Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
Data File : BN012808.D
Acq On : 02 Dec 2020 07:28
Operator : CG/JU
Sample : L4865-21
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Dec 02 08:14:38 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

Instrument : BNA_N
ClientSampleId : C0B19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	844	0.40	ng/ul	0.00
2) Naphthalene-d8	10.18	136	3417	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.08	164	1994	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.83	188	4307	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	3809	0.40	ng/ul	0.00
20) Perylene-d12	23.16	264	4113	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.79	152	553	0.11	ng/ul	0.00
14) Fluoranthene-d10	18.87	212	1328	0.12	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.23	128	306	0.030	ng/ul#	65
5) 2-Methylnaphthalene	11.87	142	163	0.025	ng/ul	91
7) Acenaphthylene	13.79	152	321	0.033	ng/ul#	66
12) Phenanthrene	16.87	178	7218	0.482	ng/ul	97
13) Anthracene	16.96	178	1435	0.110	ng/ul	95
15) Fluoranthene	18.90	202	18829	1.088	ng/ul	98
17) Pyrene	19.27	202	18165	1.066	ng/ul	99
18) Benzo(a)anthracene	21.03	228	8756	0.641	ng/ul	100
19) Chrysene	21.09	228	10248	0.601	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	14397m	0.761	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	5416m	0.248	ng/ul	
23) Benzo(a)pyrene	23.07	252	9929	0.558	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.22	276	7188	0.309	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.23	278	1692	0.090	ng/ul#	79
26) Benzo(g,h,i)perylene	25.86	276	6805	0.325	ng/ul	98

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

Quantitation Report (QT Reviewed)

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Operator : CG/JU
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Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Dec 02 08:14:38 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

Instrument :
BNA_N
ClientSampleId :
C0B19

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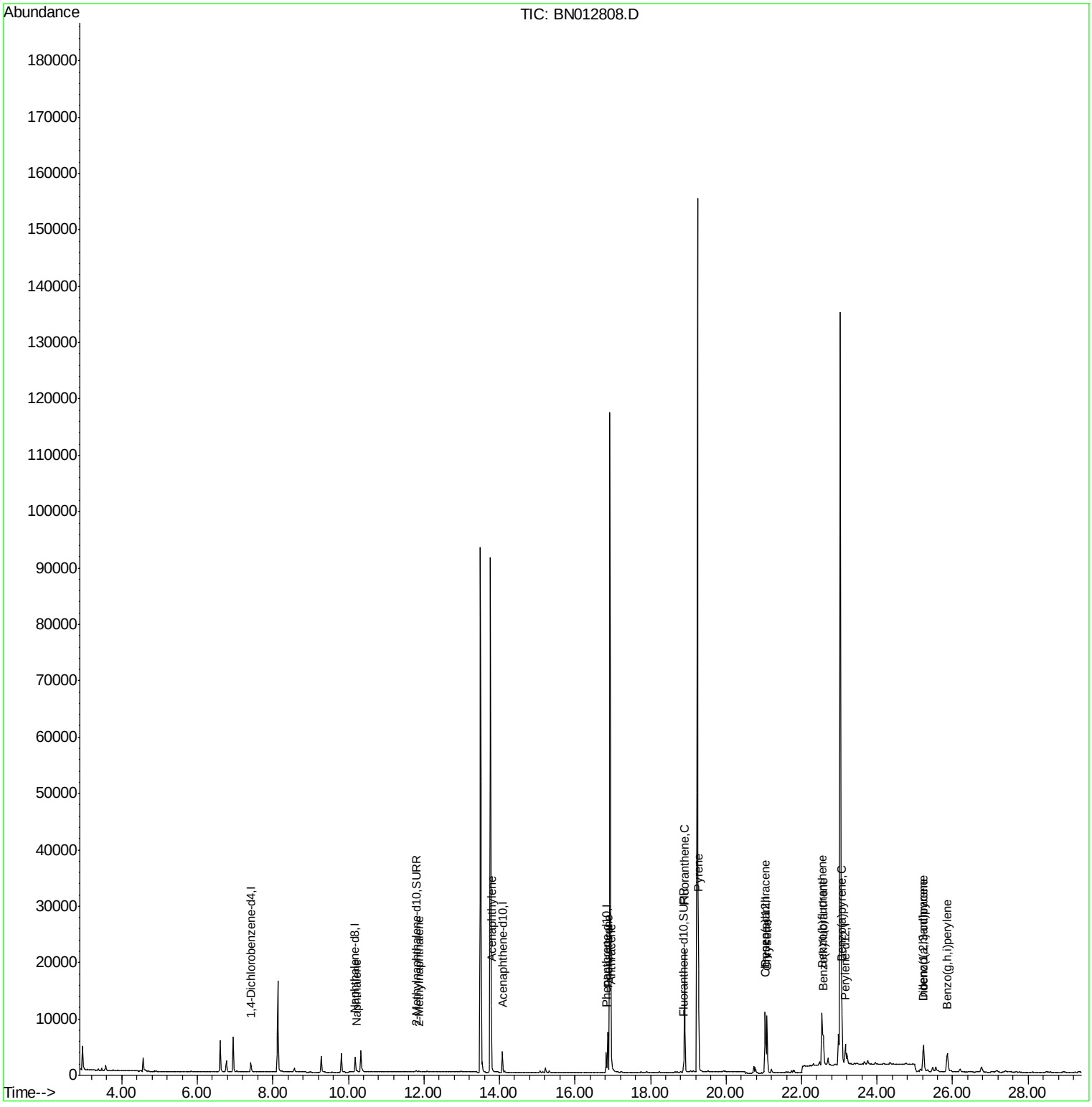

