Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
Data File : BN012804.D
Acq On : 02 Dec 2020 05:05
Operator : CG/JU
Sample : L4793-21
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B54

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Quant Time: Dec 02 07:07:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 05:08:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	945	0.40	ng/ul	0.00
2) Naphthalene-d8	10.18	136	3903	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.08	164	2269	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.83	188	4828	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	4003	0.40	ng/ul	0.00
20) Perylene-d12	23.16	264	4369	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.79	152	672	0.12	ng/ul	0.00
14) Fluoranthene-d10	18.87	212	1627	0.13	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	16.87	178	1517	0.090	ng/ul	95
15) Fluoranthene	18.90	202	5003	0.258	ng/ul	98
17) Pyrene	19.27	202	5062	0.283	ng/ul	97
18) Benzo(a)anthracene	21.04	228	2175	0.152	ng/ul	96
19) Chrysene	21.09	228	3005	0.168	ng/ul	95
21) Benzo(b)fluoranthene	22.54	252	4494m	0.224	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	1629m	0.070	ng/ul	
23) Benzo(a)pyrene	23.07	252	2729	0.144	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.23	276	2230	0.090	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.23	278	498	0.025	ng/ul#	22
26) Benzo(g,h,i)perylene	25.86	276	2131	0.096	ng/ul#	91

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

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Instrument :
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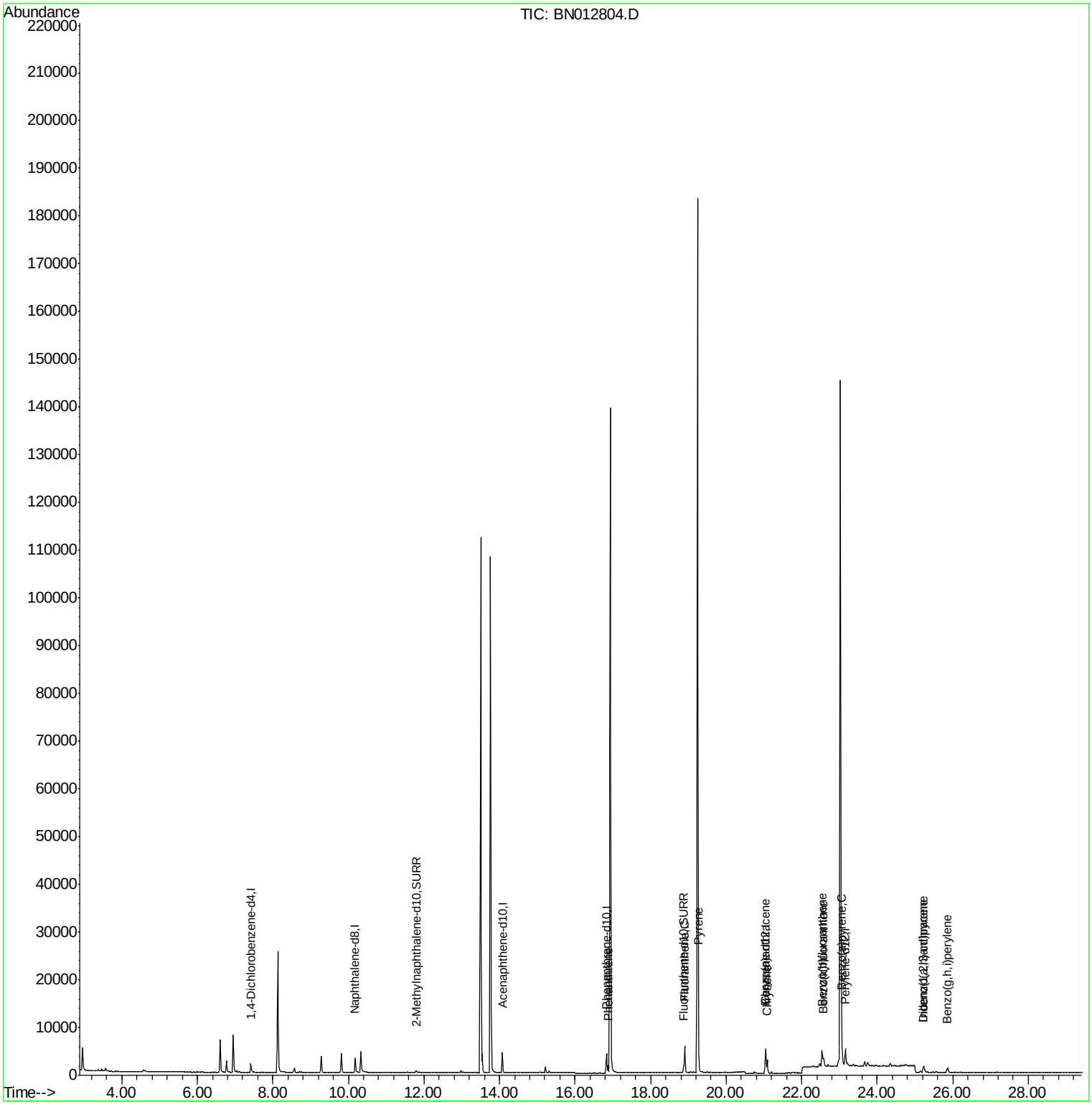
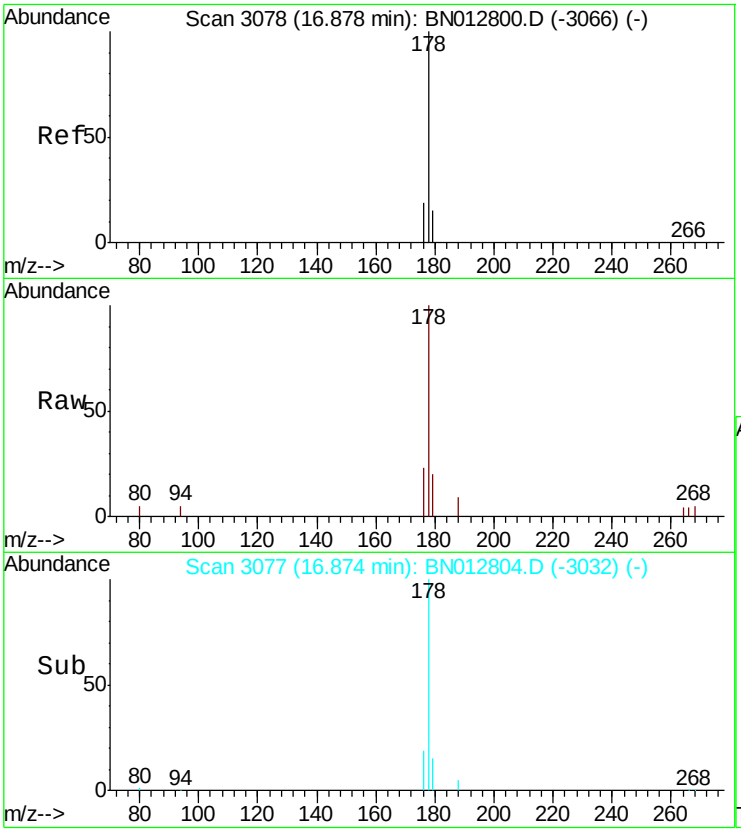
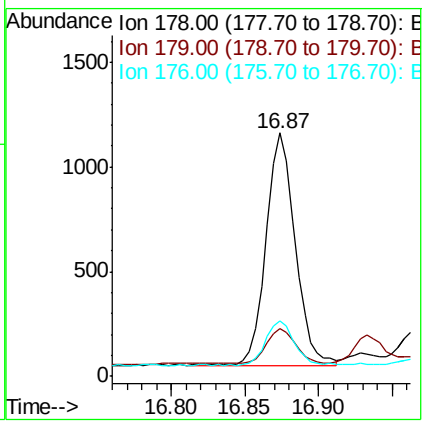




