Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN013002.D
Acq On : 09 Dec 2020 08:17
Operator : CG/JU
Sample : L4862-07
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0B61

Manual Integrations APPROVED
mohammad
12/9/2020 12:26:02 PM

Quant Time: Dec 09 09:15:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 07:33:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1455	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	5858	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.05	164	3266	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	6860m	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4068	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	3453	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	2572	0.30	ng/ul	-0.01
14) Fluoranthene-d10	18.85	212	4540	0.24	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.19	128	1114	0.066	ng/ul#	94
5) 2-Methylnaphthalene	11.82	142	742	0.067	ng/ul	95
7) Acenaphthylene	13.76	152	2381	0.154	ng/ul	99
8) Acenaphthene	14.11	153	463	0.037	ng/ul#	90
9) Fluorene	15.11	166	643	0.044	ng/ul#	95
12) Phenanthrene	16.85	178	16661	0.724	ng/ul	97
13) Anthracene	16.94	178	3153	0.161	ng/ul	97
15) Fluoranthene	18.88	202	57134	2.090	ng/ul	99
17) Pyrene	19.25	202	48028	2.500	ng/ul	98
18) Benzo(a)anthracene	21.01	228	22260	1.323	ng/ul	97
19) Chrysene	21.07	228	29406	1.581	ng/ul	98
21) Benzo(b)fluoranthene	22.51	252	42875m	2.684	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	15737m	0.891	ng/ul	
23) Benzo(a)pyrene	23.04	252	23770	1.604	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.18	276	18140	0.932	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.19	278	4275	0.278	ng/ul#	75
26) Benzo(g,h,i)perylene	25.82	276	18184	1.032	ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN013002.D
Acq On : 09 Dec 2020 08:17
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Misc :
ALS Vial : 72 Sample Multiplier: 1

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Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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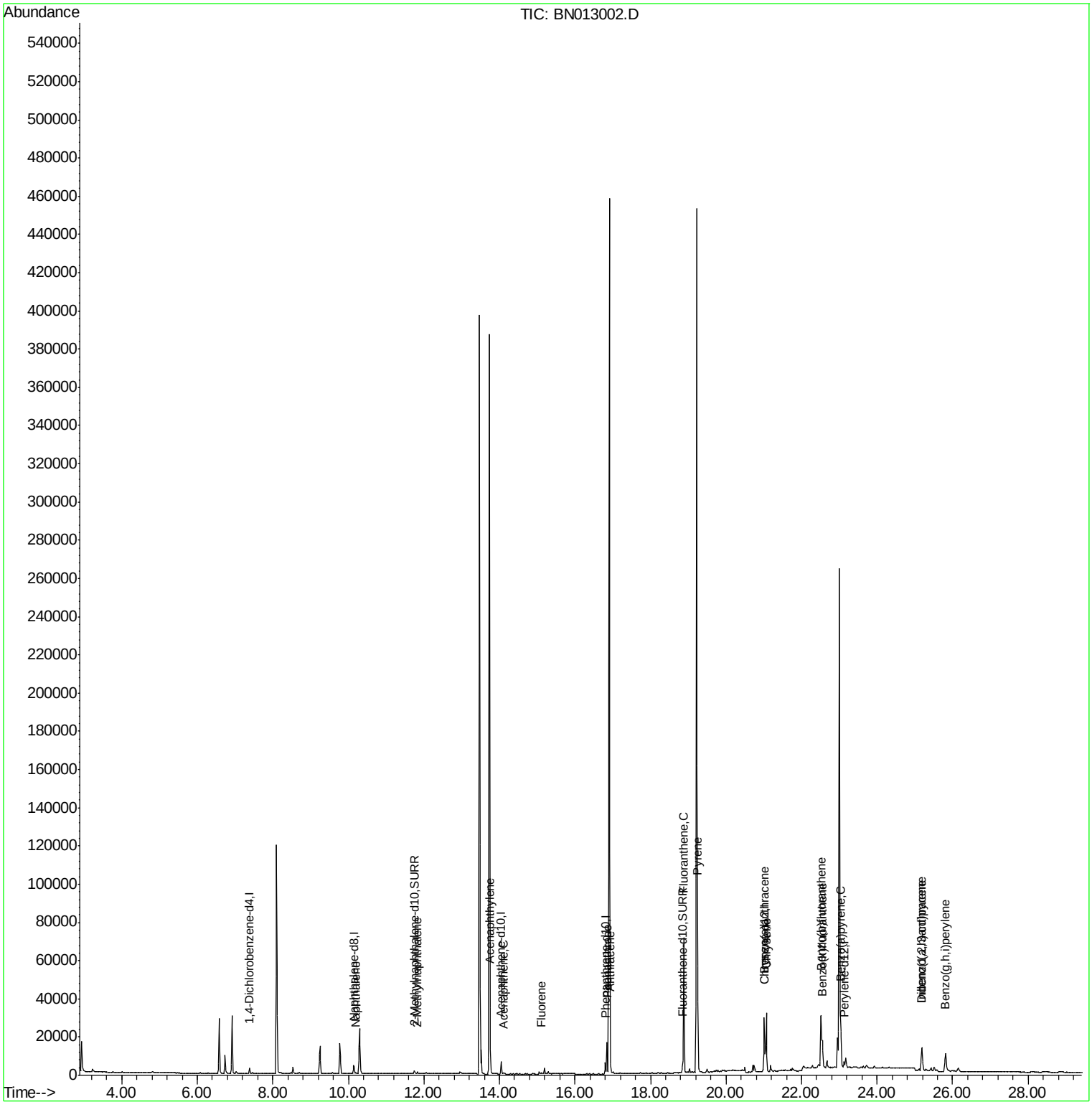

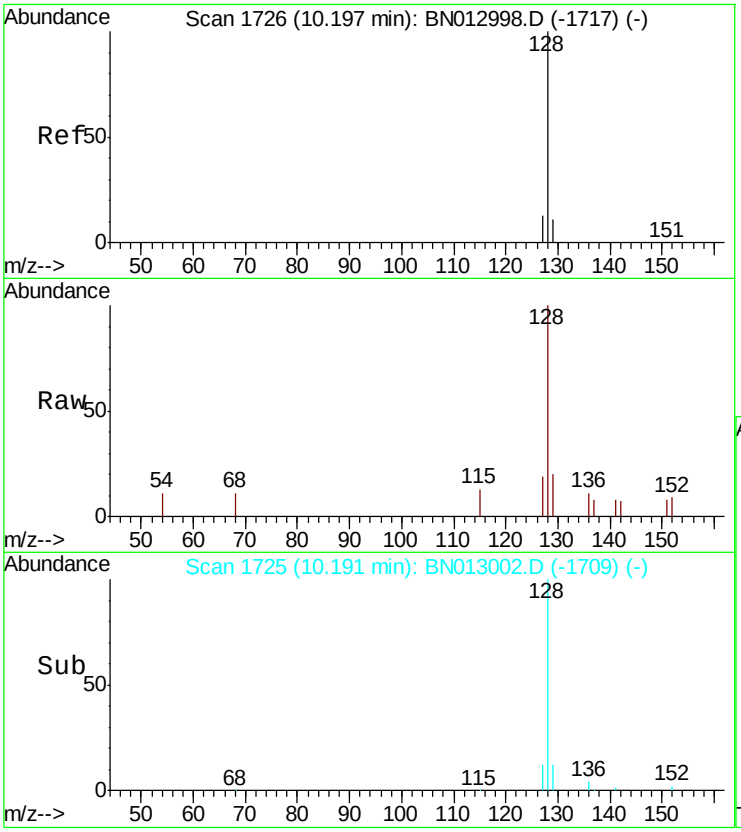

#3
Naphthalene
Concen: 0.066 ng/ul
RT: 10.19 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BN013002.D
Acq: 09 Dec 2020 08:17

