Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122721\
Data File : BN018207.D
Acq On : 27 Dec 2021 17:27
Operator : CG/JU
Sample : SSTD0.108
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 28 00:19:17 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	4271	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	14629	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.248	164	11528	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.989	188	25064	0.400	ng/ul	0.00
17) Chrysene-d12	21.184	240	26741	0.400	ng/ul	0.00
23) Perylene-d12	23.405	264	27106	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.071	96	481	0.109	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.987	152	2625	0.130	ng/ul	0.00
18) Fluoranthene-d10	19.026	212	7732	0.107	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.105	88	532	0.100	ng/ul#	47
5) Naphthalene	10.436	128	4297	0.103	ng/ul	96
7) 2-Methylnaphthalene	12.058	142	3174	0.119	ng/ul	99
8) 1-Methylnaphthalene	12.278	142	3184	0.115	ng/ul	99
10) Acenaphthylene	13.966	152	4747	0.104	ng/ul	97
11) Acenaphthene	14.308	153	3811	0.095	ng/ul	96
12) Fluorene	15.298	166	4784	0.103	ng/ul#	96
14) Pentachlorophenol	16.652	266	1014	0.215	ng/ul	96
15) Phenanthrene	17.032	178	8073	0.099	ng/ul	97
16) Anthracene	17.125	178	7114	0.107	ng/ul	96
19) Fluoranthene	19.053	202	10323	0.101	ng/ul	96
20) Pyrene	19.416	202	11099	0.103	ng/ul	98
21) Benzo(a)anthracene	21.169	228	9845	0.111	ng/ul	98
22) Chrysene	21.219	228	10814	0.099	ng/ul	98
24) Benzo(b)fluoranthene	22.739	252	10586	0.102	ng/ul	87
25) Benzo(k)fluoranthene	22.782	252	12843	0.099	ng/ul#	83
26) Benzo(a)pyrene	23.309	252	10700	0.109	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.665	276	13150	0.102	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.682	278	10031	0.102	ng/ul#	86
29) Benzo(g,h,i)perylene	26.353	276	11254	0.105	ng/ul	94

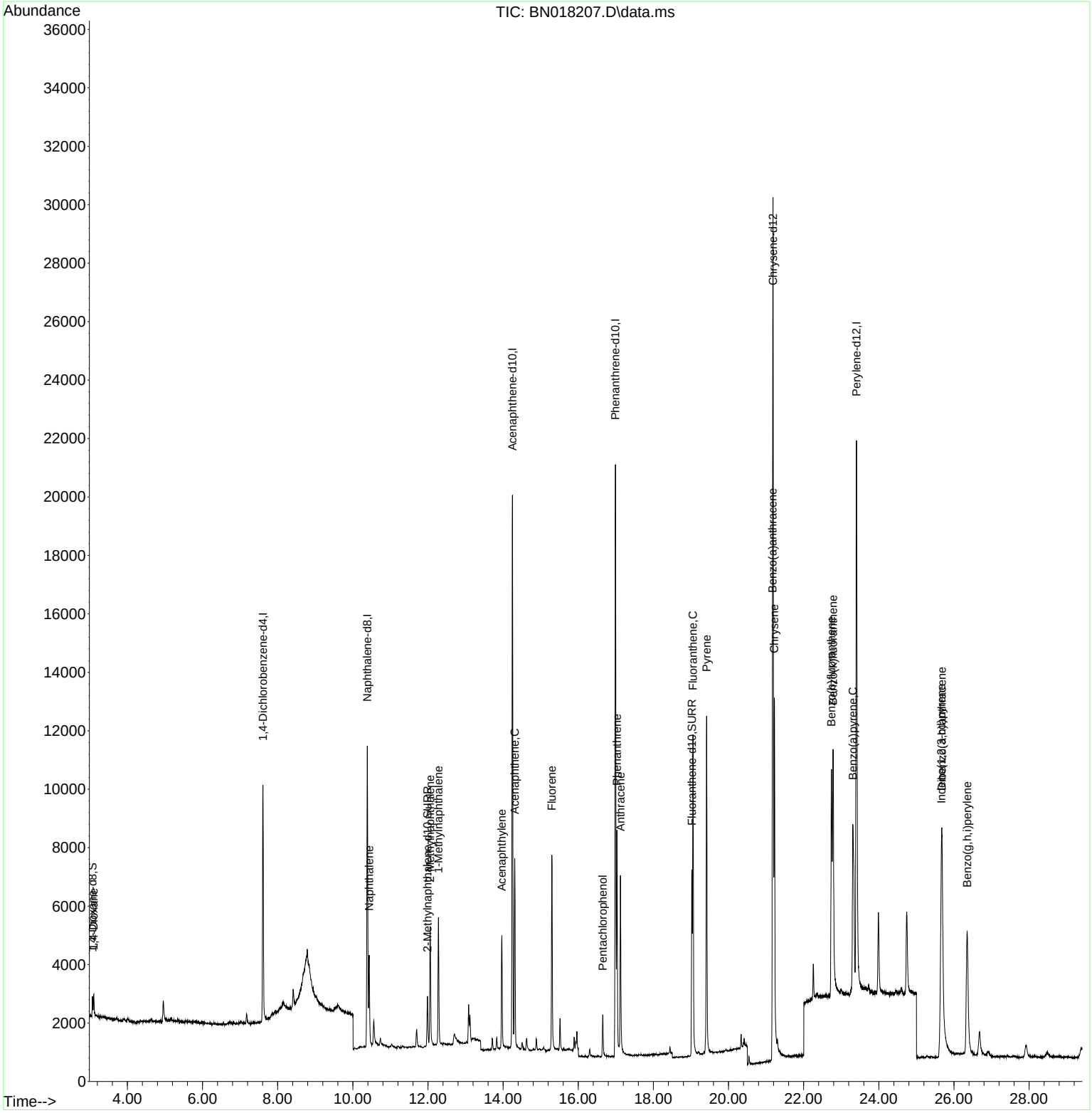
(#) = qualifier out of range (m) = manual integration (+) = signals summed

