Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012521\
Data File : BN013472.D
Acq On : 25 Jan 2021 17:44
Operator : CG/JU
Sample : SSTD0.104
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD0.1004

Quant Time: Jan 25 22:20:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 10:11:38 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	4637	0.40	ng/ul	0.00
4) Naphthalene-d8	10.33	136	16820	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.20	164	8571	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.95	188	18038	0.40	ng/ul	0.00
17) Chrysene-d12	21.16	240	14847	0.40	ng/ul	0.00
23) Perylene-d12	23.33	264	13105	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	541	0.11	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.93	152	2508	0.10	ng/ul	0.00
18) Fluoranthene-d10	18.99	212	4731	0.12	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	412	0.087	ng/ul#	82
5) Naphthalene	10.38	128	4890	0.104	ng/ul	97
7) 2-Methylnaphthalene	12.00	142	3262	0.107	ng/ul	99
8) 1-Methylnaphthalene	12.23	142	3116	0.106	ng/ul	100
10) Acenaphthylene	13.92	152	3686	0.103	ng/ul	97
11) Acenaphthene	14.27	153	3195	0.104	ng/ul	98
12) Fluorene	15.26	166	3462	0.100	ng/ul	96
14) Pentachlorophenol	16.62	266	183	0.065	ng/ul	93
15) Phenanthrene	17.00	178	5964	0.103	ng/ul	98
16) Anthracene	17.08	178	4767	0.099	ng/ul	95
19) Fluoranthene	19.02	202	6112	0.112	ng/ul	96
20) Pyrene	19.39	202	6255	0.112	ng/ul	99
21) Benzo(a)anthracene	21.14	228	4839	0.094	ng/ul	98
22) Chrysene	21.19	228	6037	0.111	ng/ul	98
24) Benzo(b)fluoranthene	22.68	252	5857	0.117	ng/ul	86
25) Benzo(k)fluoranthene	22.72	252	6136	0.112	ng/ul#	86
26) Benzo(a)pyrene	23.24	252	4678	0.107	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.49	276	6100	0.106	ng/ul#	83
28) Dibenzo(a,h)anthracene	25.50	278	4961	0.106	ng/ul#	91
29) Benzo(g,h,i)perylene	26.15	276	5652	0.116	ng/ul	95

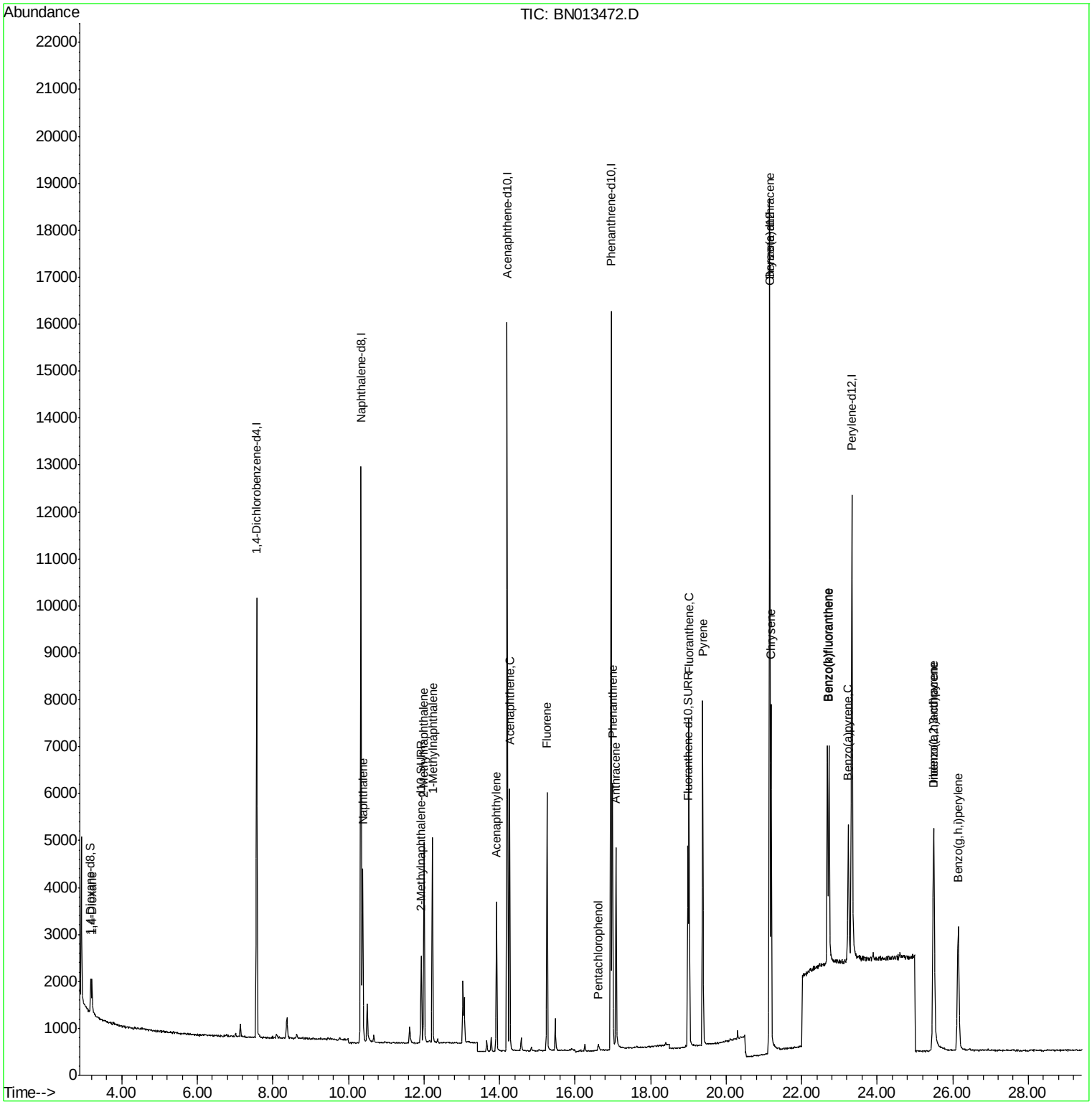
(#) = qualifier out of range (m) = manual integration (+) = signals summed

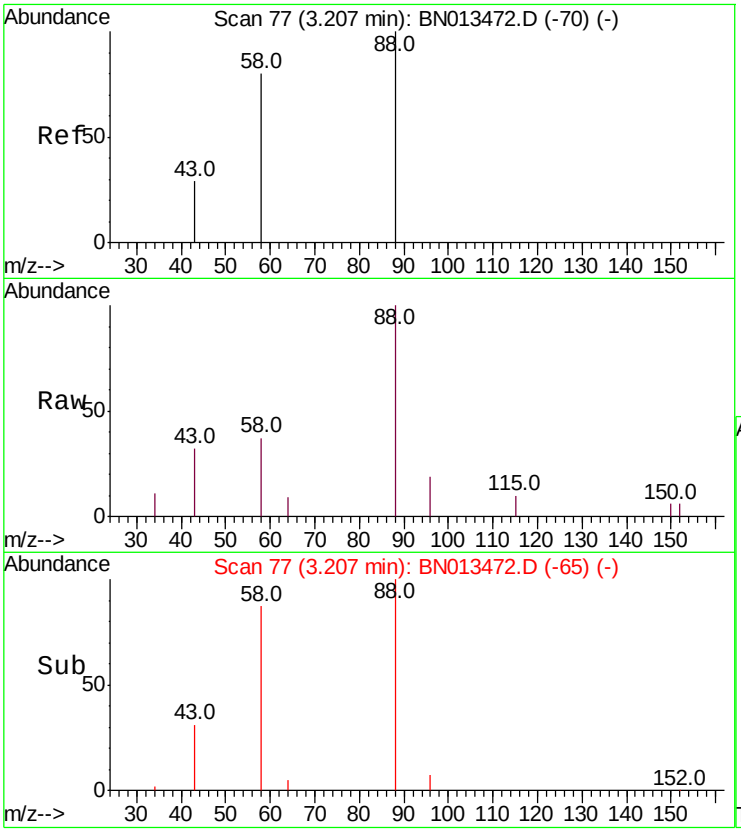
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012521\
Data File : BN013472.D
Acq On : 25 Jan 2021 17:44
Operator : CG/JU
Sample : SSTD0.104
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.1004

