Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122721\
Data File : BN018208.D
Acq On : 27 Dec 2021 18:03
Operator : CG/JU
Sample : SSTD0.209
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 28 00:19:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 28 00:18:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	4326	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	14889	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.248	164	11484	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.990	188	25780	0.400	ng/ul	0.00
17) Chrysene-d12	21.184	240	27742	0.400	ng/ul	0.00
23) Perylene-d12	23.406	264	27900	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.067	96	881	0.197	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.987	152	4958	0.242	ng/ul	0.00
18) Fluoranthene-d10	19.026	212	15492	0.206	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.105	88	977	0.181	ng/ul#	73
5) Naphthalene	10.437	128	8462	0.200	ng/ul	98
7) 2-Methylnaphthalene	12.059	142	6112	0.225	ng/ul	100
8) 1-Methylnaphthalene	12.279	142	6189	0.219	ng/ul	100
10) Acenaphthylene	13.966	152	9220	0.203	ng/ul	98
11) Acenaphthene	14.308	153	7487	0.187	ng/ul	98
12) Fluorene	15.298	166	9199	0.198	ng/ul	99
14) Pentachlorophenol	16.652	266	1919	0.396	ng/ul	99
15) Phenanthrene	17.032	178	16094	0.191	ng/ul	99
16) Anthracene	17.121	178	14236	0.209	ng/ul	99
19) Fluoranthene	19.054	202	20752	0.195	ng/ul	99
20) Pyrene	19.416	202	21979	0.197	ng/ul	99
21) Benzo(a)anthracene	21.170	228	19806	0.215	ng/ul	99
22) Chrysene	21.219	228	21751	0.192	ng/ul	99
24) Benzo(b)fluoranthene	22.739	252	21628	0.202	ng/ul	96
25) Benzo(k)fluoranthene	22.739	252	21628	0.162	ng/ul	97
26) Benzo(a)pyrene	23.309	252	20753	0.205	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.666	276	25876	0.194	ng/ul	95
28) Dibenzo(a,h)anthracene	25.682	278	19995	0.198	ng/ul	95
29) Benzo(g,h,i)perylene	26.353	276	22097	0.201	ng/ul	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122721\
Data File : BN018208.D
Acq On : 27 Dec 2021 18:03
Operator : CG/JU
Sample : SSTD0.209
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
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Quant Time: Dec 28 00:19:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 28 00:18:00 2021
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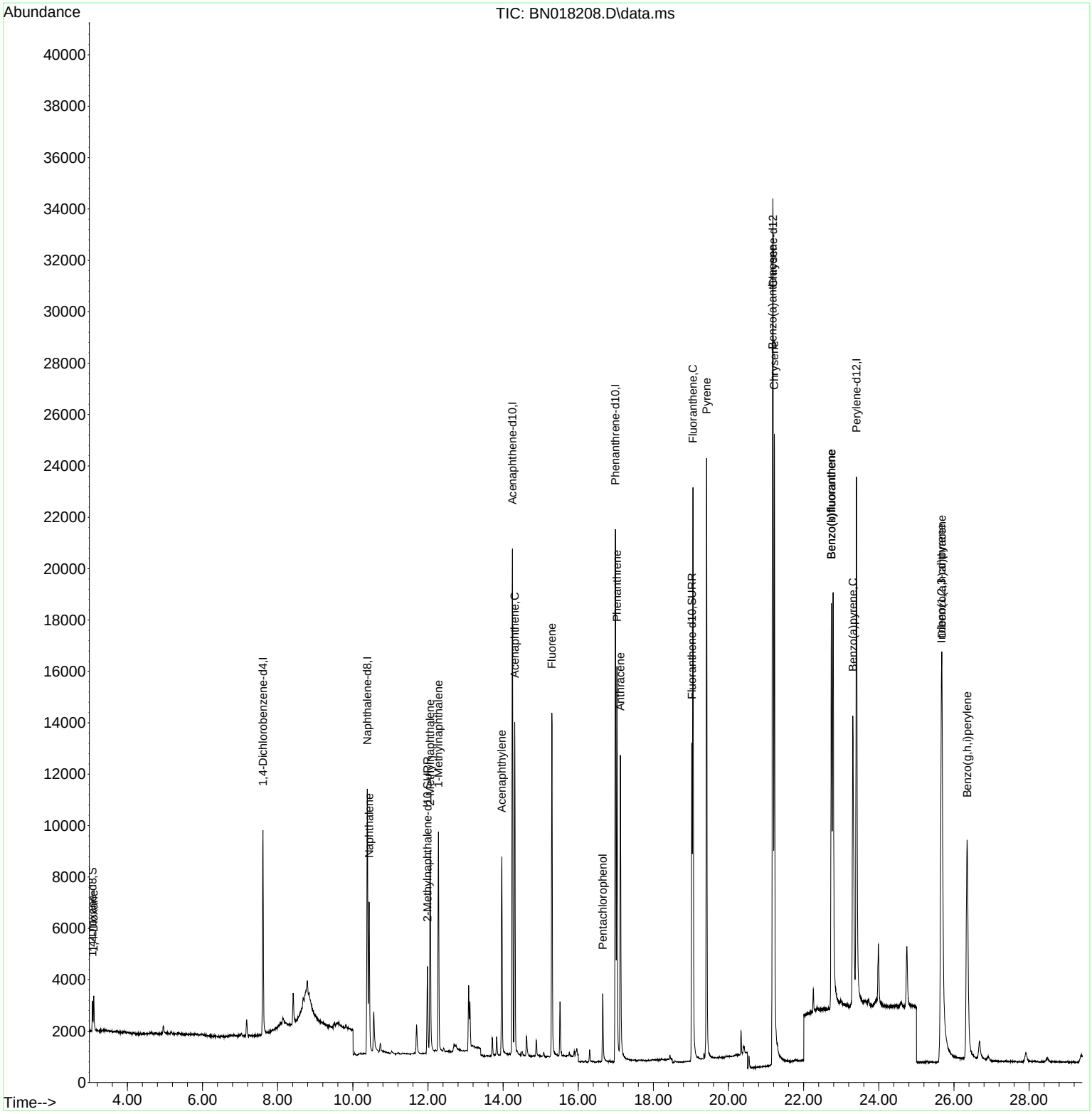
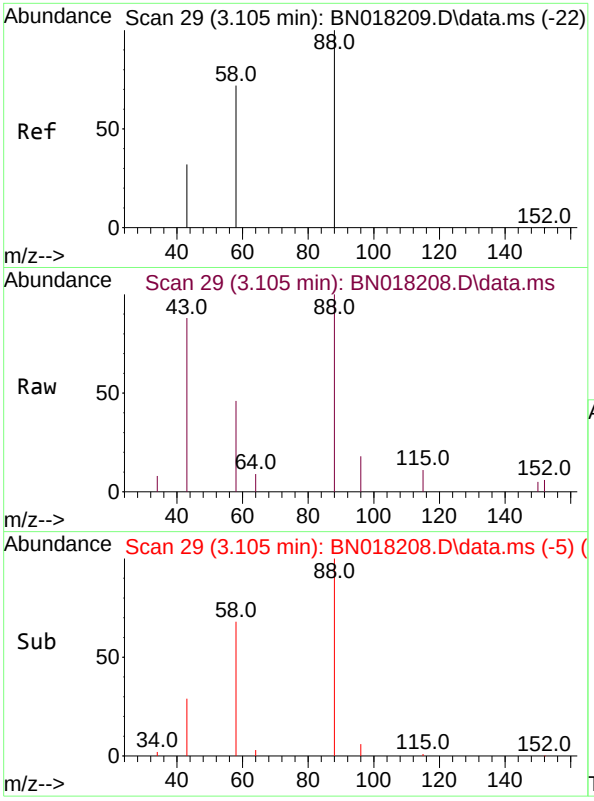


