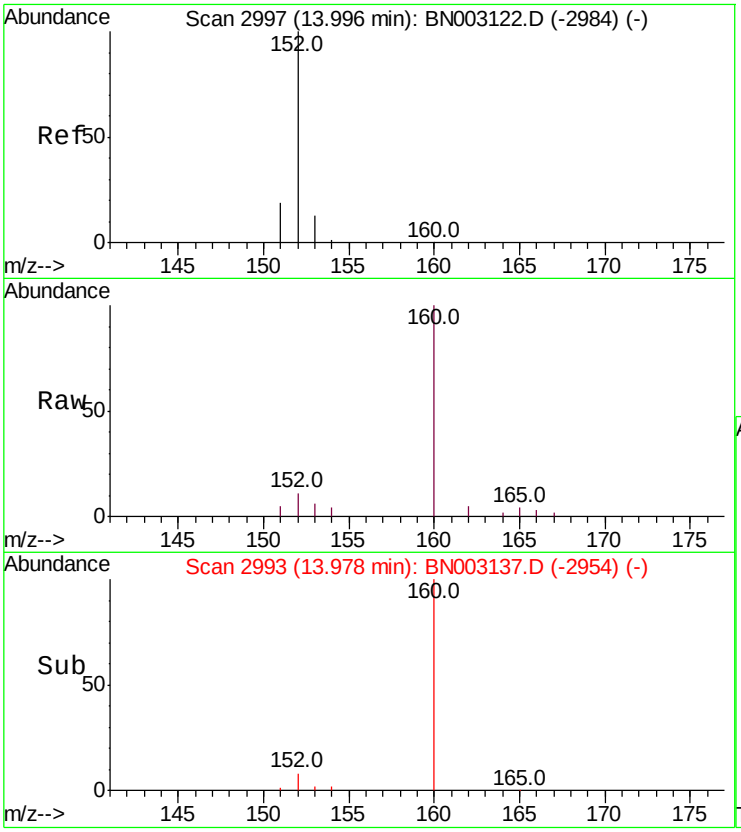


#5
2-Methylnaphthalene
Concen: 0.193 ng/ul
RT: 12.07 min Scan# 2627
Delta R.T. -0.02 min
Lab File: BN003137.D
Acq: 12 Oct 2018 11:16

Tgt Ion:142 Resp: 2437

Ion	Ratio	Lower	Upper
142	100		
141	89.3	73.4	110.0





#7
Acenaphthylene
Concen: 0.024 ng/ul
RT: 13.98 min Scan# 2993
Delta R.T. -0.02 min
Lab File: BN003137.D
Acq: 12 Oct 2018 11:16

Tgt Ion:152 Resp: 443

Ion	Ratio	Lower	Upper
152	100		
151	42.3	16.5	24.7#
153	51.2	11.4	17.2#

Instrument :
BNA_N
ClientSampleId :
C0AL0DL

Manual Integrations APPROVED
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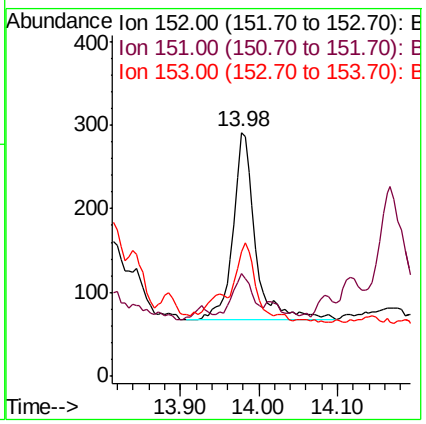
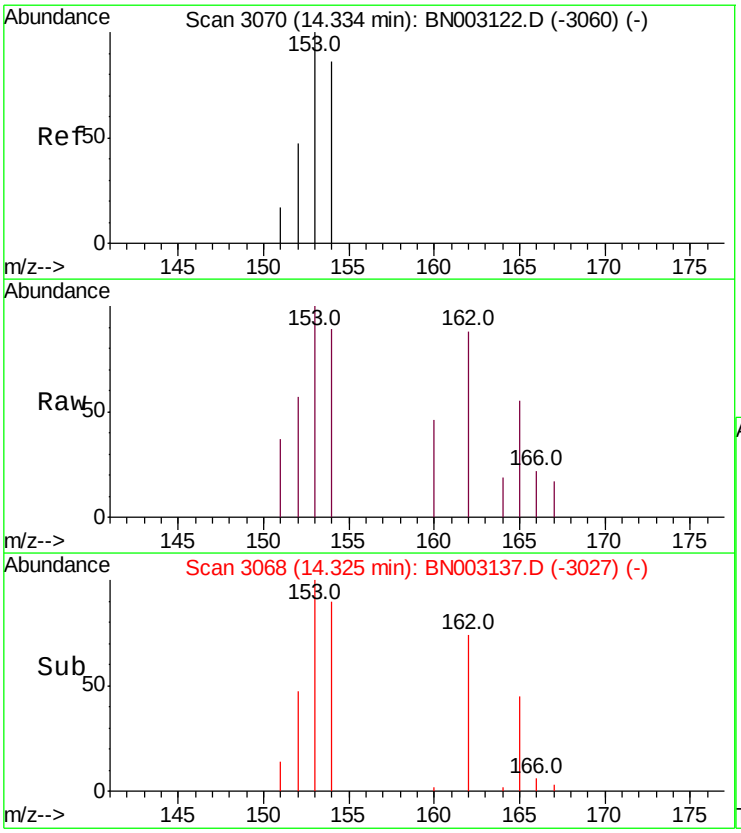
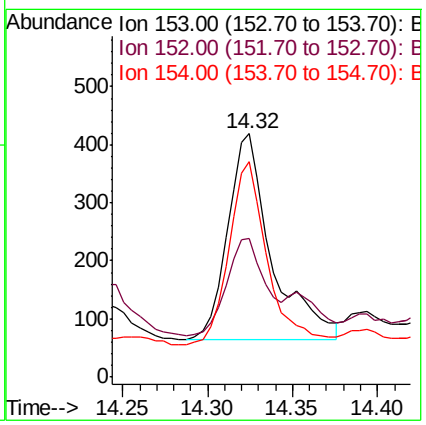


