Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022121\
Data File : BN013704.D
Acq On : 21 Feb 2021 01:18
Operator : CG/JU
Sample : M1415-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBH24

Manual Integrations APPROVED
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Quant Time: Feb 22 00:46:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN022121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 20 23:16:49 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	3974	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	15275	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	8800	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	17632m	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	27977	0.40	ng/ul	0.00
20) Perylene-d12	23.31	264	15449	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.90	152	5324	0.24	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	10807	0.23	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	16.97	178	6063	0.114	ng/ul#	94
13) Anthracene	17.06	178	1294	0.028	ng/ul#	66
15) Fluoranthene	19.00	202	12227	0.202	ng/ul	95
17) Pyrene	19.37	202	11294	0.106	ng/ul#	93
18) Benzo(a)anthracene	21.12	228	4549	0.047	ng/ul#	25
19) Chrysene	21.18	228	6753	0.068	ng/ul#	33
21) Benzo(b)fluoranthene	22.66	252	8842m	0.150	ng/ul	
22) Benzo(k)fluoranthene	22.70	252	2390m	0.039	ng/ul	
23) Benzo(a)pyrene	23.21	252	4149	0.079	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.46	276	3657	0.054	ng/ul#	1
25) Dibenzo(a,h)anthracene	25.46	278	1141	0.021	ng/ul#	1
26) Benzo(g,h,i)perylene	26.11	276	2426	0.042	ng/ul#	1

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

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Instrument :
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ClientSampleId :
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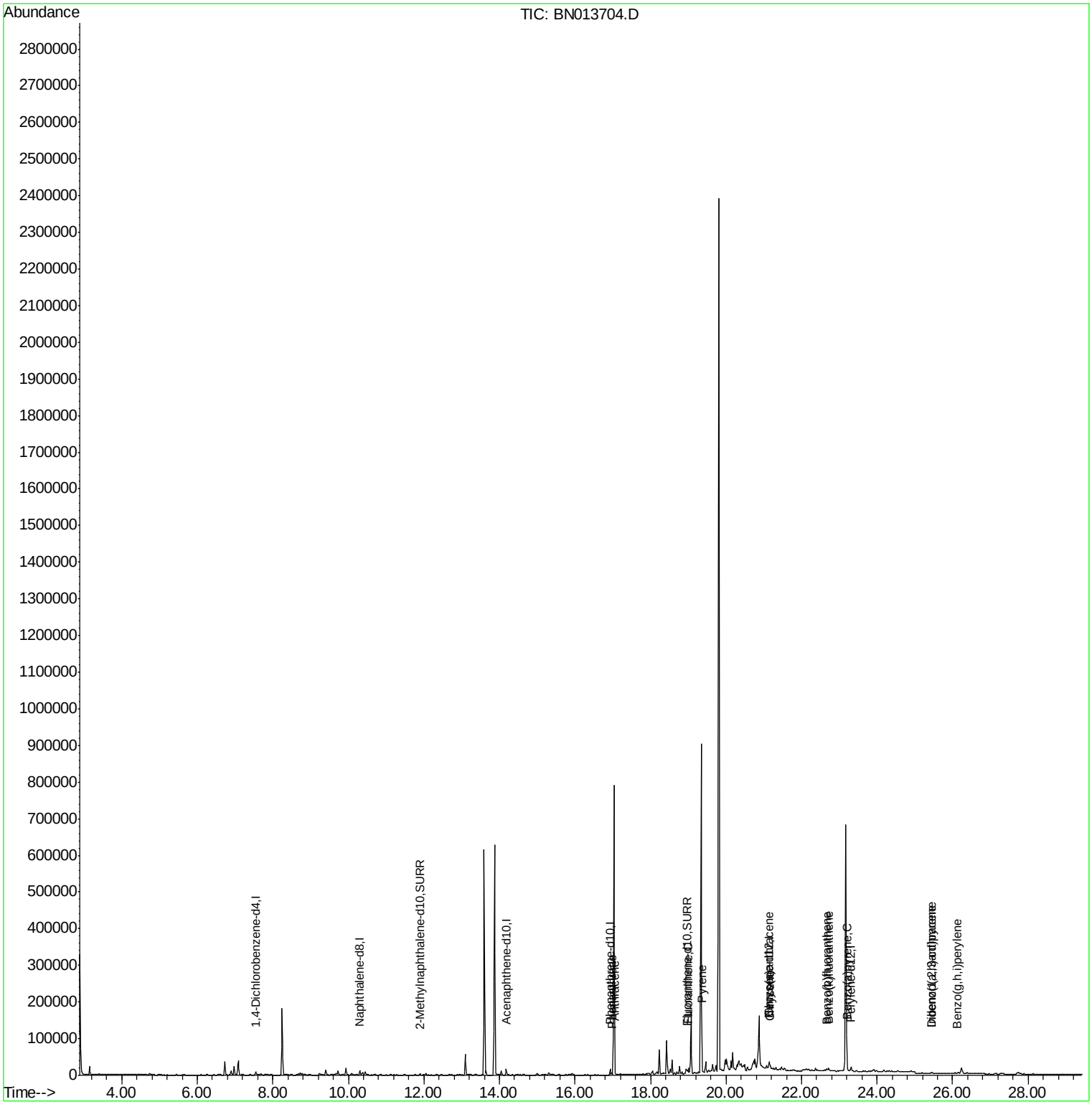