#12
Phenanthrene
Concen: 0.090 ng/ul
RT: 16.87 min Scan# 3077
Delta R.T. -0.01 min
Lab File: BN012804.D
Acq: 02 Dec 2020 05:05

Tgt Ion:178 Resp: 1517

Ion	Ratio	Lower	Upper
178	100		
179	19.6	13.8	20.6
176	22.8	16.7	25.1



Instrument :
BNA_N
ClientSampleId :
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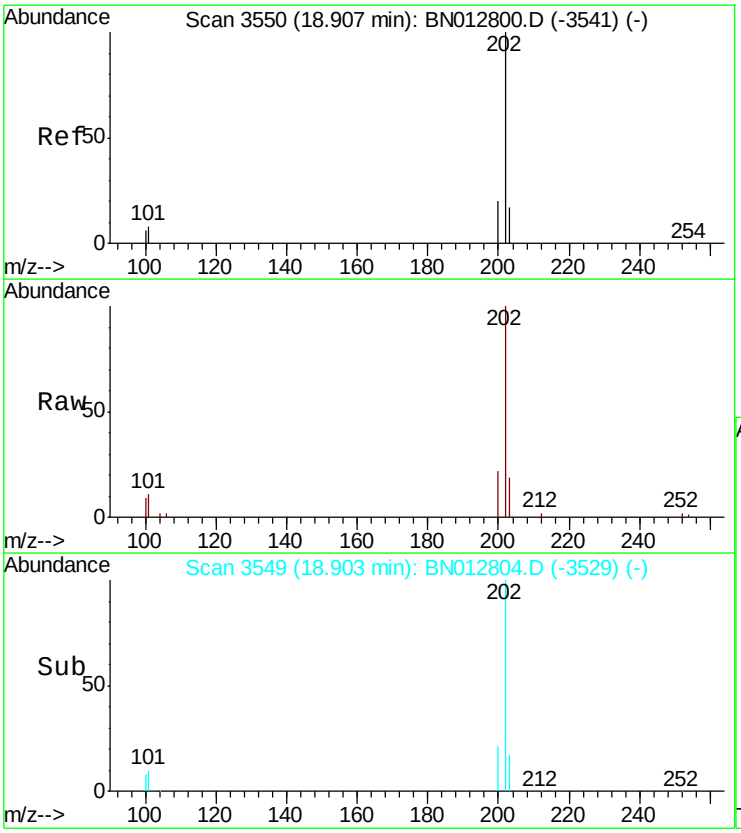
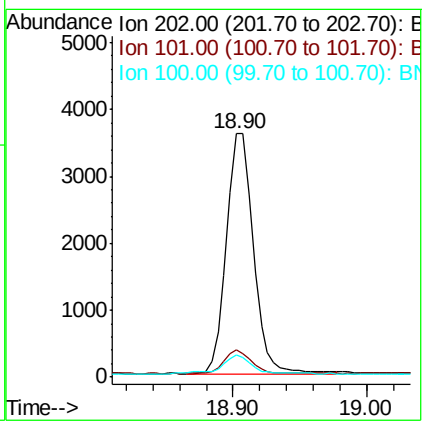
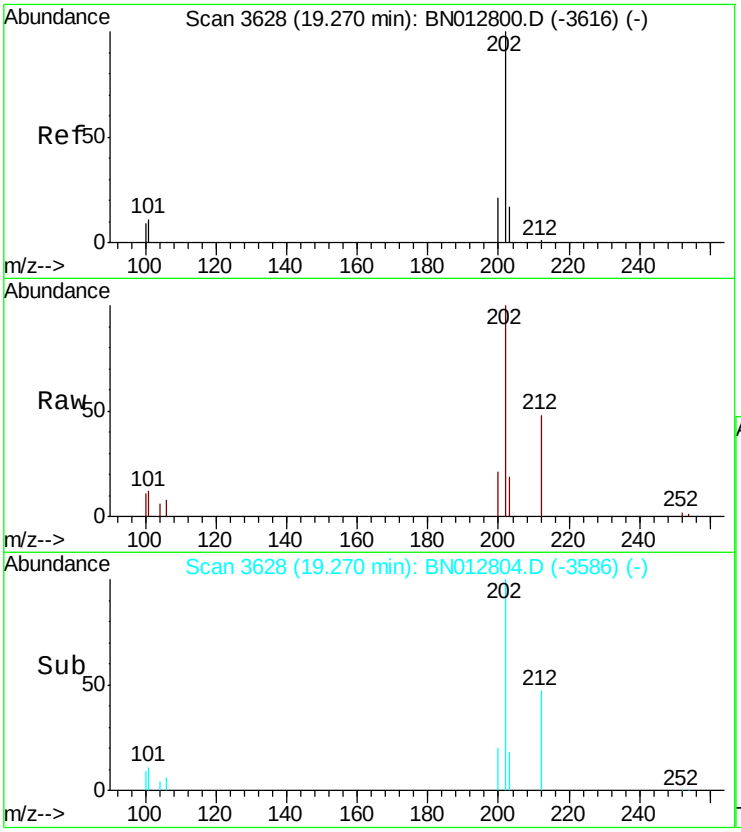


#15
Fluoranthene
Concen: 0.258 ng/ul
RT: 18.90 min Scan# 3549
Delta R.T. -0.01 min
Lab File: BN012804.D
Acq: 02 Dec 2020 05:05

Tgt Ion:202 Resp: 5003

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	30.5
100	9.2	0.0	28.4





#17
Pyrene
Concen: 0.283 ng/ul
RT: 19.27 min Scan# 3628
Delta R.T. -0.00 min
Lab File: BN012804.D
Acq: 02 Dec 2020 05:05