Quant Time: Jan 25 22:20:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 10:11:38 2021
Response via : Initial Calibration



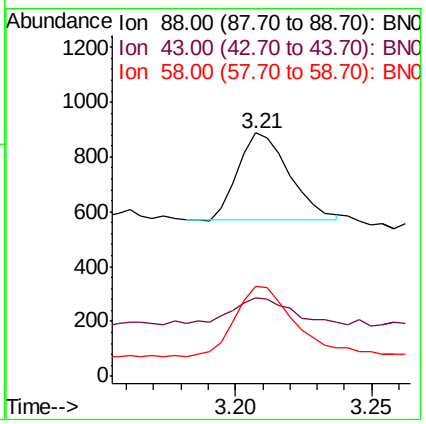


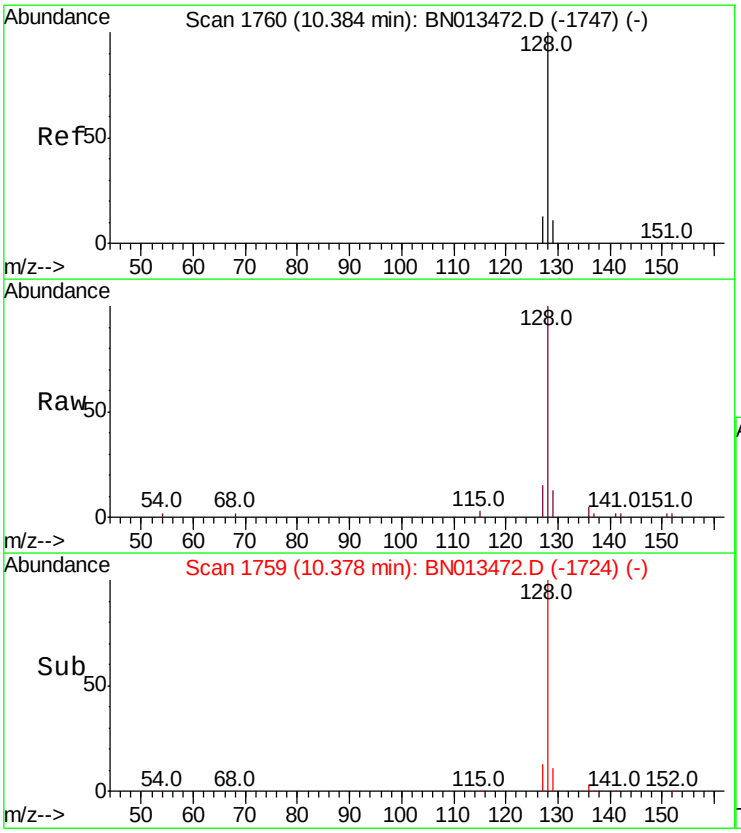
#2
1,4-Dioxane
Concen: 0.087 ng/ul
RT: 3.21 min Scan# 77
Delta R.T. 0.00 min
Lab File: BN013472.D
Acq: 25 Jan 2021 17:44

Instrument :
BNA_N
ClientSampleId :
SSTD0.1004

Tgt Ion: 88 Resp: 412

Ion	Ratio	Lower	Upper
88	100		
43	32.0	26.9	40.3
58	37.0	45.8	68.6#

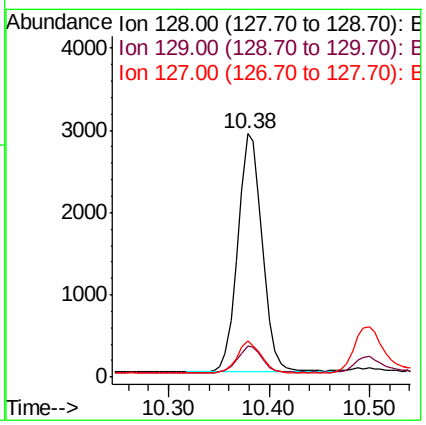


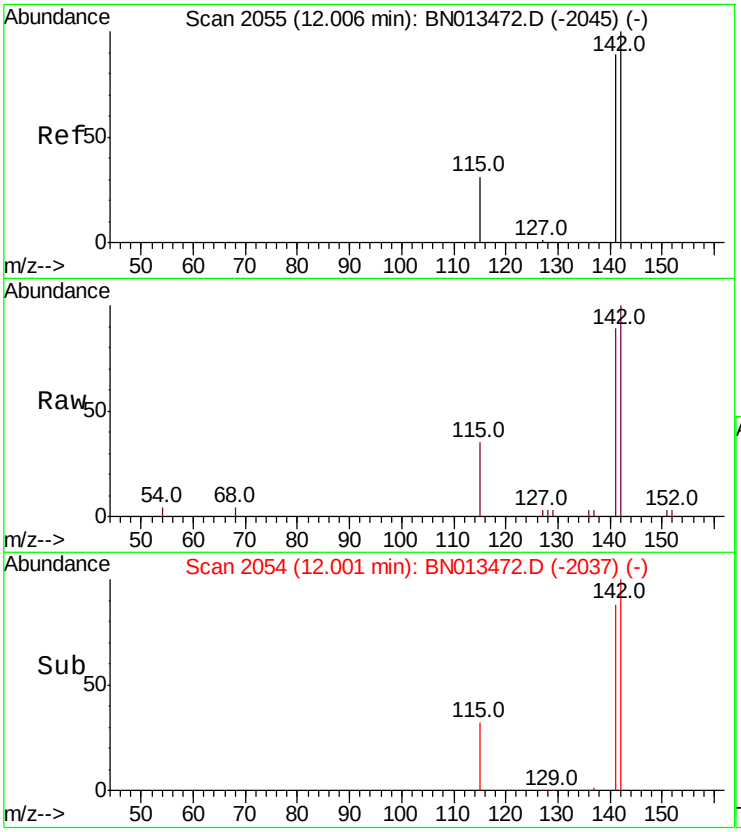


#5
Naphthalene
Concen: 0.104 ng/ul
RT: 10.38 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BN013472.D
Acq: 25 Jan 2021 17:44

Tgt Ion:128 Resp: 4890

Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.2	13.8
127	14.8	10.7	16.1



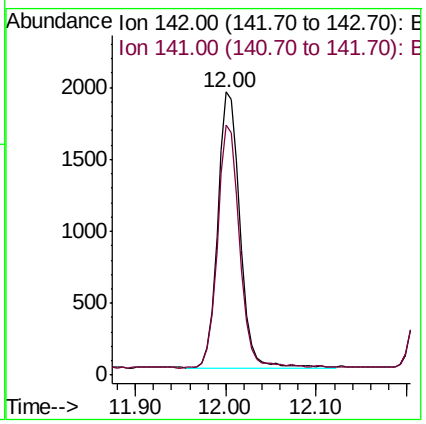


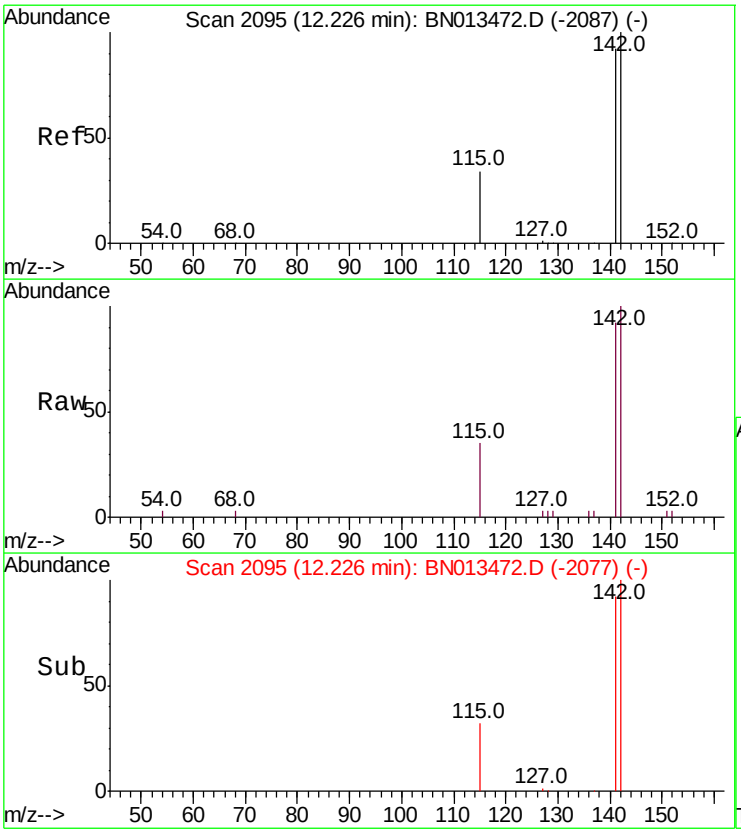
#7
2-Methylnaphthalene
Concen: 0.107 ng/ul
RT: 12.00 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BN013472.D
Acq: 25 Jan 2021 17:44