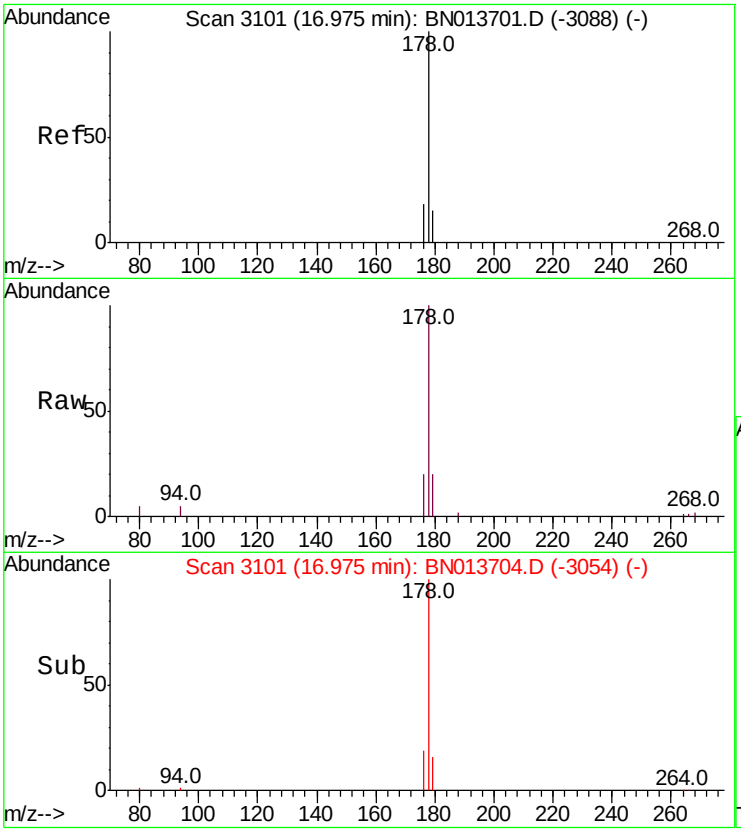

#12
Phenanthrene
Concen: 0.114 ng/ul
RT: 16.97 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BN013704.D
Acq: 21 Feb 2021 01:18

Tgt Ion:178 Resp: 6063

Ion	Ratio	Lower	Upper
178	100		
179	19.6	12.5	18.7#
176	20.5	15.1	22.7

Instrument :
BNA_N
ClientSampleId :
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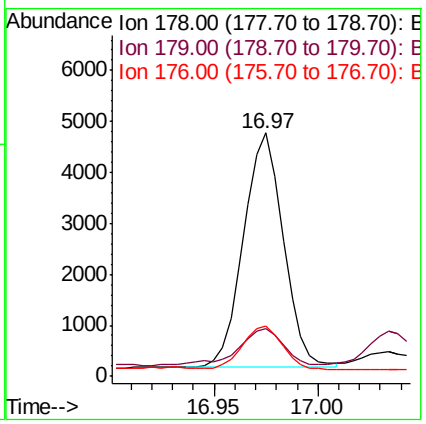
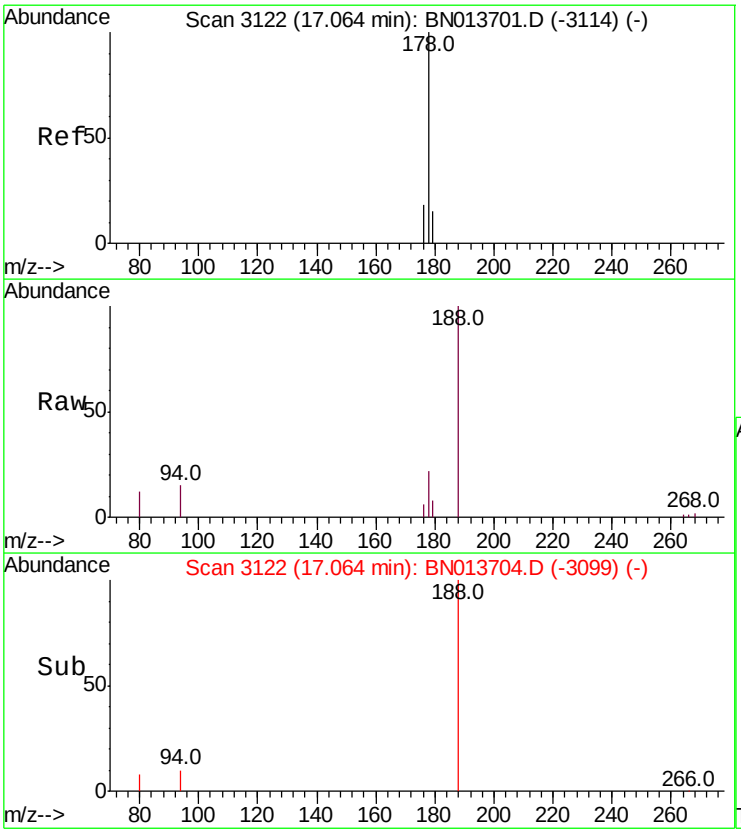
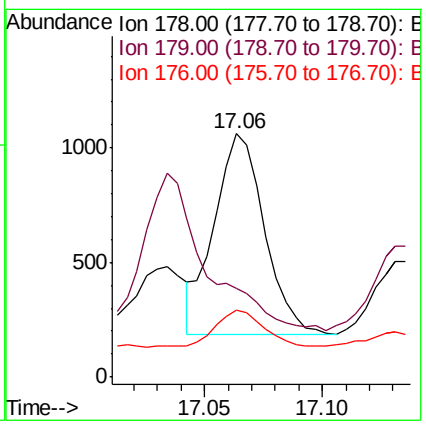