Tgt Ion:202 Resp: 5062

Ion	Ratio	Lower	Upper
202	100		
101	12.3	8.9	13.3
100	10.6	7.4	11.2

Instrument :
BNA_N
ClientSampleId :
C0B54

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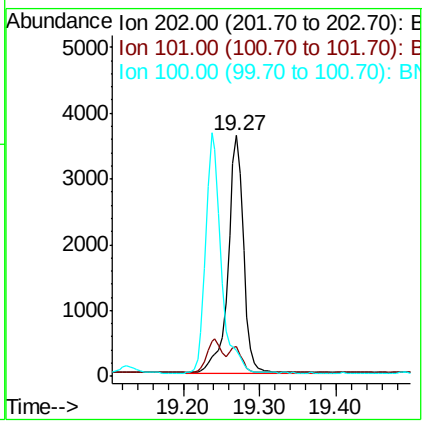
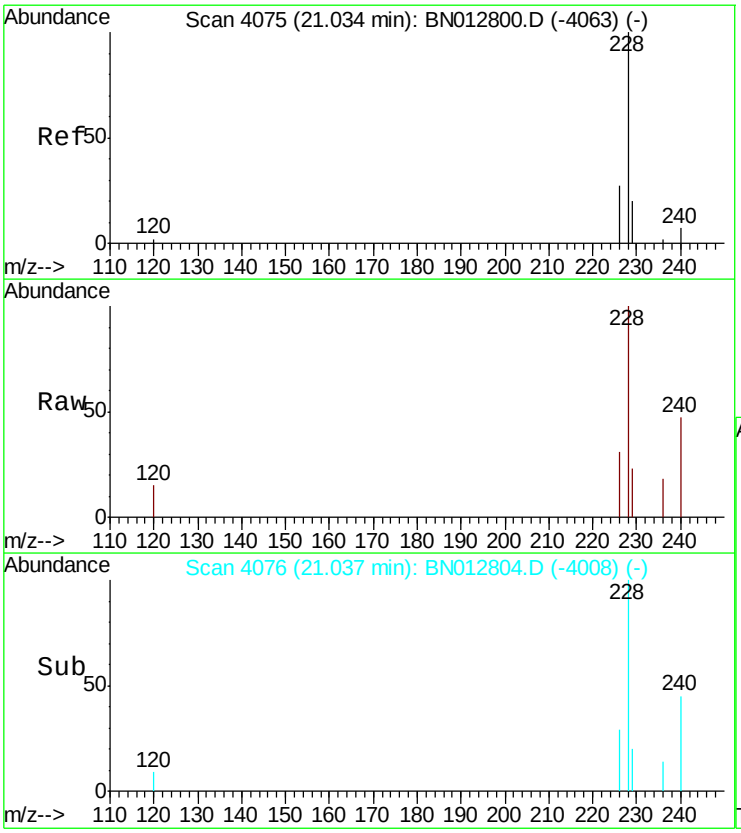
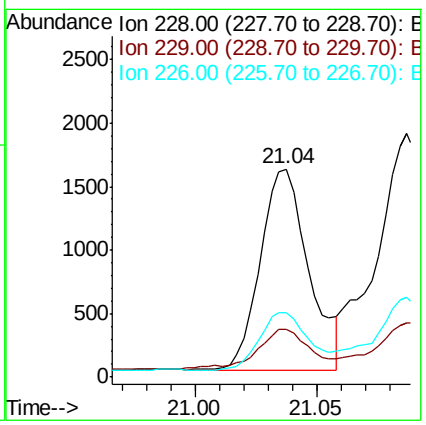


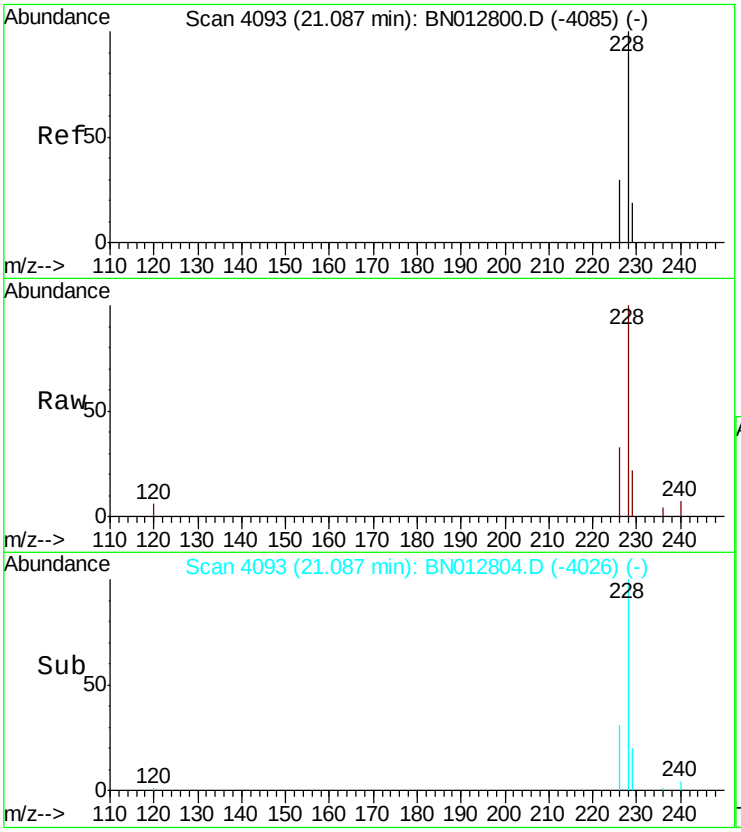


#18
Benzo(a)anthracene
Concen: 0.152 ng/ul
RT: 21.04 min Scan# 4076
Delta R.T. -0.00 min
Lab File: BN012804.D
Acq: 02 Dec 2020 05:05

Tgt Ion:228 Resp: 2175

Ion	Ratio	Lower	Upper
228	100		
229	23.0	16.9	25.3
226	31.3	23.1	34.7





#19
Chrysene
Concen: 0.168 ng/ul
RT: 21.09 min Scan# 4093
Delta R.T. -0.01 min
Lab File: BN012804.D
Acq: 02 Dec 2020 05:05