Instrument :
BNA_N
ClientSampleId :
SSTD0.1004

Tgt Ion:142 Resp: 3262

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.9	106.3

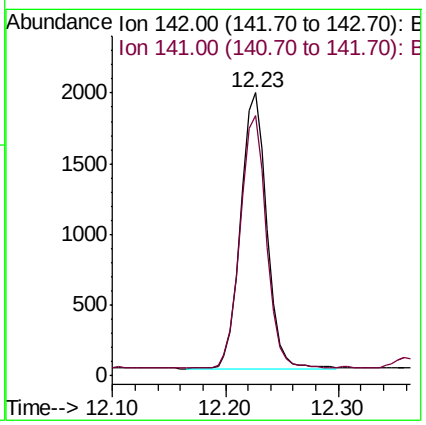


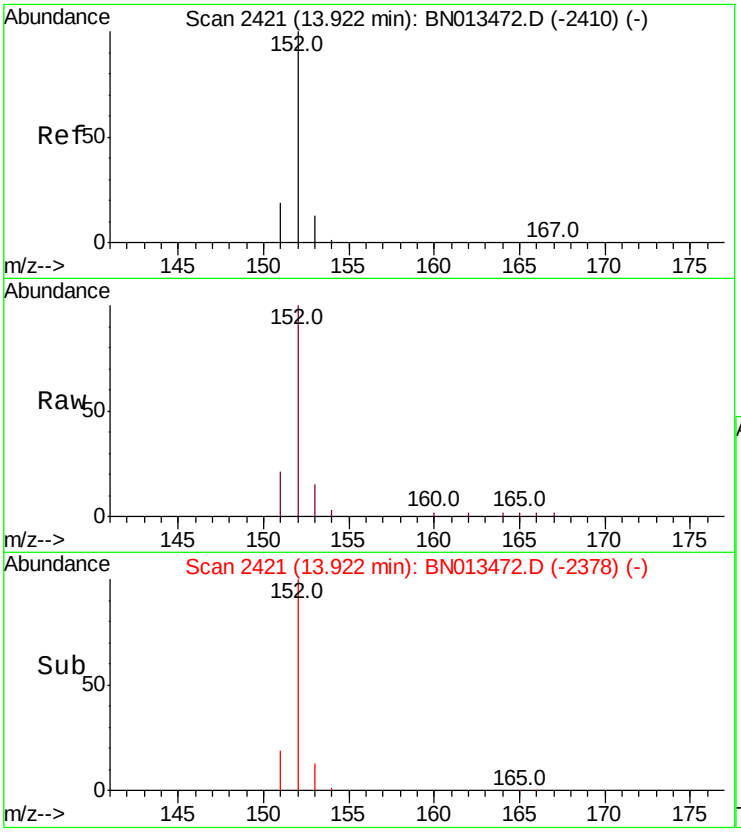


#8
1-Methylnaphthalene
Concen: 0.106 ng/ul
RT: 12.23 min Scan# 2095
Delta R.T. 0.00 min
Lab File: BN013472.D
Acq: 25 Jan 2021 17:44

Tgt Ion:142 Resp: 3116

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.3	109.9



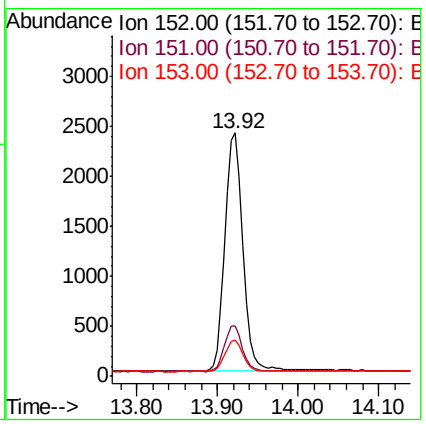


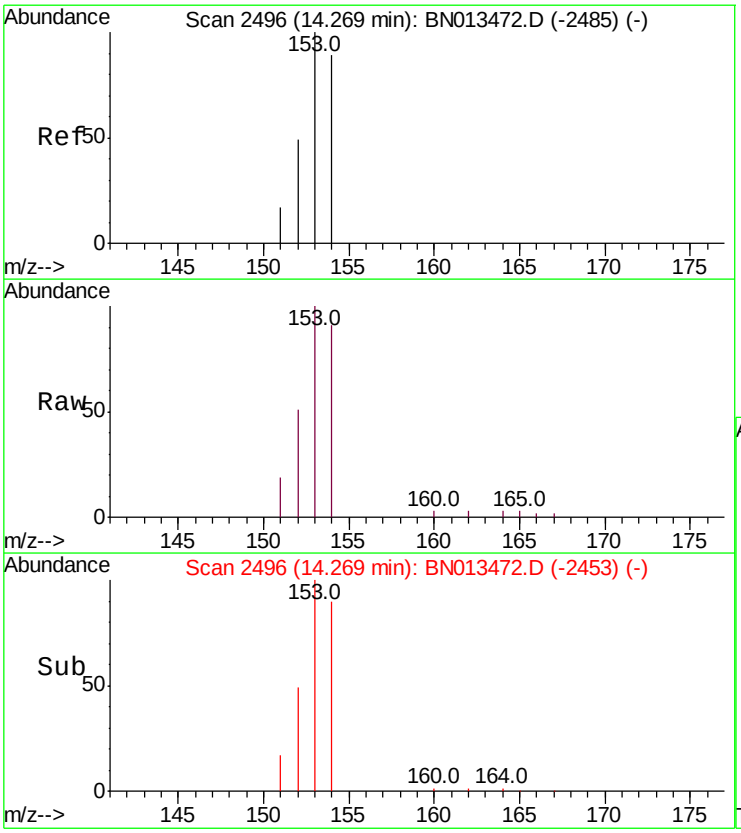
#10
Acenaphthylene
Concen: 0.103 ng/ul
RT: 13.92 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BN013472.D
Acq: 25 Jan 2021 17:44

Instrument :
BNA_N
ClientSampleId :
SSTD0.1004

Tgt Ion:152 Resp: 3686

Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.8	23.6
153	15.1	10.7	16.1

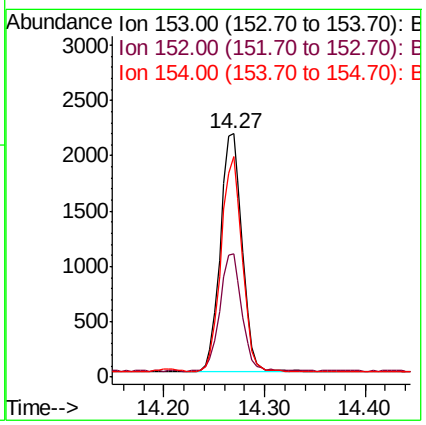


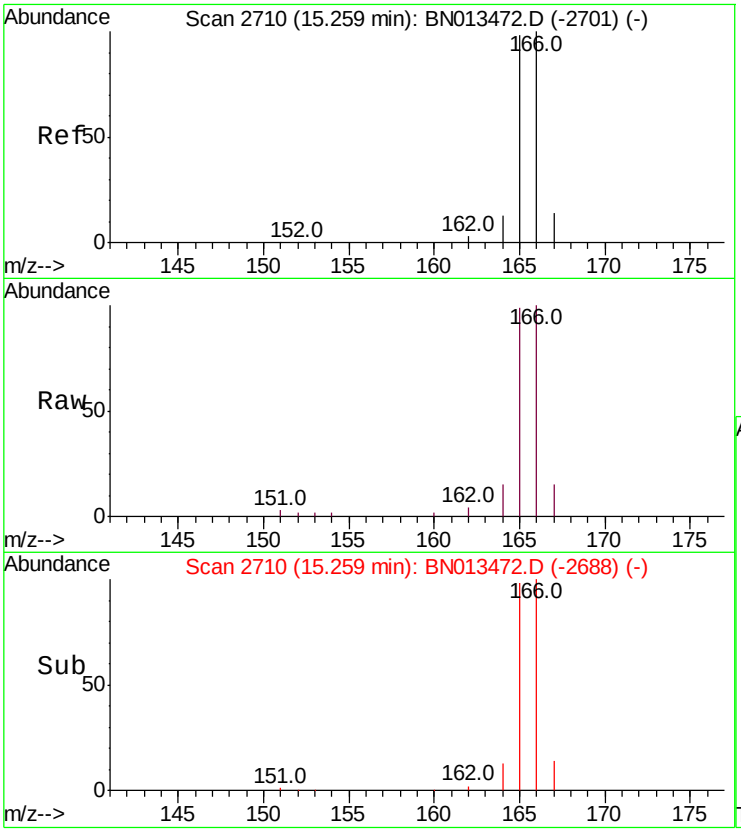


#11
Acenaphthene
Concen: 0.104 ng/ul
RT: 14.27 min Scan# 2496
Delta R.T. 0.00 min
Lab File: BN013472.D
Acq: 25 Jan 2021 17:44