Tgt Ion:128 Resp: 1114

Ion	Ratio	Lower	Upper
128	100		
129	20.3	12.3	18.5#
127	18.6	14.2	21.4

Instrument :
BNA_N
ClientSampleId :
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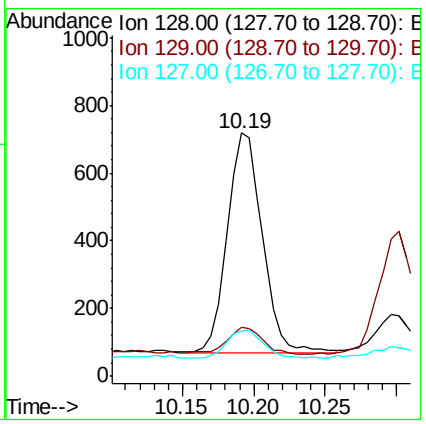
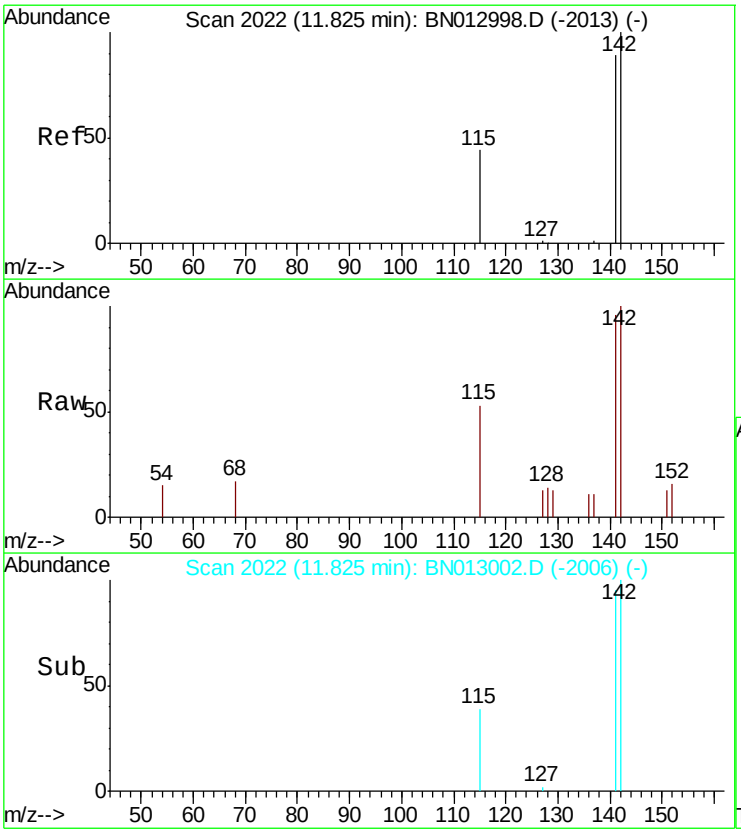
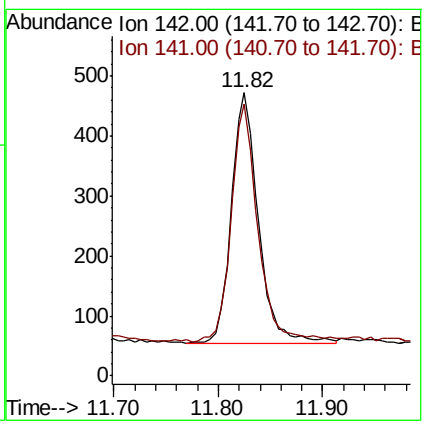


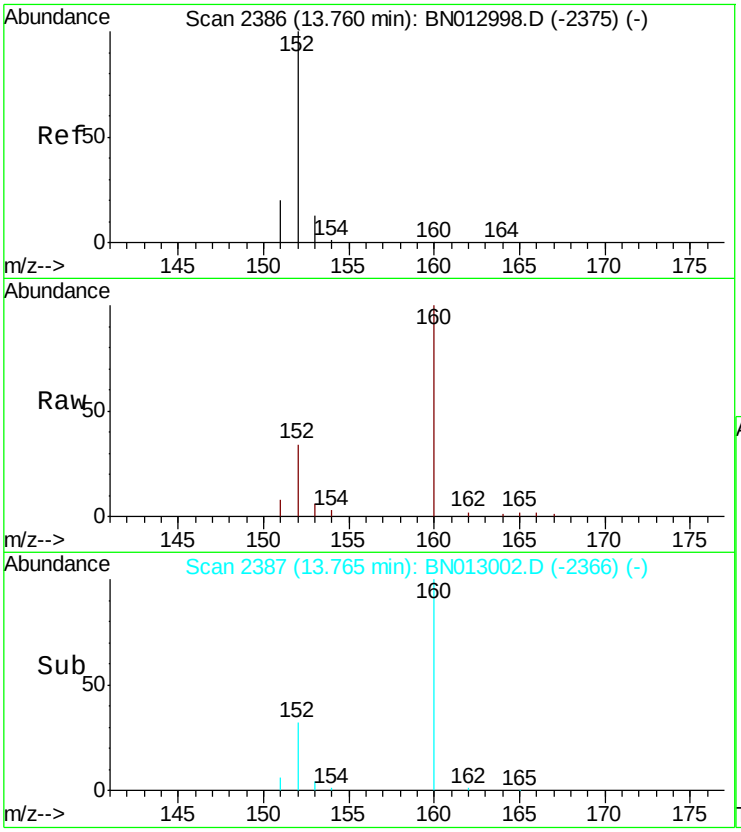


#5
2-Methylnaphthalene
Concen: 0.067 ng/ul
RT: 11.82 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BN013002.D
Acq: 09 Dec 2020 08:17

Tgt Ion:142 Resp: 742

Ion	Ratio	Lower	Upper
142	100		
141	95.8	73.0	109.6

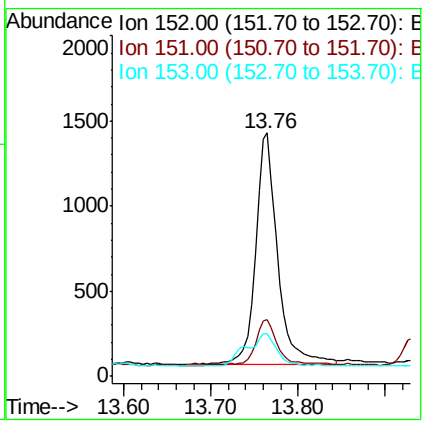




#7
Acenaphthylene
Concen: 0.154 ng/ul
RT: 13.76 min Scan# 2387
Delta R.T. -0.00 min
Lab File: BN013002.D
Acq: 09 Dec 2020 08:17

