Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121818\
Data File : BN004097.D
Acq On : 19 Dec 2018 03:14
Operator : JU/SJ
Sample : J6271-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9E33

Manual Integrations APPROVED
Sohil
12/19/2018 4:16:54 PM

Quant Time: Dec 19 04:57:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 04:08:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1981	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	9636	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5789	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	14459m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	15092m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	13637m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2840	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	8773m	0.21	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.19	152	544	0.021	ng/ul#	67
12) Phenanthrene	17.25	178	1718m	0.036	ng/ul	
15) Fluoranthene	19.27	202	2696m	0.048	ng/ul	
17) Pyrene	19.64	202	2942	0.054	ng/ul#	90
18) Benzo(a)anthracene	21.38	228	1937	0.041	ng/ul#	85
19) Chrysene	21.43	228	2637	0.048	ng/ul#	88
21) Benzo(b)fluoranthene	23.02	252	3313m	0.059	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	1125m	0.020	ng/ul	
23) Benzo(a)pyrene	23.62	252	1814	0.037	ng/ul#	46
24) Indeno(1,2,3-cd)pyrene	26.08	276	1596	0.028	ng/ul#	95
26) Benzo(g,h,i)perylene	26.81	276	1419	0.029	ng/ul#	54

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

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Instrument :
BNA_N
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F9E33

Manual Integrations APPROVED
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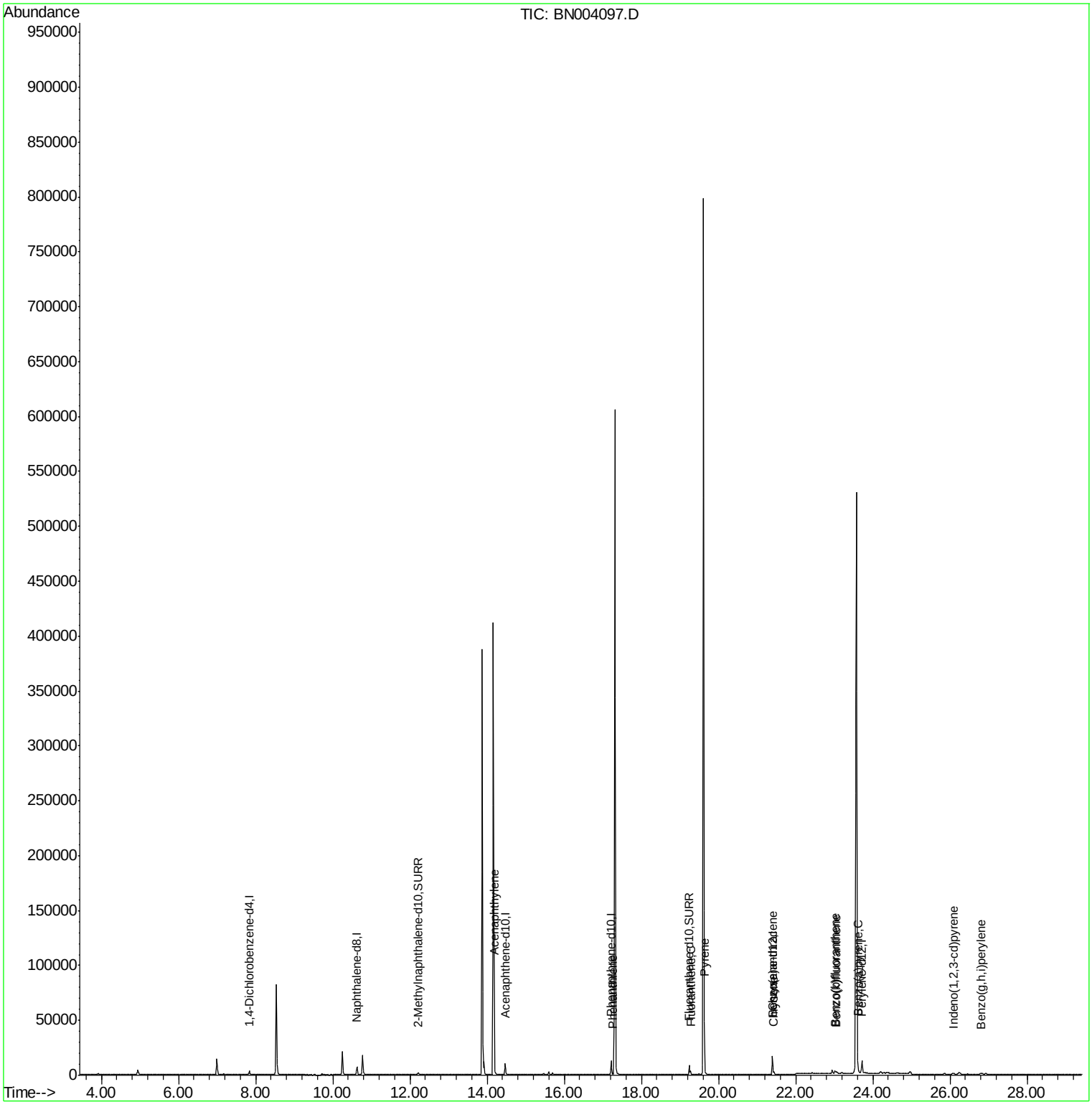
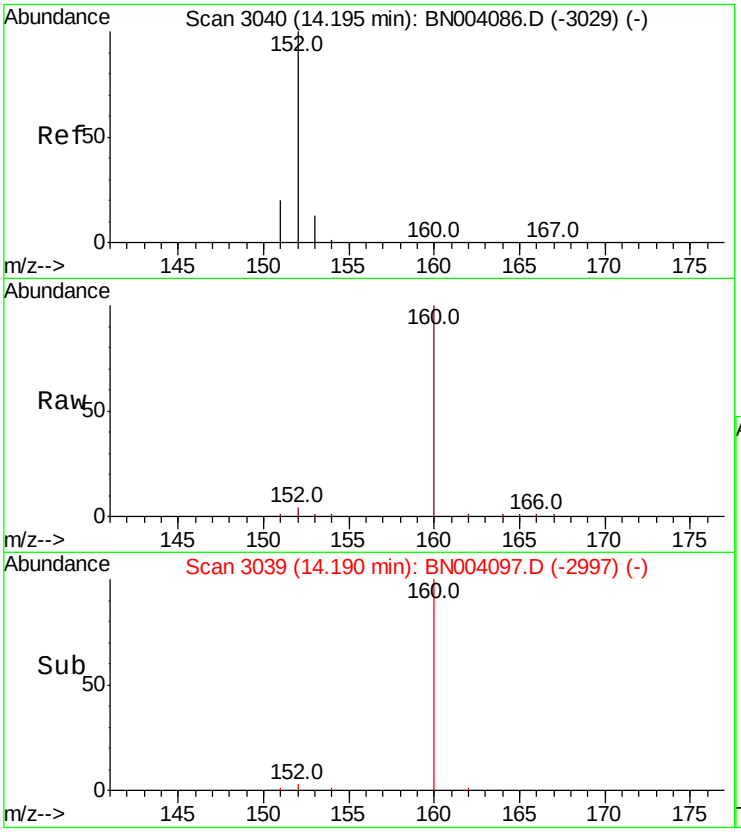
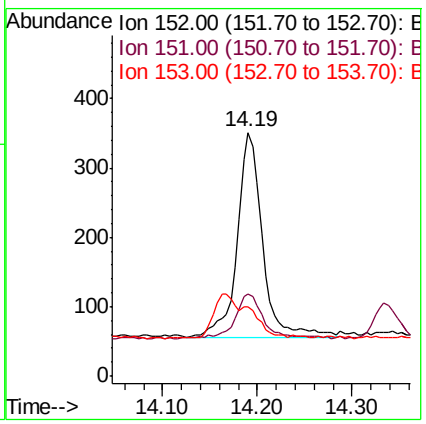