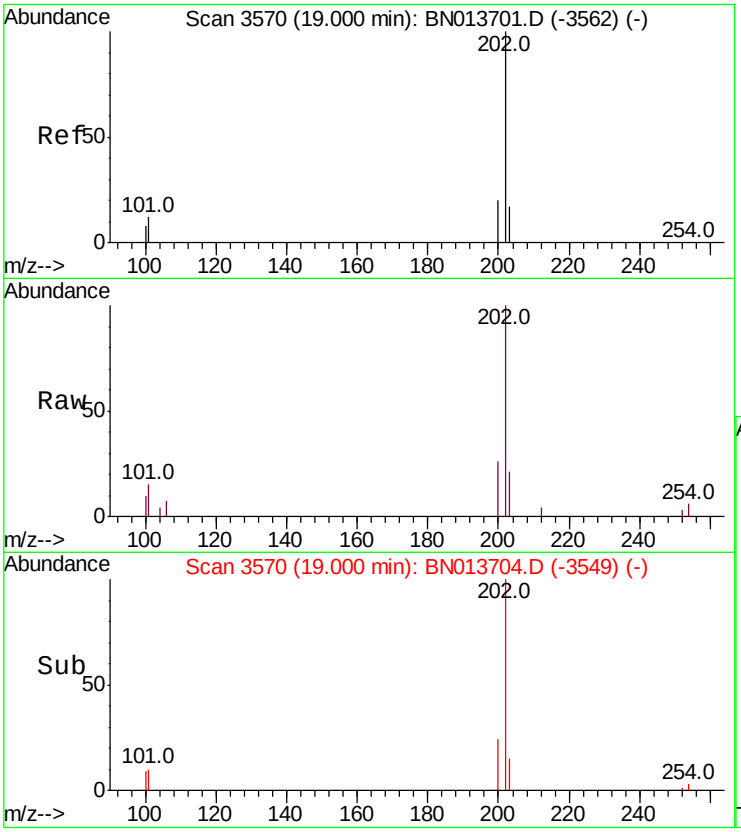


#13
Anthracene
Concen: 0.028 ng/ul
RT: 17.06 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BN013704.D
Acq: 21 Feb 2021 01:18

Tgt Ion:178 Resp: 1294

Ion	Ratio	Lower	Upper
178	100		
179	36.4	12.8	19.2#
176	27.6	14.6	22.0#

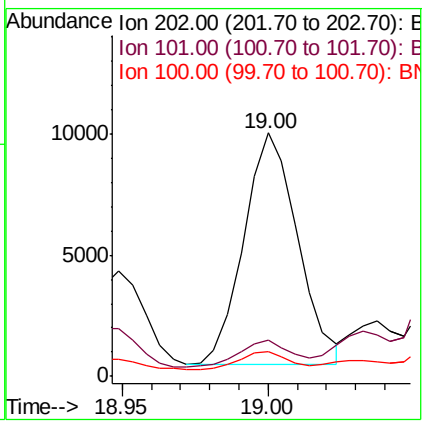




#15
Fluoranthene
Concen: 0.202 ng/ul
RT: 19.00 min Scan# 3570
Delta R.T. -0.00 min
Lab File: BN013704.D
Acq: 21 Feb 2021 01:18