Tgt Ion:153 Resp: 3195

Ion	Ratio	Lower	Upper
153	100		
152	50.7	38.9	58.3
154	90.6	71.0	106.6



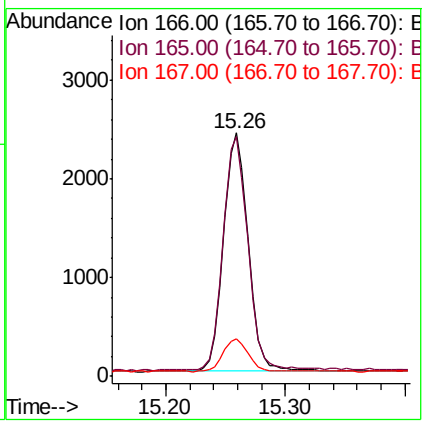


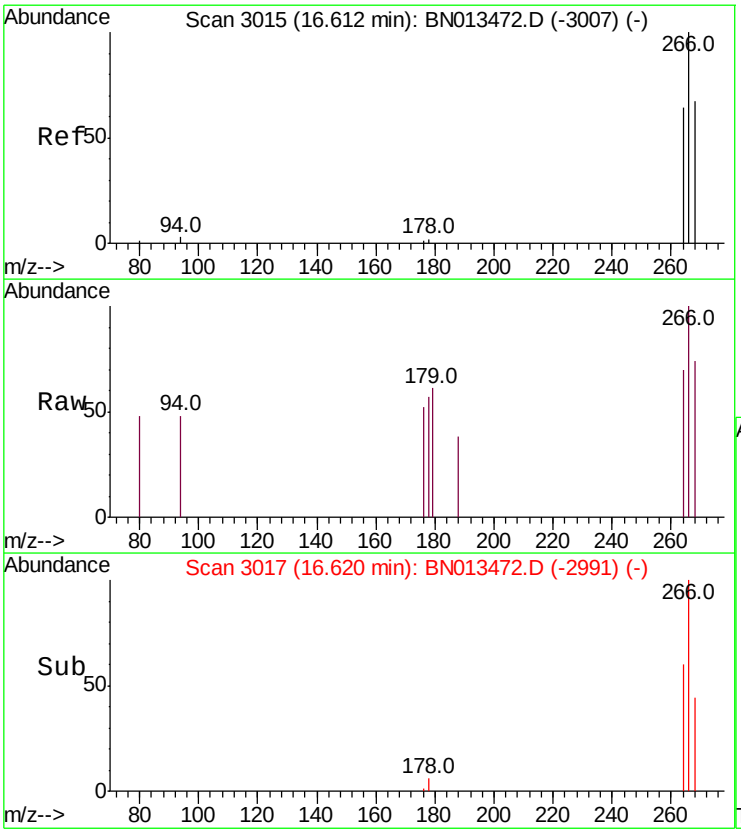
#12
Fluorene
Concen: 0.100 ng/ul
RT: 15.26 min Scan# 2710
Delta R.T. 0.00 min
Lab File: BN013472.D
Acq: 25 Jan 2021 17:44

Instrument :
BNA_N
ClientSampleId :
SSTD0.1004

Tgt Ion:166 Resp: 3462

Ion	Ratio	Lower	Upper
166	100		
165	98.6	76.1	114.1
167	15.5	11.0	16.6

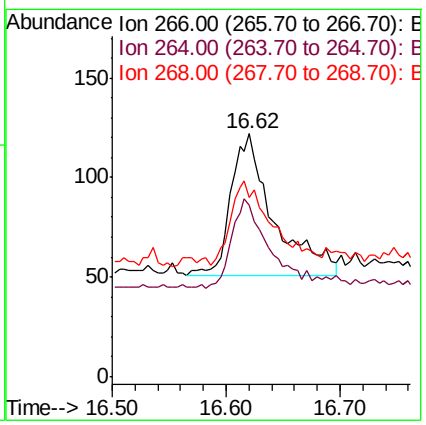


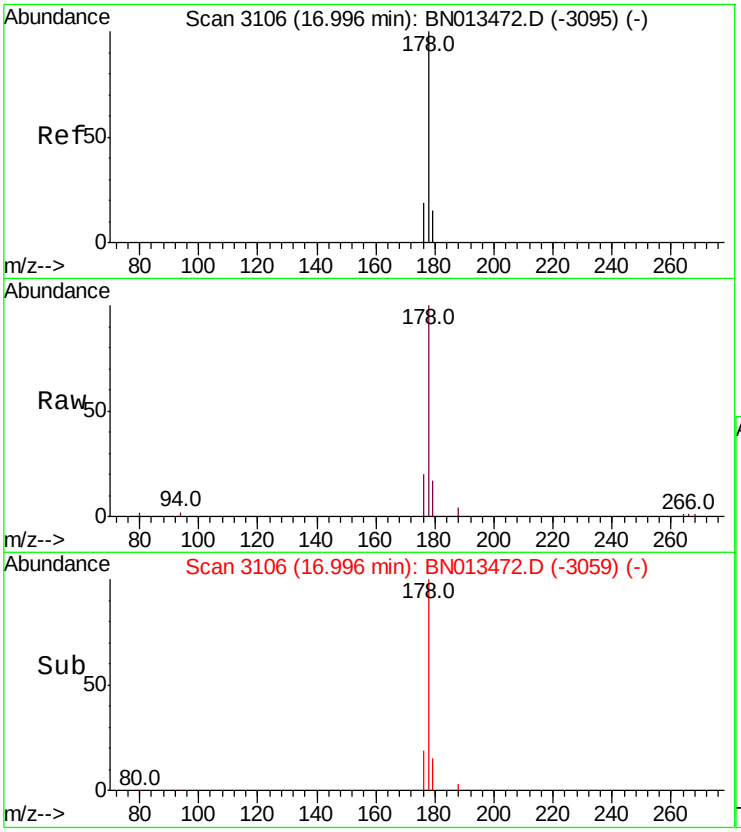


#14
Pentachlorophenol
Concen: 0.065 ng/ul
RT: 16.62 min Scan# 3017
Delta R.T. 0.01 min
Lab File: BN013472.D
Acq: 25 Jan 2021 17:44