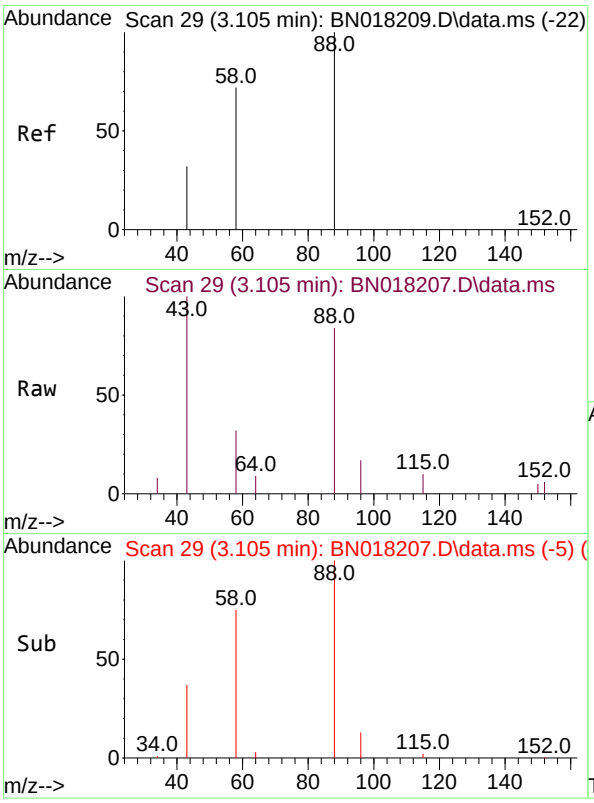
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122721\
Data File : BN018207.D
Acq On : 27 Dec 2021 17:27
Operator : CG/JU
Sample : SSTD0.108
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 28 00:19:17 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



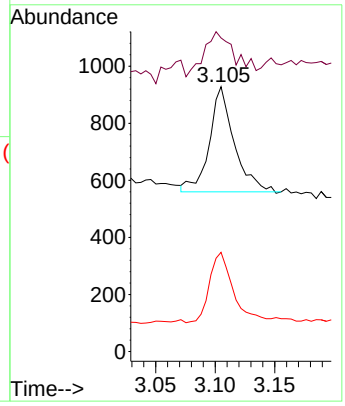


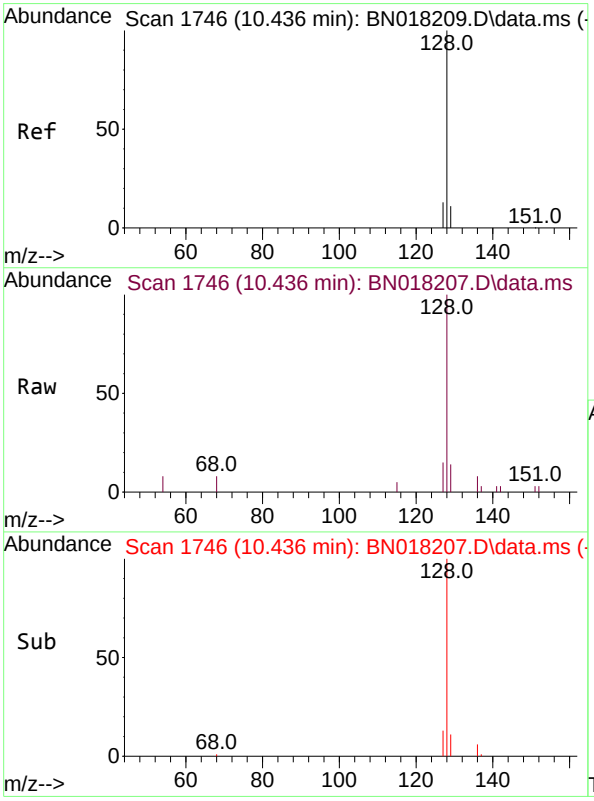
#2
1,4-Dioxane
Concen: 0.100 ng/ul
RT: 3.105 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN018207.D
Acq: 27 Dec 2021 17:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 532