#7
Acenaphthylene
Concen: 0.021 ng/ul
RT: 14.19 min Scan# 3039
Delta R.T. -0.00 min
Lab File: BN004097.D
Acq: 19 Dec 2018 03:14

Tgt Ion:152 Resp: 544

Ion	Ratio	Lower	Upper
152	100		
151	33.9	15.9	23.9#
153	28.2	10.7	16.1#



Instrument :
BNA_N
ClientSampleId :
F9E33

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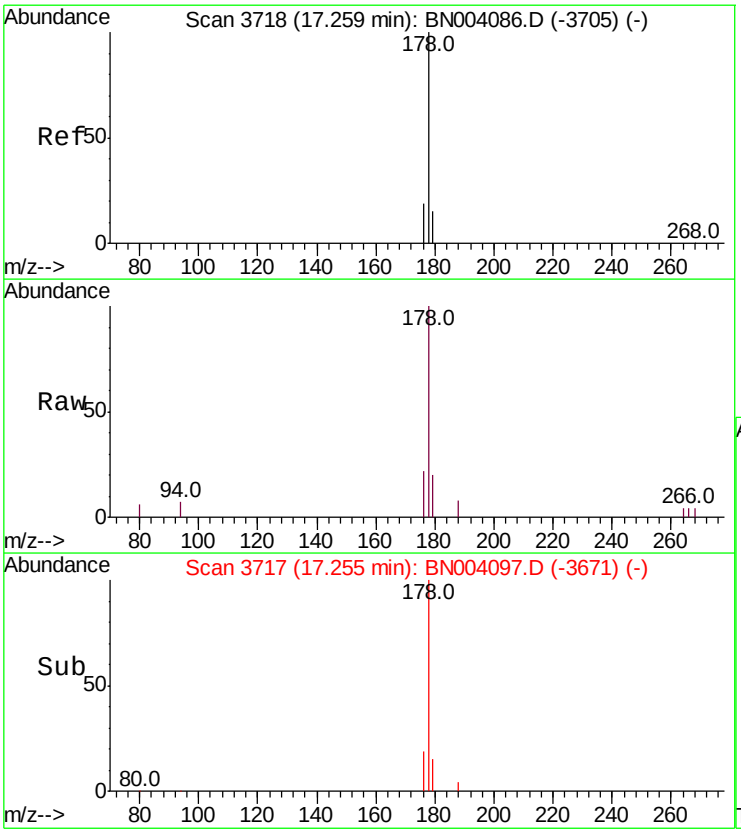
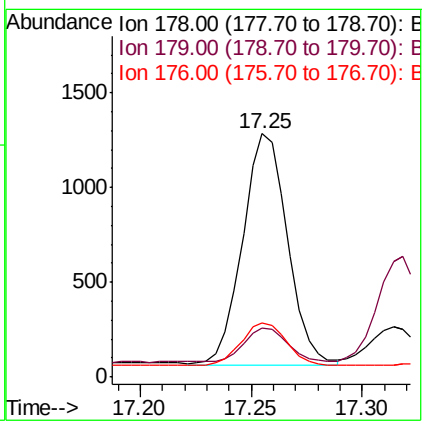
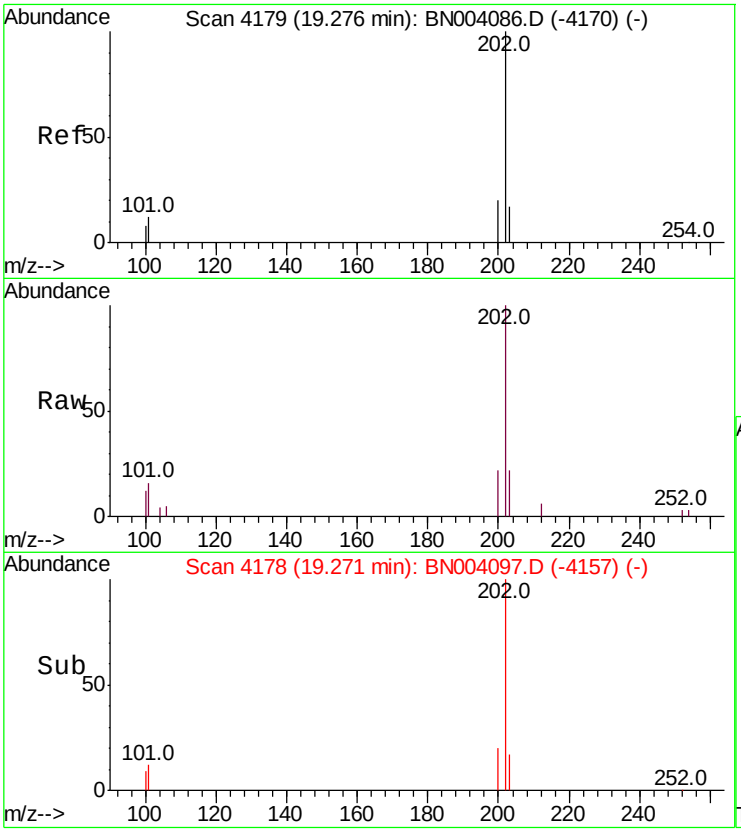


#12
Phenanthrene
Concen: 0.036 ng/ul m
RT: 17.25 min Scan# 3717
Delta R.T. -0.00 min
Lab File: BN004097.D
Acq: 19 Dec 2018 03:14

Tgt Ion:178 Resp: 1718

Ion	Ratio	Lower	Upper
178	100		
179	20.2	12.5	18.7#
176	22.2	15.0	22.4





#15
Fluoranthene
Concen: 0.048 ng/ul m
RT: 19.27 min Scan# 4178
Delta R.T. -0.00 min
Lab File: BN004097.D
Acq: 19 Dec 2018 03:14