Tgt Ion:228 Resp: 3005

Ion	Ratio	Lower	Upper
228	100		
226	33.0	24.4	36.6
229	22.3	16.1	24.1

Instrument :
BNA_N
ClientSampleId :
C0B54

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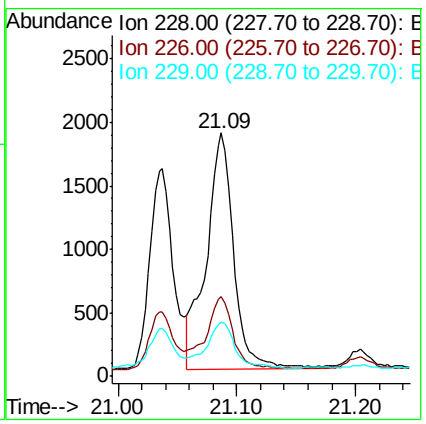
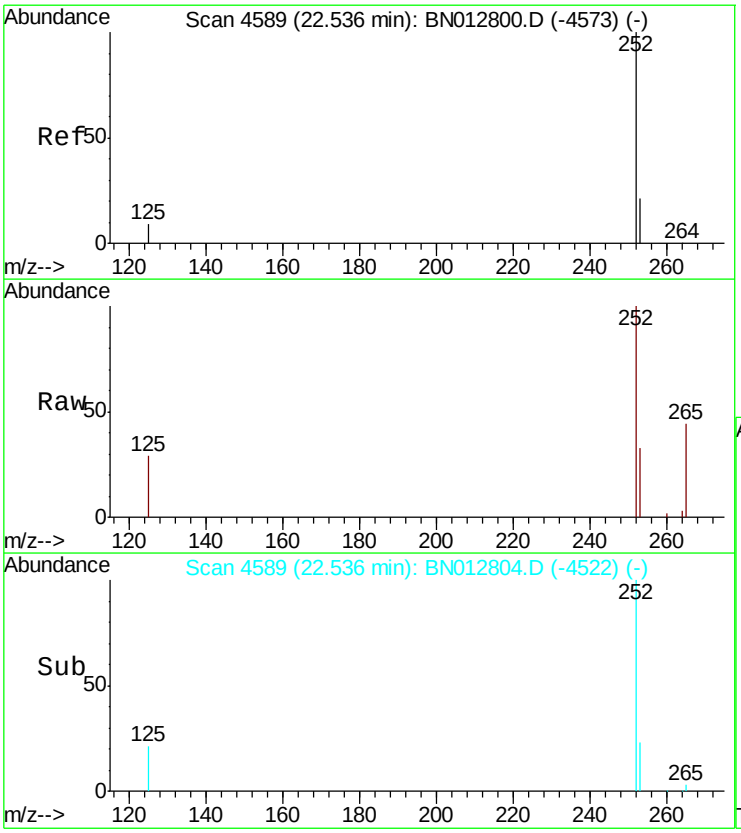
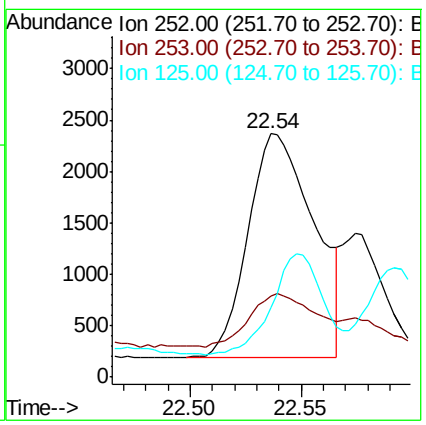