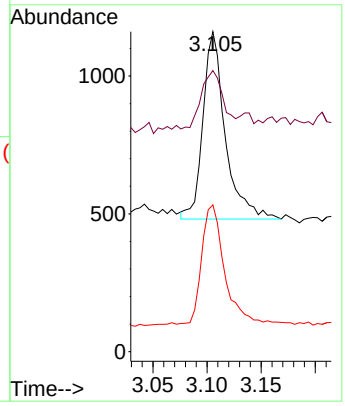


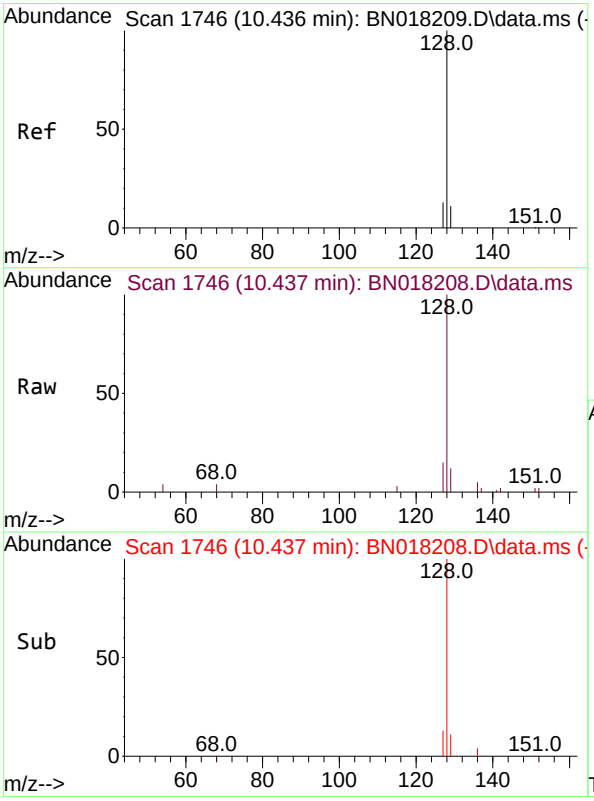
#2
1,4-Dioxane
Concen: 0.181 ng/ul
RT: 3.105 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018208.D
Acq: 27 Dec 2021 18:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 977

Ion	Ratio	Lower	Upper
88	100		
43	87.9	47.8	71.8#
58	45.9	46.2	69.2#

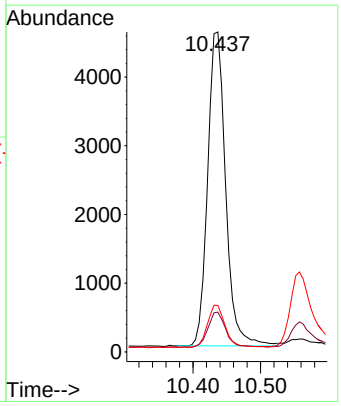


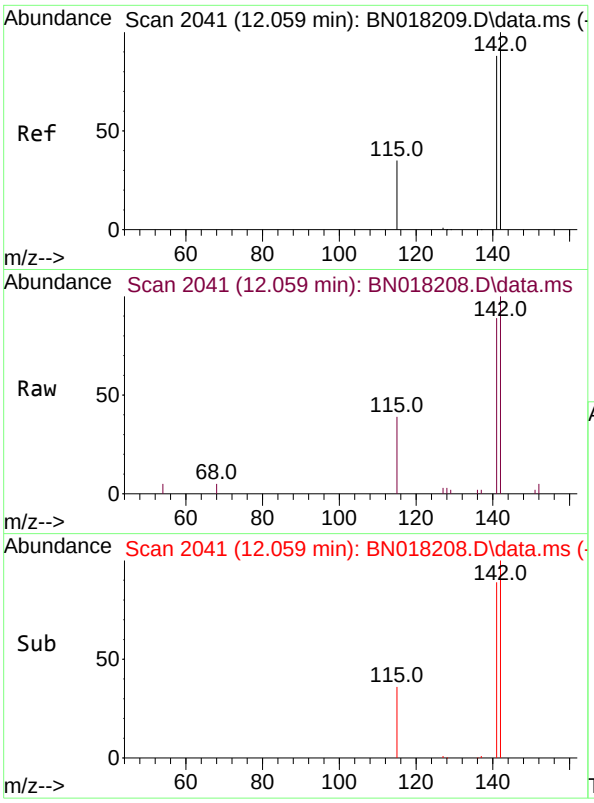


#5
Naphthalene
Concen: 0.200 ng/ul
RT: 10.437 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BN018208.D
Acq: 27 Dec 2021 18:03