Ion	Ratio	Lower	Upper
88	100		
43	118.4	47.8	71.8#
58	37.5	46.2	69.2#

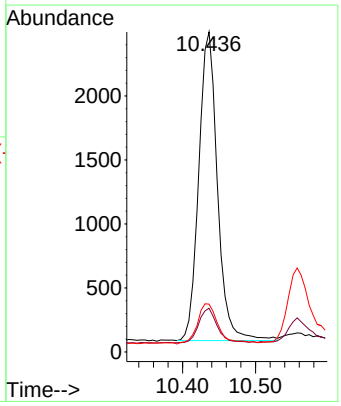


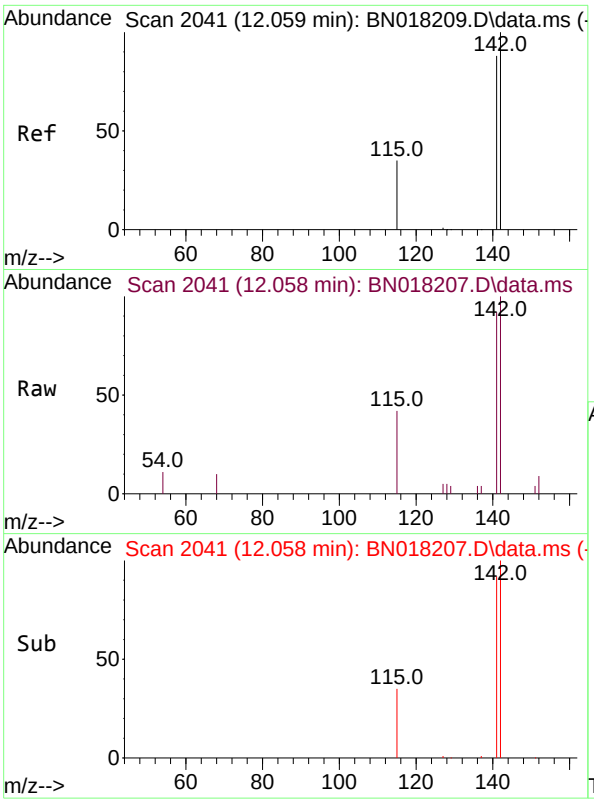


#5
Naphthalene
Concen: 0.103 ng/ul
RT: 10.436 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BN018207.D
Acq: 27 Dec 2021 17:27

Tgt Ion:128 Resp: 4297

Ion	Ratio	Lower	Upper
128	100		
129	13.6	9.4	14.0
127	15.0	11.0	16.6



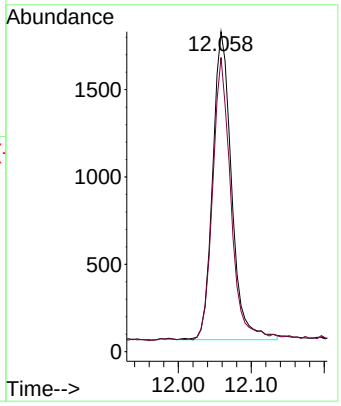


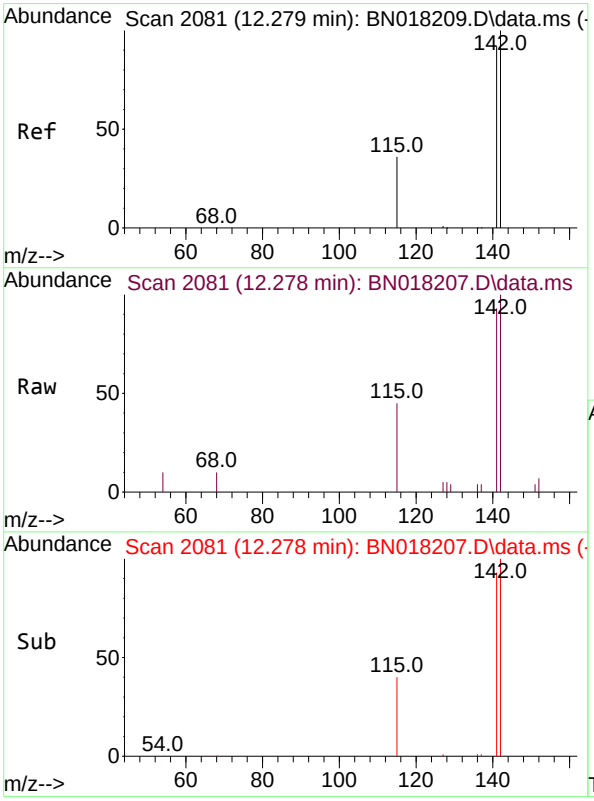
#7
2-Methylnaphthalene
Concen: 0.119 ng/ul
RT: 12.058 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN018207.D
Acq: 27 Dec 2021 17:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 3174

Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.9	106.3

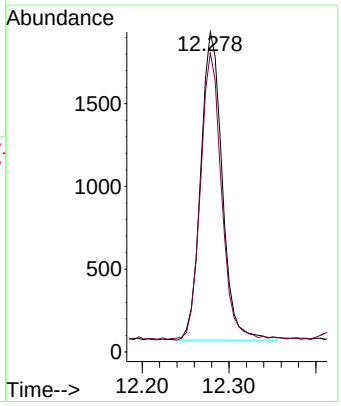


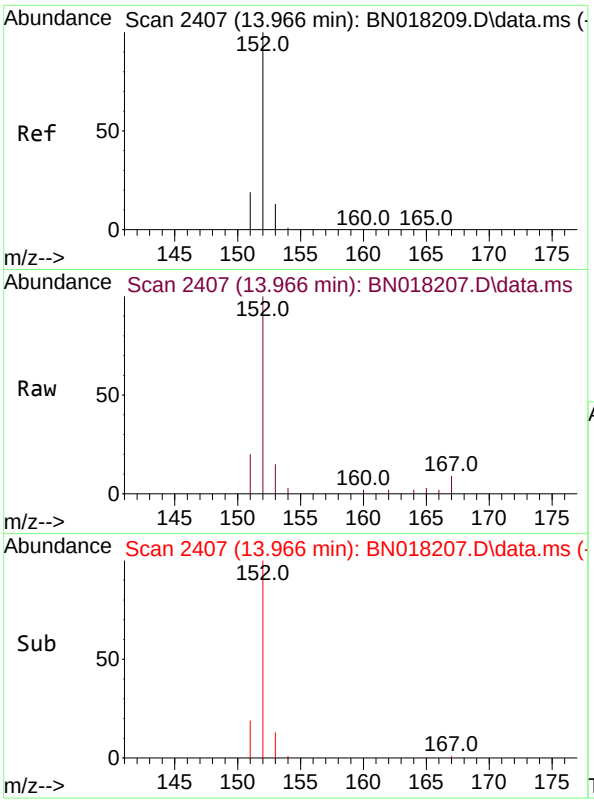


#8
1-Methylnaphthalene
Concen: 0.115 ng/ul
RT: 12.278 min Scan# 2081
Delta R.T. -0.000 min
Lab File: BN018207.D
Acq: 27 Dec 2021 17:27