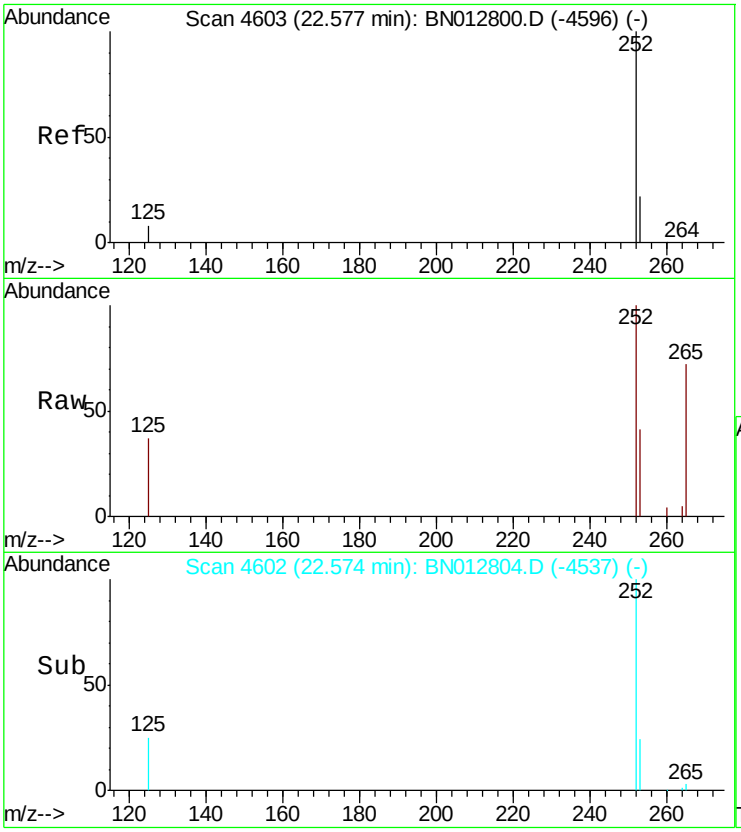


#21
Benzo(b)fluoranthene
Concen: 0.224 ng/ul m
RT: 22.54 min Scan# 4589
Delta R.T. -0.01 min
Lab File: BN012804.D
Acq: 02 Dec 2020 05:05

Tgt Ion:252 Resp: 4494

Ion	Ratio	Lower	Upper
252	100		
253	33.1	0.0	58.4
125	28.7	0.0	28.6#





#22
Benzo(k)fluoranthene
Concen: 0.070 ng/ul m
RT: 22.57 min Scan# 4602
Delta R.T. -0.01 min
Lab File: BN012804.D
Acq: 02 Dec 2020 05:05

Tgt Ion:252 Resp: 1629

Ion	Ratio	Lower	Upper
252	100		
253	41.0	23.4	35.2#
125	37.2	10.2	15.2#

Instrument :
BNA_N
ClientSampleId :
C0B54

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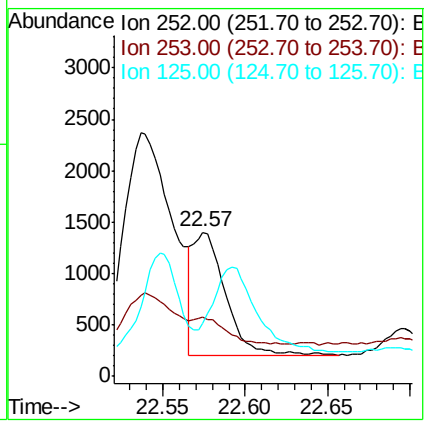
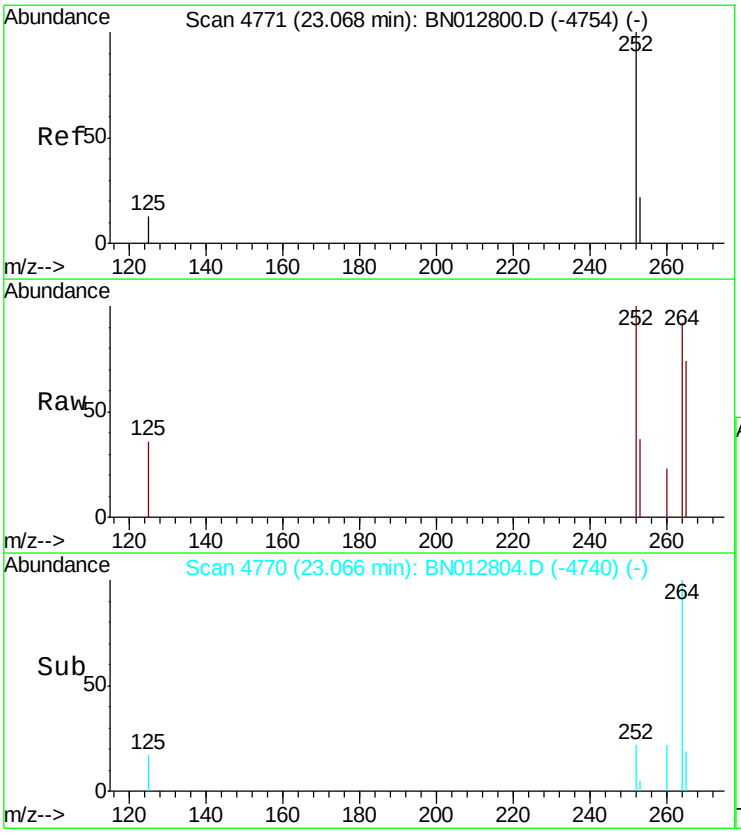
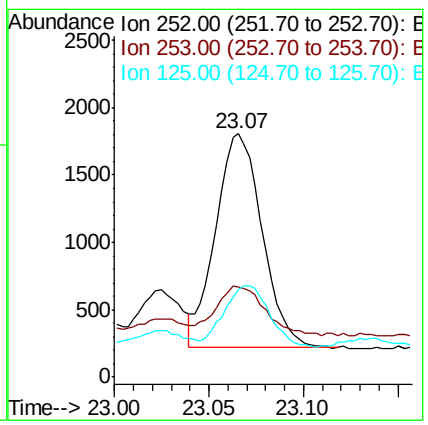