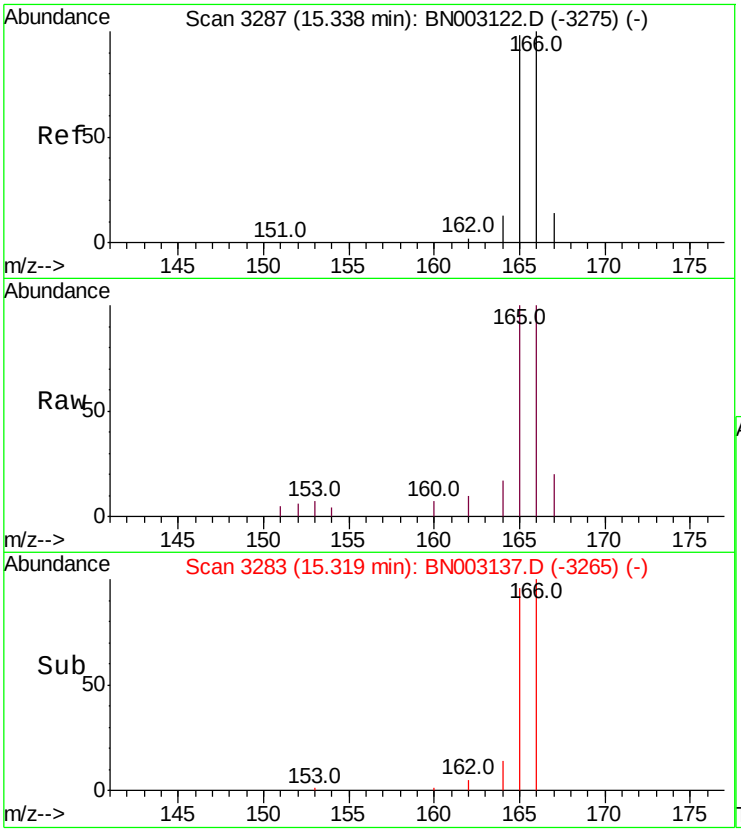


#8
Acenaphthene
Concen: 0.044 ng/ul
RT: 14.32 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BN003137.D
Acq: 12 Oct 2018 11:16

Tgt Ion:153 Resp: 633

Ion	Ratio	Lower	Upper
153	100		
152	57.0	38.2	57.4
154	88.5	70.2	105.2

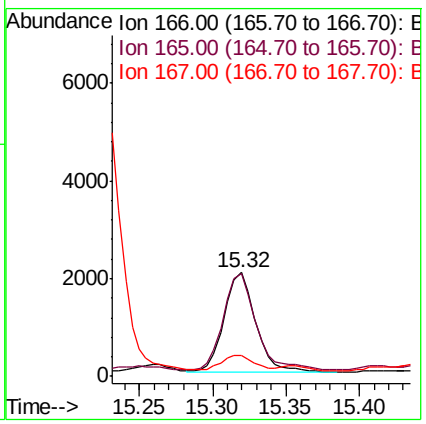




#9
Fluorene
Concen: 0.187 ng/ul
RT: 15.32 min Scan# 3283
Delta R.T. -0.02 min
Lab File: BN003137.D
Acq: 12 Oct 2018 11:16

Tgt Ion:166 Resp: 3054

Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.5	117.7
167	20.1	11.6	17.4#