Tgt Ion:142 Resp: 3184

Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.2	109.8



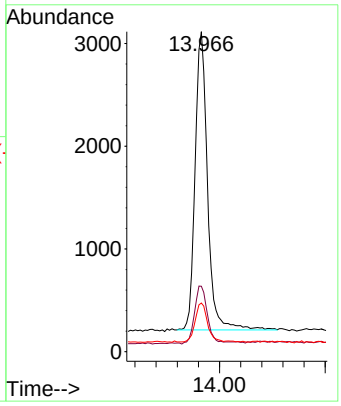


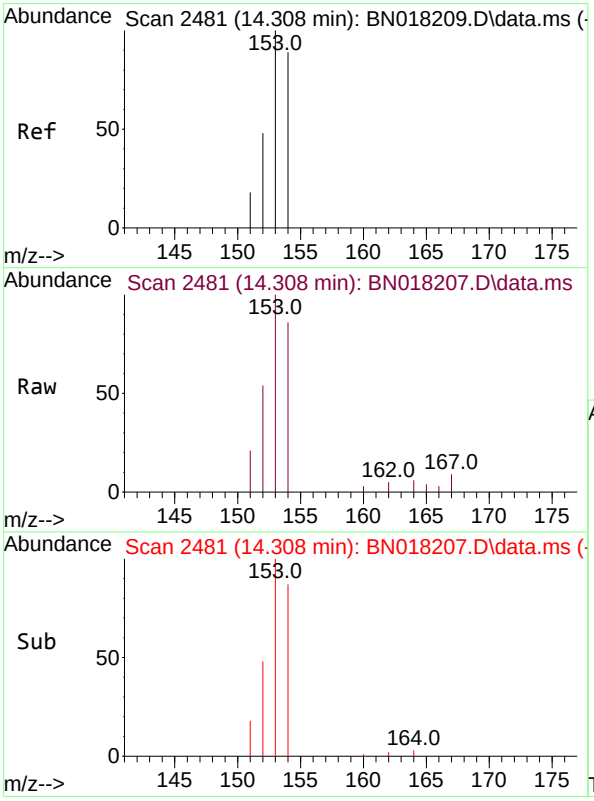
#10
Acenaphthylene
Concen: 0.104 ng/ul
RT: 13.966 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN018207.D
Acq: 27 Dec 2021 17:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4747

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.8	23.8
153	15.2	10.7	16.1

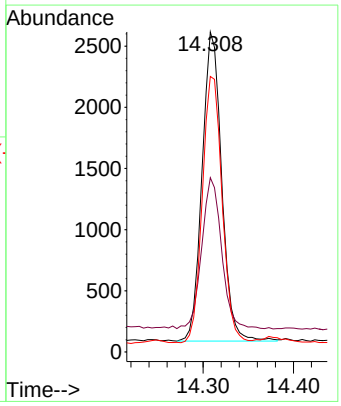


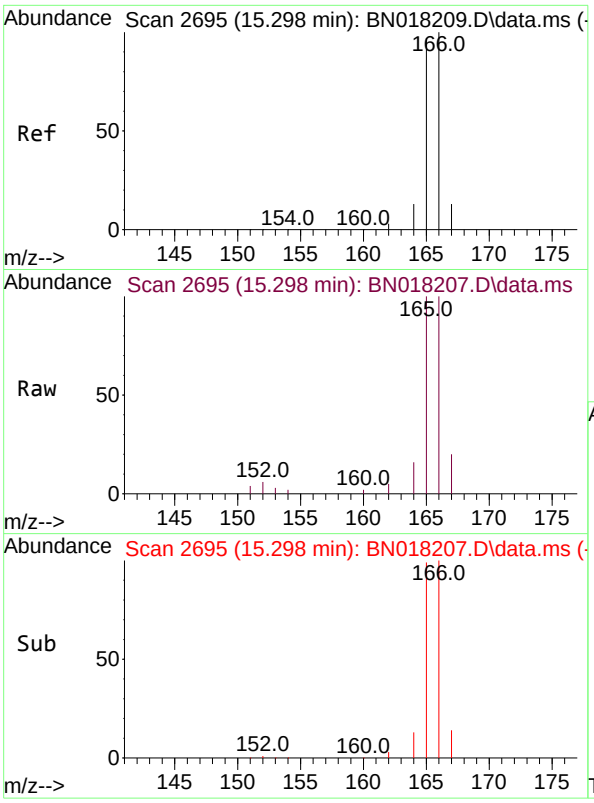


#11
Acenaphthene
Concen: 0.095 ng/ul
RT: 14.308 min Scan# 2481
Delta R.T. -0.000 min
Lab File: BN018207.D
Acq: 27 Dec 2021 17:27