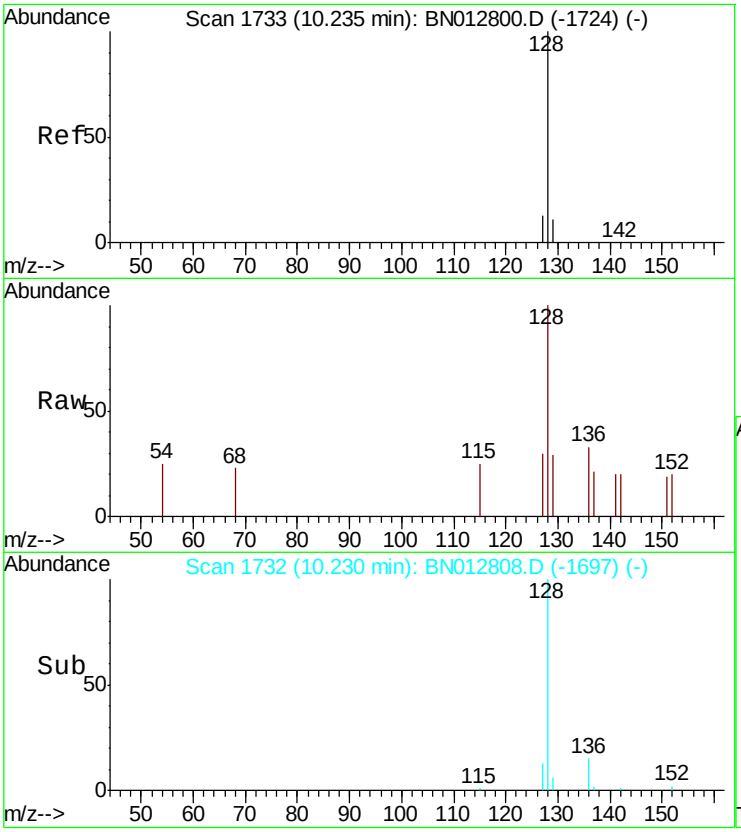

#3
Naphthalene
Concen: 0.030 ng/ul
RT: 10.23 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BN012808.D
Acq: 02 Dec 2020 07:28

Tgt Ion:128 Resp: 306

Ion	Ratio	Lower	Upper
128	100		
129	28.7	11.2	16.8#
127	29.9	12.5	18.7#

Instrument :
BNA_N
ClientSampleId :
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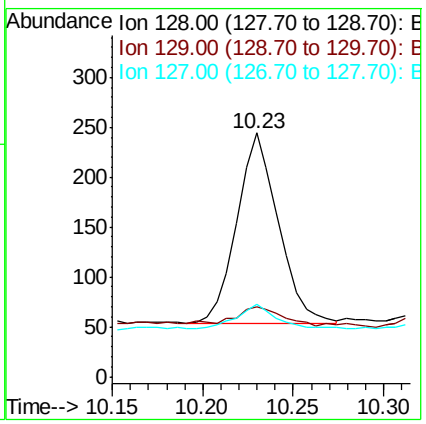
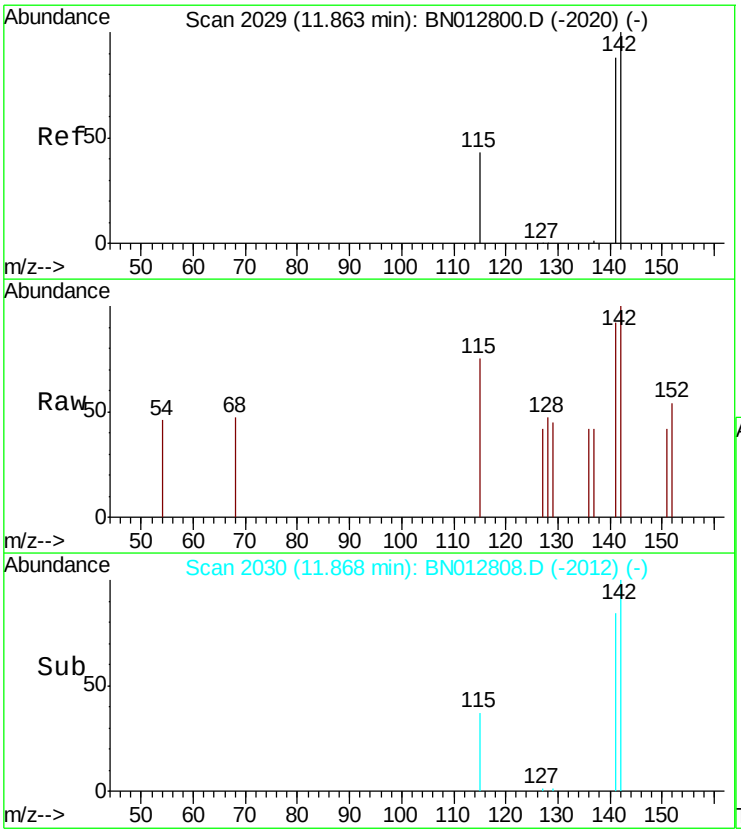
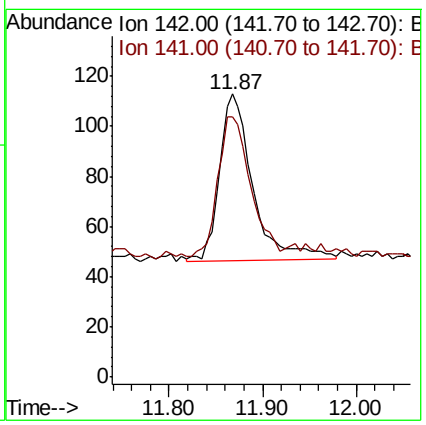


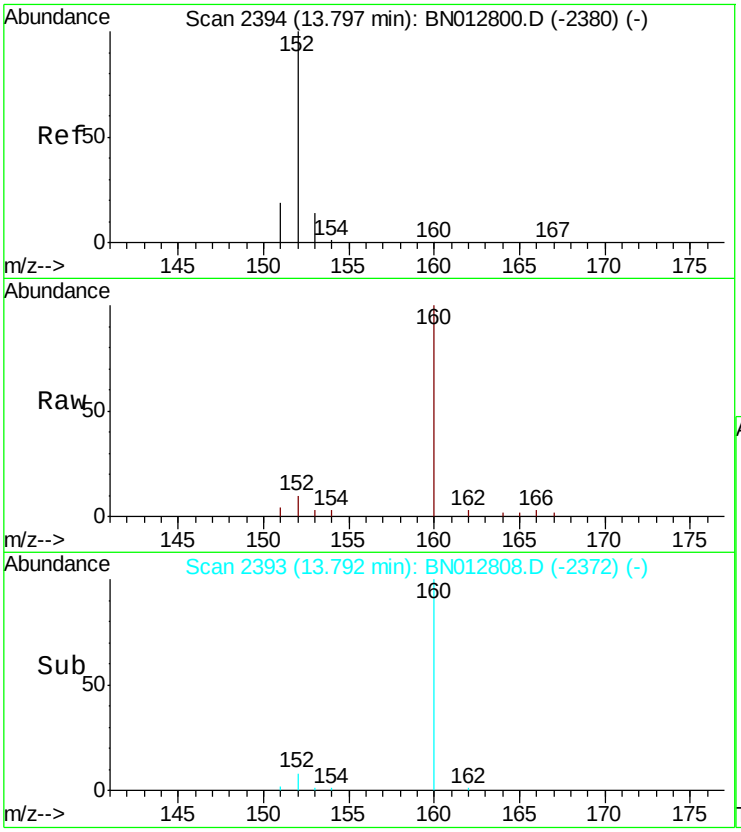


#5
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 11.87 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BN012808.D
Acq: 02 Dec 2020 07:28