Tgt Ion:128 Resp: 8462

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.4	14.0
127	14.5	11.0	16.6



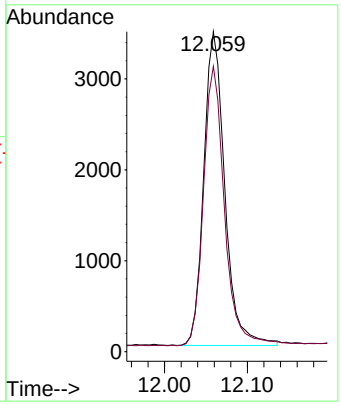


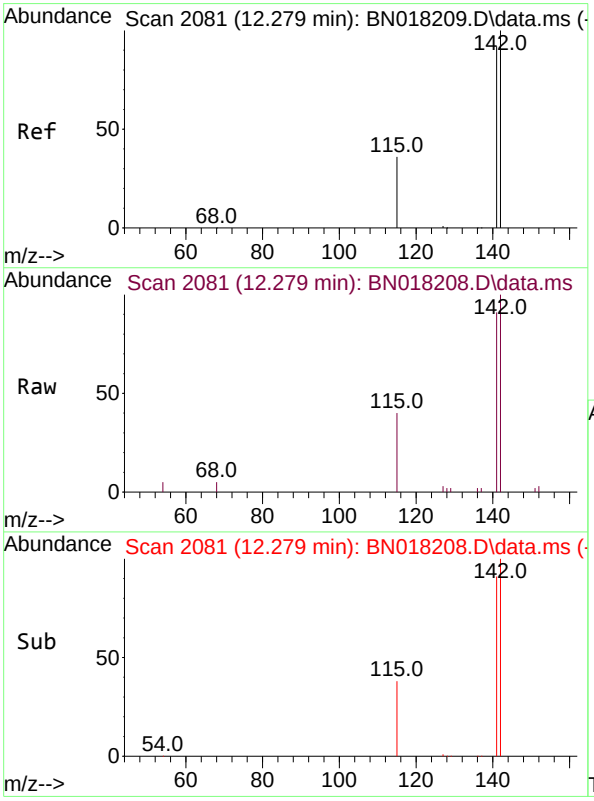
#7
2-Methylnaphthalene
Concen: 0.225 ng/ul
RT: 12.059 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018208.D
Acq: 27 Dec 2021 18:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 6112

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.9	106.3

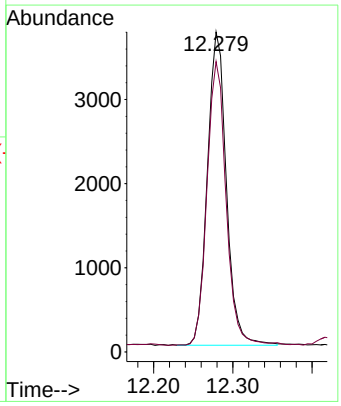


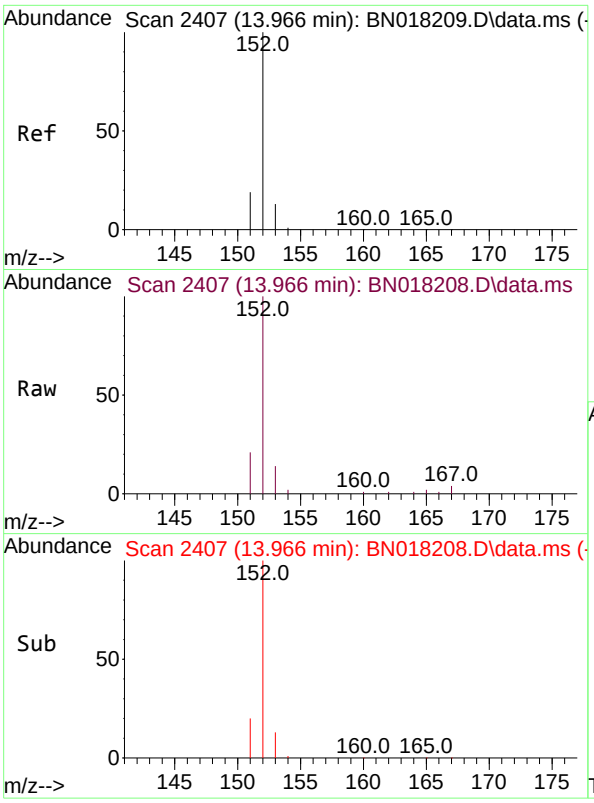


#8
1-Methylnaphthalene
Concen: 0.219 ng/ul
RT: 12.279 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BN018208.D
Acq: 27 Dec 2021 18:03

Tgt Ion:142 Resp: 6189

Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.2	109.8



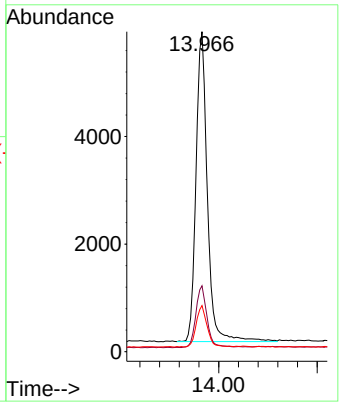


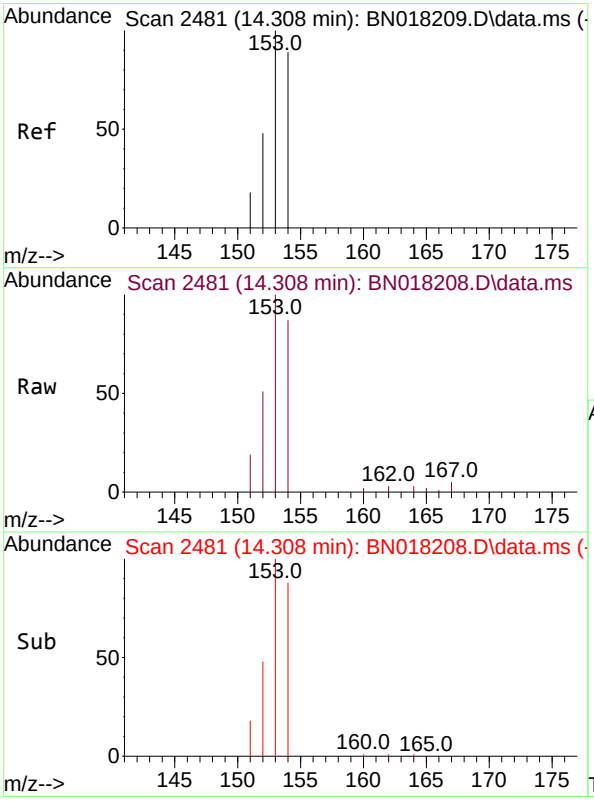
#10
Acenaphthylene
Concen: 0.203 ng/ul
RT: 13.966 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN018208.D
Acq: 27 Dec 2021 18:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 9220