Tgt Ion:202 Resp: 12227

Ion	Ratio	Lower	Upper
202	100		
101	14.8	0.0	31.9
100	10.1	0.0	29.1



Instrument :
BNA_N
ClientSampleId :
DBH24

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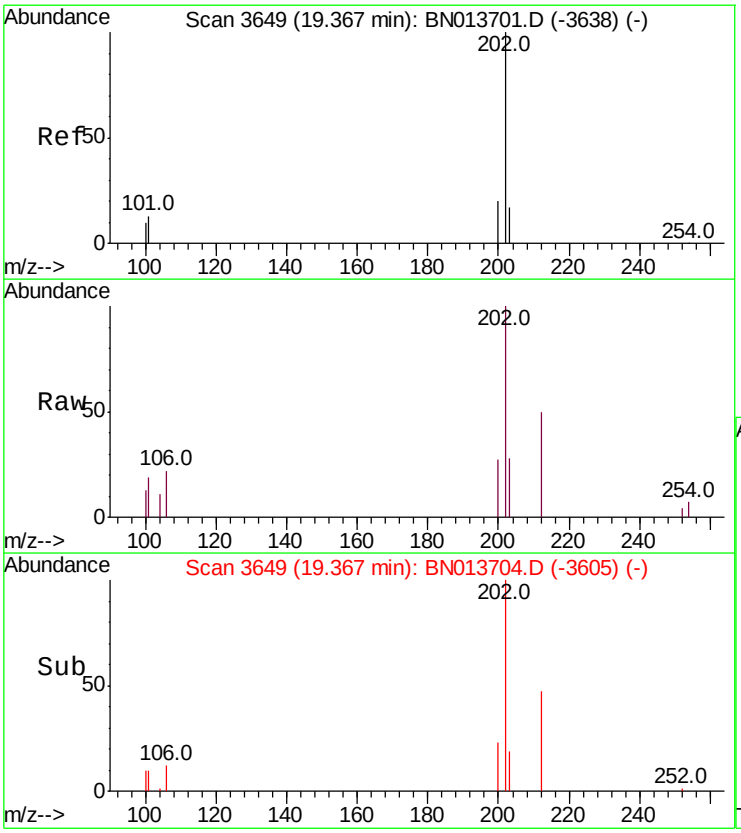
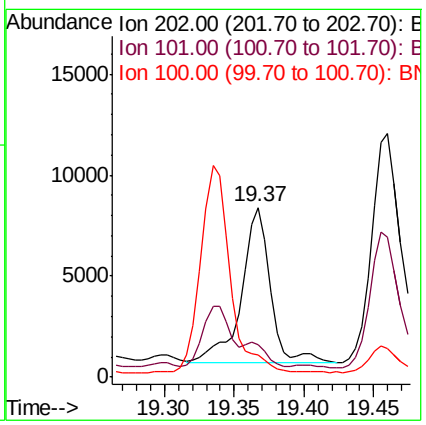
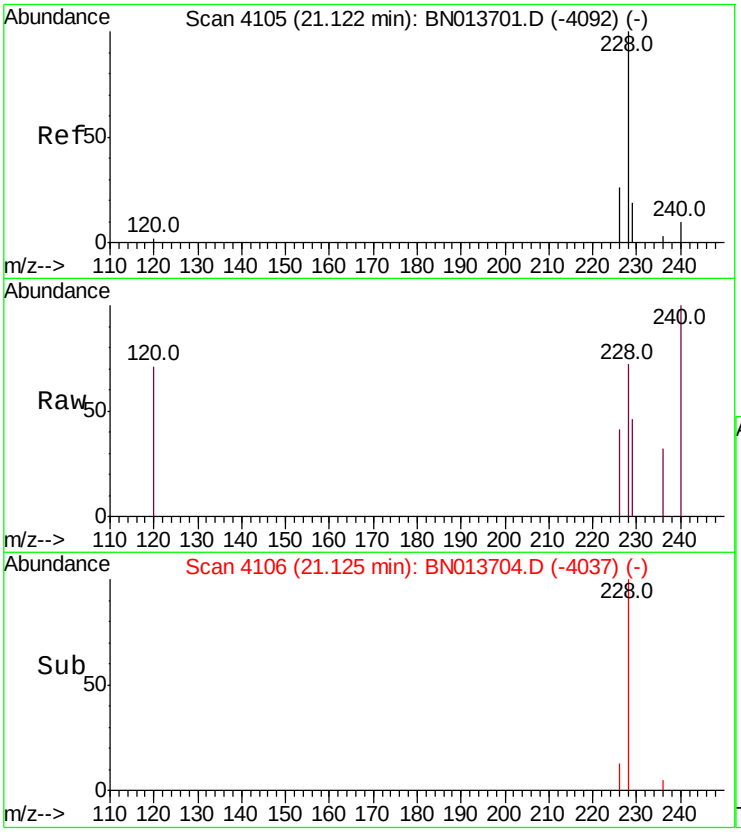


#17
Pyrene
Concen: 0.106 ng/ul
RT: 19.37 min Scan# 3649
Delta R.T. 0.00 min
Lab File: BN013704.D
Acq: 21 Feb 2021 01:18

Tgt Ion:202 Resp: 11294

Ion	Ratio	Lower	Upper
202	100		
101	18.8	11.5	17.3#
100	12.7	9.3	13.9

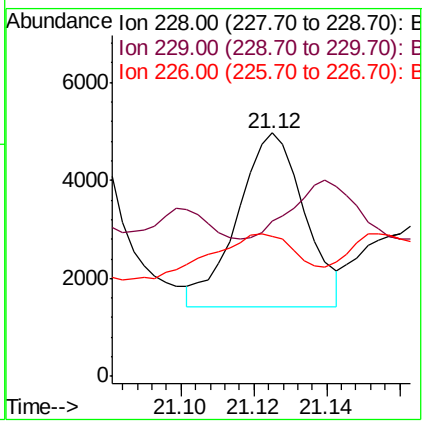




#18
Benzo(a)anthracene
Concen: 0.047 ng/ul
RT: 21.12 min Scan# 4106
Delta R.T. 0.00 min
Lab File: BN013704.D
Acq: 21 Feb 2021 01:18