Tgt Ion:142 Resp: 163

Ion	Ratio	Lower	Upper
142	100		
141	82.2	72.3	108.5

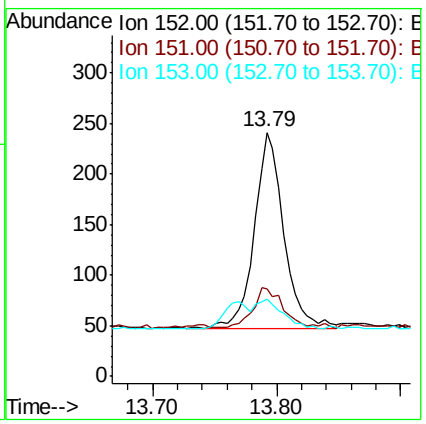




#7
Acenaphthylene
Concen: 0.033 ng/ul
RT: 13.79 min Scan# 2393
Delta R.T. -0.00 min
Lab File: BN012808.D
Acq: 02 Dec 2020 07:28

Tgt Ion:152 Resp: 321

Ion	Ratio	Lower	Upper
152	100		
151	36.1	17.1	25.7#
153	31.5	12.6	19.0#



Instrument :
BNA_N
ClientSampleId :
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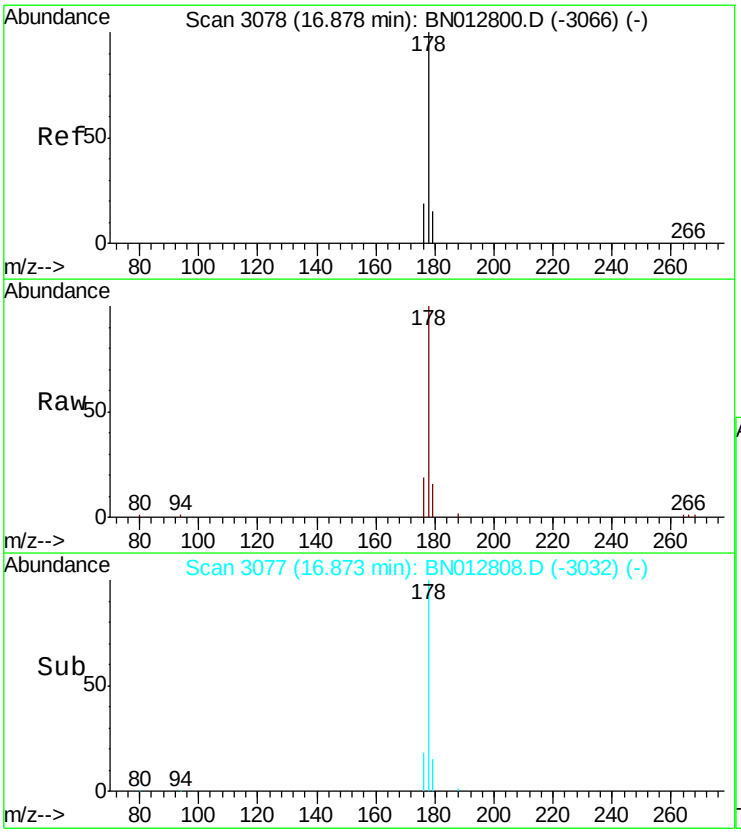
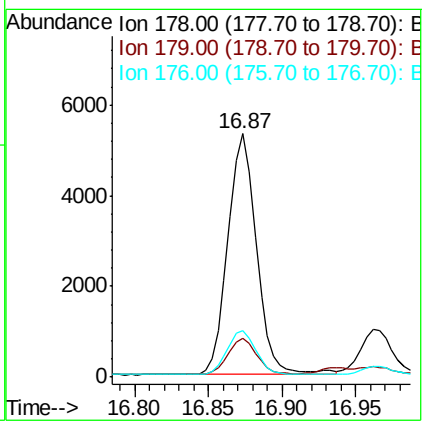
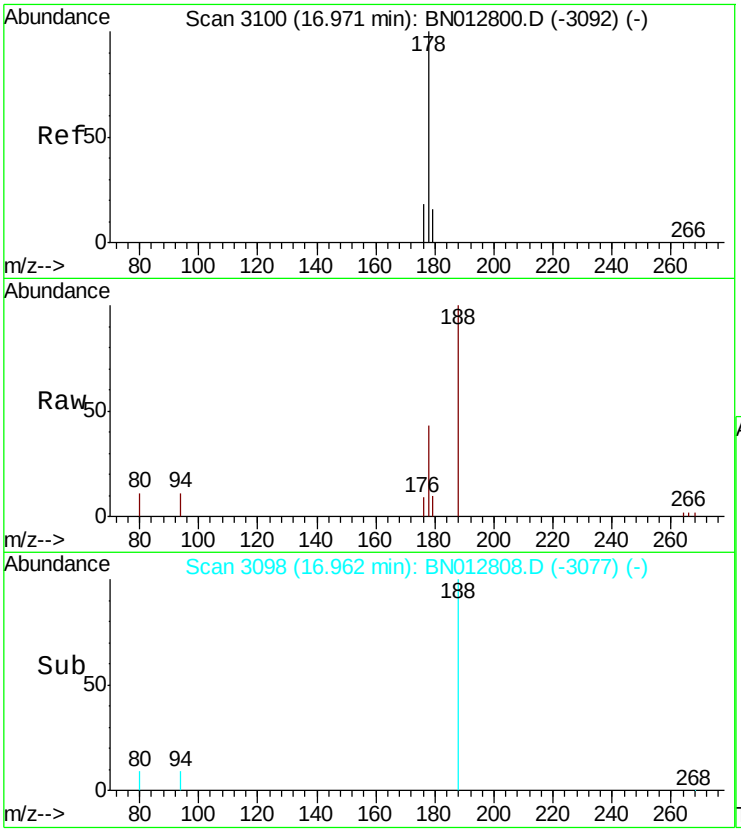