Tgt Ion:153 Resp: 3811

Ion	Ratio	Lower	Upper
153	100		
152	54.5	39.7	59.5
154	86.1	70.9	106.3



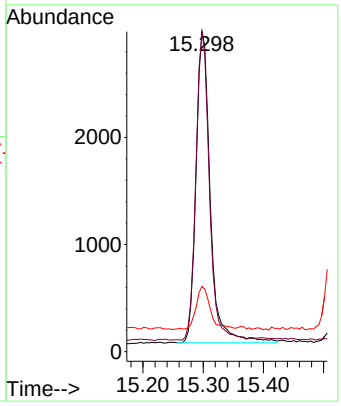


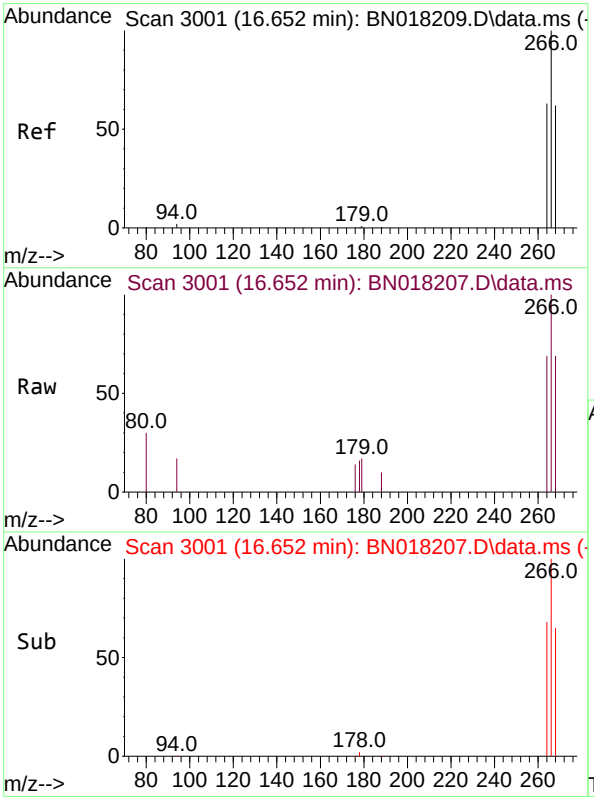
#12
Fluorene
Concen: 0.103 ng/ul
RT: 15.298 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN018207.D
Acq: 27 Dec 2021 17:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 4784

Ion	Ratio	Lower	Upper
166	100		
165	99.7	77.8	116.6
167	20.4	11.6	17.4#

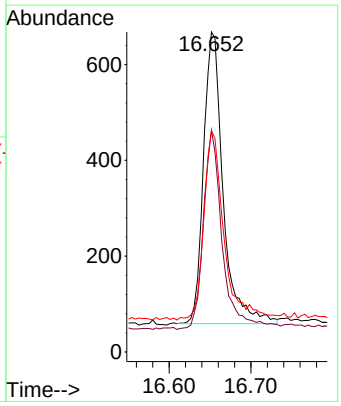


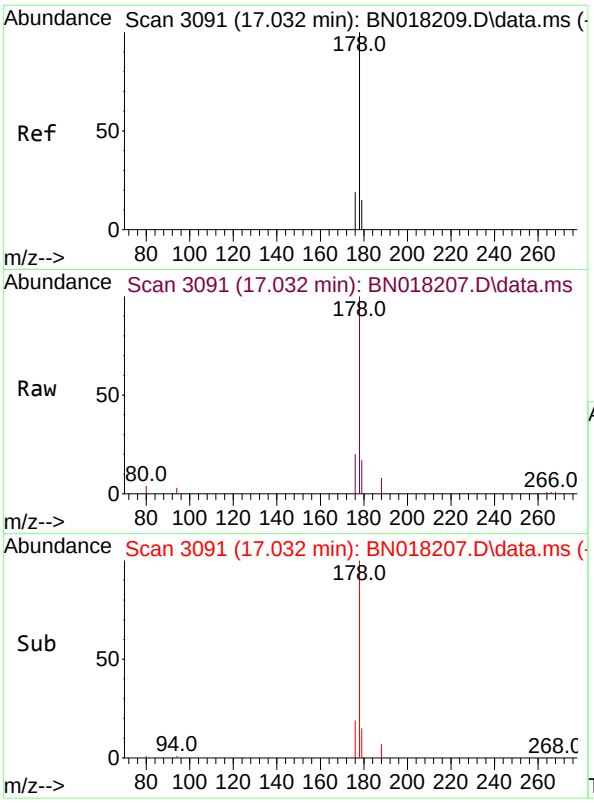


#14
Pentachlorophenol
Concen: 0.215 ng/ul
RT: 16.652 min Scan# 3001
Delta R.T. -0.000 min
Lab File: BN018207.D
Acq: 27 Dec 2021 17:27

Tgt Ion:266 Resp: 1014

Ion	Ratio	Lower	Upper
266	100		
264	66.3	49.9	74.9
268	66.9	51.7	77.5



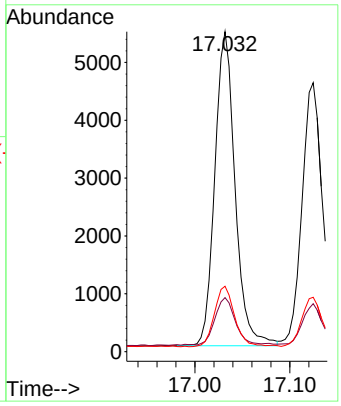


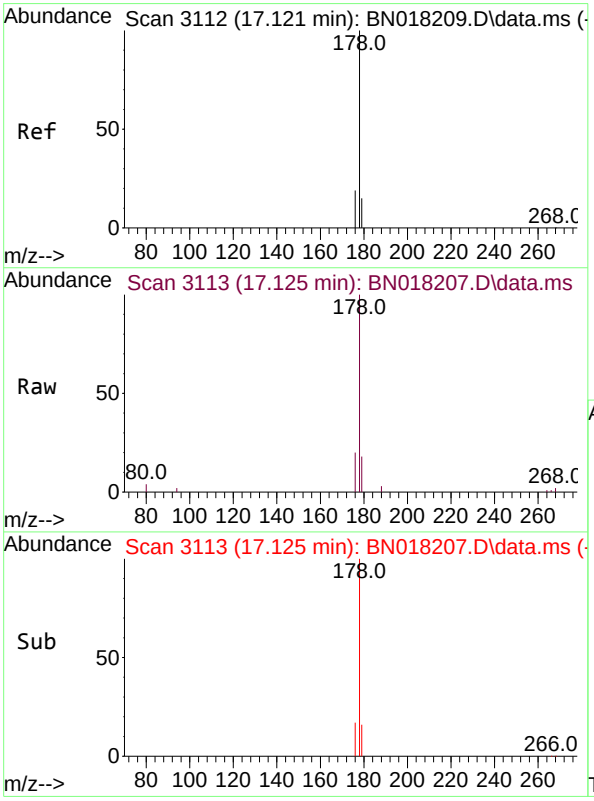
#15
Phenanthrene
Concen: 0.099 ng/ul
RT: 17.032 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN018207.D
Acq: 27 Dec 2021 17:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 8073