Tgt Ion:228 Resp: 4549

Ion	Ratio	Lower	Upper
228	100		
229	63.6	15.8	23.8#
226	57.5	21.5	32.3#



Instrument :
BNA_N
ClientSampleId :
DBH24

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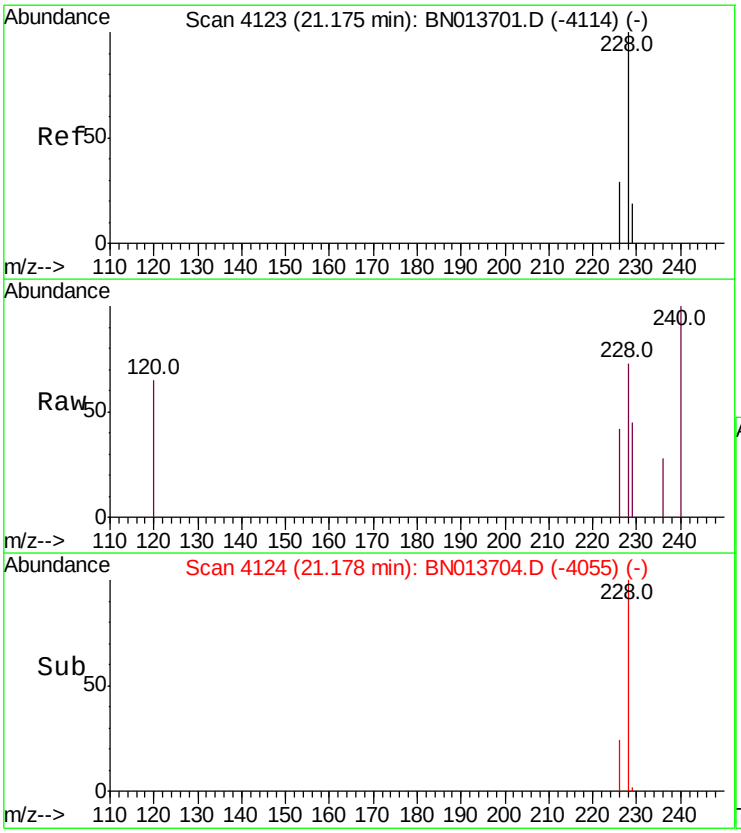
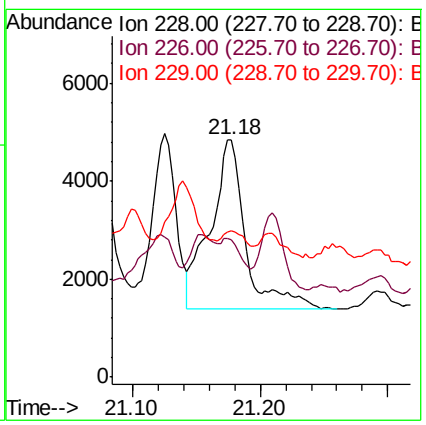
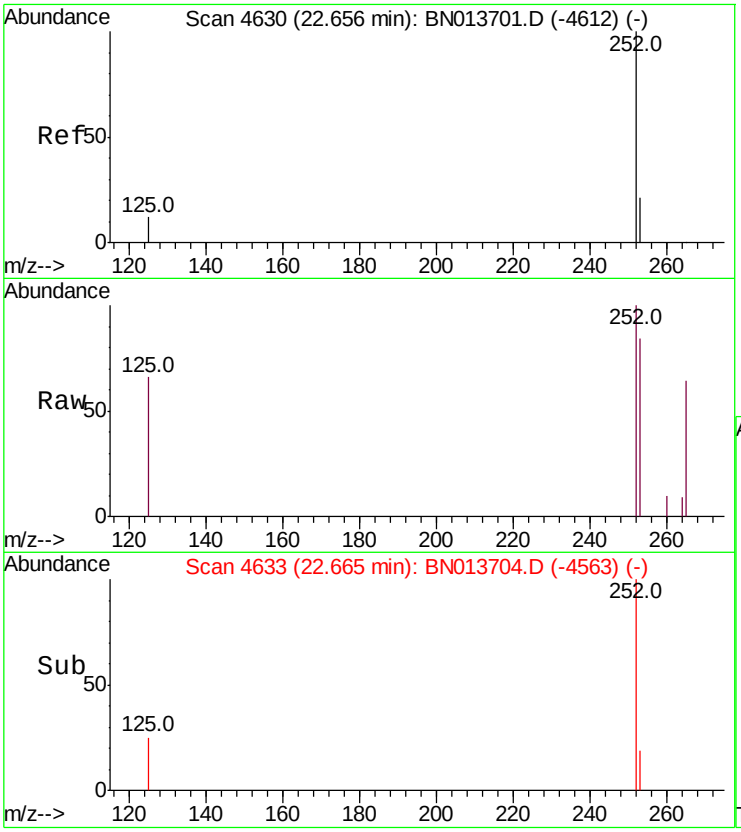


#19
Chrysene
Concen: 0.068 ng/ul
RT: 21.18 min Scan# 4124
Delta R.T. 0.00 min
Lab File: BN013704.D
Acq: 21 Feb 2021 01:18