#12
Phenanthrene
Concen: 0.482 ng/ul
RT: 16.87 min Scan# 3077
Delta R.T. -0.01 min
Lab File: BN012808.D
Acq: 02 Dec 2020 07:28

Tgt Ion:178 Resp: 7218

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.8	20.6
176	19.3	16.7	25.1

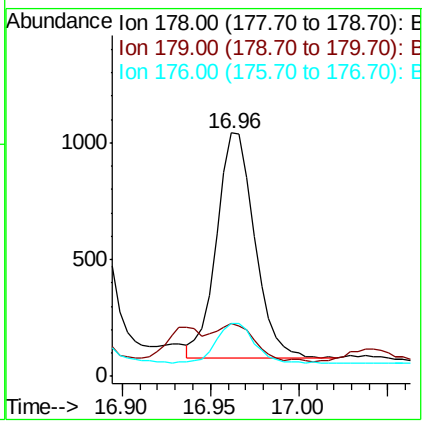




#13
Anthracene
Concen: 0.110 ng/ul
RT: 16.96 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BN012808.D
Acq: 02 Dec 2020 07:28

Tgt Ion:178 Resp: 1435

Ion	Ratio	Lower	Upper
178	100		
179	22.0	14.8	22.2
176	21.6	16.3	24.5



Instrument :
BNA_N
ClientSampleId :
C0B19

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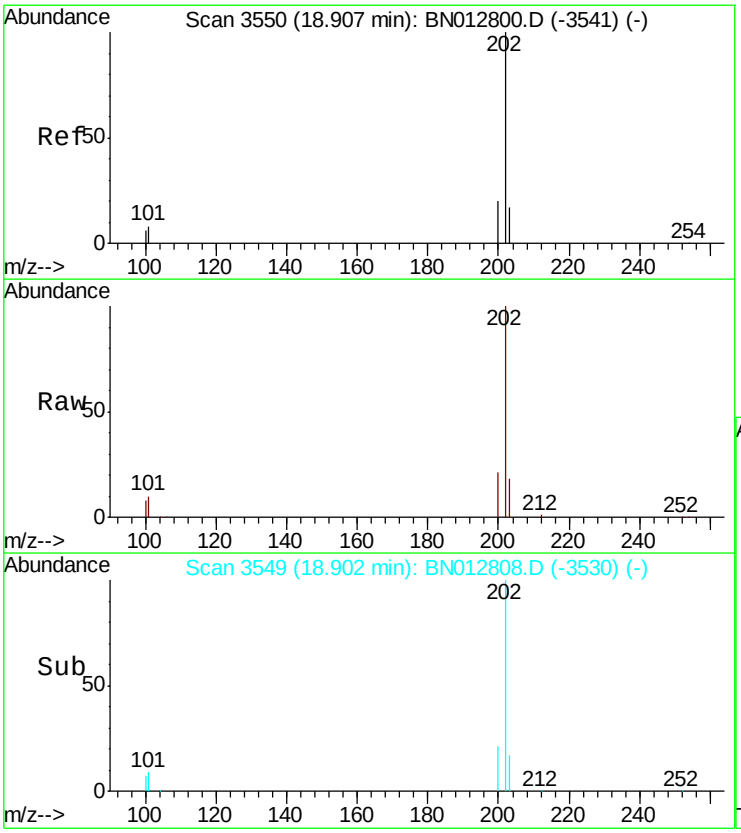
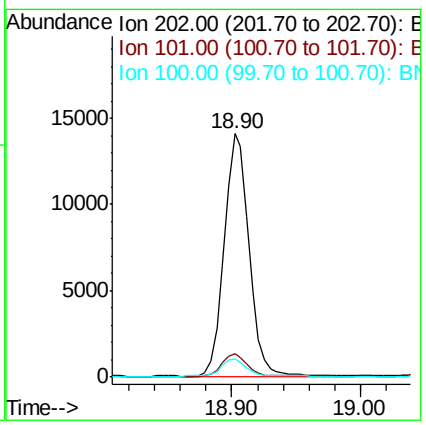
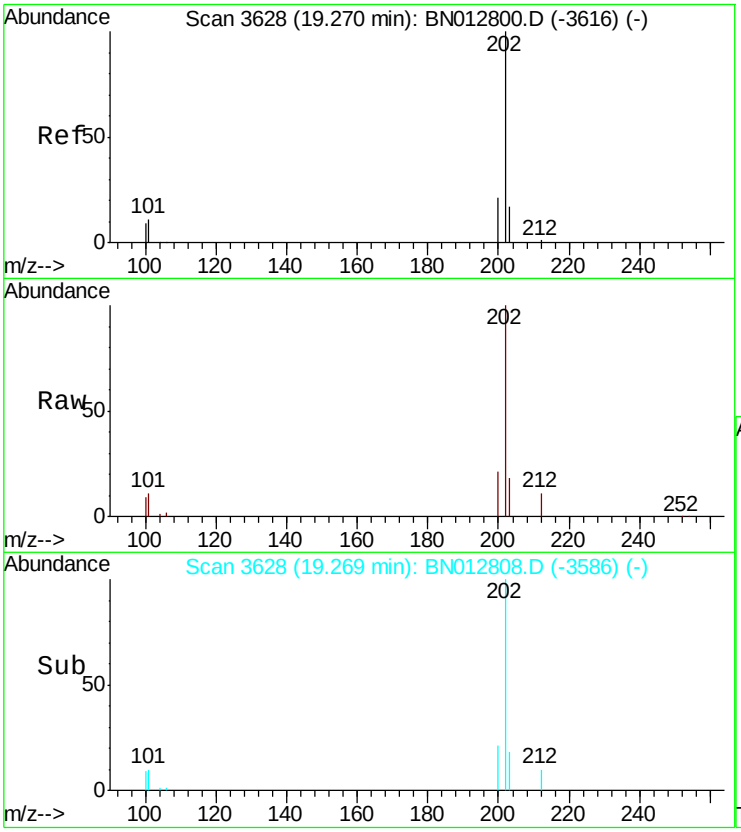


#15
Fluoranthene
Concen: 1.088 ng/ul
RT: 18.90 min Scan# 3549
Delta R.T. -0.01 min
Lab File: BN012808.D
Acq: 02 Dec 2020 07:28