Tgt Ion:202 Resp: 2696

Ion	Ratio	Lower	Upper
202	100		
101	15.6	0.0	30.7
100	12.2	0.0	28.1

Instrument :
BNA_N
ClientSampleId :
F9E33

Manual Integrations APPROVED
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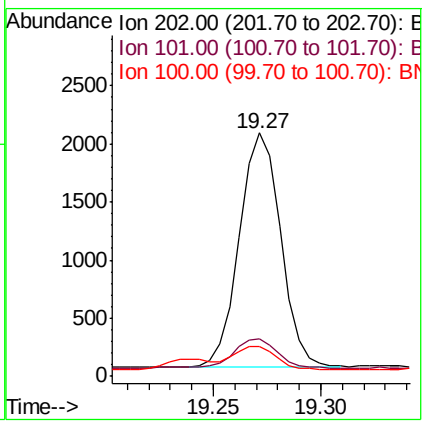
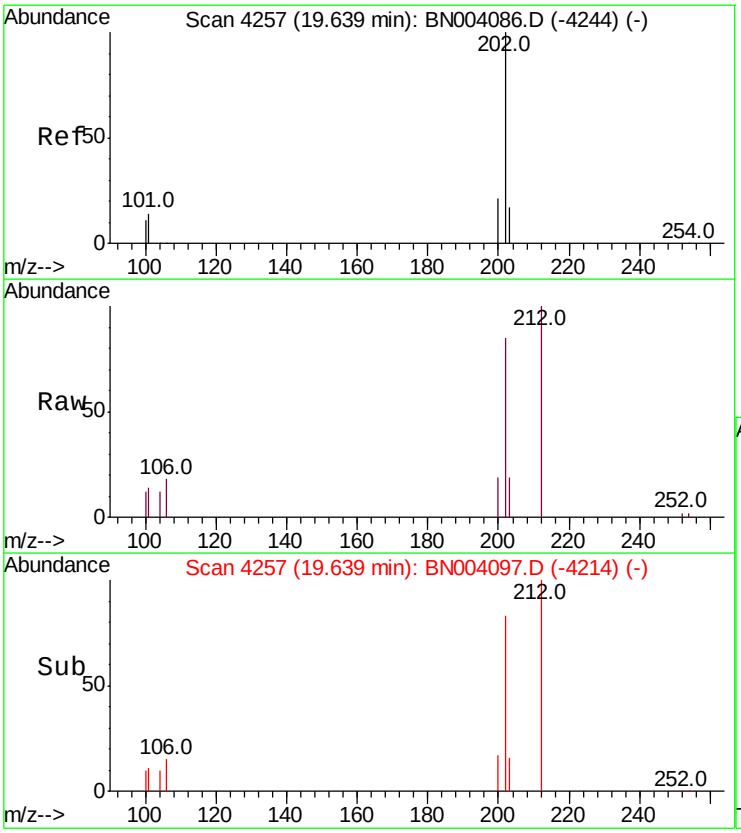
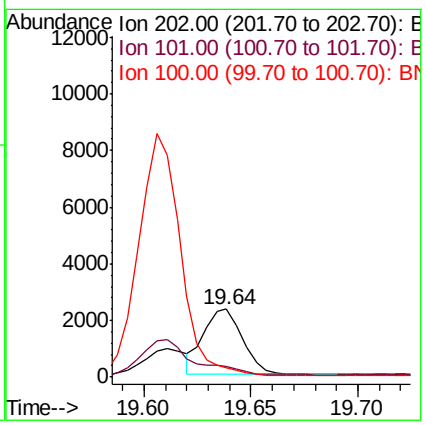


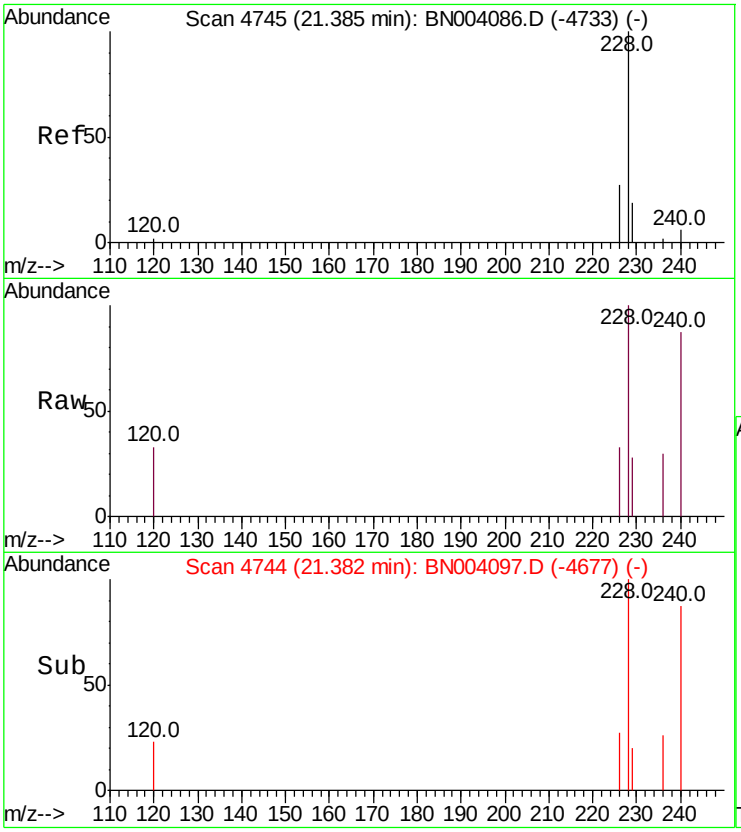


#17
Pyrene
Concen: 0.054 ng/ul
RT: 19.64 min Scan# 4257
Delta R.T. -0.00 min
Lab File: BN004097.D
Acq: 19 Dec 2018 03:14