Tgt Ion:266 Resp: 183

Ion	Ratio	Lower	Upper
266	100		
264	59.6	50.0	75.0
268	58.5	52.6	79.0



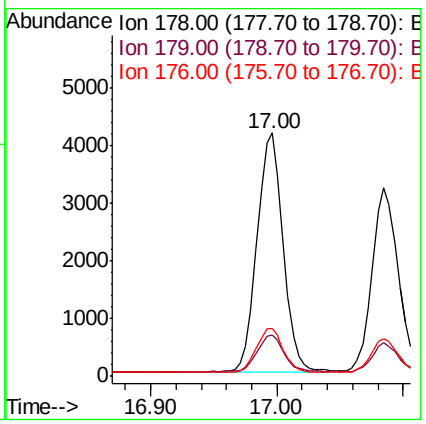


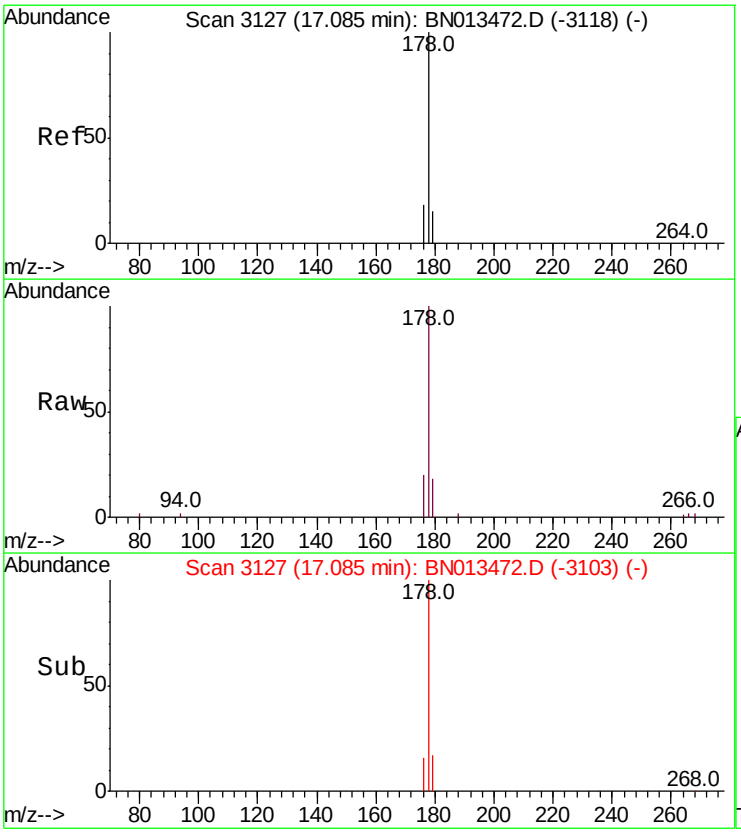
#15
Phenanthrene
Concen: 0.103 ng/ul
RT: 17.00 min Scan# 3106
Delta R.T. 0.00 min
Lab File: BN013472.D
Acq: 25 Jan 2021 17:44

Instrument :
BNA_N
ClientSampleId :
SSTD0.1004

Tgt Ion:178 Resp: 5964

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.3	18.5
176	19.8	15.4	23.0

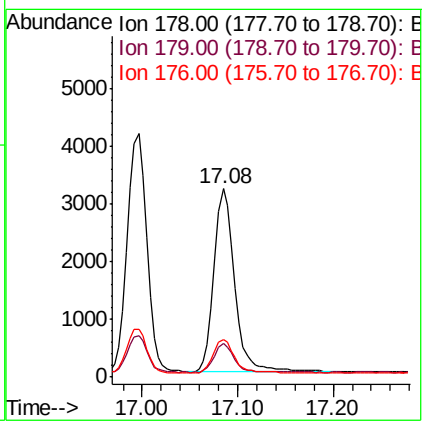


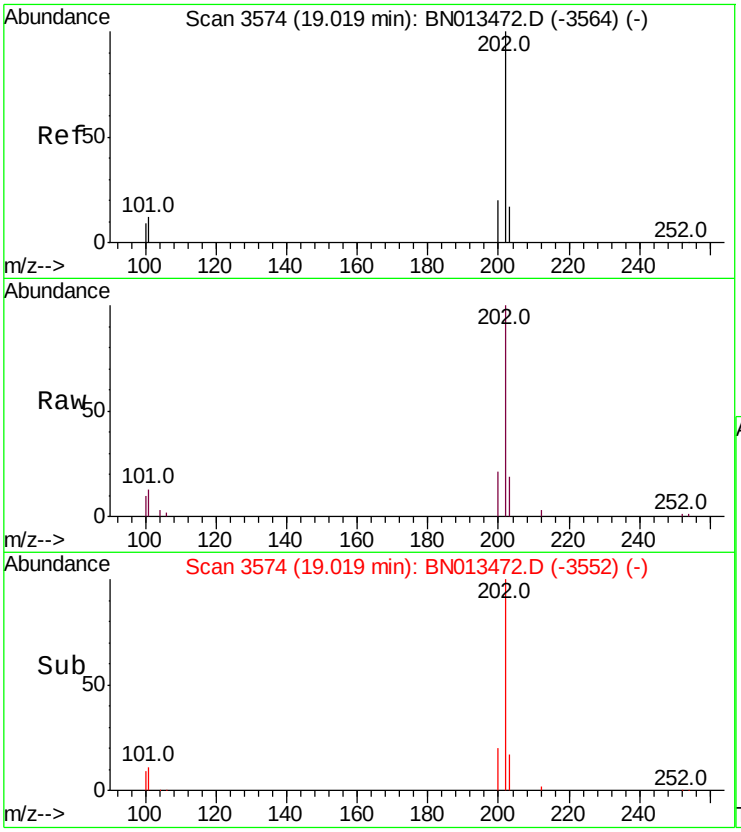


#16
Anthracene
Concen: 0.099 ng/ul
RT: 17.08 min Scan# 3127
Delta R.T. 0.00 min
Lab File: BN013472.D
Acq: 25 Jan 2021 17:44

Tgt Ion:178 Resp: 4767

Ion	Ratio	Lower	Upper
178	100		
179	17.7	12.6	18.8
176	20.3	14.4	21.6



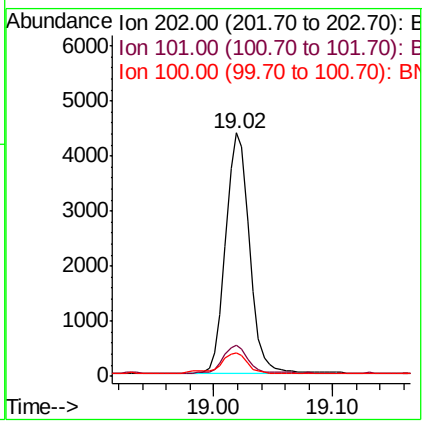


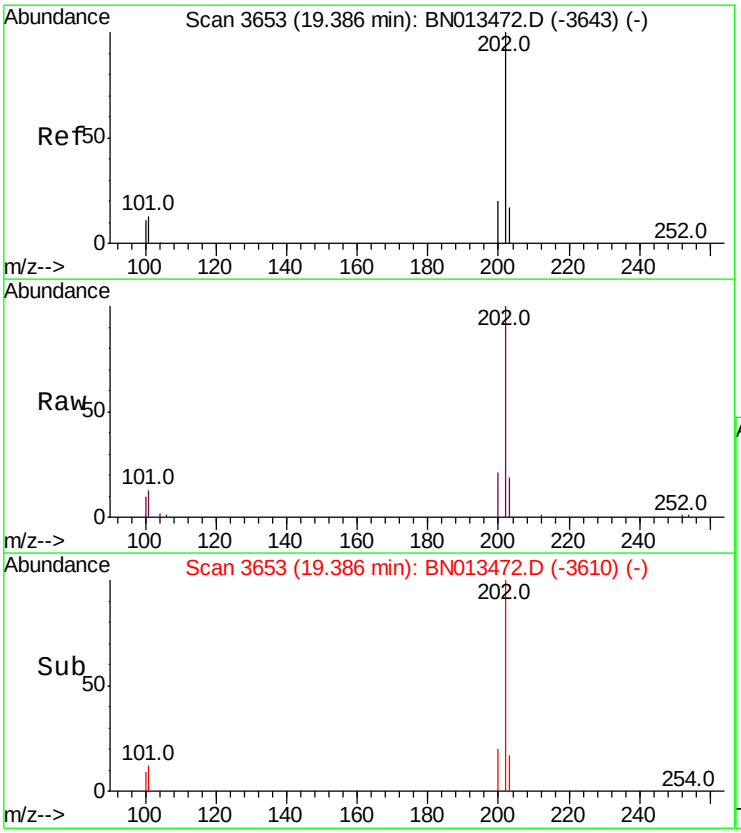
#19
Fluoranthene
Concen: 0.112 ng/ul
RT: 19.02 min Scan# 3574
Delta R.T. 0.00 min
Lab File: BN013472.D
Acq: 25 Jan 2021 17:44