Tgt Ion:202 Resp: 18829

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	30.5
100	7.5	0.0	28.4





#17
Pyrene
Concen: 1.066 ng/ul
RT: 19.27 min Scan# 3628
Delta R.T. -0.00 min
Lab File: BN012808.D
Acq: 02 Dec 2020 07:28

Tgt Ion:202 Resp: 18165

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.9	13.3
100	9.1	7.4	11.2

Instrument :
BNA_N
ClientSampleId :
C0B19

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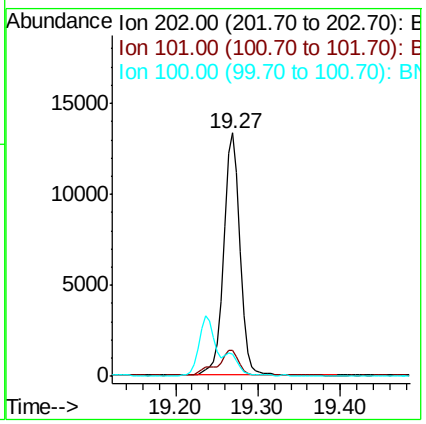
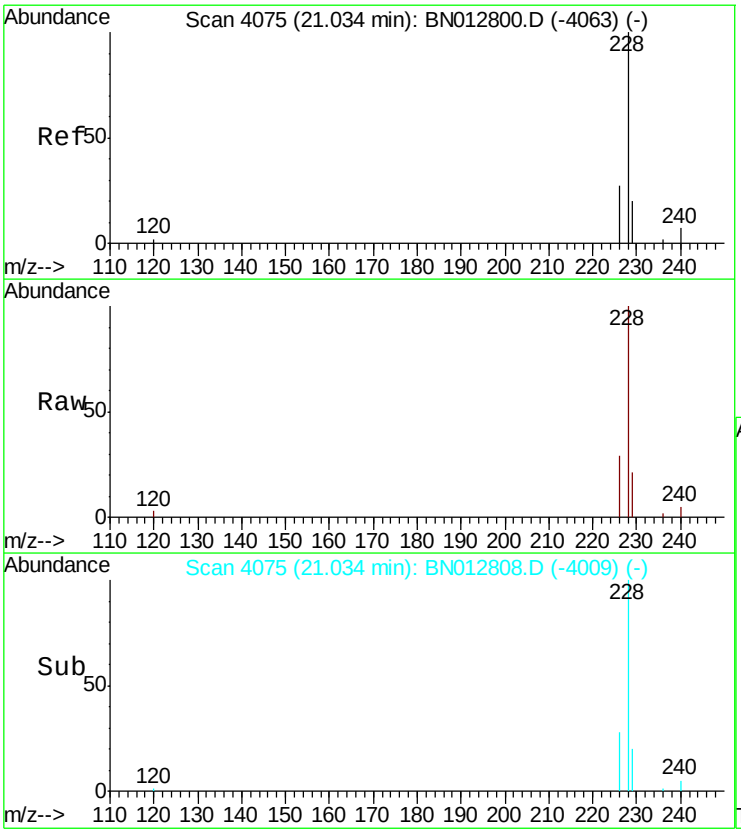
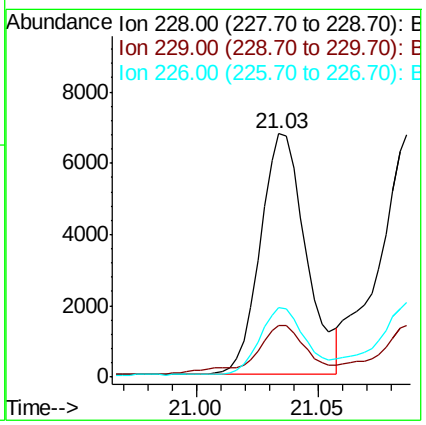


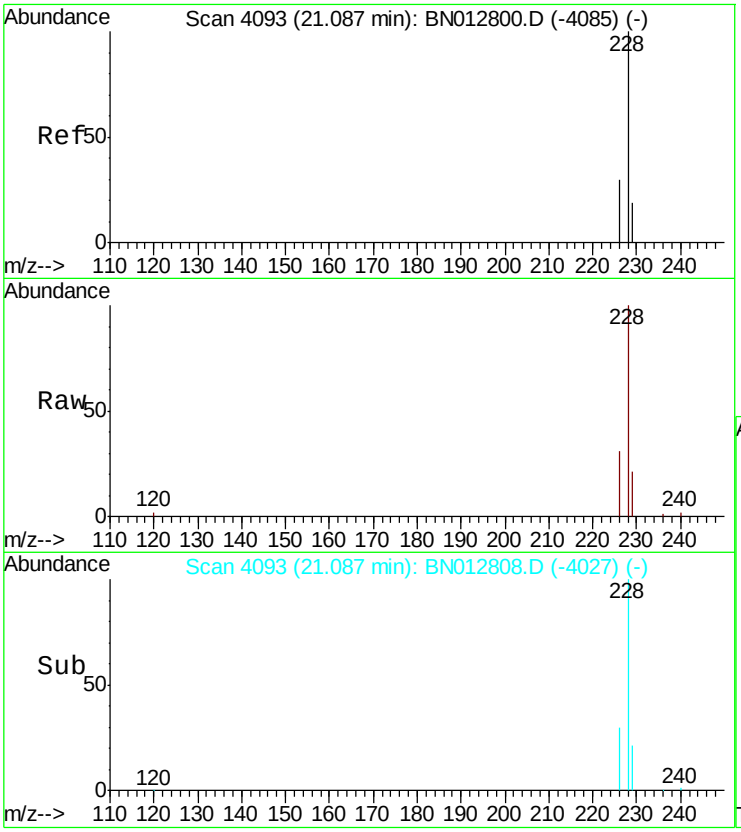


#18
Benzo(a)anthracene
Concen: 0.641 ng/ul
RT: 21.03 min Scan# 4075
Delta R.T. -0.01 min
Lab File: BN012808.D
Acq: 02 Dec 2020 07:28