Tgt Ion:228 Resp: 6753

Ion	Ratio	Lower	Upper
228	100		
226	57.7	24.0	36.0#
229	61.6	15.6	23.4#

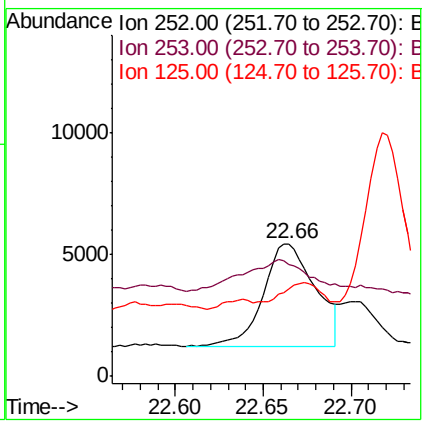




#21
Benzo(b)fluoranthene
Concen: 0.150 ng/ul m
RT: 22.66 min Scan# 4633
Delta R.T. 0.01 min
Lab File: BN013704.D
Acq: 21 Feb 2021 01:18

Tgt Ion:252 Resp: 8842

Ion	Ratio	Lower	Upper
252	100		
253	84.1	0.0	55.4#
125	65.6	0.0	31.6#



Instrument :
BNA_N
ClientSampleId :
DBH24

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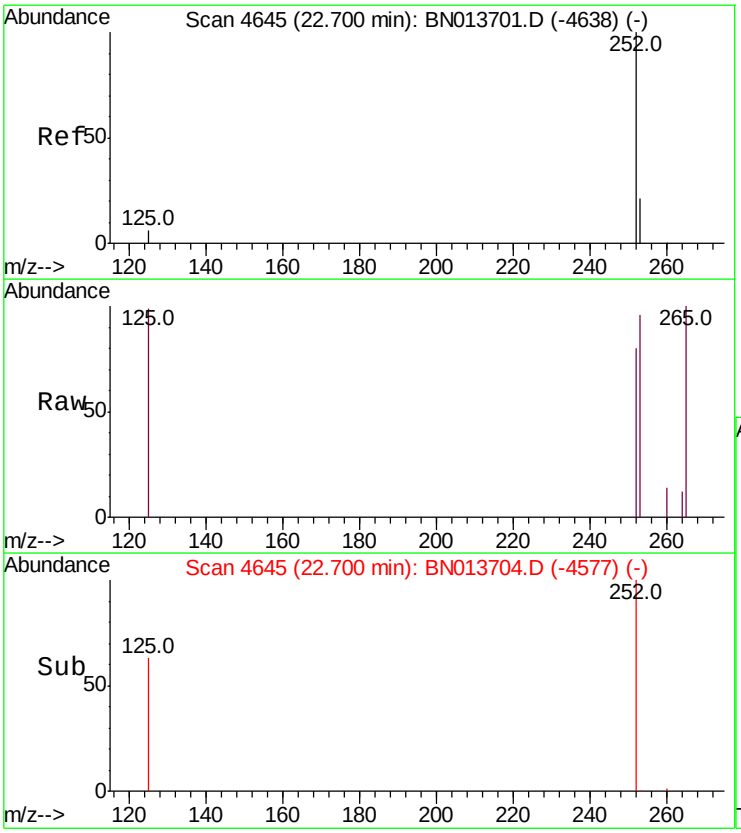
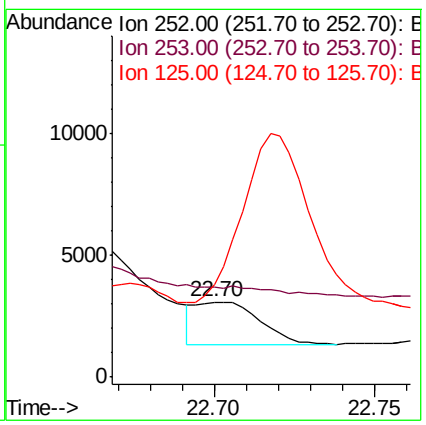
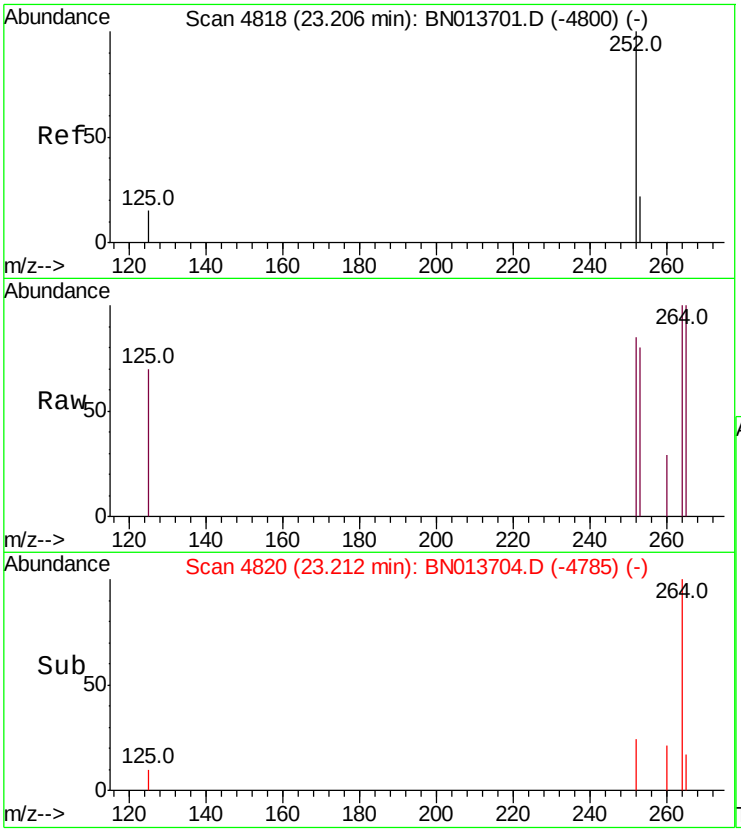