Tgt Ion:202 Resp: 2942

Ion	Ratio	Lower	Upper
202	100		
101	16.6	10.3	15.5#
100	14.5	8.5	12.7#





#18
Benzo(a)anthracene
Concen: 0.041 ng/ul
RT: 21.38 min Scan# 4744
Delta R.T. -0.00 min
Lab File: BN004097.D
Acq: 19 Dec 2018 03:14

Tgt Ion:228 Resp: 1937

Ion	Ratio	Lower	Upper
228	100		
229	28.4	15.6	23.4#
226	32.7	21.1	31.7#

Instrument :
BNA_N
ClientSampleId :
F9E33

Manual Integrations APPROVED
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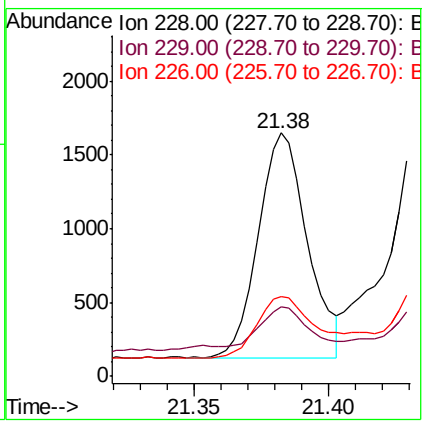
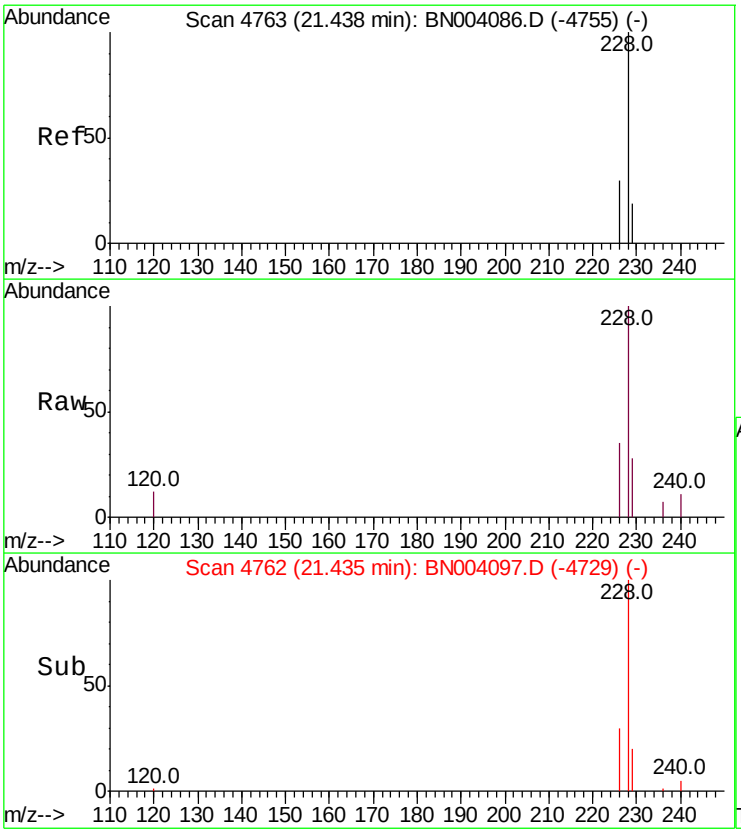
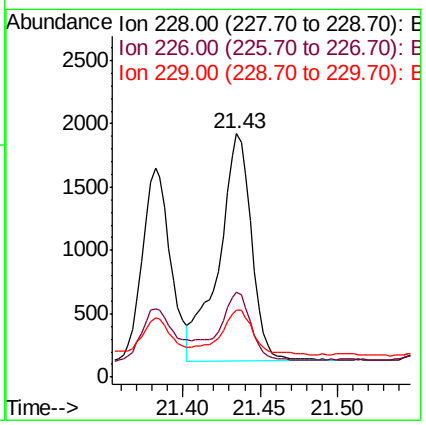