Instrument :
BNA_N
ClientSampleId :
SSTD0.1004

Tgt Ion:202 Resp: 6112

Ion	Ratio	Lower	Upper
202	100		
101	12.7	8.9	13.3
100	9.7	6.6	10.0

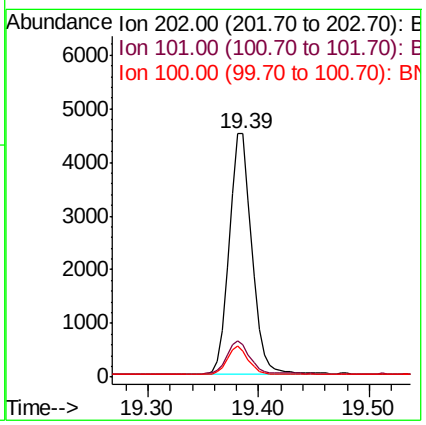


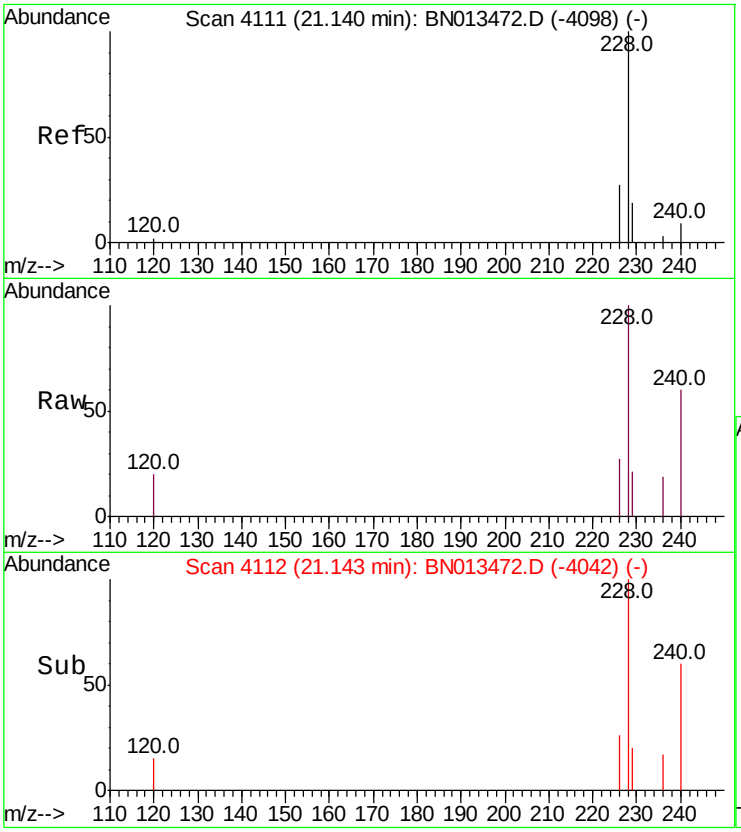


#20
Pyrene
Concen: 0.112 ng/ul
RT: 19.39 min Scan# 3653
Delta R.T. 0.00 min
Lab File: BN013472.D
Acq: 25 Jan 2021 17:44

Tgt Ion:202 Resp: 6255

Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.3	15.5
100	10.5	8.6	13.0



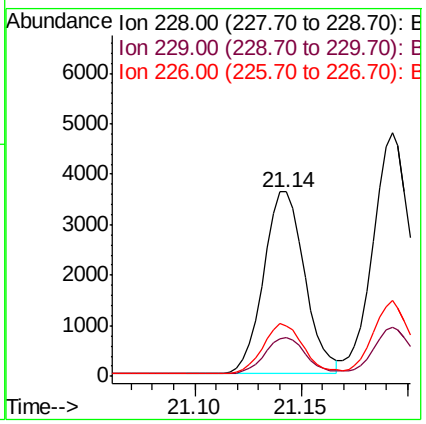


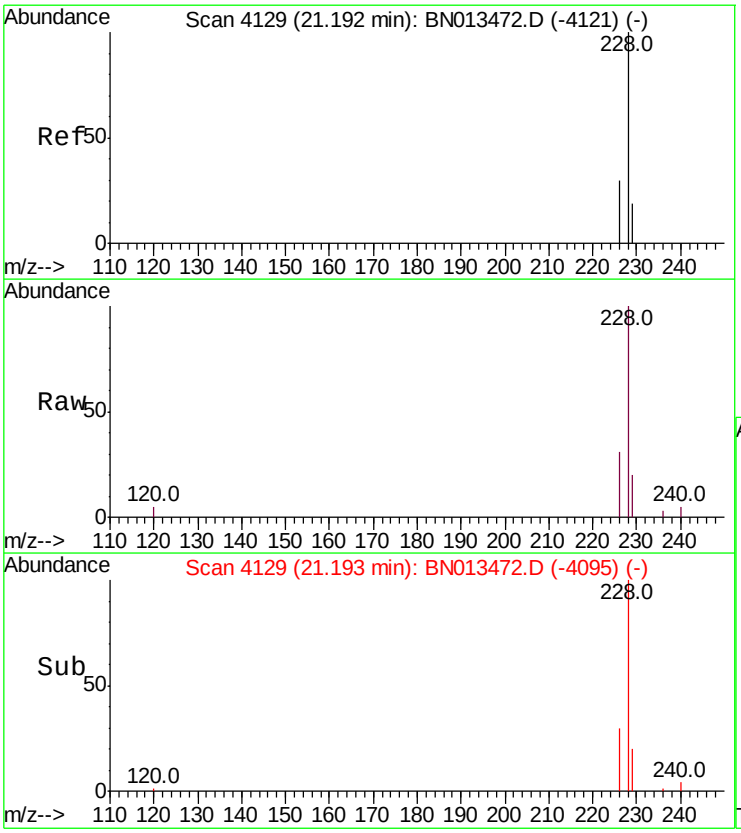
#21
Benzo(a)anthracene
Concen: 0.094 ng/ul
RT: 21.14 min Scan# 4112
Delta R.T. 0.00 min
Lab File: BN013472.D
Acq: 25 Jan 2021 17:44

Instrument :
BNA_N
ClientSampleId :
SSTD0.1004

Tgt Ion:228 Resp: 4839

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.5	23.3
226	27.3	21.6	32.4

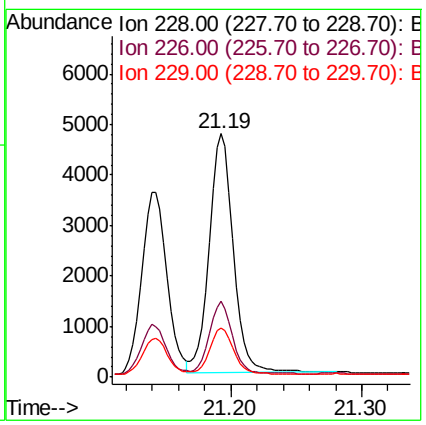


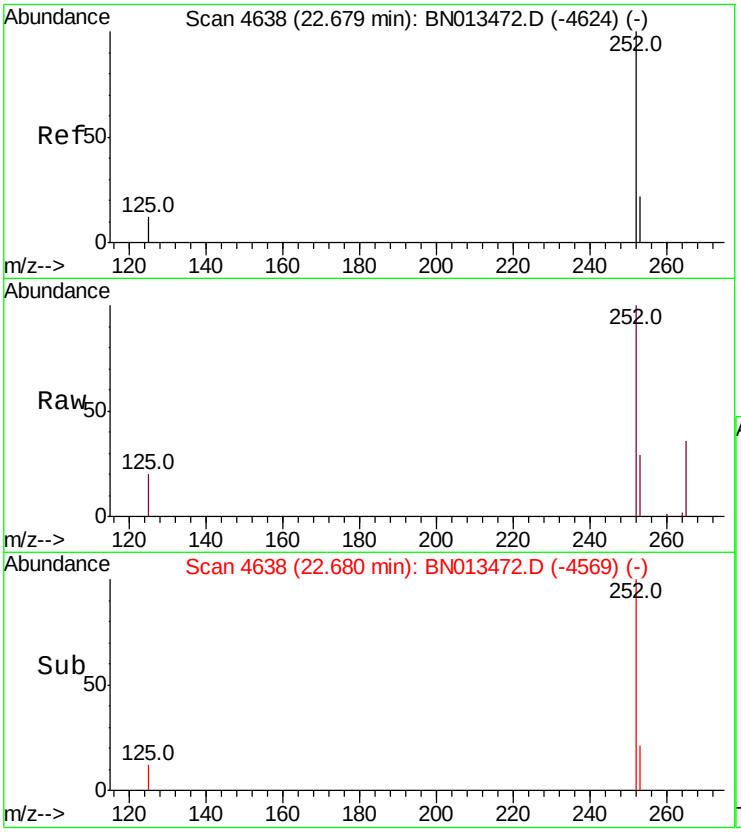


#22
Chrysene
Concen: 0.111 ng/ul
RT: 21.19 min Scan# 4129
Delta R.T. 0.00 min
Lab File: BN013472.D
Acq: 25 Jan 2021 17:44