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.8	23.8
153	14.4	10.7	16.1

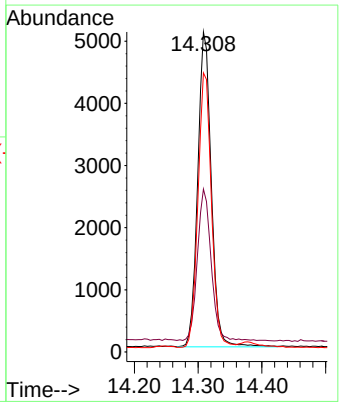


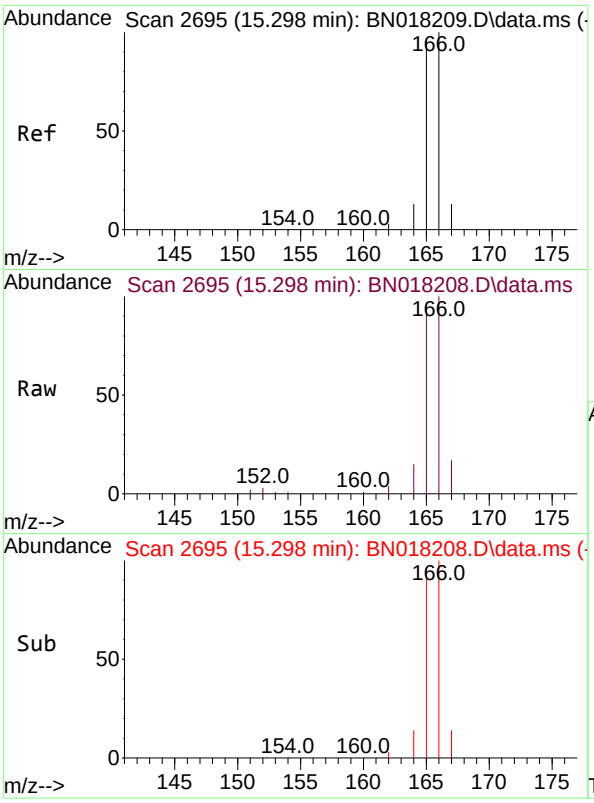


#11
Acenaphthene
Concen: 0.187 ng/ul
RT: 14.308 min Scan# 2481
Delta R.T. 0.000 min
Lab File: BN018208.D
Acq: 27 Dec 2021 18:03

Tgt Ion:153 Resp: 7487

Ion	Ratio	Lower	Upper
153	100		
152	50.9	39.7	59.5
154	87.2	70.9	106.3



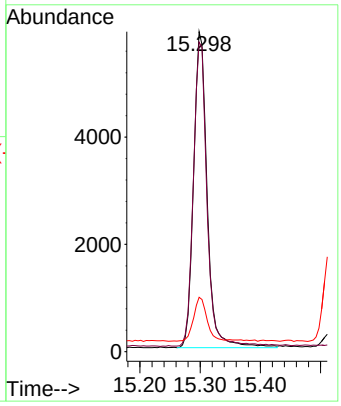


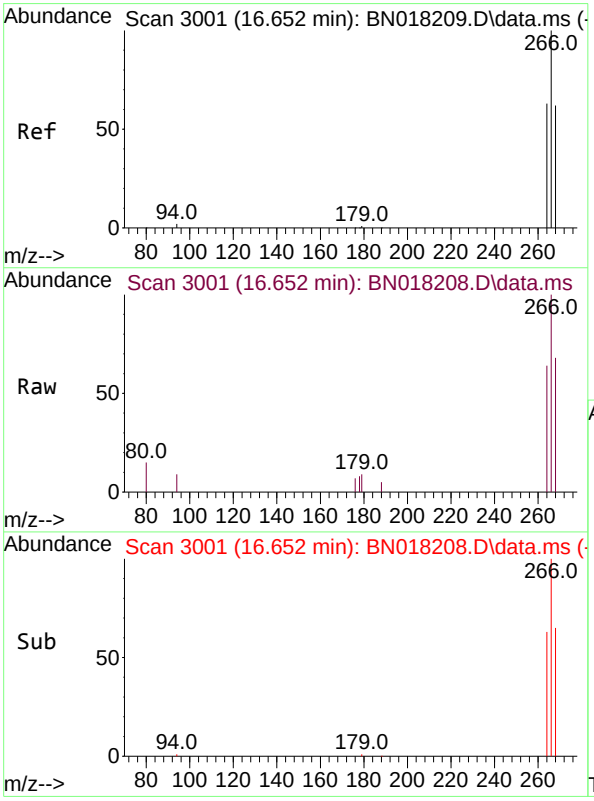
#12
Fluorene
Concen: 0.198 ng/ul
RT: 15.298 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018208.D
Acq: 27 Dec 2021 18:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 9199

Ion	Ratio	Lower	Upper
166	100		
165	96.8	77.8	116.6
167	17.0	11.6	17.4

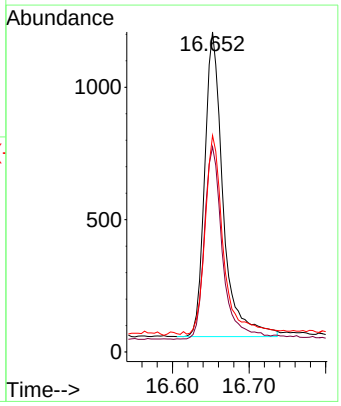


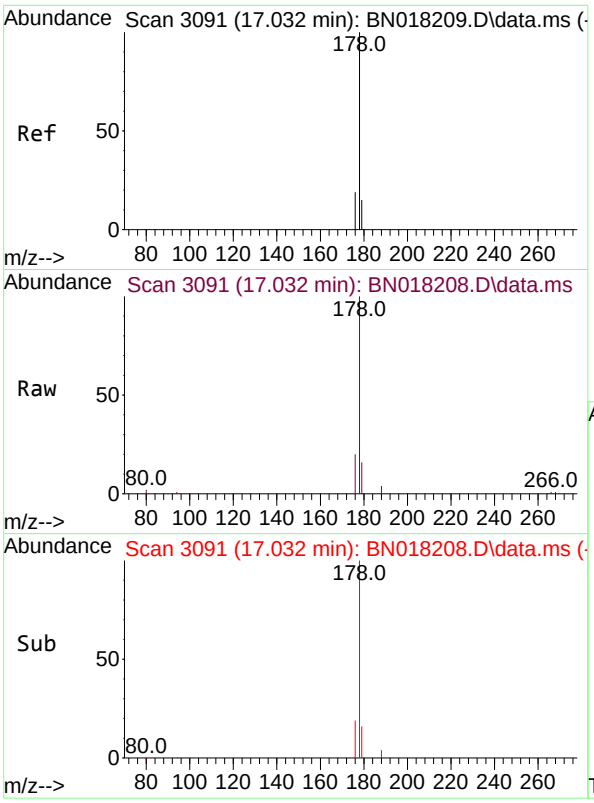


#14
Pentachlorophenol
Concen: 0.396 ng/ul
RT: 16.652 min Scan# 3001
Delta R.T. 0.000 min
Lab File: BN018208.D
Acq: 27 Dec 2021 18:03