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.2	18.4
176	20.4	15.4	23.2

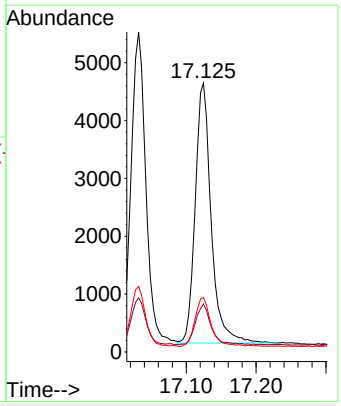


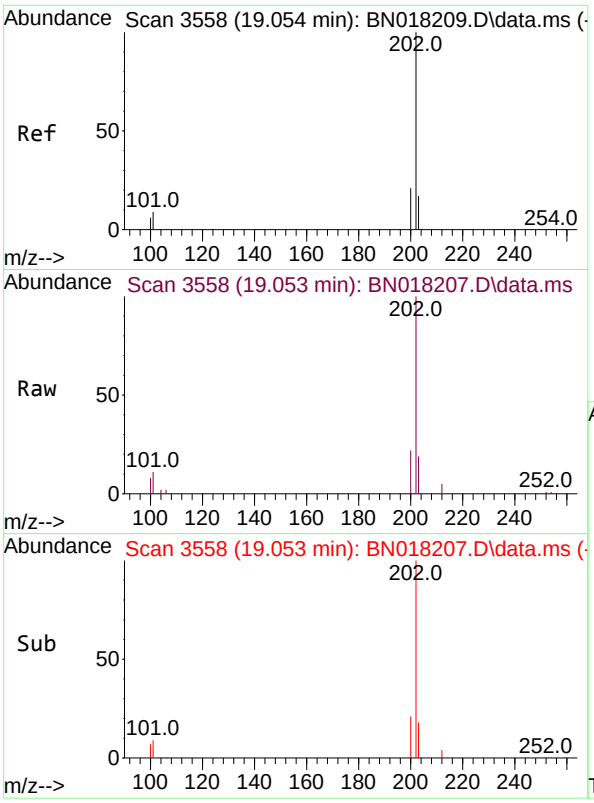


#16
Anthracene
Concen: 0.107 ng/ul
RT: 17.125 min Scan# 3113
Delta R.T. 0.004 min
Lab File: BN018207.D
Acq: 27 Dec 2021 17:27

Tgt Ion:178 Resp: 7114

Ion	Ratio	Lower	Upper
178	100		
179	17.9	12.3	18.5
176	20.2	15.5	23.3



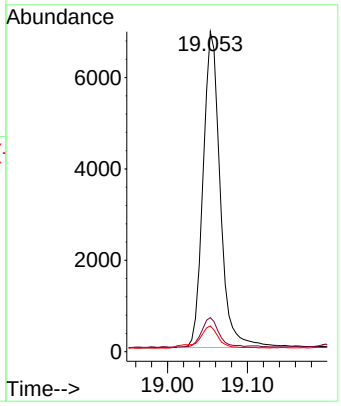


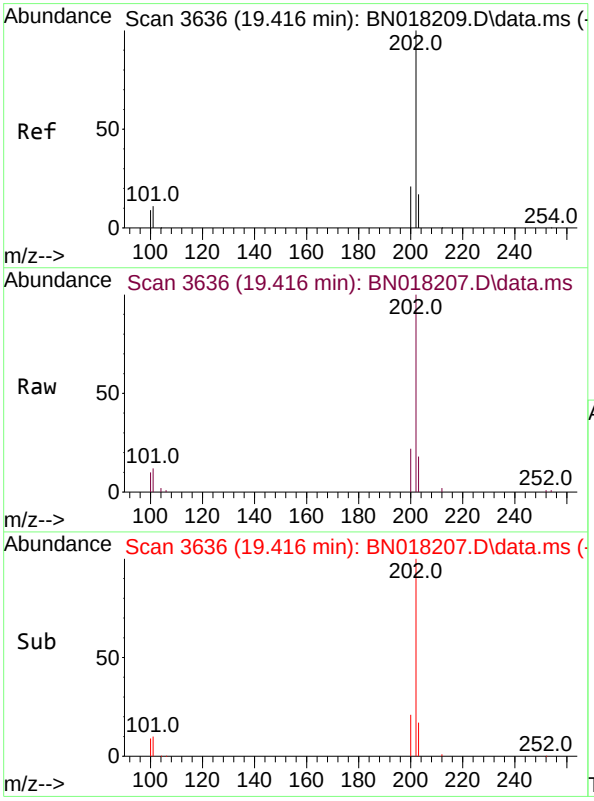
#19
Fluoranthene
Concen: 0.101 ng/ul
RT: 19.053 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN018207.D
Acq: 27 Dec 2021 17:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 10323