Instrument :
BNA_N
ClientSampleId :
C0AL0DL

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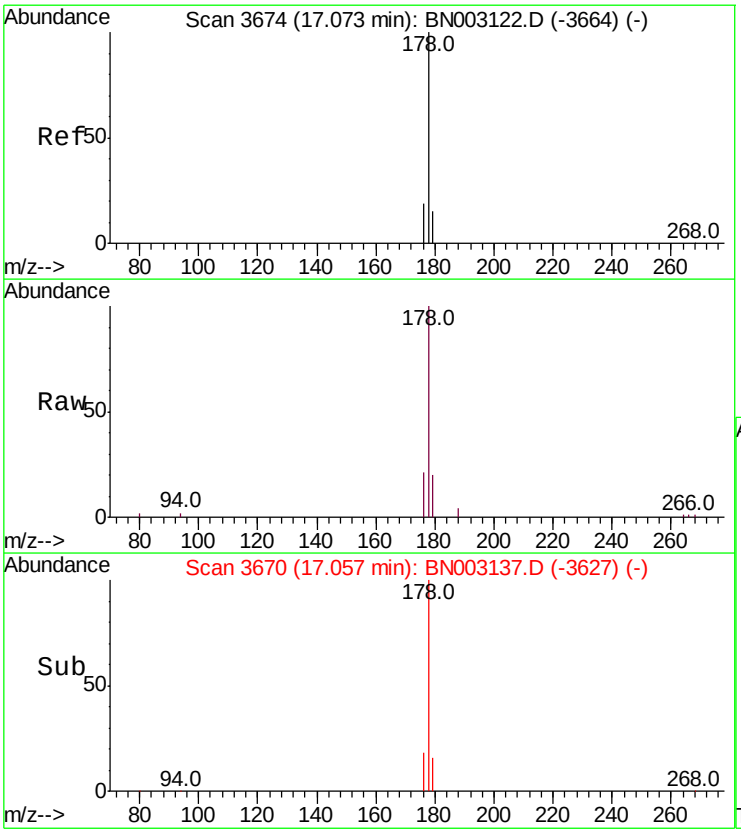
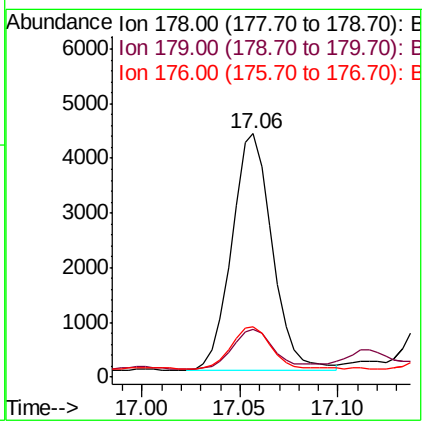
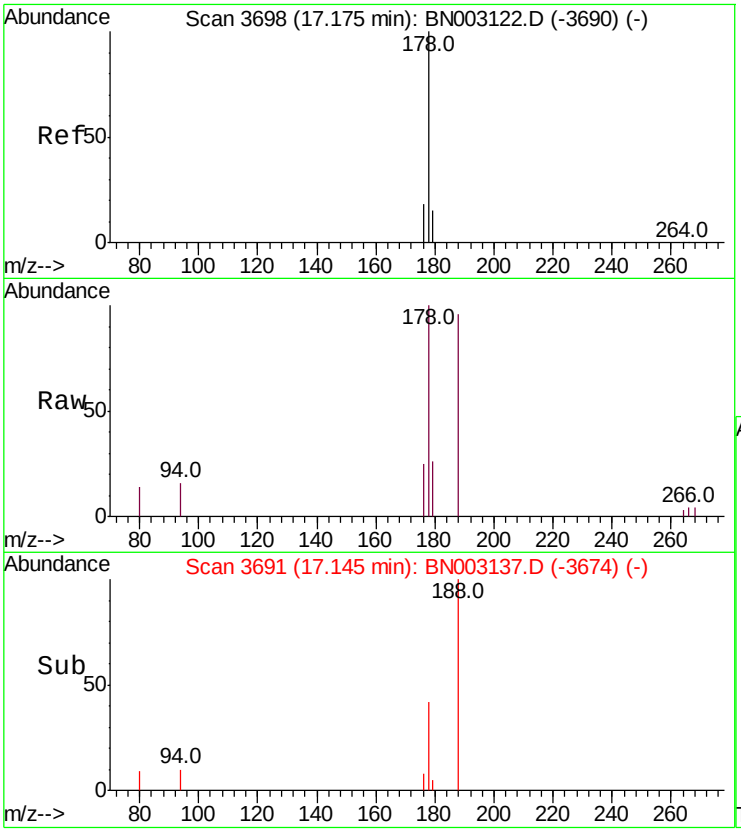


#12
Phenanthrene
Concen: 0.256 ng/ul
RT: 17.06 min Scan# 3670
Delta R.T. -0.02 min
Lab File: BN003137.D
Acq: 12 Oct 2018 11:16

Tgt Ion:178 Resp: 6254

Ion	Ratio	Lower	Upper
178	100		
179	19.6	12.9	19.3#
176	20.6	15.4	23.2





#13
Anthracene
Concen: 0.074 ng/ul
RT: 17.15 min Scan# 3691
Delta R.T. -0.03 min
Lab File: BN003137.D
Acq: 12 Oct 2018 11:16