Tgt Ion:266 Resp: 1919

Ion	Ratio	Lower	Upper
266	100		
264	63.0	49.9	74.9
268	64.9	51.7	77.5



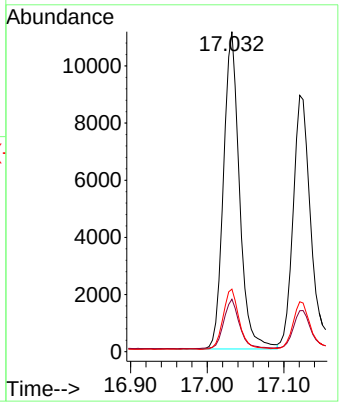


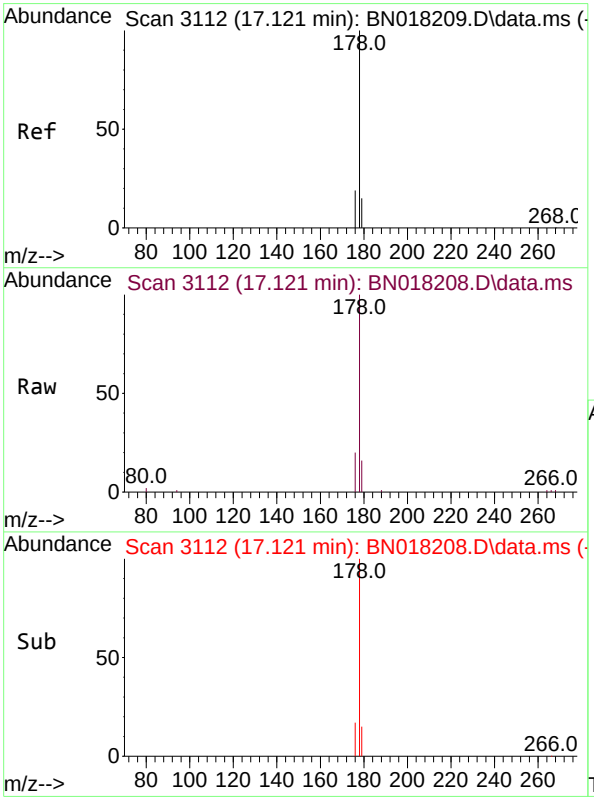
#15
Phenanthrene
Concen: 0.191 ng/ul
RT: 17.032 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN018208.D
Acq: 27 Dec 2021 18:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 16094

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.2	18.4
176	19.5	15.4	23.2

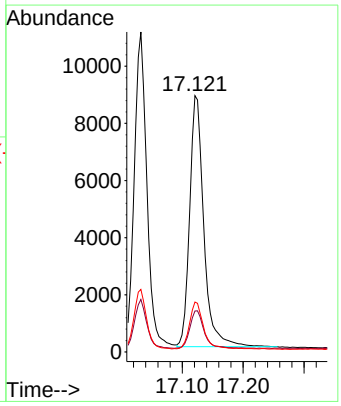


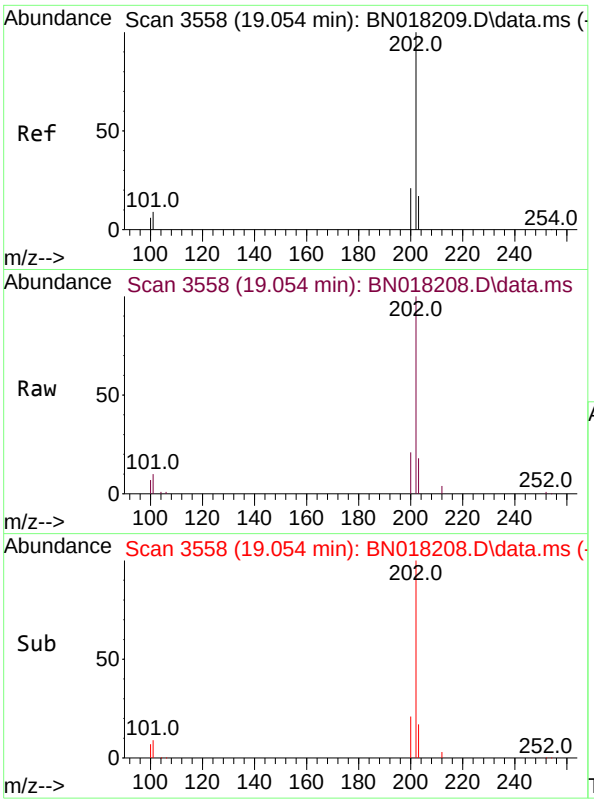


#16
Anthracene
Concen: 0.209 ng/ul
RT: 17.121 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BN018208.D
Acq: 27 Dec 2021 18:03

Tgt Ion:178 Resp: 14236

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	19.5	15.5	23.3



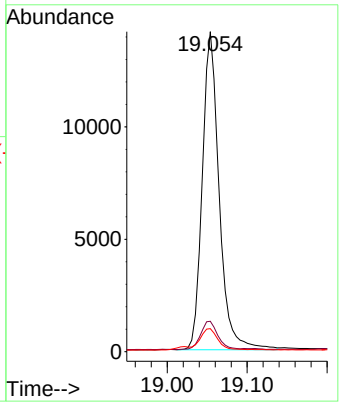


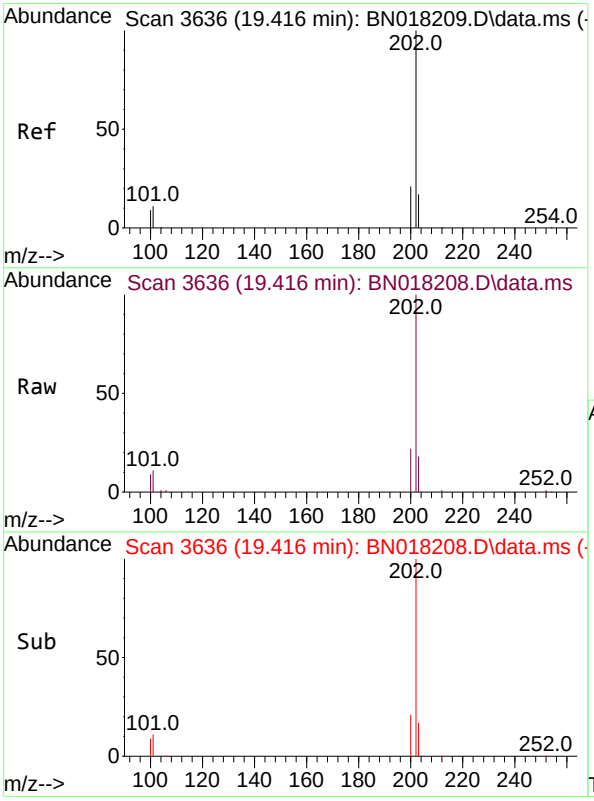
#19
Fluoranthene
Concen: 0.195 ng/ul
RT: 19.054 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN018208.D
Acq: 27 Dec 2021 18:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 20752

Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.5	11.3
100	7.2	5.4	8.2

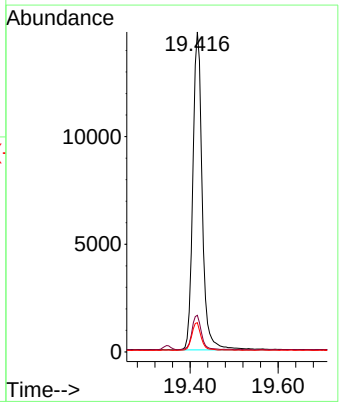


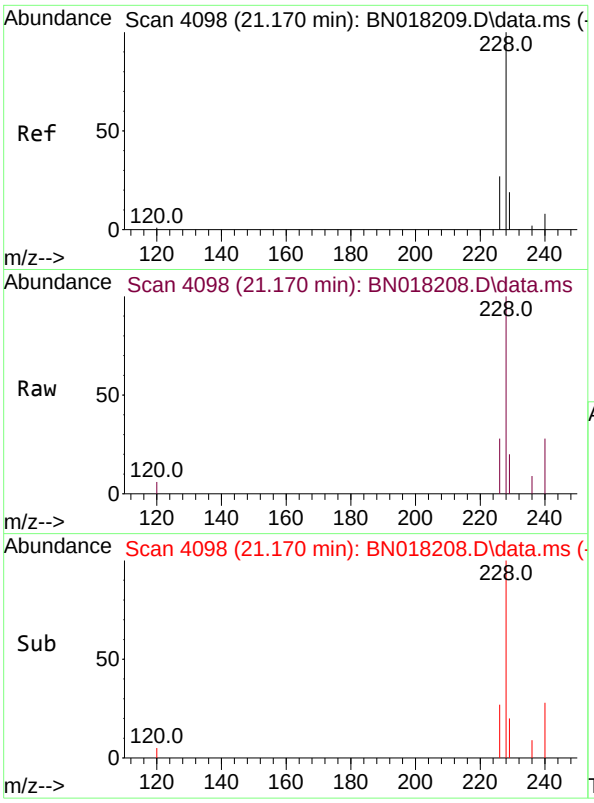


#20
Pyrene
Concen: 0.197 ng/ul
RT: 19.416 min Scan# 3636
Delta R.T. 0.000 min
Lab File: BN018208.D
Acq: 27 Dec 2021 18:03

Tgt Ion:202 Resp: 21979

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.0	13.4
100	9.1	7.0	10.4



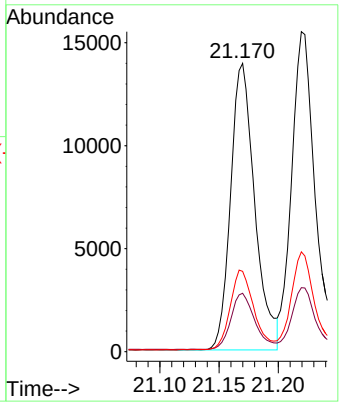


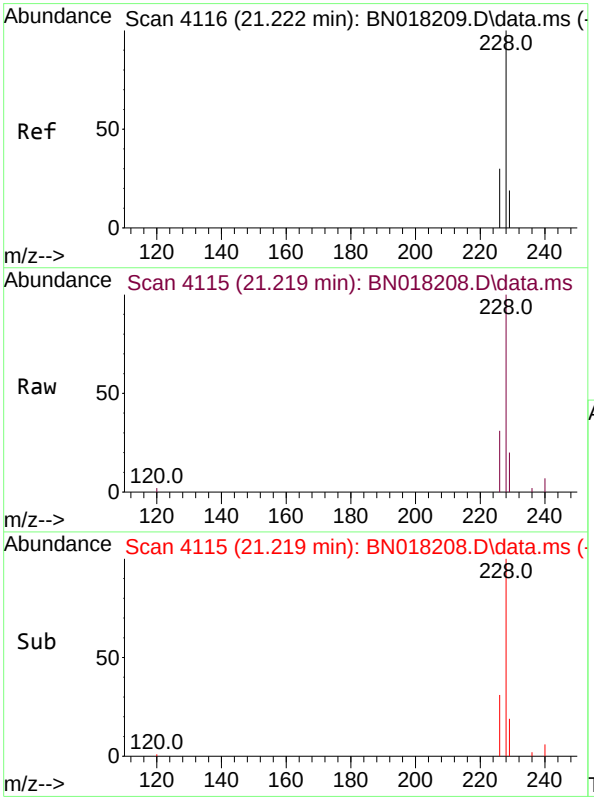
#21
Benzo(a)anthracene
Concen: 0.215 ng/ul
RT: 21.170 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN018208.D
Acq: 27 Dec 2021 18:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 19806

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.6	23.4
226	27.9	22.1	33.1

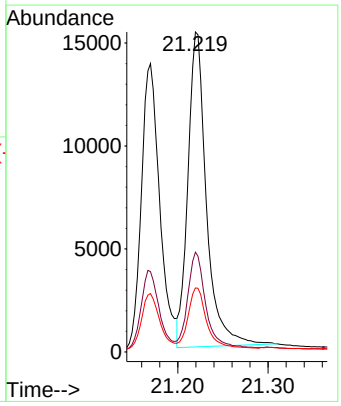


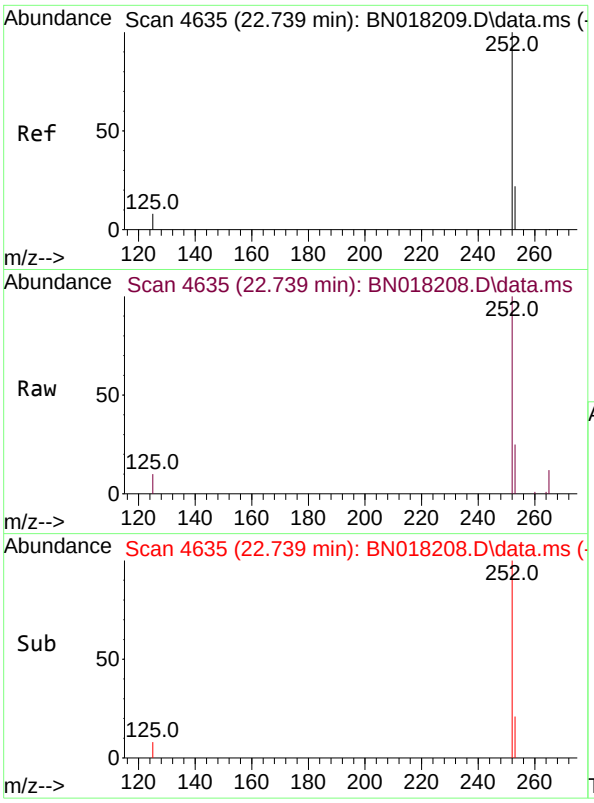


#22
Chrysene
Concen: 0.192 ng/ul
RT: 21.219 min Scan# 4115
Delta R.T. -0.003 min
Lab File: BN018208.D
Acq: 27 Dec 2021 18:03