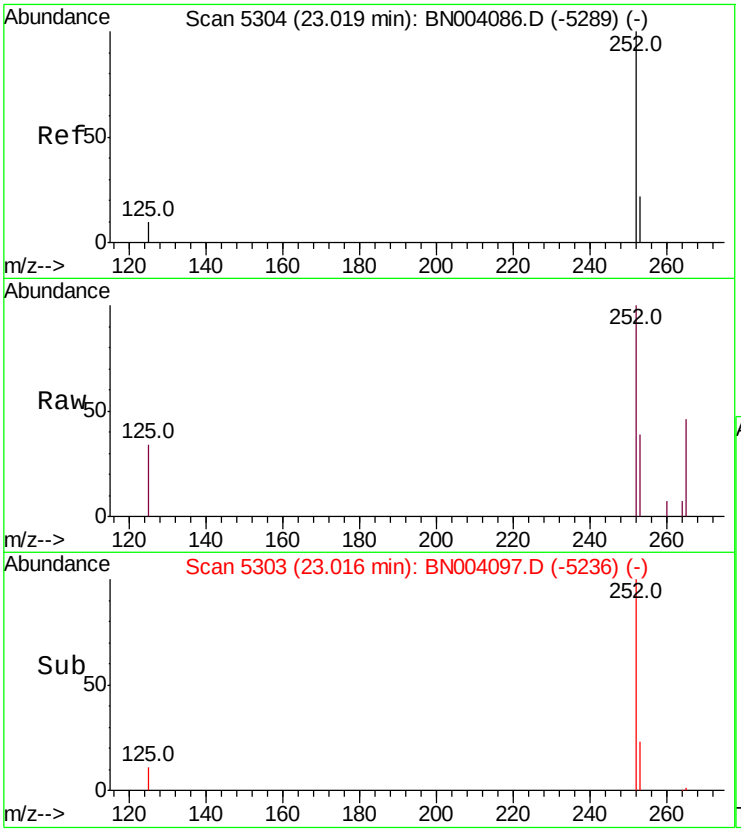


#19
Chrysene
Concen: 0.048 ng/ul
RT: 21.43 min Scan# 4762
Delta R.T. -0.00 min
Lab File: BN004097.D
Acq: 19 Dec 2018 03:14

Tgt Ion:228 Resp: 2637

Ion	Ratio	Lower	Upper
228	100		
226	34.9	24.0	36.0
229	27.6	15.7	23.5#





#21
Benzo(b)fluoranthene
Concen: 0.059 ng/ul m
RT: 23.02 min Scan# 5303
Delta R.T. -0.00 min
Lab File: BN004097.D
Acq: 19 Dec 2018 03:14

Tgt Ion:252 Resp: 3313

Ion	Ratio	Lower	Upper
252	100		
253	38.8	0.0	46.0
125	33.7	0.0	22.4#

Instrument :
BNA_N
ClientSampleId :
F9E33

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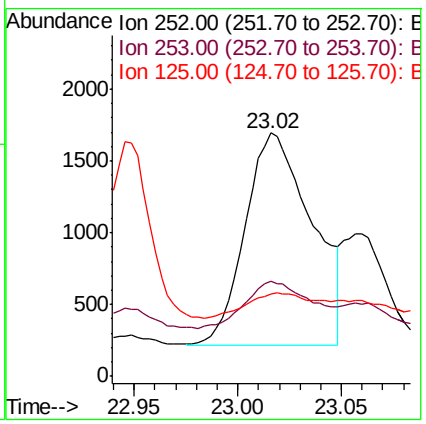
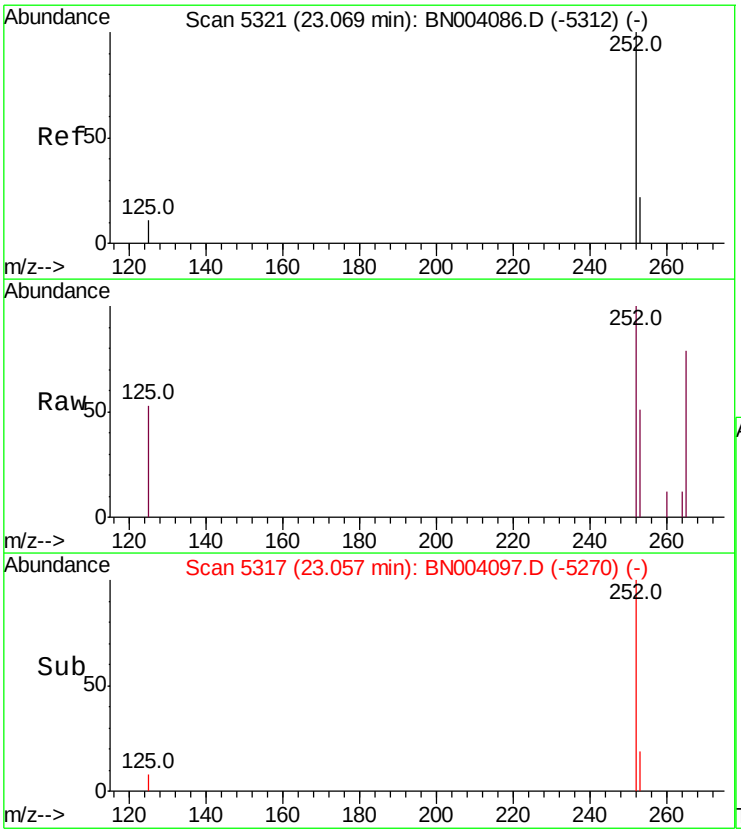
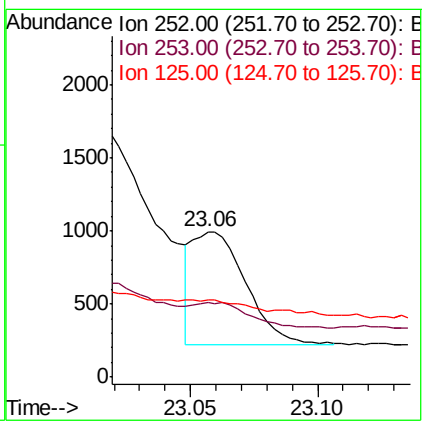