#22
Benzo(k)fluoranthene
Concen: 0.039 ng/ul m
RT: 22.70 min Scan# 4645
Delta R.T. -0.00 min
Lab File: BN013704.D
Acq: 21 Feb 2021 01:18

Tgt Ion:252 Resp: 2390

Ion	Ratio	Lower	Upper
252	100		
253	120.6	22.2	33.2#
125	124.7	12.4	18.6#





#23
Benzo(a)pyrene
Concen: 0.079 ng/ul
RT: 23.21 min Scan# 4820
Delta R.T. 0.00 min
Lab File: BN013704.D
Acq: 21 Feb 2021 01:18

Tgt Ion:252 Resp: 4149

Ion	Ratio	Lower	Upper
252	100		
253	95.0	23.8	35.8#
125	83.1	17.0	25.6#

Instrument :
BNA_N
ClientSampleId :
DBH24

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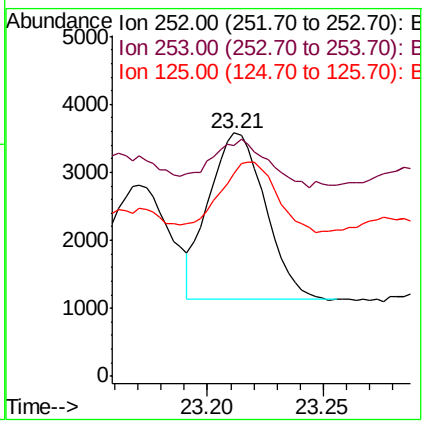
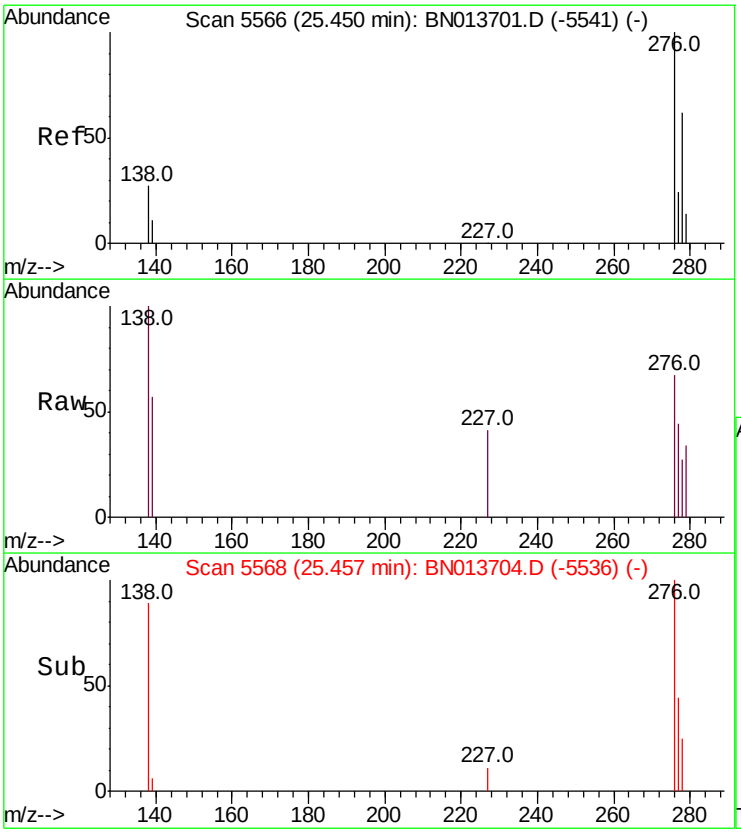
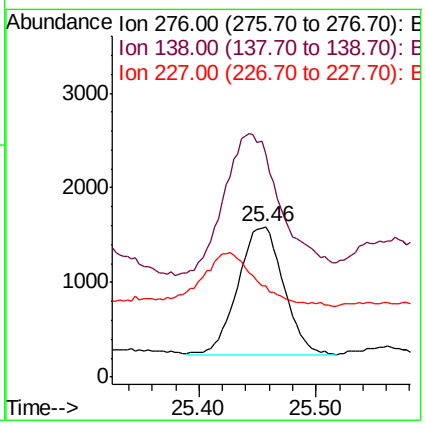