Tgt Ion:178 Resp: 1714

Ion	Ratio	Lower	Upper
178	100		
179	26.0	13.0	19.6#
176	24.9	15.3	22.9#

Instrument :
BNA_N
ClientSampleId :
C0AL0DL

Manual Integrations APPROVED
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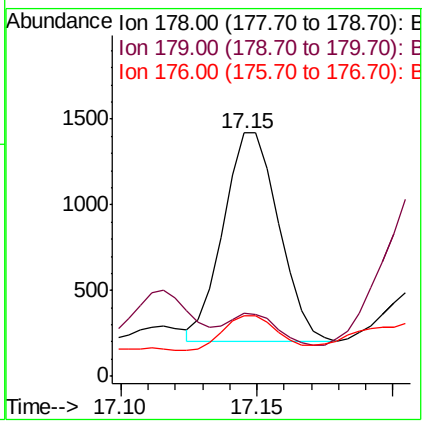
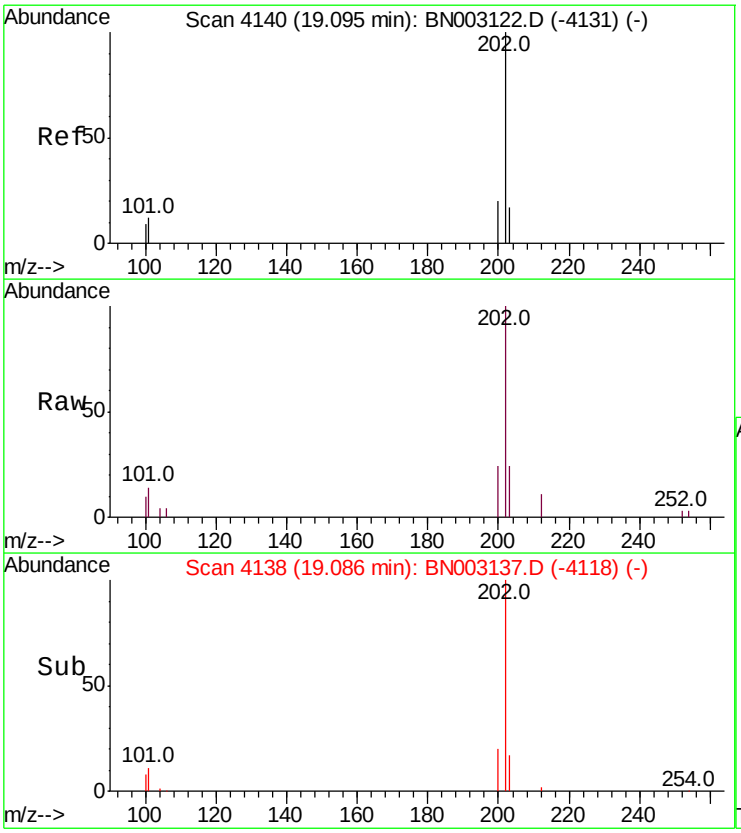
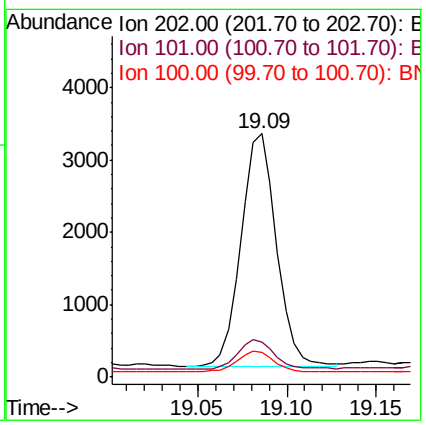


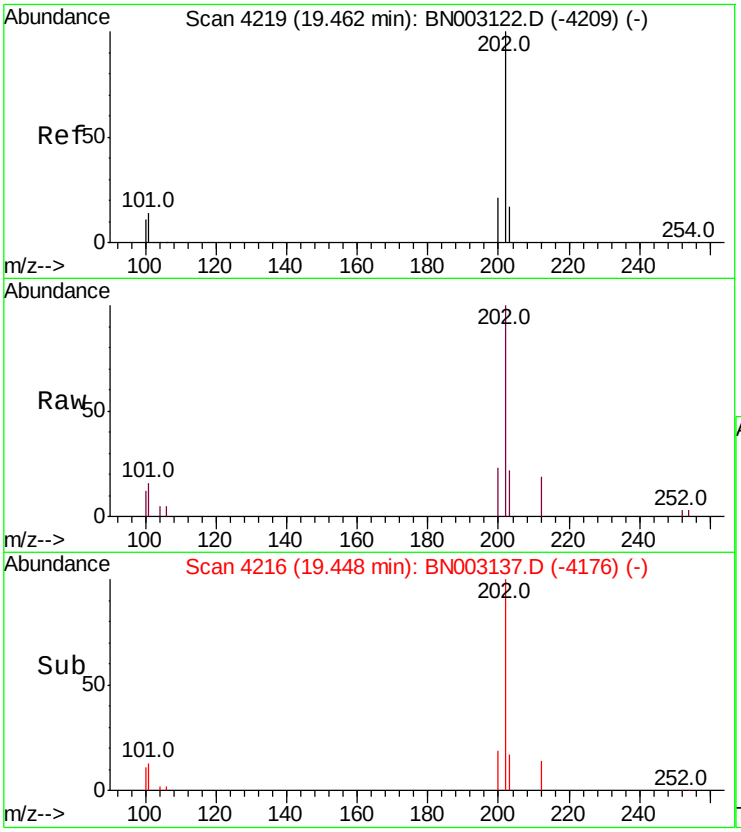


#15
Fluoranthene
Concen: 0.155 ng/ul
RT: 19.09 min Scan# 4138
Delta R.T. -0.01 min
Lab File: BN003137.D
Acq: 12 Oct 2018 11:16

Tgt Ion:202 Resp: 4437

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	32.3
100	10.0	0.0	29.1

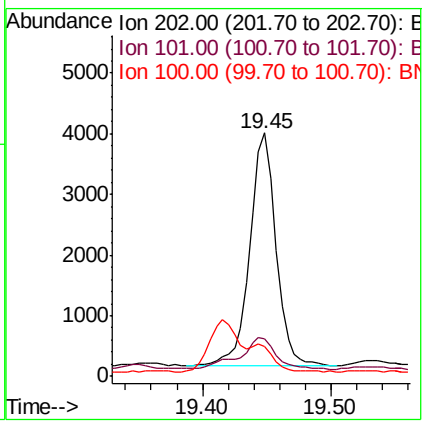




#17
Pyrene
Concen: 0.216 ng/ul
RT: 19.45 min Scan# 4216
Delta R.T. -0.01 min
Lab File: BN003137.D
Acq: 12 Oct 2018 11:16