Ion	Ratio	Lower	Upper
202	100		
101	10.7	7.5	11.3
100	8.1	5.4	8.2

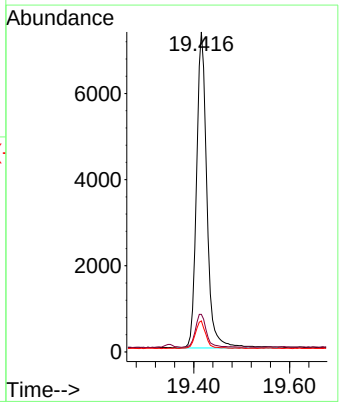


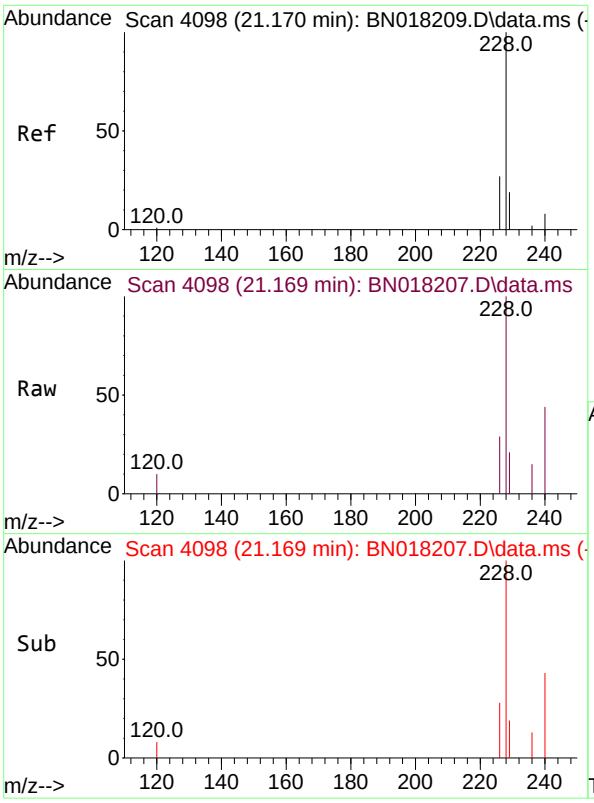


#20
Pyrene
Concen: 0.103 ng/ul
RT: 19.416 min Scan# 3636
Delta R.T. -0.000 min
Lab File: BN018207.D
Acq: 27 Dec 2021 17:27

Tgt Ion:202 Resp: 11099

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.0	13.4
100	9.7	7.0	10.4



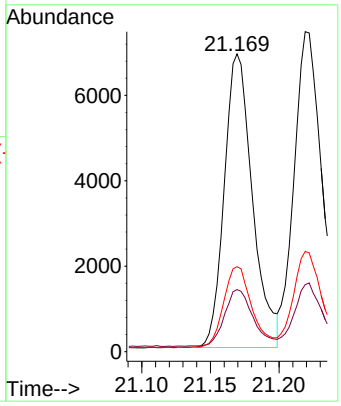


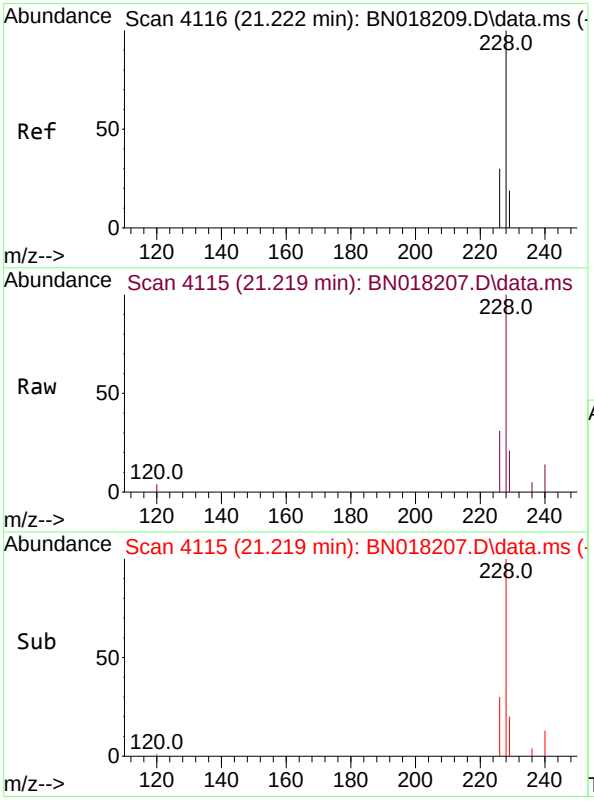
#21
Benzo(a)anthracene
Concen: 0.111 ng/ul
RT: 21.169 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN018207.D
Acq: 27 Dec 2021 17:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 9845

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.6	23.4
226	28.5	22.1	33.1

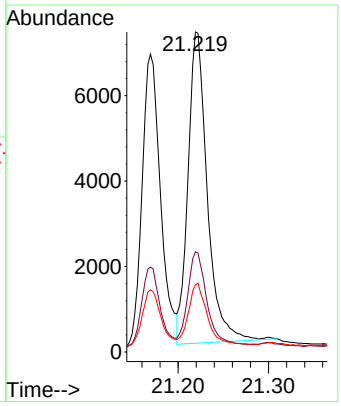


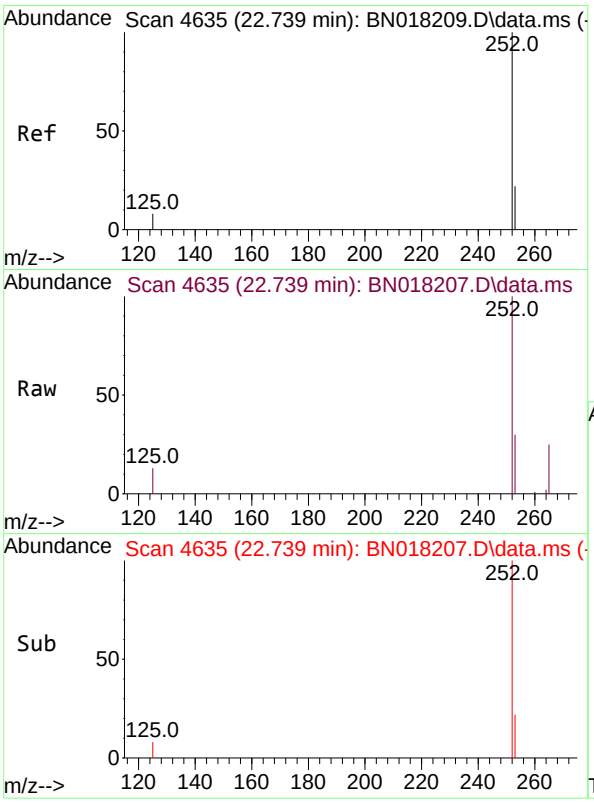


#22
Chrysene
Concen: 0.099 ng/ul
RT: 21.219 min Scan# 4115
Delta R.T. -0.003 min
Lab File: BN018207.D
Acq: 27 Dec 2021 17:27