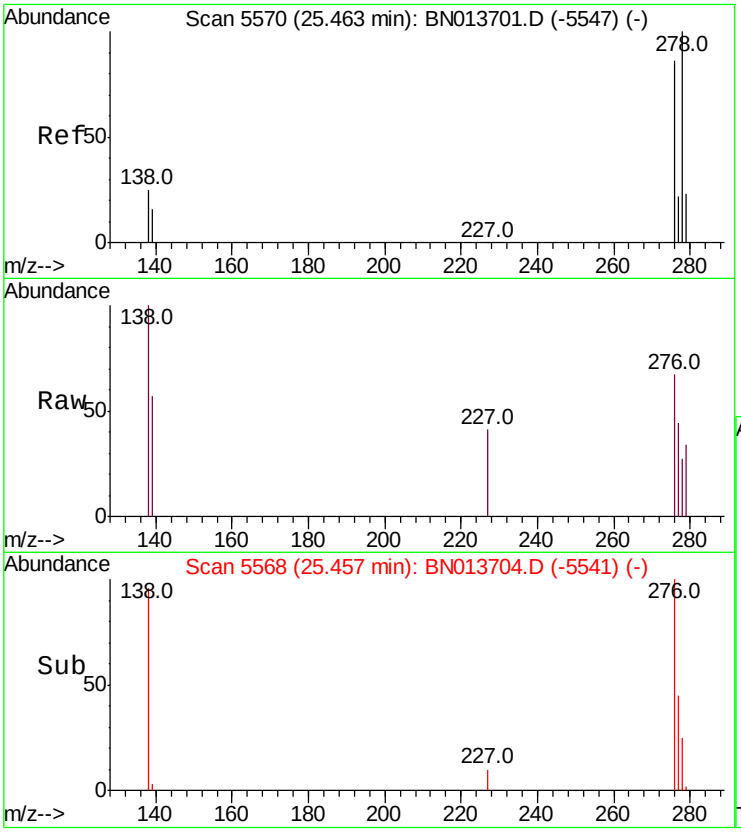


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.054 ng/ul
RT: 25.46 min Scan# 5568
Delta R.T. 0.01 min
Lab File: BN013704.D
Acq: 21 Feb 2021 01:18

Tgt Ion:276 Resp: 3657

Ion	Ratio	Lower	Upper
276	100		
138	137.9	22.7	34.1#
227	0.0	0.1	0.1#





#25
Dibenzo(a,h)anthracene
Concen: 0.021 ng/ul
RT: 25.46 min Scan# 5568
Delta R.T. -0.01 min
Lab File: BN013704.D
Acq: 21 Feb 2021 01:18

Tgt Ion:278 Resp: 1141

Ion	Ratio	Lower	Upper
278	100		
139	212.2	17.6	26.4#
279	125.5	21.5	32.3#

Instrument :
BNA_N
ClientSampleId :
DBH24

Manual Integrations APPROVED
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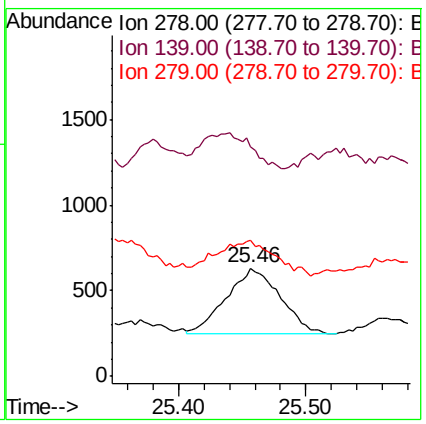

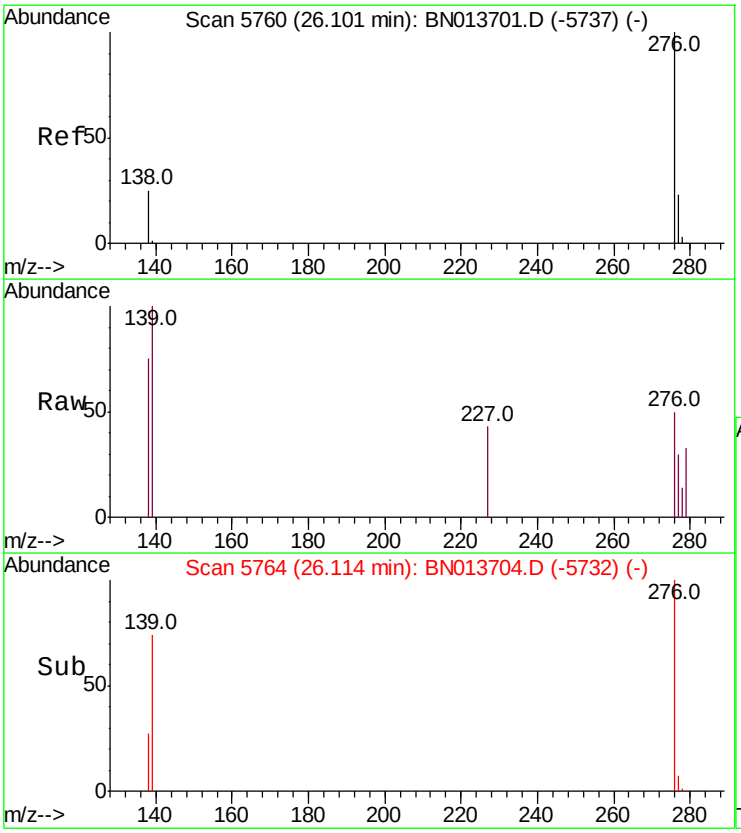

#26
Benzo(g,h,i)perylene
Concen: 0.042 ng/ul
RT: 26.11 min Scan# 5764
Delta R.T. 0.01 min
Lab File: BN013704.D
Acq: 21 Feb 2021 01:18

Tgt Ion:276 Resp: 2426

Ion	Ratio	Lower	Upper
276	100		
138	149.0	21.0	31.4#
277	60.3	19.4	29.0#