Tgt Ion:228 Resp: 21751

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.2	36.4
229	20.0	15.7	23.5



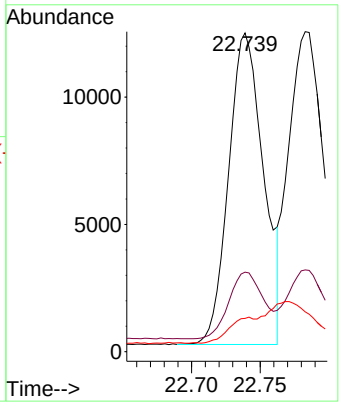


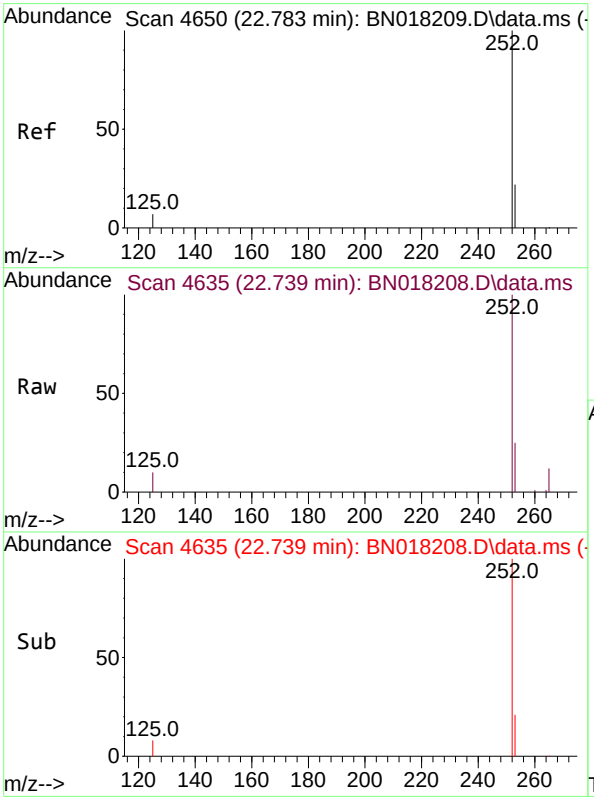
#24
Benzo(b)fluoranthene
Concen: 0.202 ng/ul
RT: 22.739 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN018208.D
Acq: 27 Dec 2021 18:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 21628

Ion	Ratio	Lower	Upper
252	100		
253	24.9	0.0	46.4
125	10.5	0.0	17.8

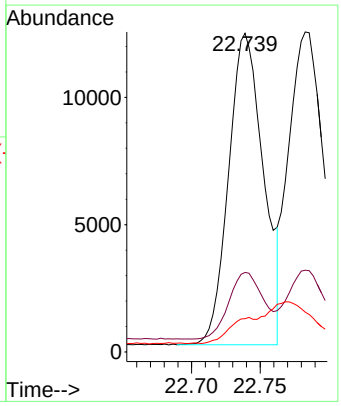


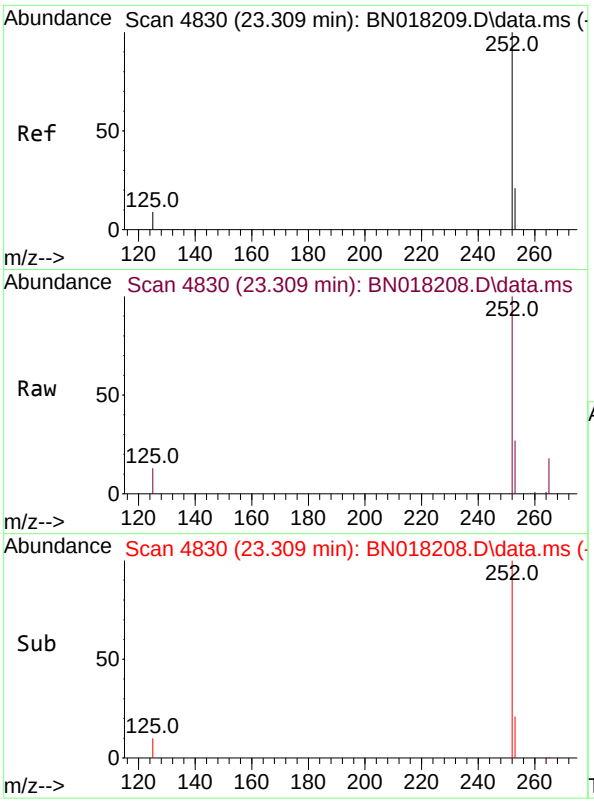


#25
Benzo(k)fluoranthene
Concen: 0.162 ng/ul
RT: 22.739 min Scan# 4635
Delta R.T. -0.044 min
Lab File: BN018208.D
Acq: 27 Dec 2021 18:03