Tgt Ion:228 Resp: 8756

Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.9	25.3
226	28.8	23.1	34.7

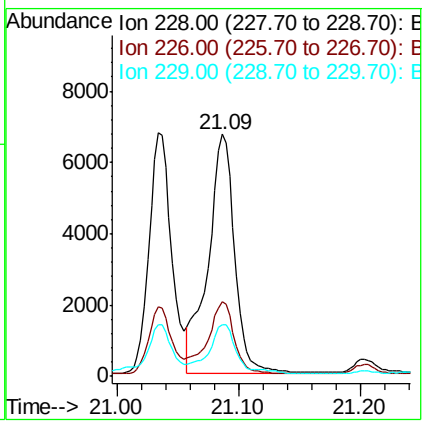




#19
Chrysene
Concen: 0.601 ng/ul
RT: 21.09 min Scan# 4093
Delta R.T. -0.01 min
Lab File: BN012808.D
Acq: 02 Dec 2020 07:28

Tgt Ion:228 Resp: 10248

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.4	36.6
229	21.4	16.1	24.1



Instrument :
BNA_N
ClientSampleId :
C0B19

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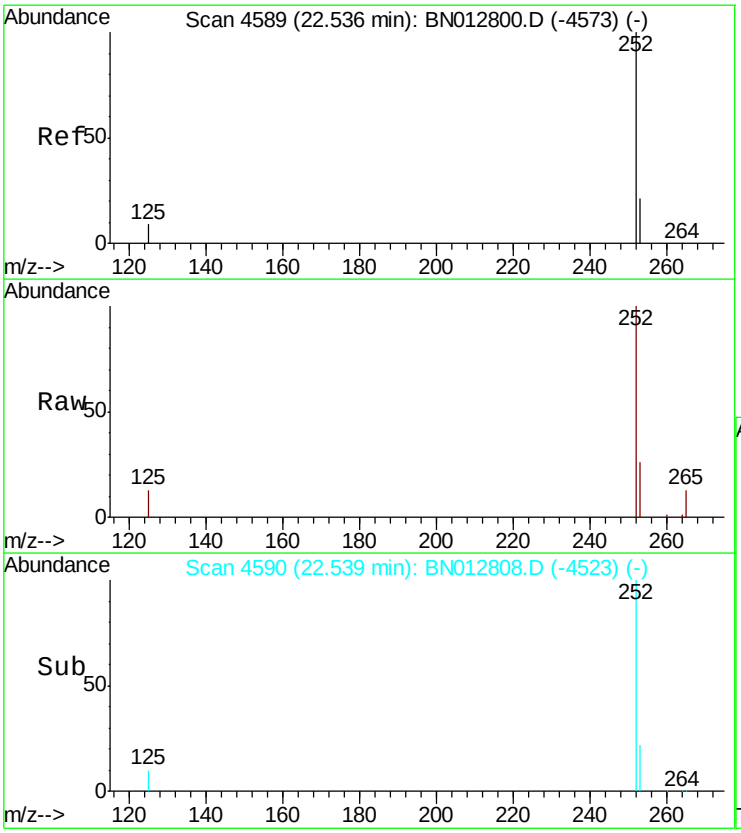
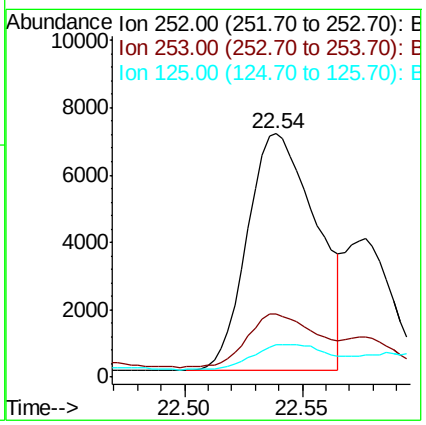
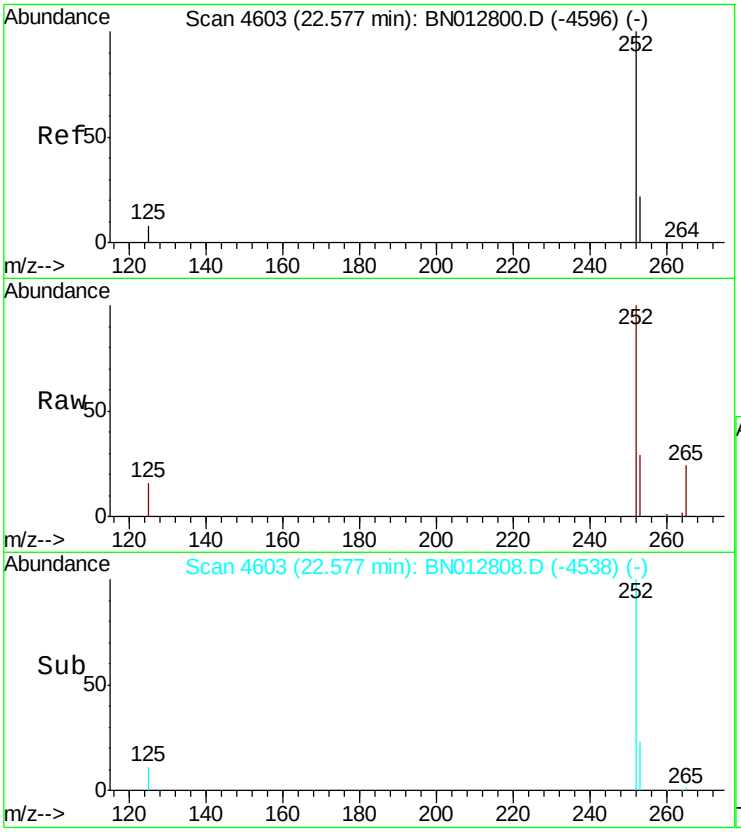


#21
Benzo(b)fluoranthene
Concen: 0.761 ng/ul m
RT: 22.54 min Scan# 4590
Delta R.T. -0.00 min
Lab File: BN012808.D
Acq: 02 Dec 2020 07:28

Tgt Ion:252 Resp: 14397

Ion	Ratio	Lower	Upper
252	100		
253	25.9	0.0	58.4
125	13.1	0.0	28.6





#22
Benzo(k)fluoranthene
Concen: 0.248 ng/ul m
RT: 22.58 min Scan# 4603
Delta R.T. -0.01 min
Lab File: BN012808.D
Acq: 02 Dec 2020 07:28