Tgt Ion:228 Resp: 6037

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.8	35.6
229	20.4	15.8	23.8



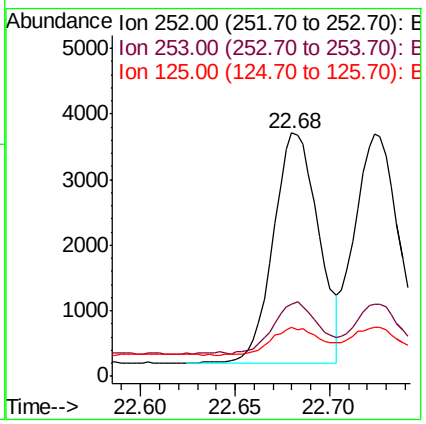


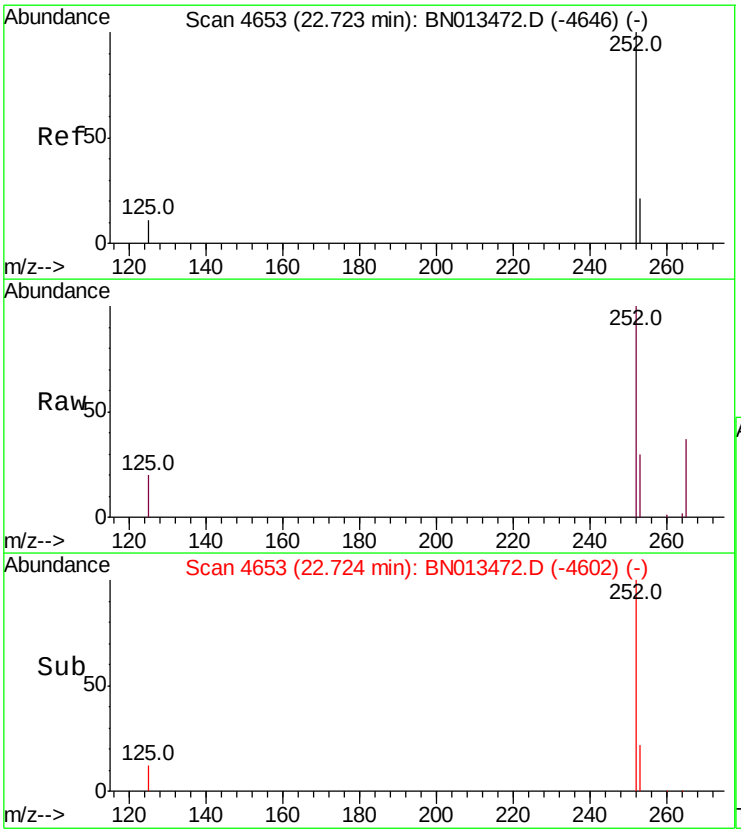
#24
Benzo(b)fluoranthene
Concen: 0.117 ng/ul
RT: 22.68 min Scan# 4638
Delta R.T. 0.00 min
Lab File: BN013472.D
Acq: 25 Jan 2021 17:44

Instrument :
BNA_N
ClientSampleId :
SSTD0.1004

Tgt Ion:252 Resp: 5857

Ion	Ratio	Lower	Upper
252	100		
253	29.4	0.0	46.6
125	20.4	0.0	27.2

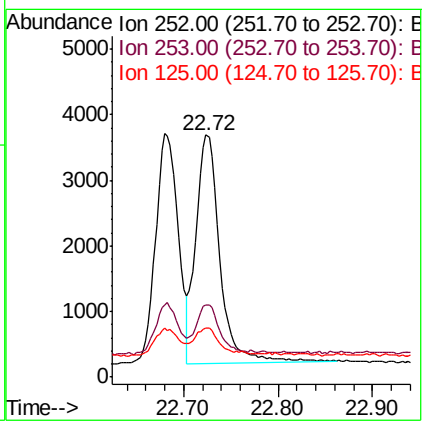


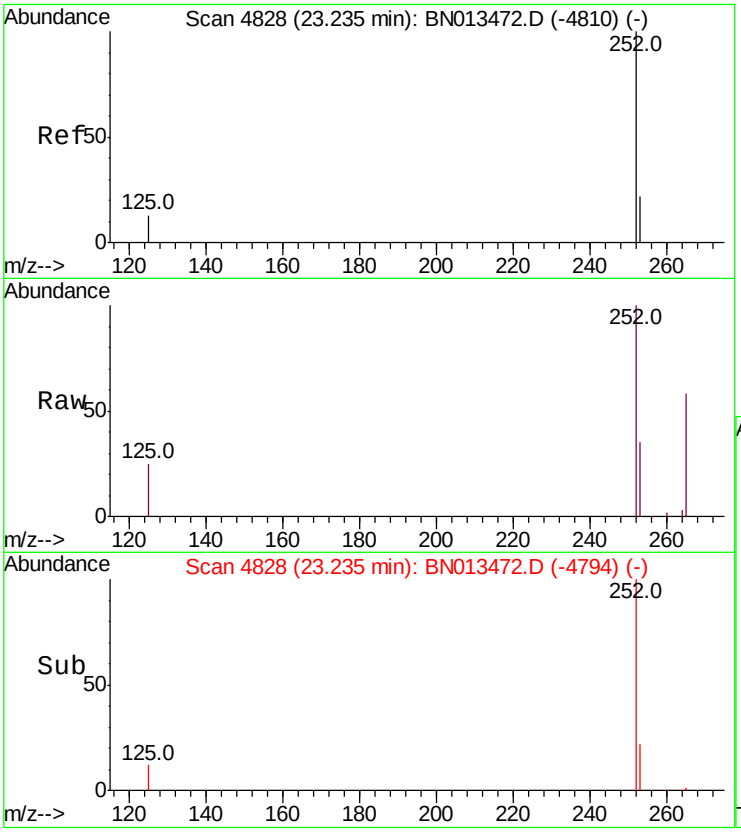


#25
Benzo(k)fluoranthene
Concen: 0.112 ng/ul
RT: 22.72 min Scan# 4653
Delta R.T. 0.00 min
Lab File: BN013472.D
Acq: 25 Jan 2021 17:44