Tgt Ion:202 Resp: 5472

Ion	Ratio	Lower	Upper
202	100		
101	15.6	11.9	17.9
100	12.4	9.9	14.9



Instrument :
BNA_N
ClientSampleId :
C0AL0DL

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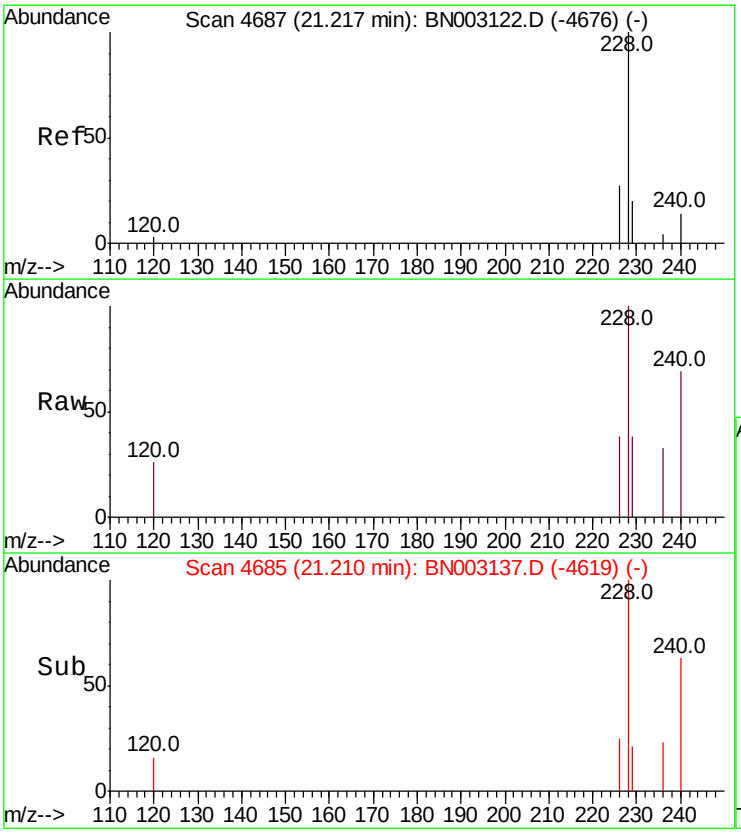
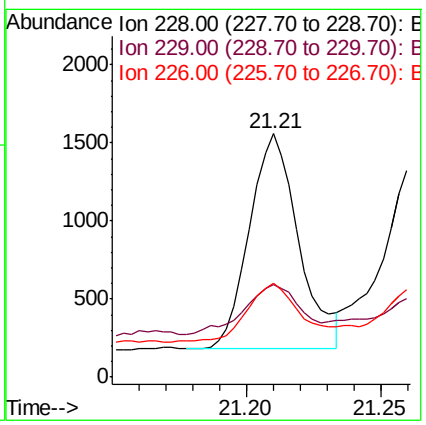
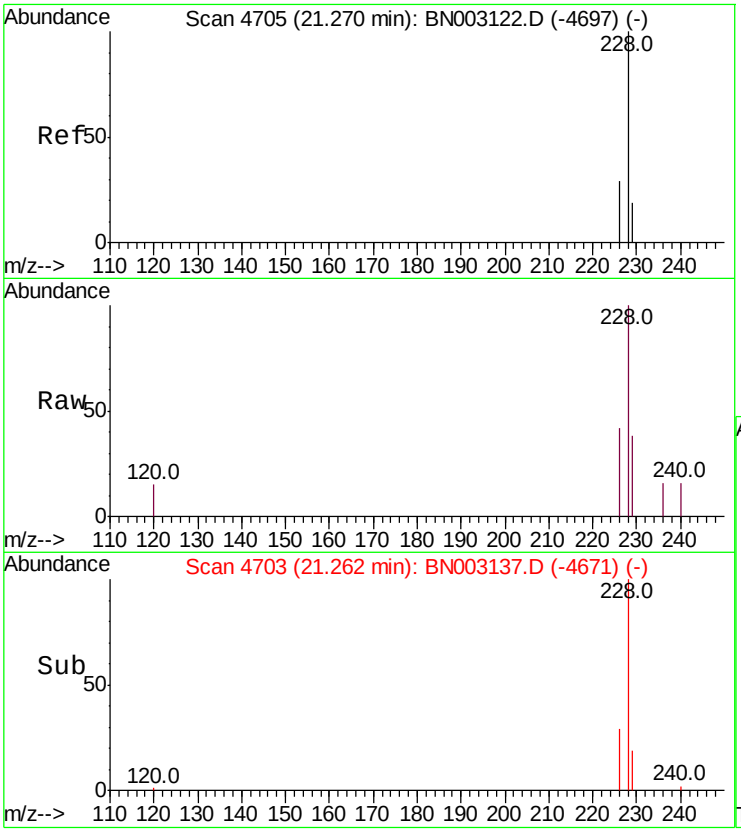


#18
Benzo(a)anthracene
Concen: 0.084 ng/ul
RT: 21.21 min Scan# 4685
Delta R.T. -0.01 min
Lab File: BN003137.D
Acq: 12 Oct 2018 11:16