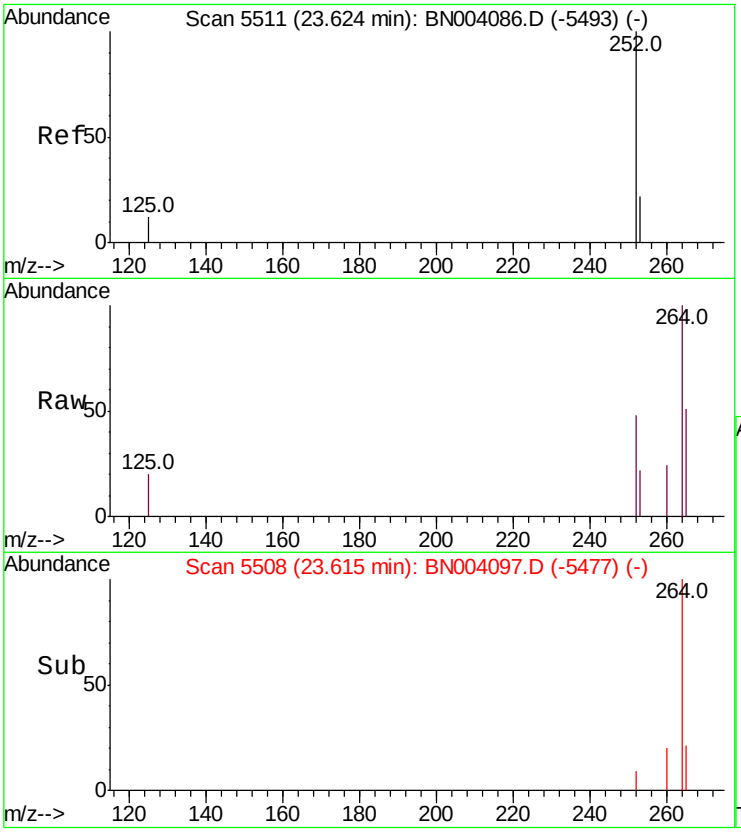


#22
Benzo(k)fluoranthene
Concen: 0.020 ng/ul m
RT: 23.06 min Scan# 5317
Delta R.T. -0.01 min
Lab File: BN004097.D
Acq: 19 Dec 2018 03:14

Tgt Ion:252 Resp: 1125

Ion	Ratio	Lower	Upper
252	100		
253	51.1	18.5	27.7#
125	53.1	9.0	13.6#





#23
Benzo(a)pyrene
Concen: 0.037 ng/ul
RT: 23.62 min Scan# 5508
Delta R.T. -0.01 min
Lab File: BN004097.D
Acq: 19 Dec 2018 03:14

Tgt Ion:252 Resp: 1814

Ion	Ratio	Lower	Upper
252	100		
253	45.0	19.0	28.4#
125	41.9	10.2	15.4#

Instrument :
BNA_N
ClientSampleId :
F9E33

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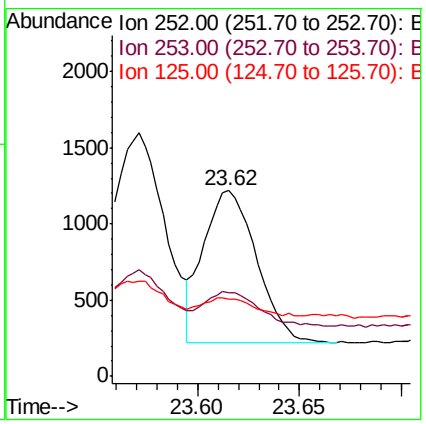
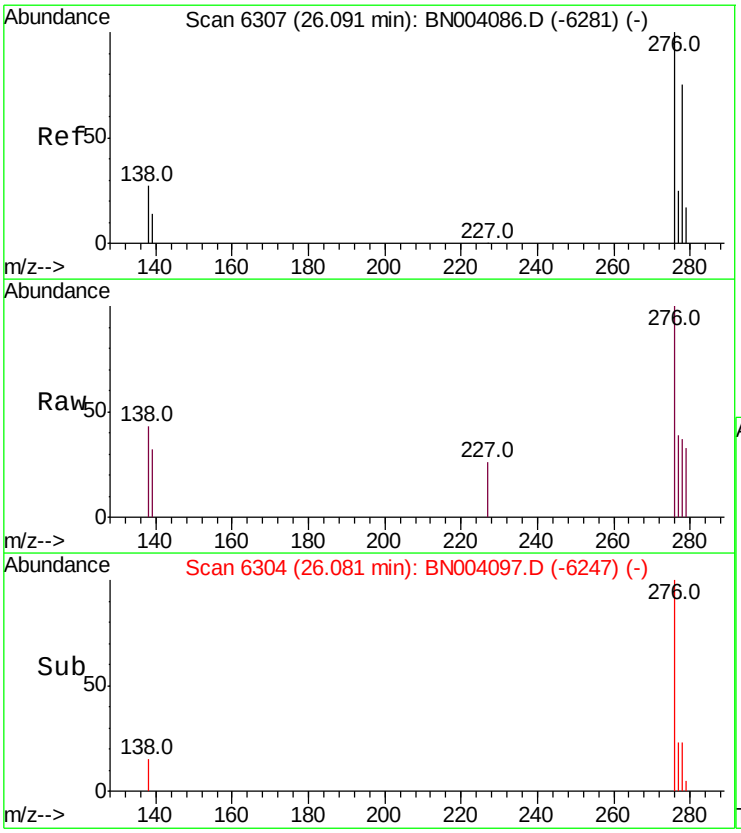
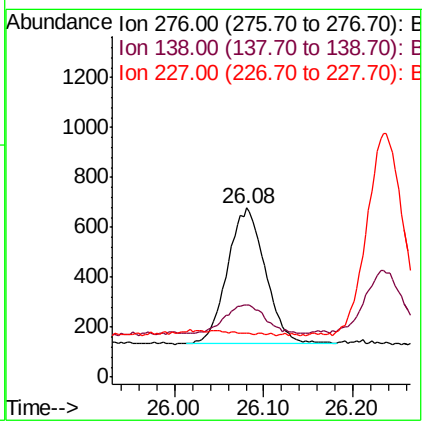