Tgt Ion:252 Resp: 21628

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.6	28.0
125	10.5	7.3	10.9



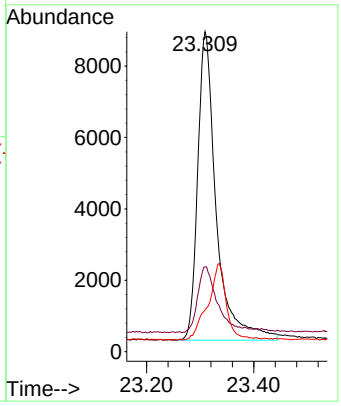


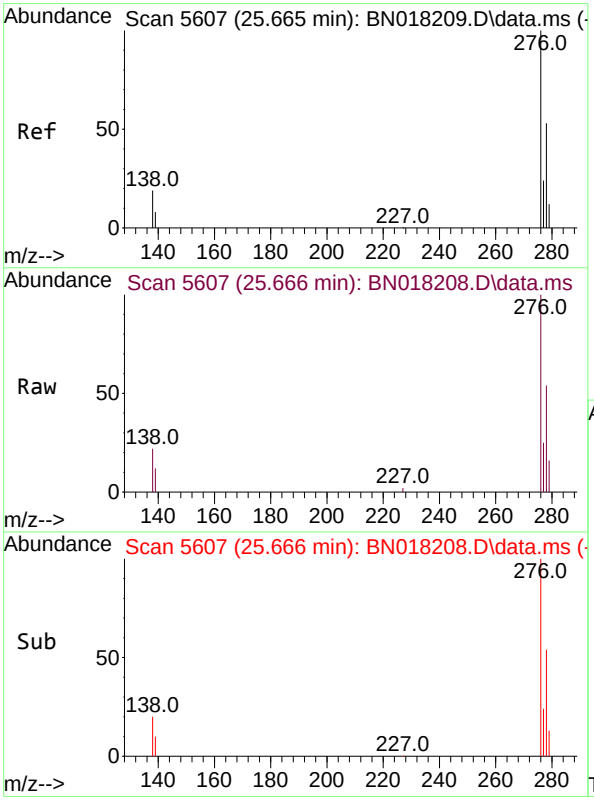
#26
Benzo(a)pyrene
Concen: 0.205 ng/ul
RT: 23.309 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN018208.D
Acq: 27 Dec 2021 18:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 20753

Ion	Ratio	Lower	Upper
252	100		
253	26.6	18.9	28.3
125	13.0	8.2	12.2#

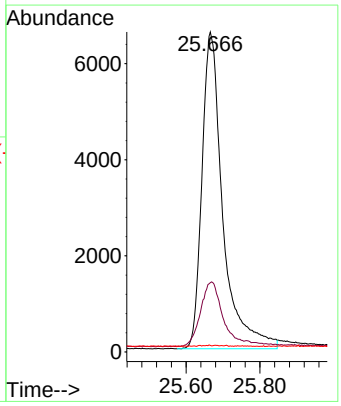


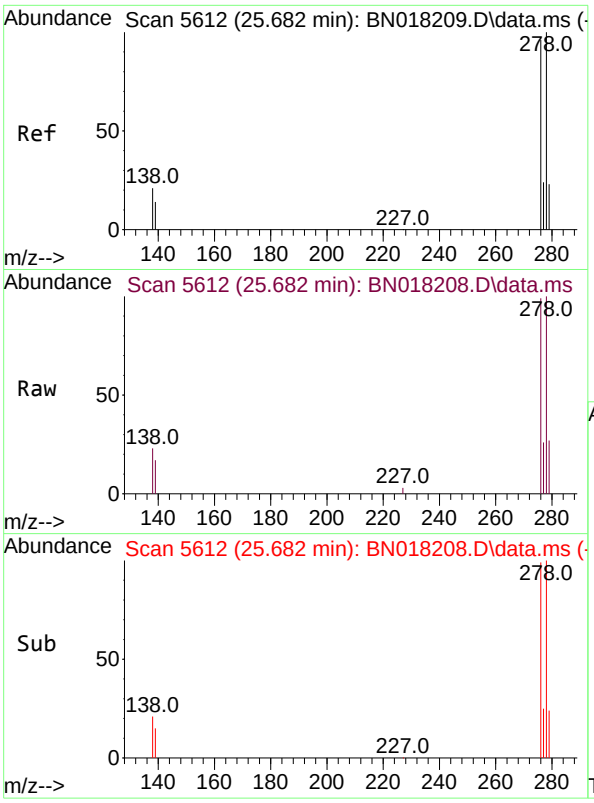


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.194 ng/ul
RT: 25.666 min Scan# 5607
Delta R.T. 0.000 min
Lab File: BN018208.D
Acq: 27 Dec 2021 18:03

Tgt Ion:276 Resp: 25876

Ion	Ratio	Lower	Upper
276	100		
138	22.9	16.5	24.7
227	0.1	0.1	0.1



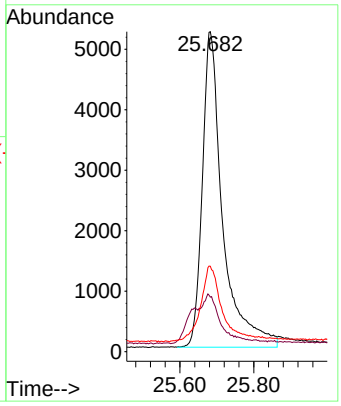


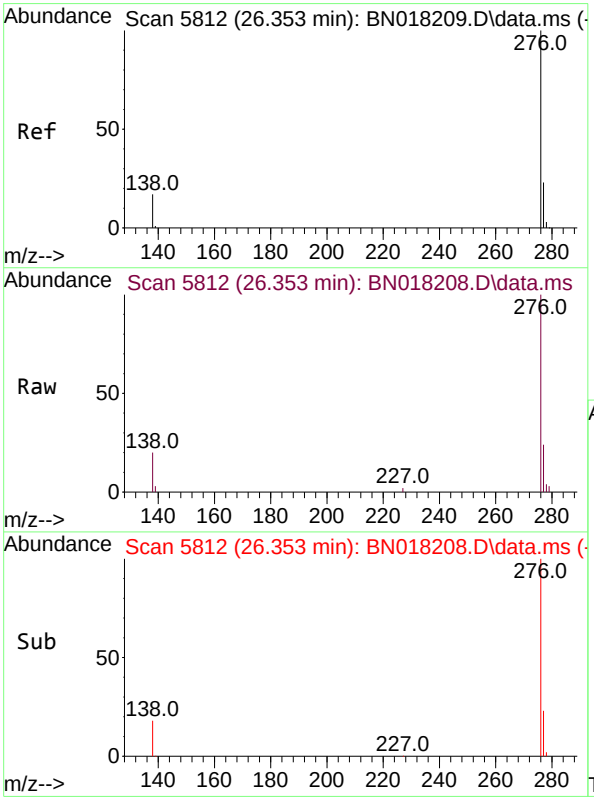
#28
Dibenzo(a,h)anthracene
Concen: 0.198 ng/ul
RT: 25.682 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN018208.D
Acq: 27 Dec 2021 18:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 19995

Ion	Ratio	Lower	Upper
278	100		
139	17.1	11.9	17.9
279	26.7	19.5	29.3





#29
Benzo(g,h,i)perylene
Concen: 0.201 ng/ul
RT: 26.353 min Scan# 5812
Delta R.T. 0.000 min
Lab File: BN018208.D
Acq: 27 Dec 2021 18:03

Tgt Ion:276 Resp: 22097

Ion	Ratio	Lower	Upper
276	100		
138	20.0	14.4	21.6
277	24.0	19.2	28.8