Tgt Ion:152 Resp: 2381

Ion	Ratio	Lower	Upper
152	100		
151	23.1	18.2	27.4
153	17.3	13.1	19.7



Instrument :
BNA_N
ClientSampleId :
C0B61

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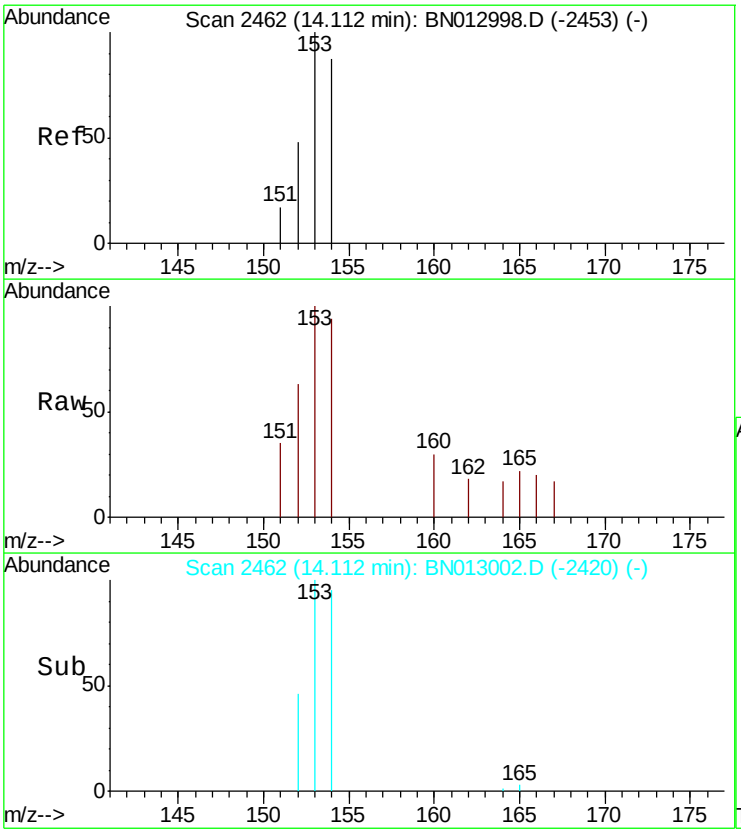
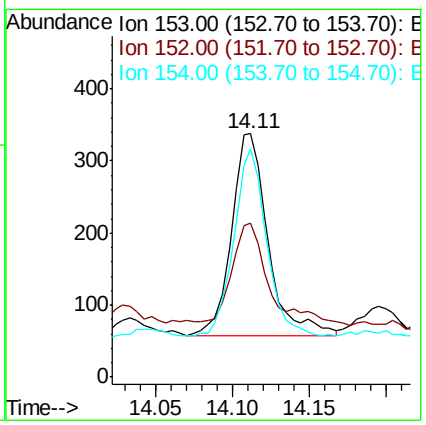
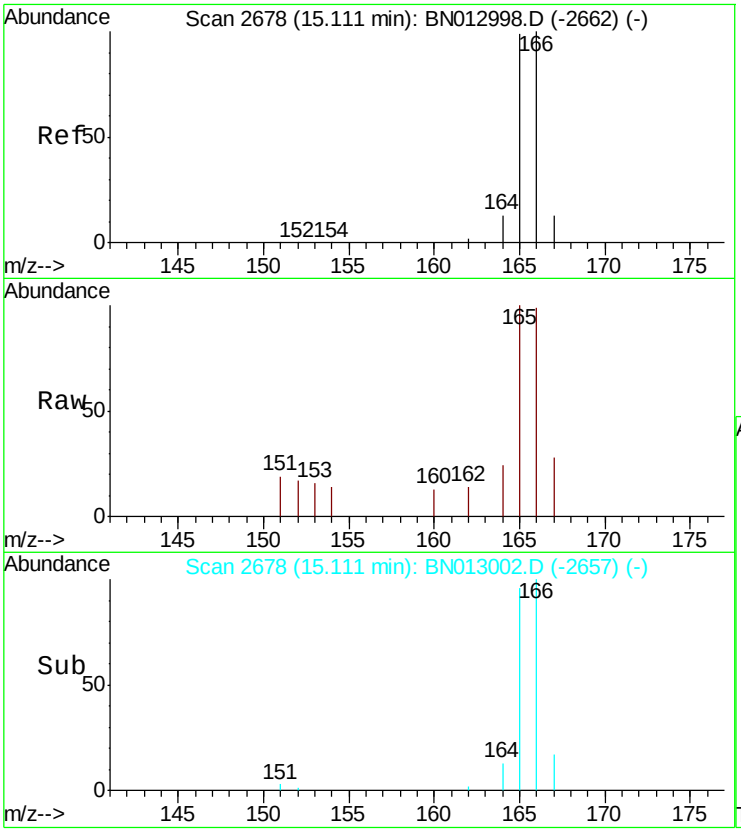


#8
Acenaphthene
Concen: 0.037 ng/ul
RT: 14.11 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BN013002.D
Acq: 09 Dec 2020 08:17

Tgt Ion:153 Resp: 463

Ion	Ratio	Lower	Upper
153	100		
152	63.3	40.7	61.1#
154	93.8	70.8	106.2

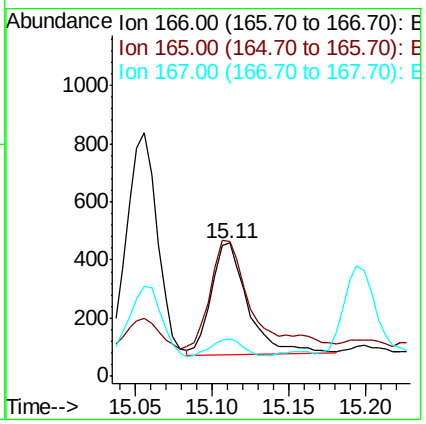




#9
Fluorene
Concen: 0.044 ng/ul
RT: 15.11 min Scan# 2678
Delta R.T. -0.00 min
Lab File: BN013002.D
Acq: 09 Dec 2020 08:17