Tgt Ion:228 Resp: 1764

Ion	Ratio	Lower	Upper
228	100		
229	38.1	16.2	24.2#
226	38.3	22.3	33.5#





#19
Chrysene
Concen: 0.083 ng/ul
RT: 21.26 min Scan# 4703
Delta R.T. -0.01 min
Lab File: BN003137.D
Acq: 12 Oct 2018 11:16

Tgt Ion:228 Resp: 1766

Ion	Ratio	Lower	Upper
228	100		
226	41.7	24.2	36.4#
229	38.0	16.7	25.1#

Instrument :
BNA_N
ClientSampleId :
C0AL0DL

Manual Integrations APPROVED
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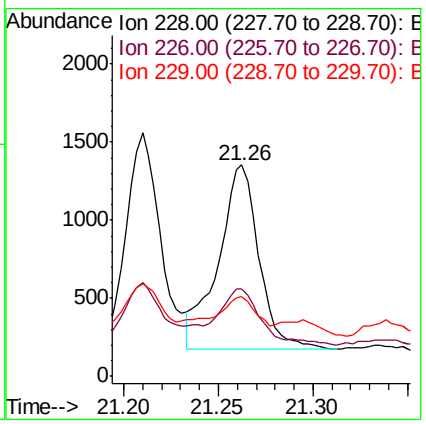
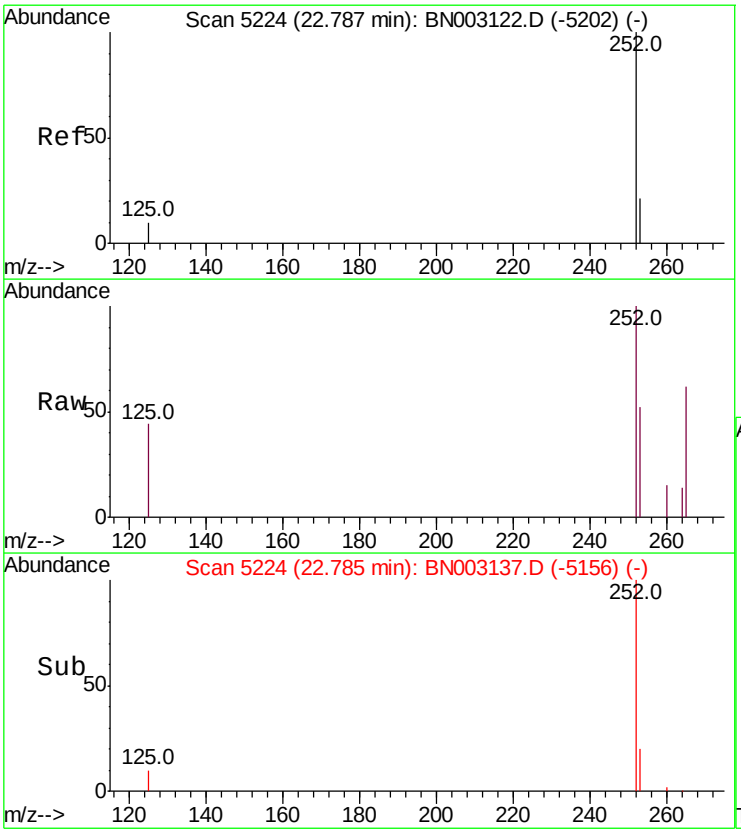
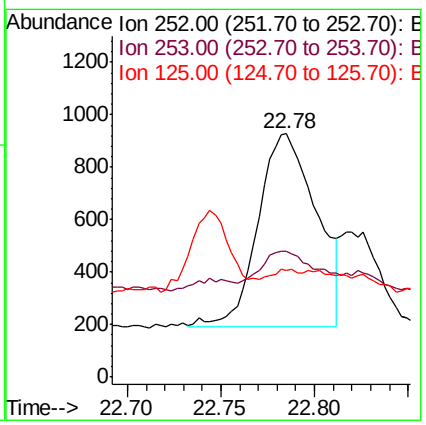


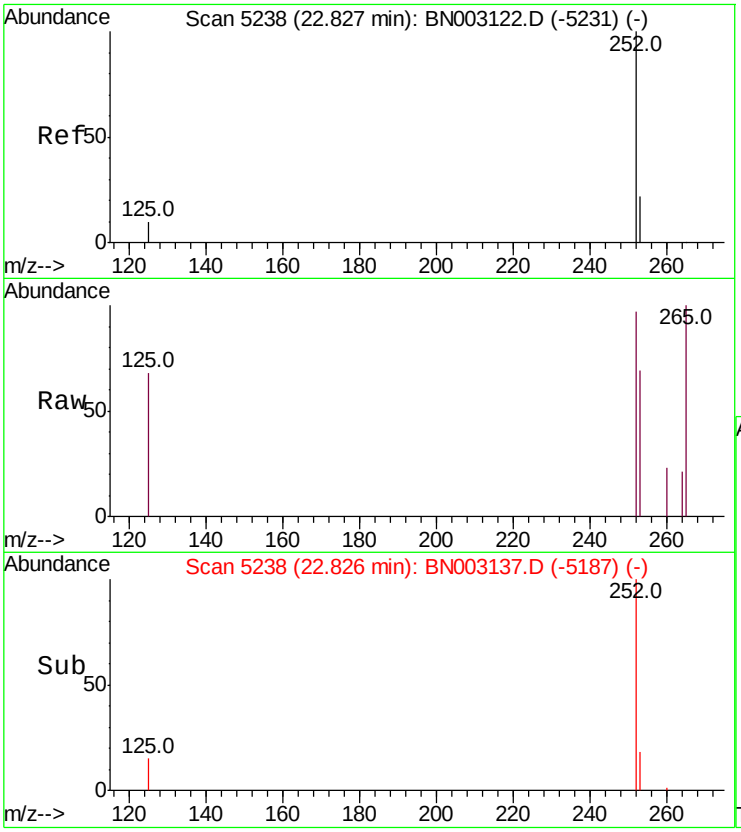


#21
Benzo(b)fluoranthene
Concen: 0.082 ng/ul m
RT: 22.78 min Scan# 5224
Delta R.T. -0.00 min
Lab File: BN003137.D
Acq: 12 Oct 2018 11:16