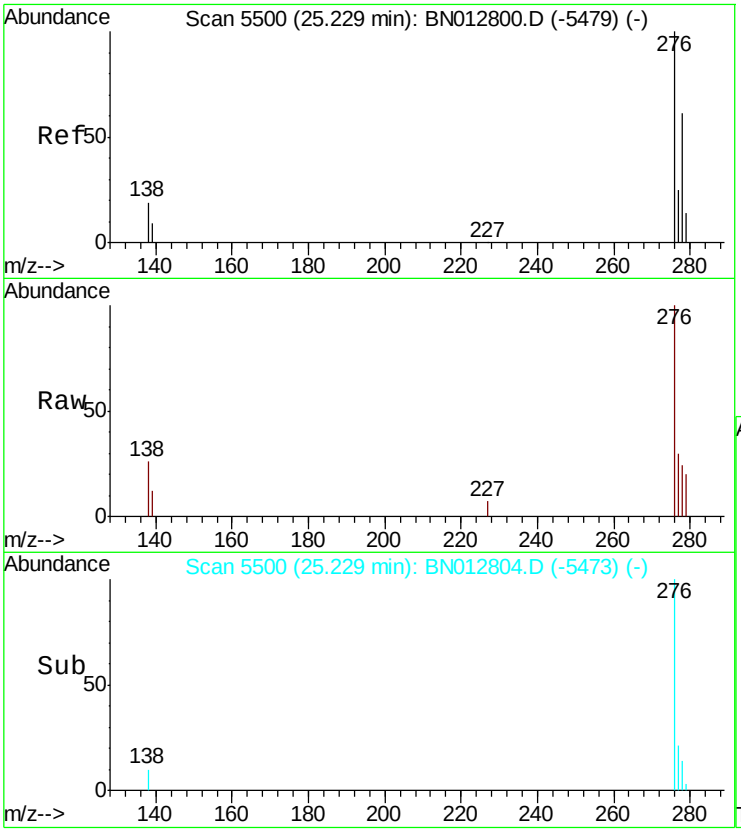


#23
Benzo(a)pyrene
Concen: 0.144 ng/ul
RT: 23.07 min Scan# 4770
Delta R.T. -0.01 min
Lab File: BN012804.D
Acq: 02 Dec 2020 05:05

Tgt Ion:252 Resp: 2729

Ion	Ratio	Lower	Upper
252	100		
253	36.8	27.6	41.4
125	35.7	17.0	25.4#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.090 ng/ul
RT: 25.23 min Scan# 5500
Delta R.T. -0.01 min
Lab File: BN012804.D
Acq: 02 Dec 2020 05:05

Instrument :
BNA_N
ClientSampleId :
C0B54

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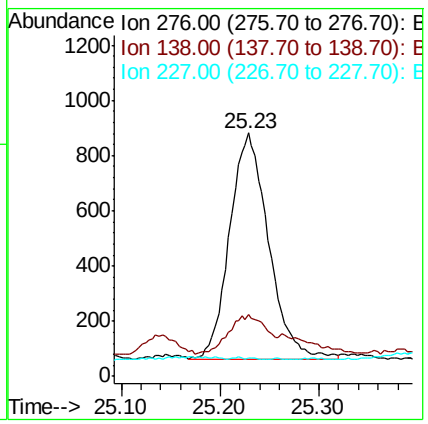
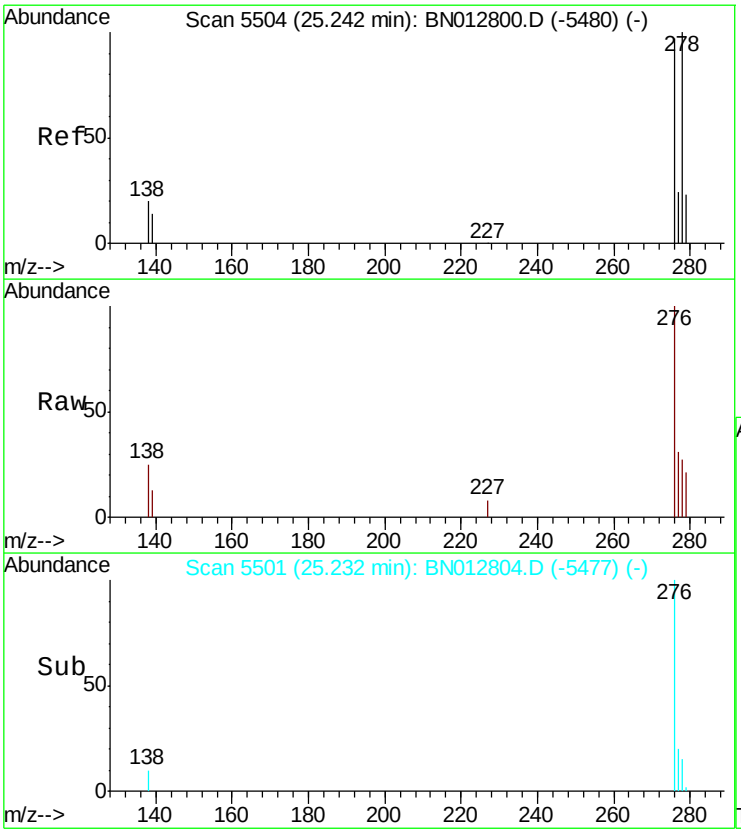
Tgt Ion:276 Resp: 2230