Tgt Ion:166 Resp: 643

Ion	Ratio	Lower	Upper
166	100		
165	101.1	79.8	119.8
167	28.2	13.8	20.8#



Instrument :
BNA_N
ClientSampleId :
C0B61

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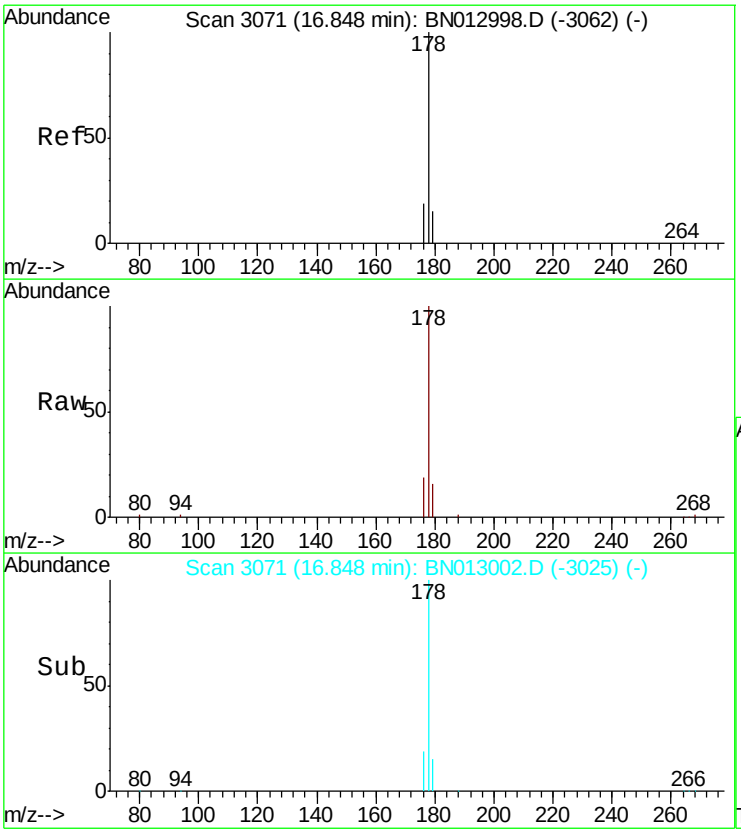
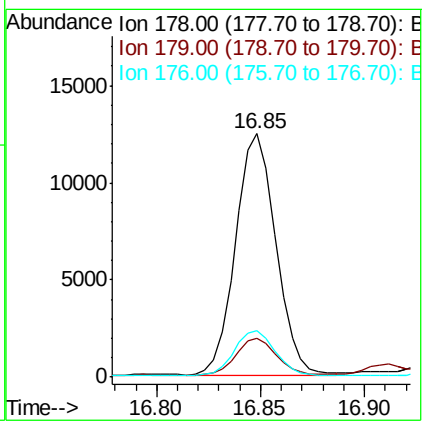
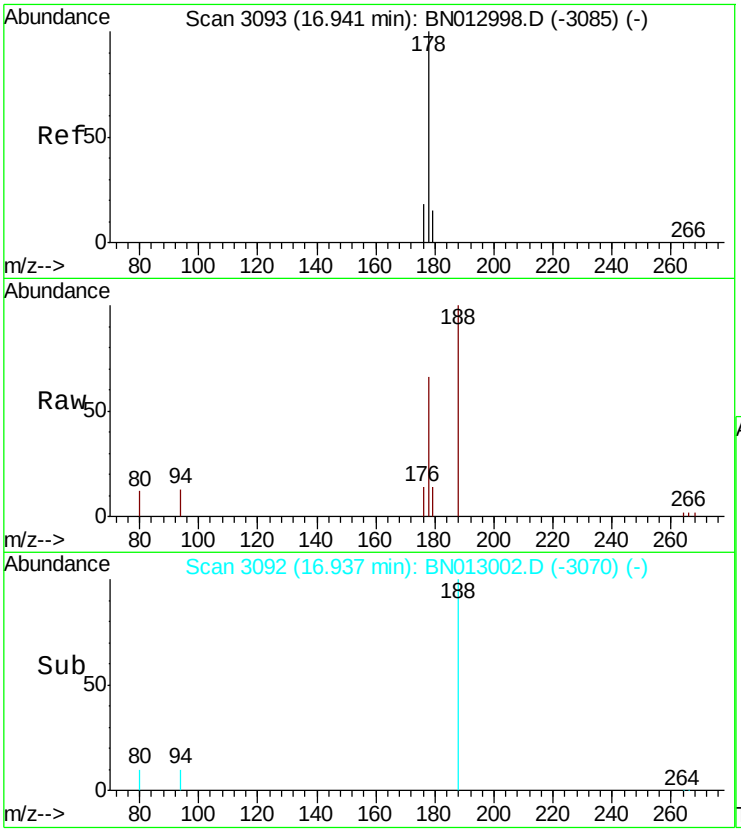


#12
Phenanthrene
Concen: 0.724 ng/ul
RT: 16.85 min Scan# 3071
Delta R.T. -0.00 min
Lab File: BN013002.D
Acq: 09 Dec 2020 08:17

Tgt Ion:178 Resp: 16661

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.6	20.4
176	19.2	16.4	24.6





#13
Anthracene
Concen: 0.161 ng/ul
RT: 16.94 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BN013002.D
Acq: 09 Dec 2020 08:17

Tgt Ion:178 Resp: 3153

Ion	Ratio	Lower	Upper
178	100		
179	20.4	14.6	21.8
176	21.8	17.1	25.7

Instrument :
BNA_N
ClientSampleId :
C0B61

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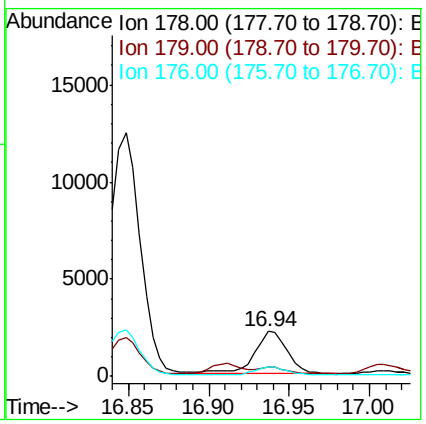
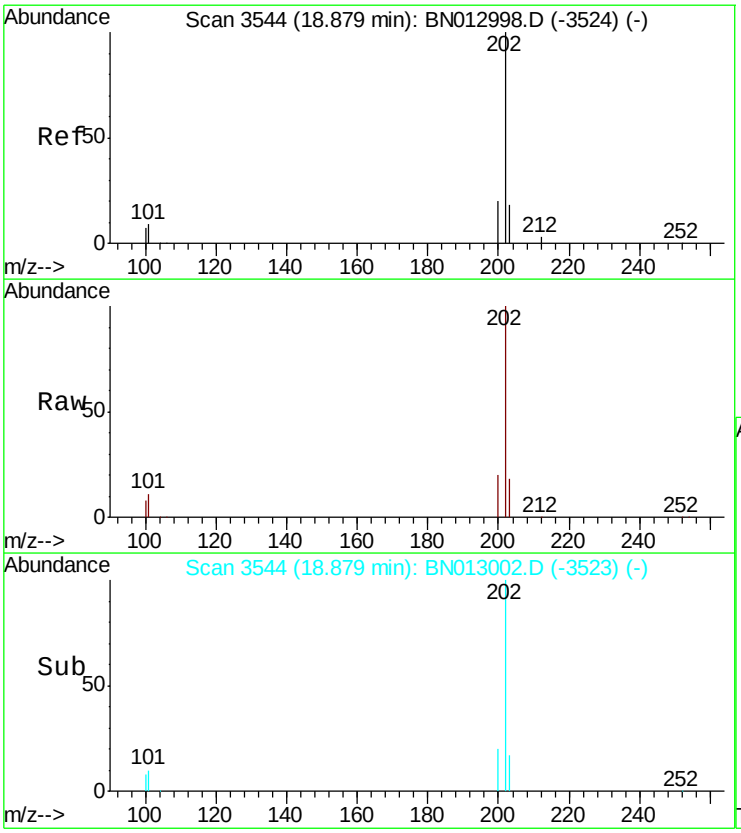
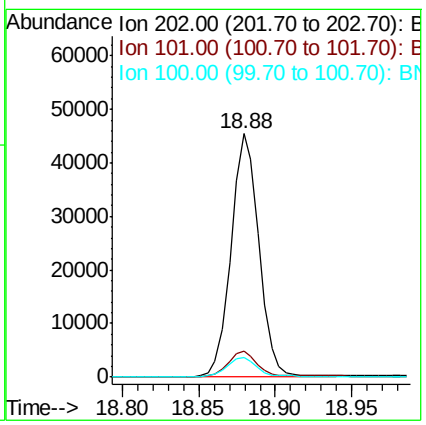