Tgt Ion:252 Resp: 6136

Ion	Ratio	Lower	Upper
252	100		
253	30.0	19.0	28.4#
125	20.3	11.3	16.9#



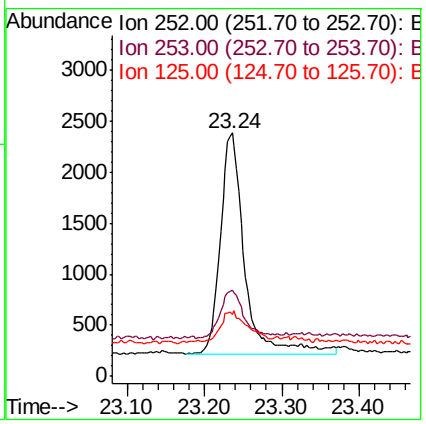


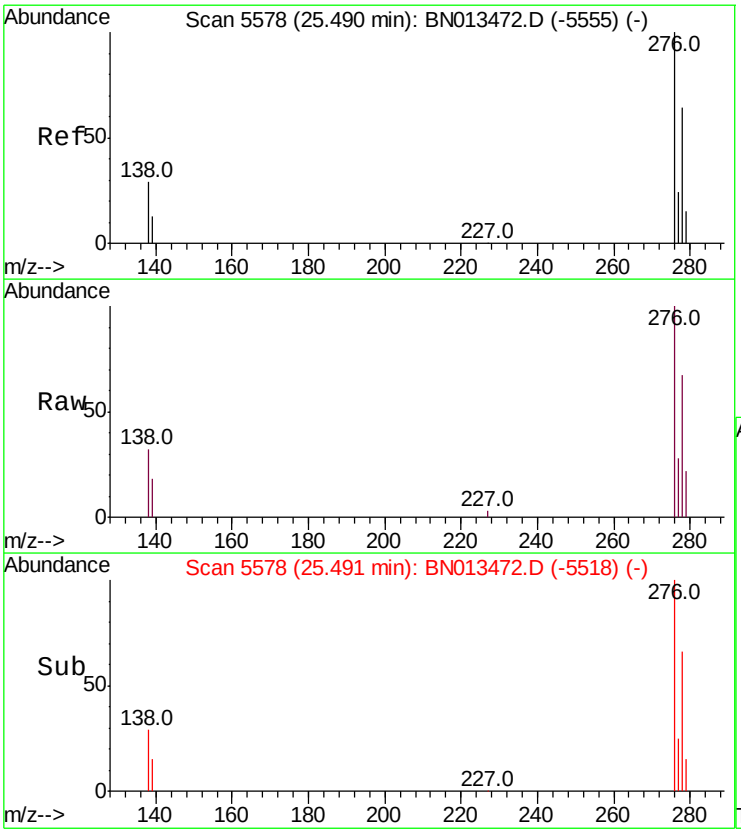
#26
Benzo(a)pyrene
Concen: 0.107 ng/ul
RT: 23.24 min Scan# 4828
Delta R.T. 0.00 min
Lab File: BN013472.D
Acq: 25 Jan 2021 17:44

Instrument :
BNA_N
ClientSampleId :
SSTD0.1004

Tgt Ion:252 Resp: 4678

Ion	Ratio	Lower	Upper
252	100		
253	35.3	19.8	29.8#
125	25.3	13.1	19.7#

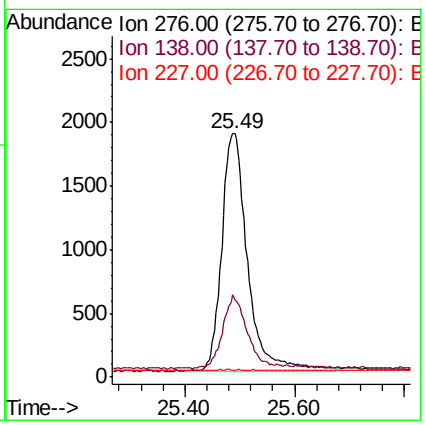


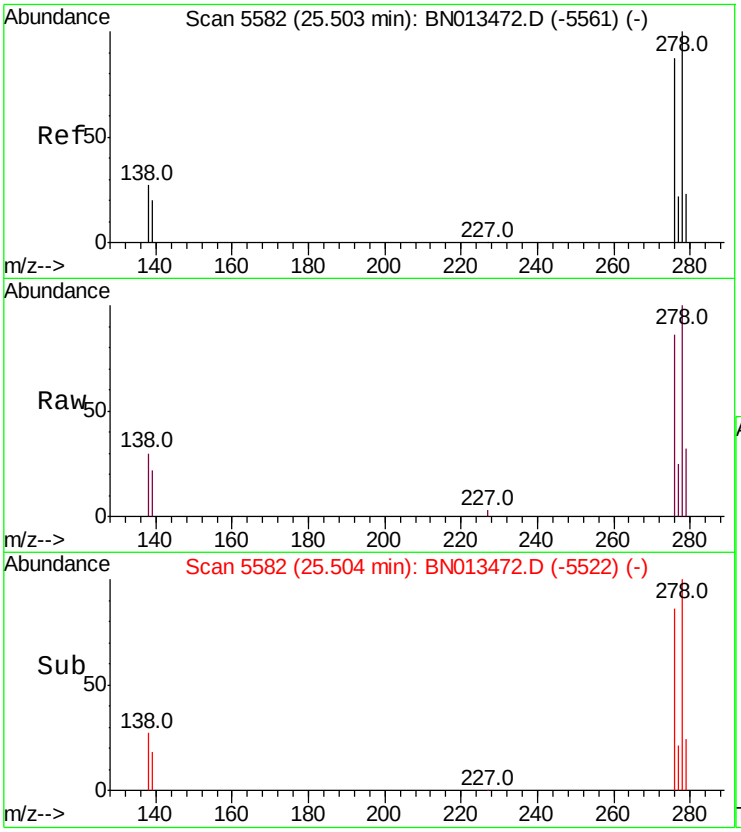


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.106 ng/ul
RT: 25.49 min Scan# 5578
Delta R.T. 0.00 min
Lab File: BN013472.D
Acq: 25 Jan 2021 17:44

Tgt Ion:276 Resp: 6100

Ion	Ratio	Lower	Upper
276	100		
138	29.4	17.2	25.8#
227	0.0	0.0	0.0#



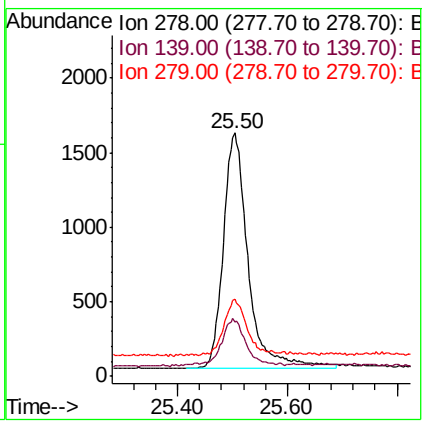


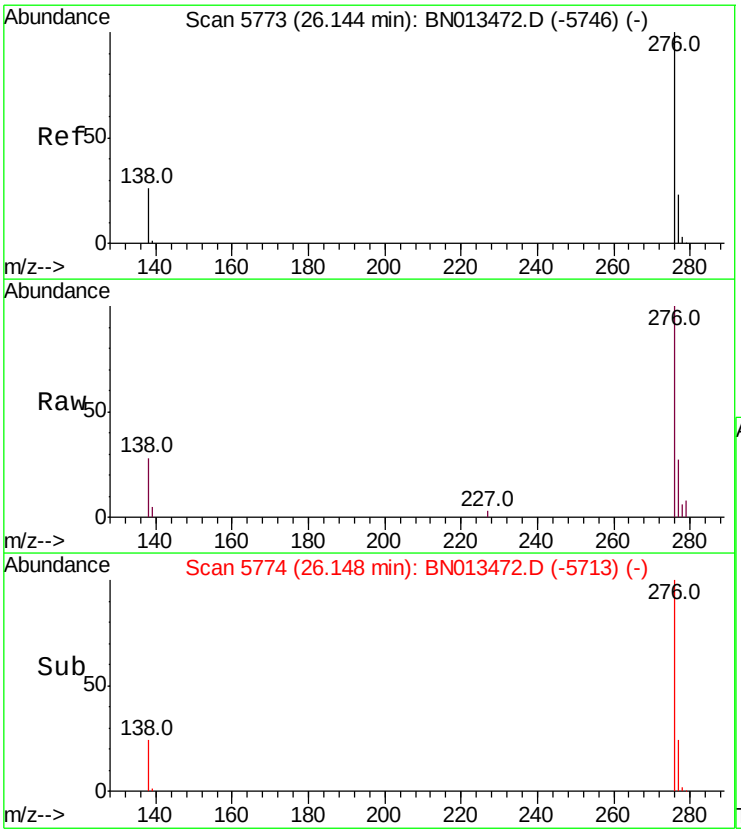
#28
Dibenzo(a,h)anthracene
Concen: 0.106 ng/ul
RT: 25.50 min Scan# 5582
Delta R.T. 0.00 min
Lab File: BN013472.D
Acq: 25 Jan 2021 17:44

Instrument :
BNA_N
ClientSampleId :
SSTD0.1004

Tgt Ion:278 Resp: 4961

Ion	Ratio	Lower	Upper
278	100		
139	22.0	16.2	24.2
279	32.0	20.3	30.5#





#29
Benzo(g,h,i)perylene
Concen: 0.116 ng/ul
RT: 26.15 min Scan# 5774
Delta R.T. 0.00 min
Lab File: BN013472.D
Acq: 25 Jan 2021 17:44

Tgt Ion:276 Resp: 5652

Ion	Ratio	Lower	Upper
276	100		
138	27.9	20.2	30.2
277	27.3	19.7	29.5