Tgt Ion:252 Resp: 1602

Ion	Ratio	Lower	Upper
252	100		
253	51.7	0.0	53.2
125	43.5	0.0	34.2#

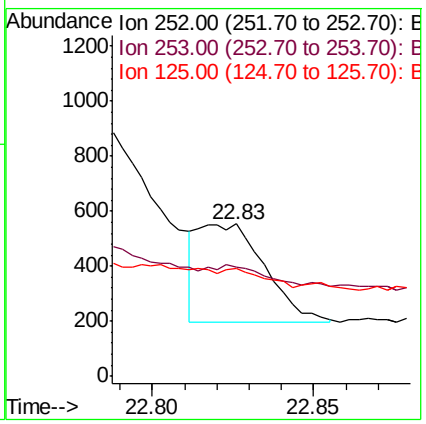




#22
Benzo(k)fluoranthene
Concen: 0.026 ng/ul m
RT: 22.83 min Scan# 5238
Delta R.T. -0.00 min
Lab File: BN003137.D
Acq: 12 Oct 2018 11:16

Tgt Ion:252 Resp: 517

Ion	Ratio	Lower	Upper
252	100		
253	71.5	21.3	31.9#
125	70.6	14.1	21.1#



Instrument :
BNA_N
ClientSampleId :
C0AL0DL

Manual Integrations APPROVED
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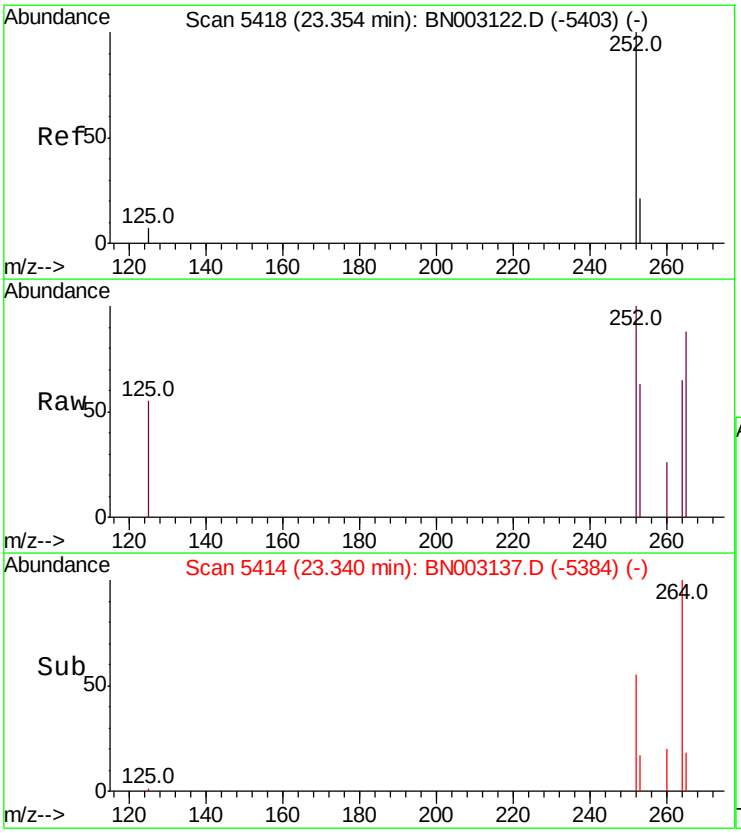
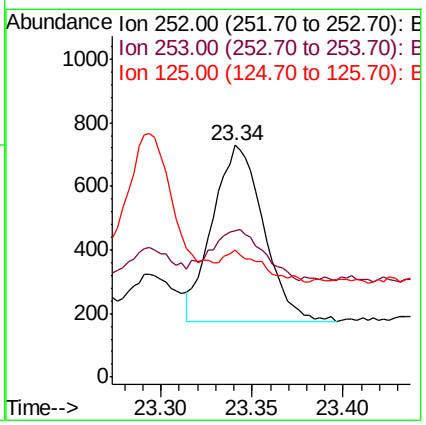
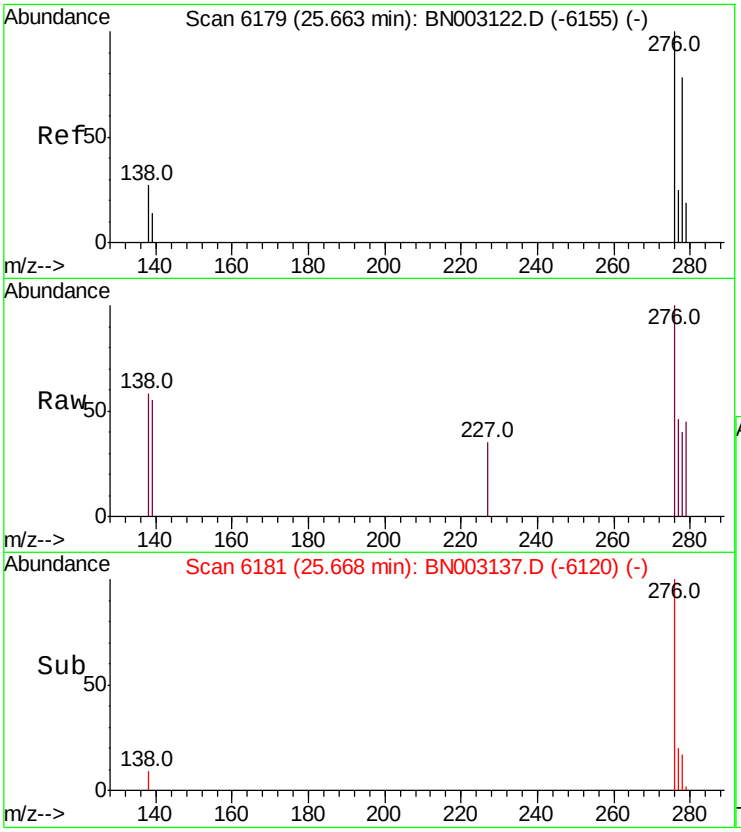