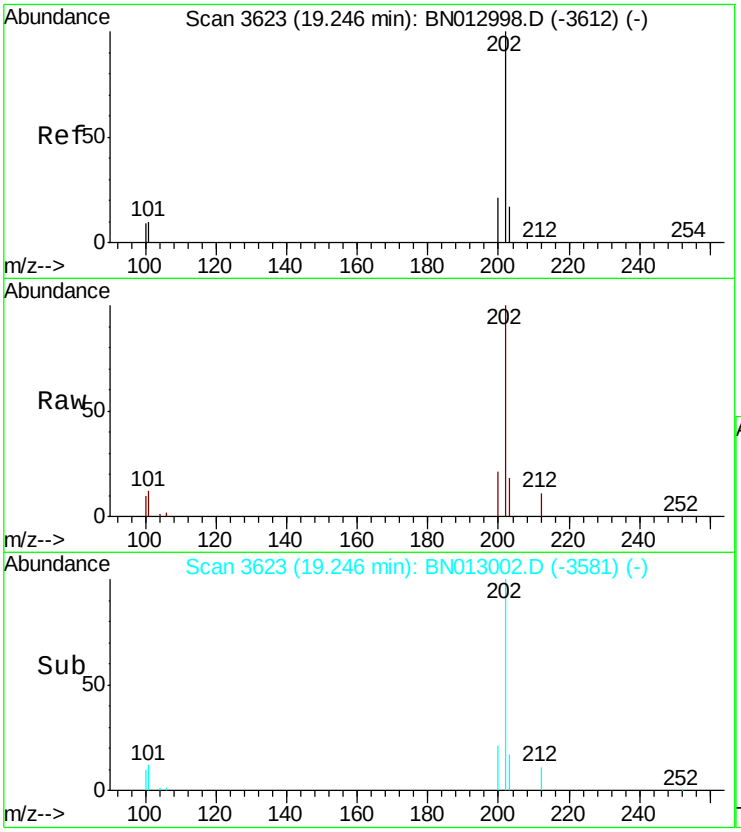


#15
Fluoranthene
Concen: 2.090 ng/ul
RT: 18.88 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BN013002.D
Acq: 09 Dec 2020 08:17

Tgt Ion:202 Resp: 57134

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.6
100	8.1	0.0	28.7

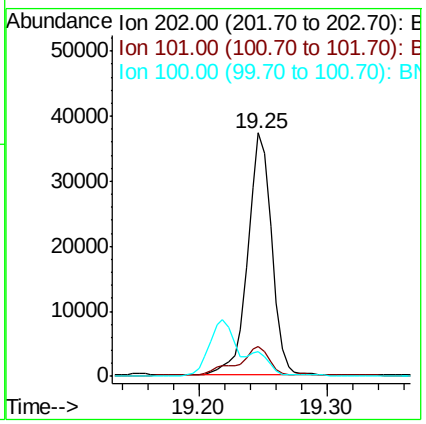




#17
Pyrene
Concen: 2.500 ng/ul
RT: 19.25 min Scan# 3623
Delta R.T. -0.00 min
Lab File: BN013002.D
Acq: 09 Dec 2020 08:17

Tgt Ion:202 Resp: 48028

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.1	13.7
100	10.3	7.5	11.3



Instrument :
BNA_N
ClientSampleId :
C0B61

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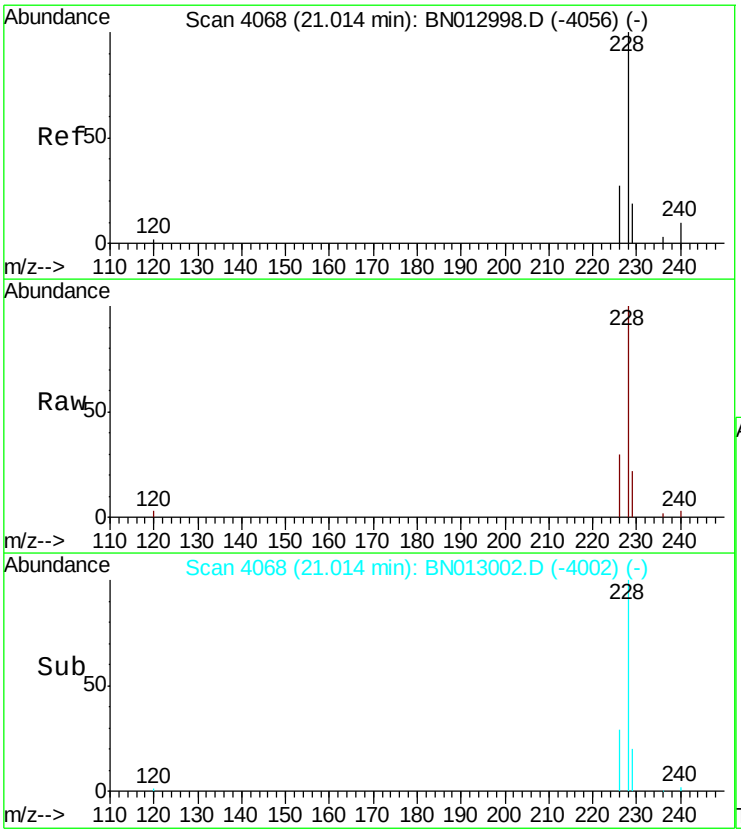
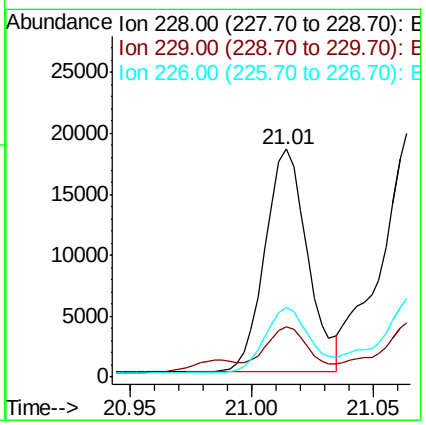
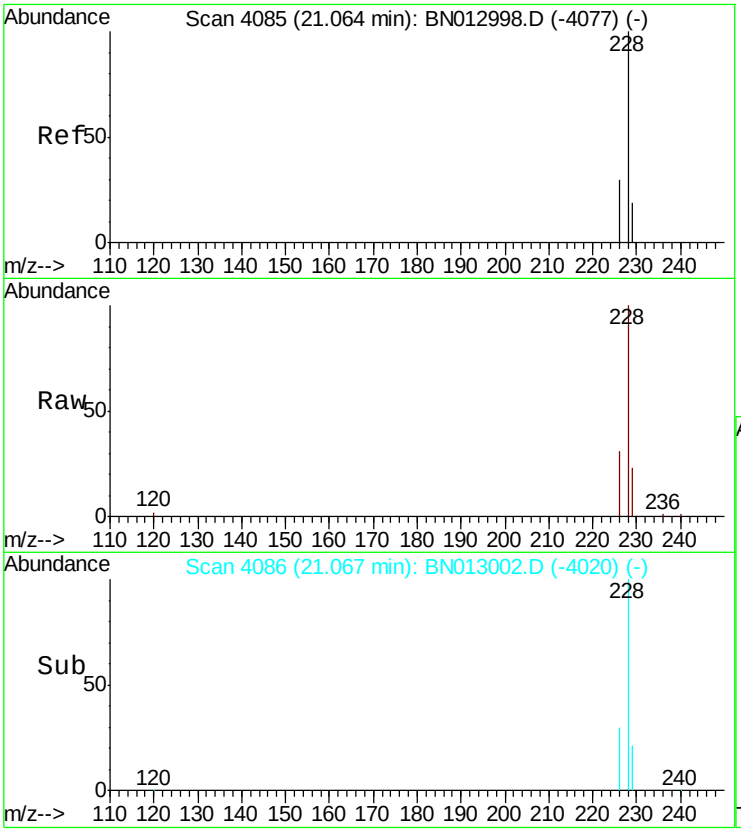