Ion	Ratio	Lower	Upper
276	100		
138	24.3	16.5	24.7
227	0.2	0.1	0.1#

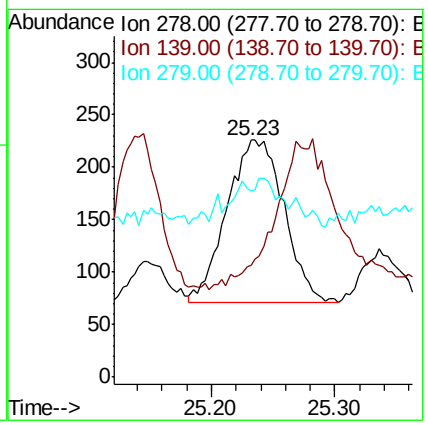


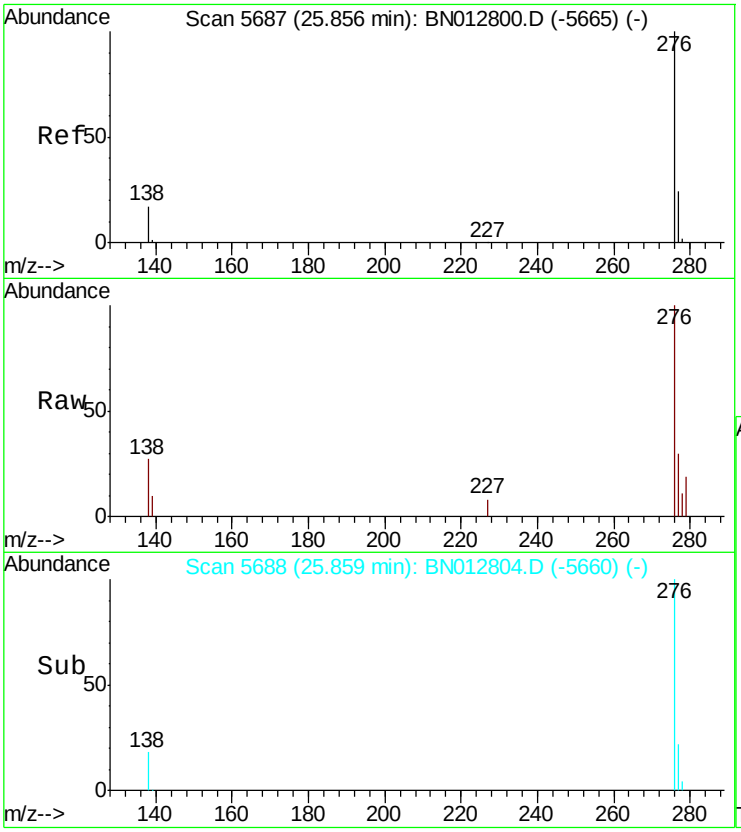


#25
Dibenzo(a,h)anthracene
Concen: 0.025 ng/ul
RT: 25.23 min Scan# 5501
Delta R.T. -0.02 min
Lab File: BN012804.D
Acq: 02 Dec 2020 05:05

Tgt Ion:278 Resp: 498

Ion	Ratio	Lower	Upper
278	100		
139	47.3	13.8	20.8#
279	78.3	25.6	38.4#

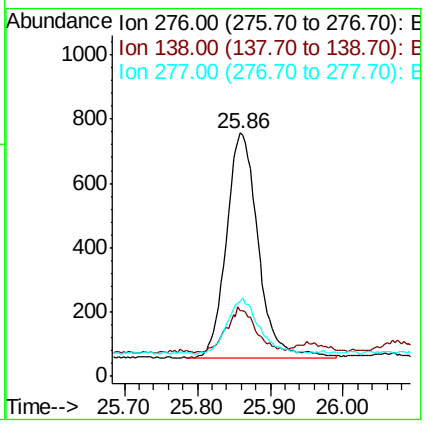




#26
Benzo(g,h,i)perylene
Concen: 0.096 ng/ul
RT: 25.86 min Scan# 5688
Delta R.T. -0.01 min
Lab File: BN012804.D
Acq: 02 Dec 2020 05:05

Tgt Ion:276 Resp: 2131

Ion	Ratio	Lower	Upper
276	100		
138	26.9	16.3	24.5#
277	30.4	21.8	32.8



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