#23
Benzo(a)pyrene
Concen: 0.062 ng/ul
RT: 23.34 min Scan# 5414
Delta R.T. -0.01 min
Lab File: BN003137.D
Acq: 12 Oct 2018 11:16

Tgt Ion:252 Resp: 1084

Ion	Ratio	Lower	Upper
252	100		
253	63.2	23.1	34.7#
125	54.6	16.9	25.3#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.036 ng/ul
RT: 25.67 min Scan# 6181
Delta R.T. 0.01 min
Lab File: BN003137.D
Acq: 12 Oct 2018 11:16

Tgt Ion:276 Resp: 716

Ion	Ratio	Lower	Upper
276	100		
138	22.2	21.5	32.3
227	0.6	0.3	0.5#

Instrument :
BNA_N
ClientSampleId :
C0AL0DL

Manual Integrations APPROVED
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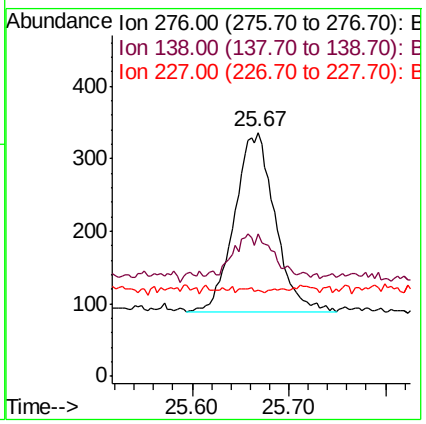

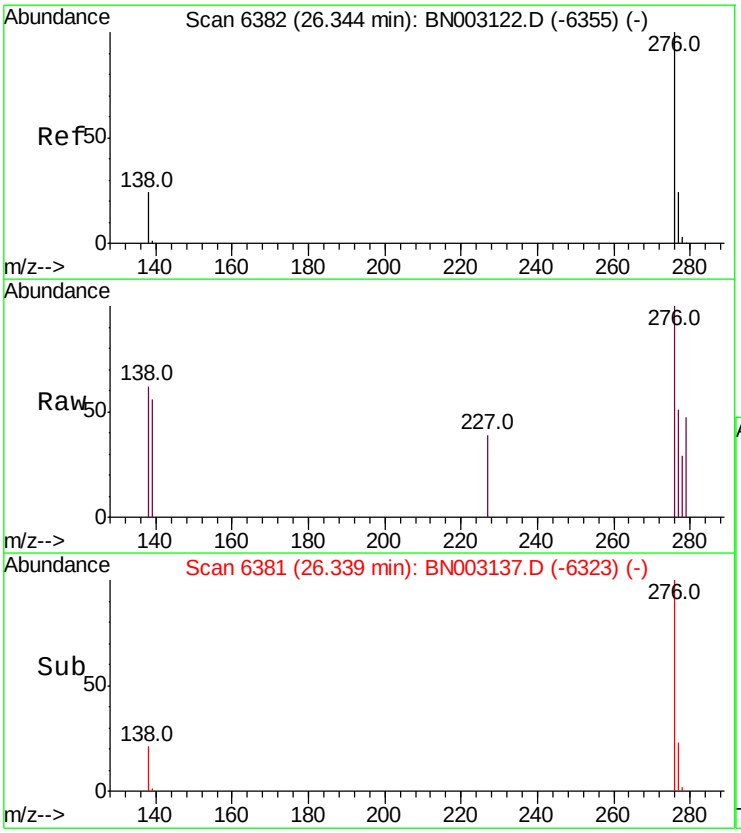

#26
Benzo(g,h,i)perylene
Concen: 0.037 ng/ul
RT: 26.34 min Scan# 6381
Delta R.T. -0.00 min
Lab File: BN003137.D
Acq: 12 Oct 2018 11:16

Tgt Ion:276 Resp: 634

Ion	Ratio	Lower	Upper
276	100		
138	62.1	23.0	34.4#
277	50.9	22.0	33.0#