#18
Benzo(a)anthracene
Concen: 1.323 ng/ul
RT: 21.01 min Scan# 4068
Delta R.T. -0.01 min
Lab File: BN013002.D
Acq: 09 Dec 2020 08:17

Tgt Ion:228 Resp: 22260

Ion	Ratio	Lower	Upper
228	100		
229	22.1	16.3	24.5
226	30.5	23.4	35.2

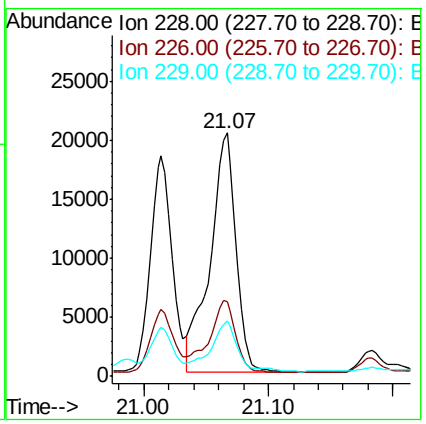




#19
Chrysene
Concen: 1.581 ng/ul
RT: 21.07 min Scan# 4086
Delta R.T. -0.01 min
Lab File: BN013002.D
Acq: 09 Dec 2020 08:17

Tgt Ion:228 Resp: 29406

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	22.8	16.4	24.6



Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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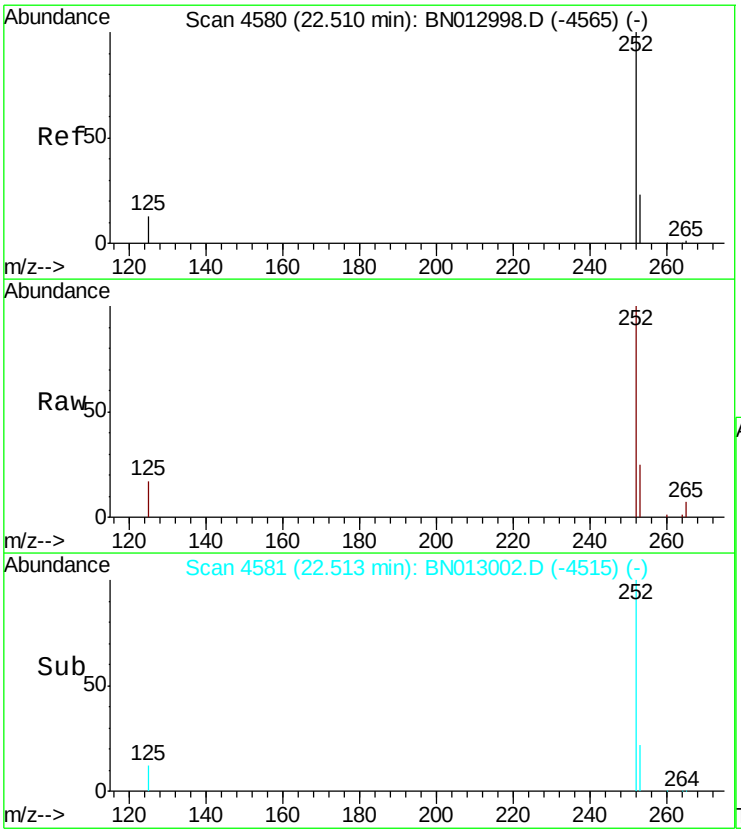
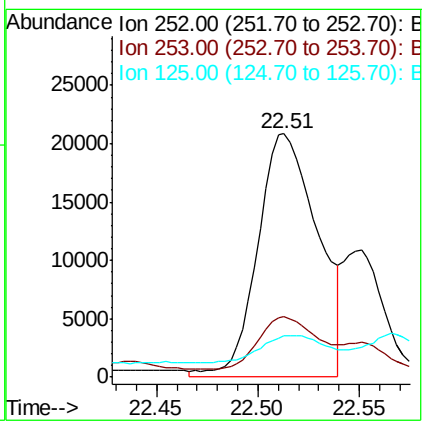
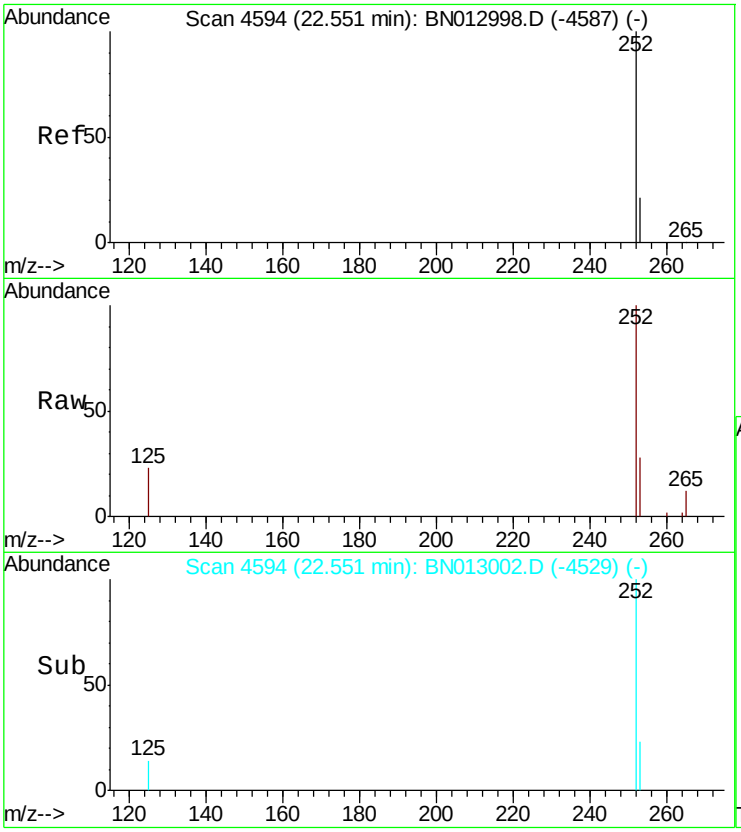