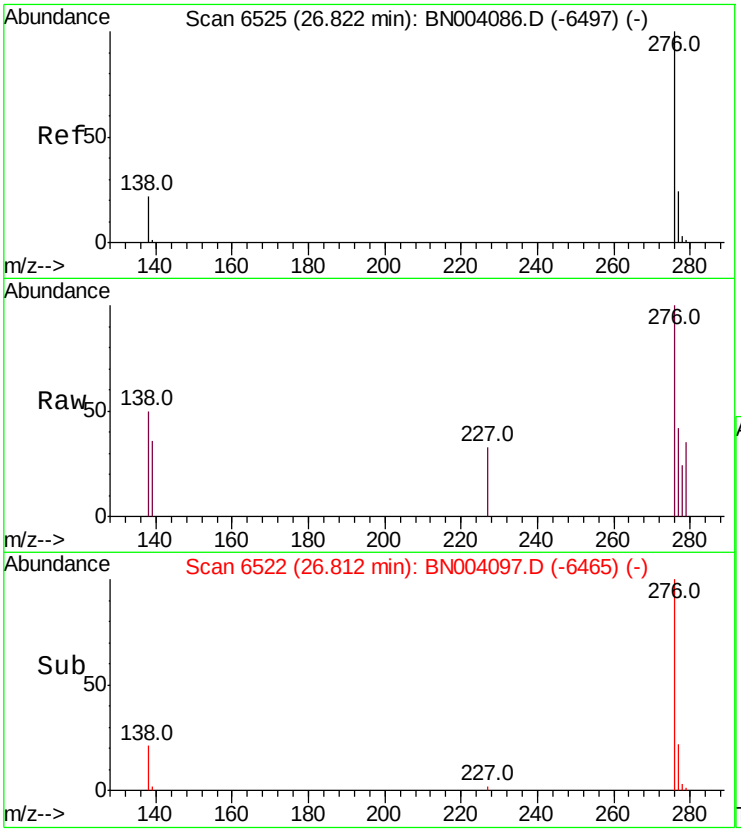


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.028 ng/ul
RT: 26.08 min Scan# 6304
Delta R.T. -0.01 min
Lab File: BN004097.D
Acq: 19 Dec 2018 03:14

Tgt Ion:276 Resp: 1596

Ion	Ratio	Lower	Upper
276	100		
138	22.7	20.3	30.5
227	0.0	0.2	0.2#

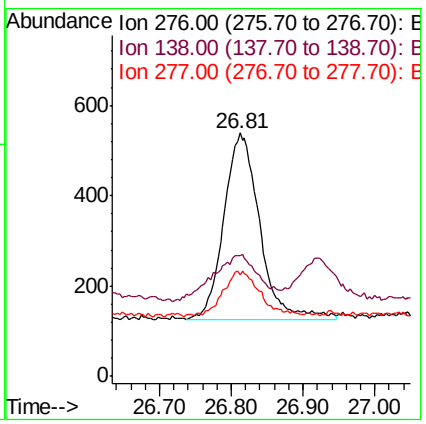




#26
Benzo(g,h,i)perylene
Concen: 0.029 ng/ul
RT: 26.81 min Scan# 6522
Delta R.T. -0.01 min
Lab File: BN004097.D
Acq: 19 Dec 2018 03:14

Tgt Ion:276 Resp: 1419

Ion	Ratio	Lower	Upper
276	100		
138	49.7	17.7	26.5#
277	41.7	19.3	28.9#



Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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