Tgt Ion:252 Resp: 5416

Ion	Ratio	Lower	Upper
252	100		
253	29.2	23.4	35.2
125	15.9	10.2	15.2#

Instrument :
BNA_N
ClientSampleId :
C0B19

Manual Integrations APPROVED
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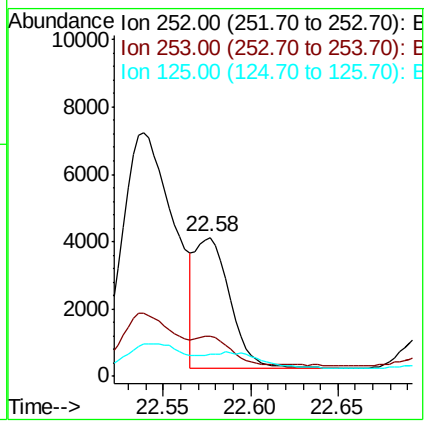
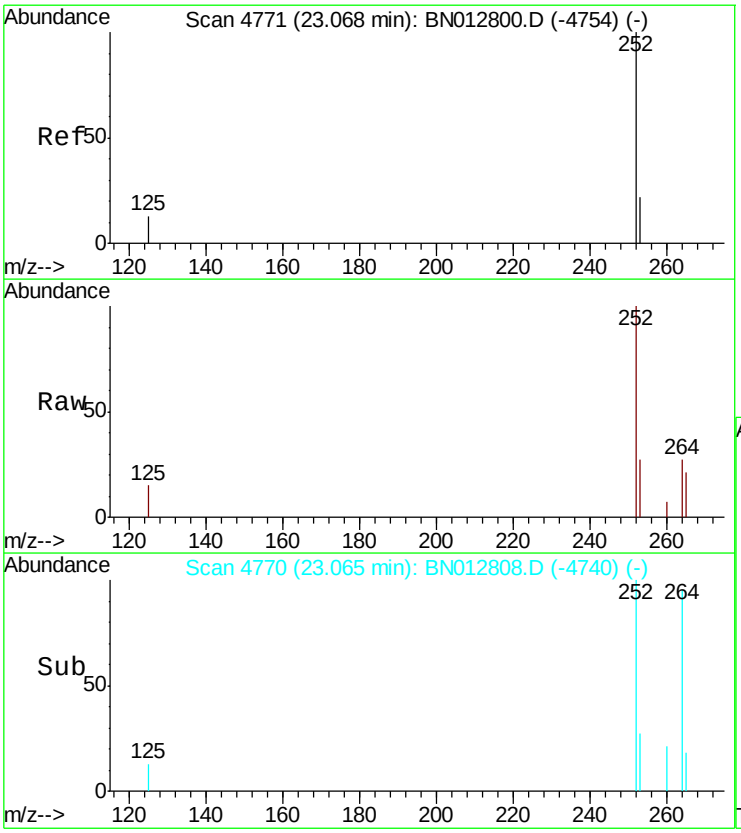
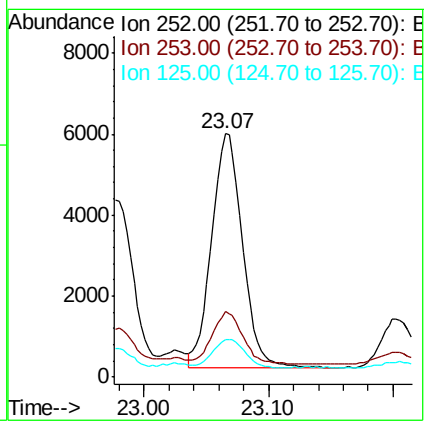


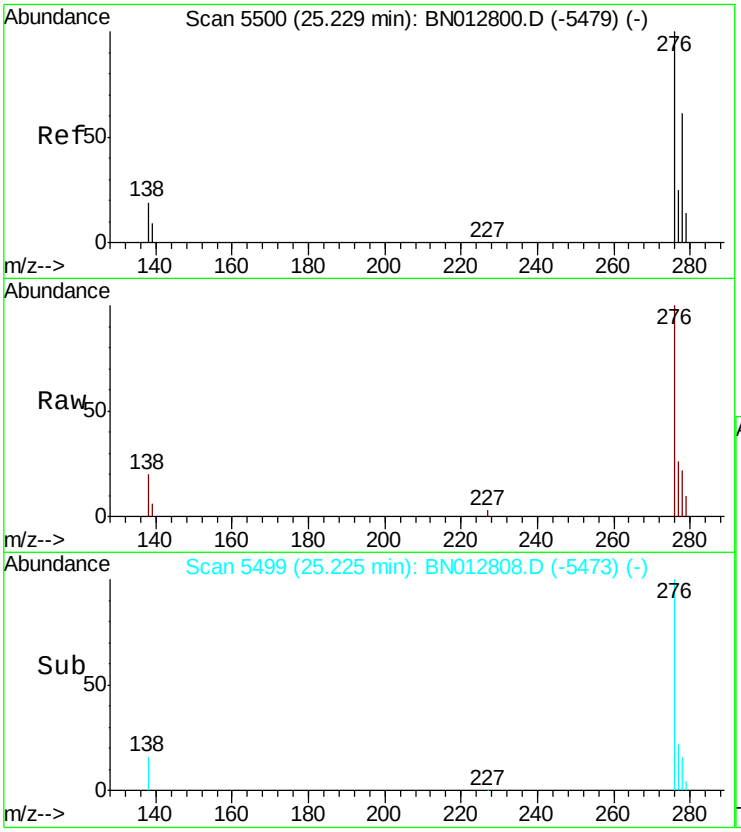


#23
Benzo(a)pyrene
Concen: 0.558 ng/ul
RT: 23.07 min Scan# 4770
Delta R.T. -0.01 min
Lab File: BN012808.D
Acq: 02 Dec 2020 07:28

Tgt Ion:252 Resp: 9929

Ion	Ratio	Lower	Upper
252	100		
253	27.0	27.6	41.4#
125	15.5	17.0	25.4#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.309 ng/ul
RT: 25.22 min Scan# 5499
Delta R.T. -0.01 min
Lab File: BN012808.D
Acq: 02 Dec 2020 07:28