#21
Benzo(b)fluoranthene
Concen: 2.684 ng/ul m
RT: 22.51 min Scan# 4581
Delta R.T. -0.01 min
Lab File: BN013002.D
Acq: 09 Dec 2020 08:17

Tgt Ion:252 Resp: 42875

Ion	Ratio	Lower	Upper
252	100		
253	24.8	0.0	59.6
125	16.8	0.0	26.0





#22
Benzo(k)fluoranthene
Concen: 0.891 ng/ul m
RT: 22.55 min Scan# 4594
Delta R.T. -0.01 min
Lab File: BN013002.D
Acq: 09 Dec 2020 08:17

Tgt Ion:252 Resp: 15737

Ion	Ratio	Lower	Upper
252	100		
253	27.9	23.4	35.2
125	23.3	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
C0B61

Manual Integrations APPROVED
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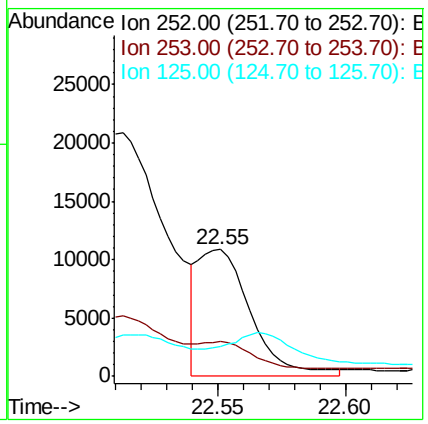
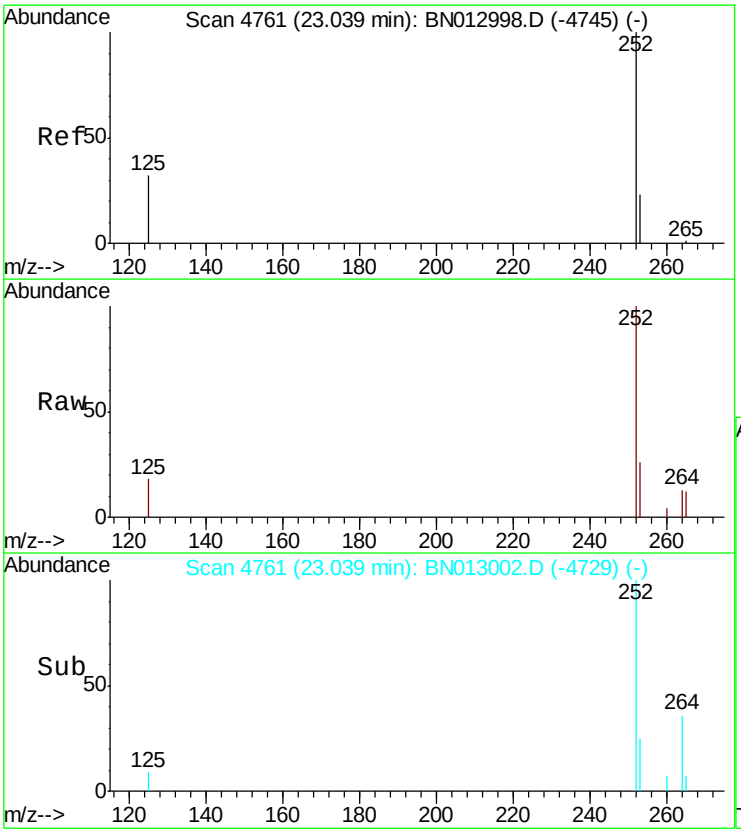
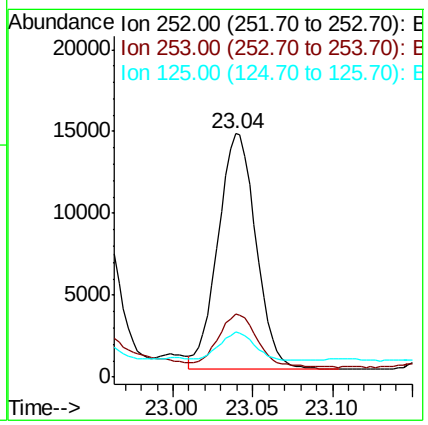


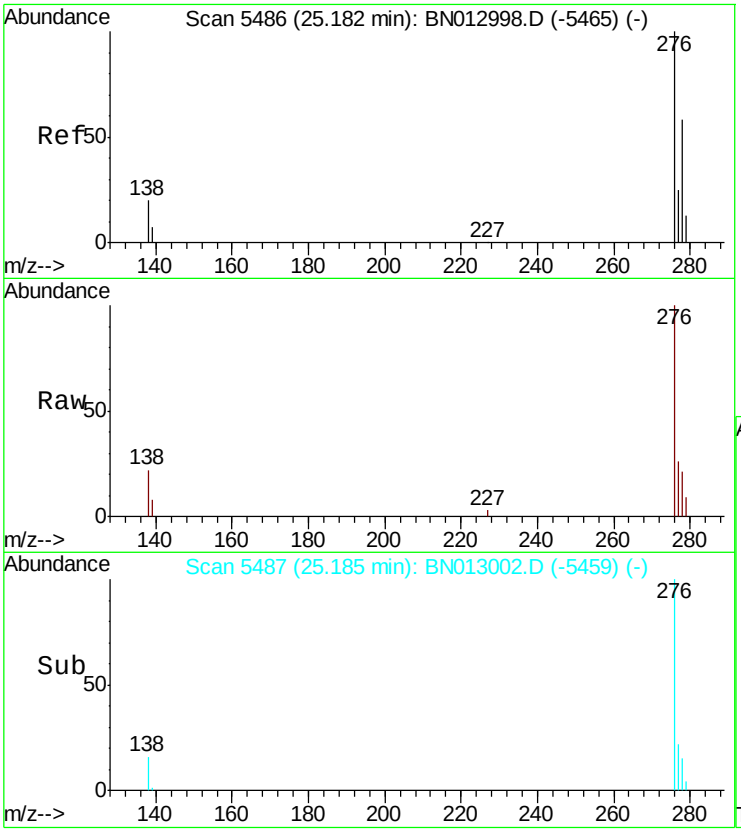


#23
Benzo(a)pyrene
Concen: 1.604 ng/ul
RT: 23.04 min Scan# 4761
Delta R.T. -0.01 min
Lab File: BN013002.D
Acq: 09 Dec 2020 08:17

Tgt Ion:252 Resp: 23770

Ion	Ratio	Lower	Upper
252	100		
253	26.1	26.5	39.7#
125	18.3	14.2	21.2





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.932 ng/ul
RT: 25.18 min Scan# 5487
Delta R.T. -0.01 min
Lab File: BN013002.D
Acq: 09 Dec 2020 08:17