Tgt Ion:276 Resp: 7188

Ion	Ratio	Lower	Upper
276	100		
138	18.2	16.5	24.7
227	0.3	0.1	0.1#

Instrument :
BNA_N
ClientSampleId :
C0B19

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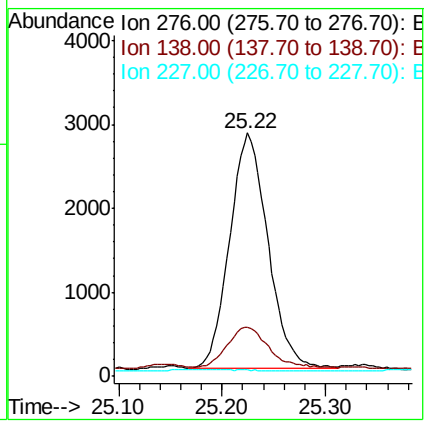
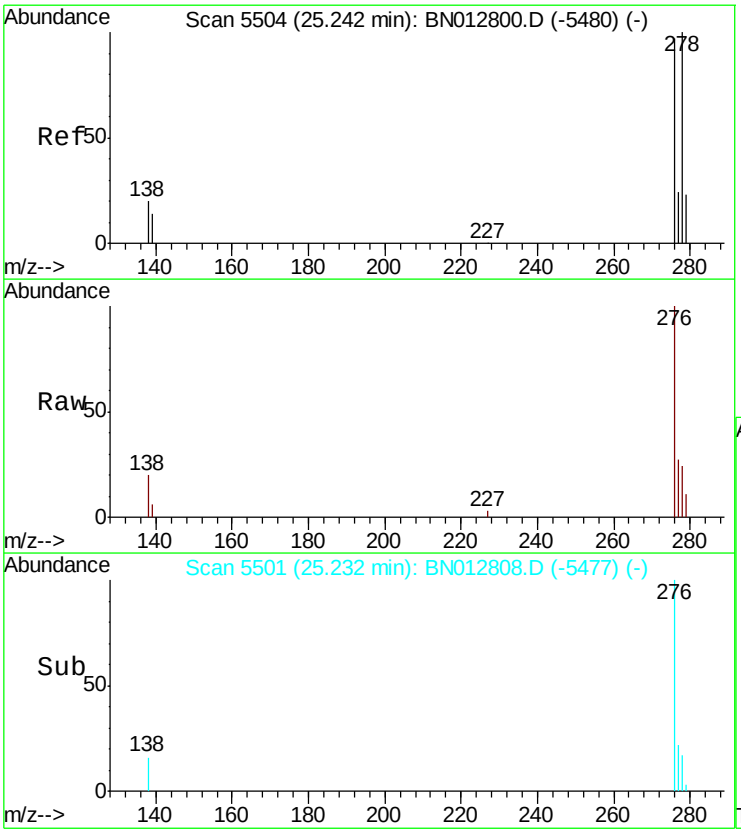
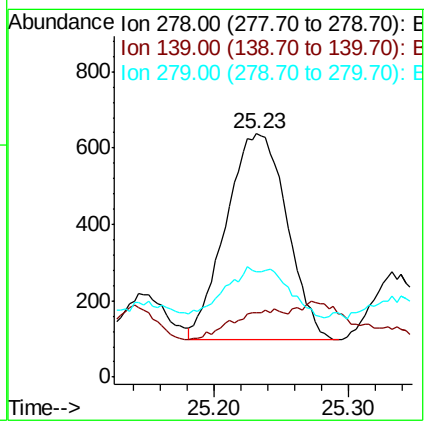


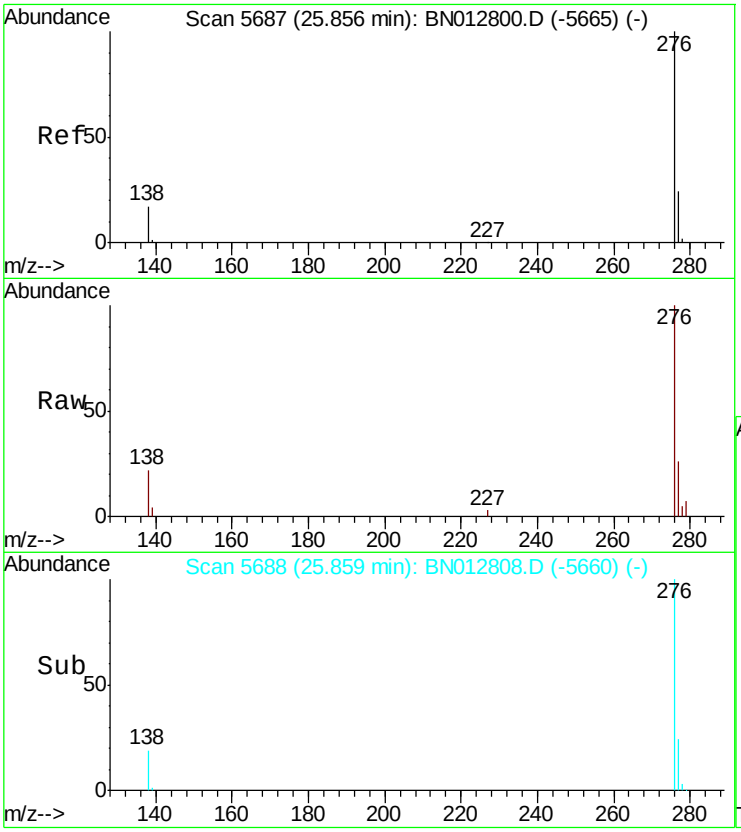


#25
Dibenzo(a,h)anthracene
Concen: 0.090 ng/ul
RT: 25.23 min Scan# 5501
Delta R.T. -0.02 min
Lab File: BN012808.D
Acq: 02 Dec 2020 07:28

Tgt Ion:278 Resp: 1692

Ion	Ratio	Lower	Upper
278	100		
139	26.6	13.8	20.8#
279	43.3	25.6	38.4#

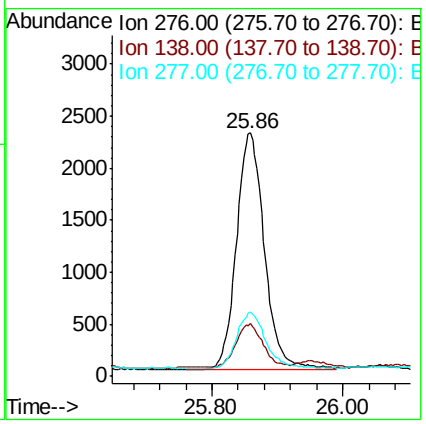




#26
Benzo(g,h,i)perylene
Concen: 0.325 ng/ul
RT: 25.86 min Scan# 5688
Delta R.T. -0.01 min
Lab File: BN012808.D
Acq: 02 Dec 2020 07:28

Tgt Ion:276 Resp: 6805

Ion	Ratio	Lower	Upper
276	100		
138	21.8	16.3	24.5
277	26.5	21.8	32.8



Instrument :
BNA_N
ClientSampleId :
C0B19

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