Tgt Ion:276 Resp: 18140

Ion	Ratio	Lower	Upper
276	100		
138	19.3	16.2	24.2
227	0.1	0.0	0.0#

Instrument :
BNA_N
ClientSampleId :
C0B61

Manual Integrations APPROVED
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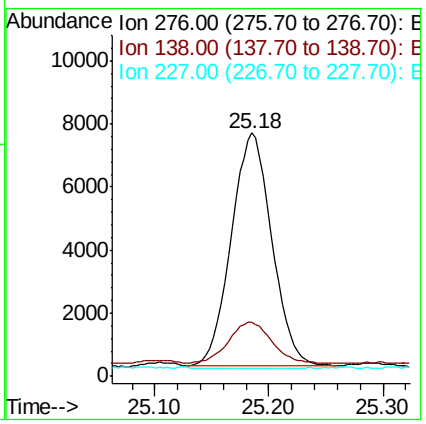
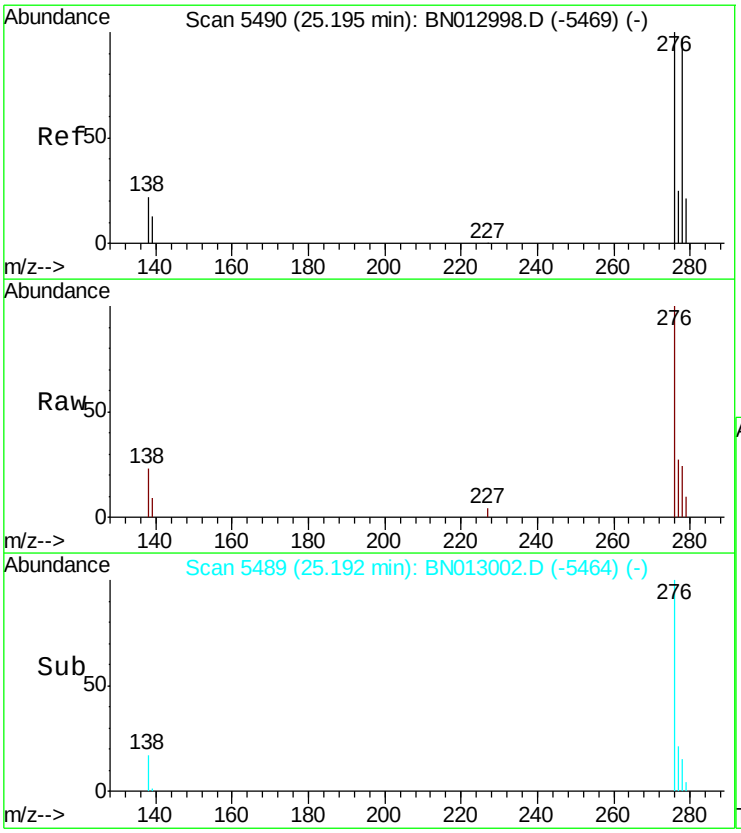
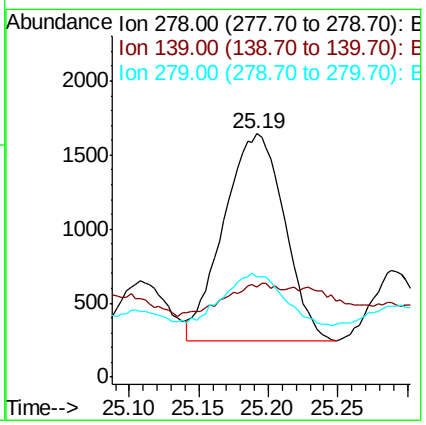


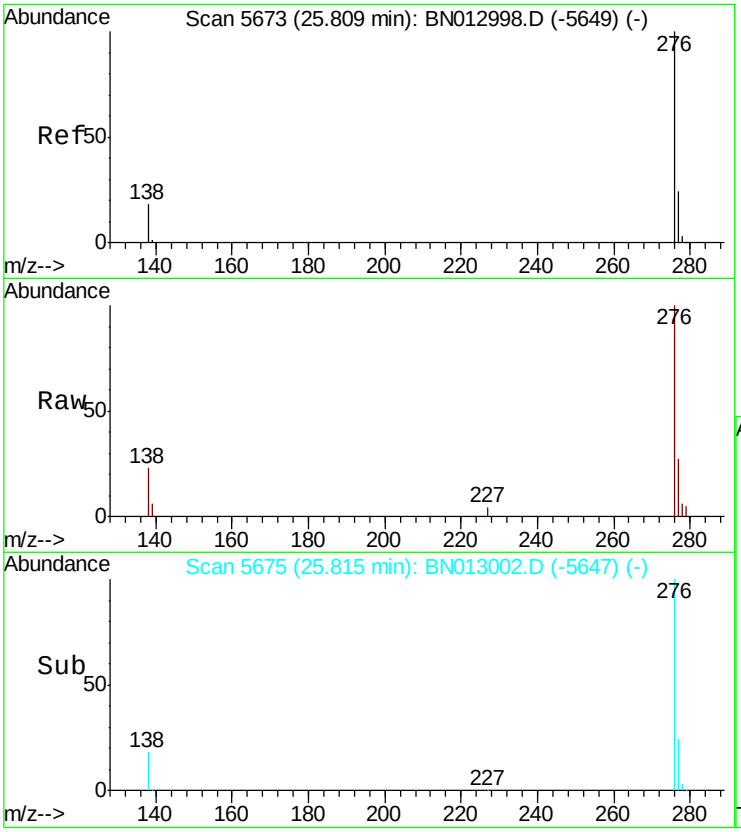


#25
Dibenzo(a,h)anthracene
Concen: 0.278 ng/ul
RT: 25.19 min Scan# 5489
Delta R.T. -0.02 min
Lab File: BN013002.D
Acq: 09 Dec 2020 08:17

Tgt Ion:278 Resp: 4275

Ion	Ratio	Lower	Upper
278	100		
139	37.0	14.5	21.7#
279	41.3	26.3	39.5#

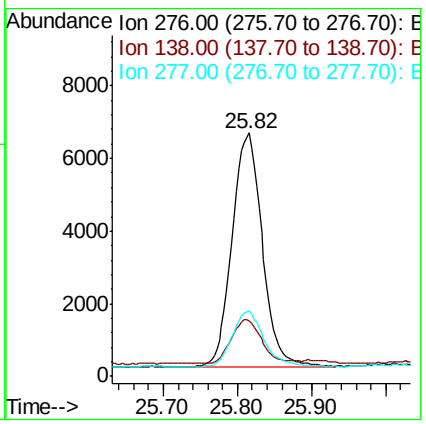




#26
Benzo(g,h,i)perylene
Concen: 1.032 ng/ul
RT: 25.82 min Scan# 5675
Delta R.T. -0.01 min
Lab File: BN013002.D
Acq: 09 Dec 2020 08:17

Tgt Ion:276 Resp: 18184

Ion	Ratio	Lower	Upper
276	100		
138	23.0	16.3	24.5
277	26.8	21.8	32.6



Instrument :
BNA_N
ClientSampleId :
C0B61

Manual Integrations APPROVED
mohammad
12/9/2020 12:26:02 PM