Tgt Ion:228 Resp: 10814

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.2	36.4
229	20.9	15.7	23.5



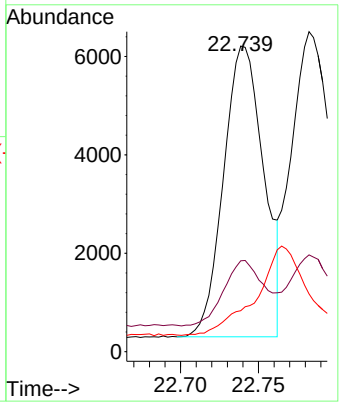


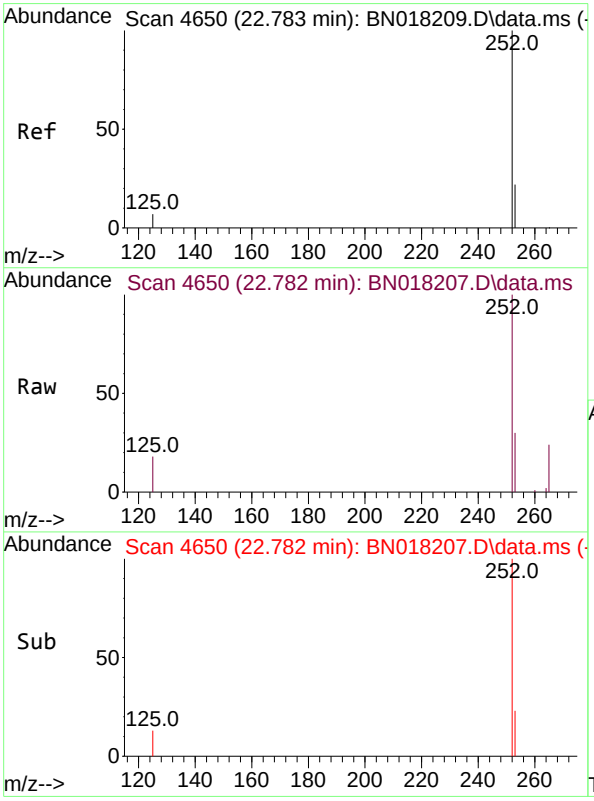
#24
Benzo(b)fluoranthene
Concen: 0.102 ng/ul
RT: 22.739 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN018207.D
Acq: 27 Dec 2021 17:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 10586

Ion	Ratio	Lower	Upper
252	100		
253	29.8	0.0	46.4
125	13.4	0.0	17.8

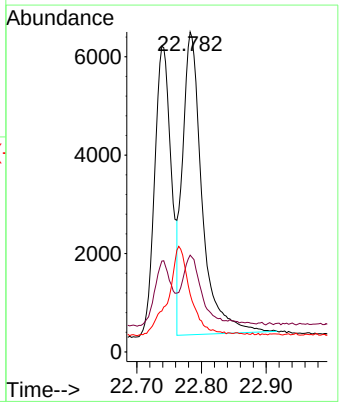


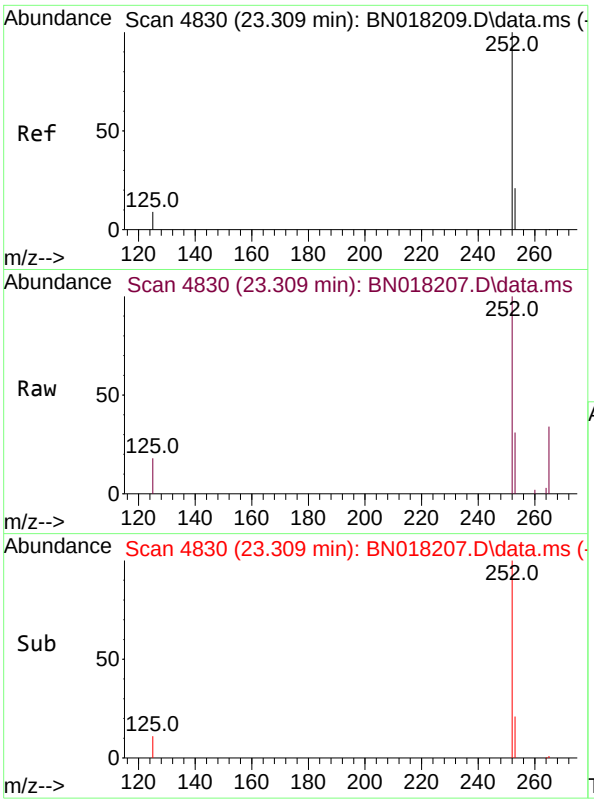


#25
Benzo(k)fluoranthene
Concen: 0.099 ng/ul
RT: 22.782 min Scan# 4650
Delta R.T. -0.000 min
Lab File: BN018207.D
Acq: 27 Dec 2021 17:27

Tgt Ion:252 Resp: 12843

Ion	Ratio	Lower	Upper
252	100		
253	30.3	18.6	28.0#
125	18.0	7.3	10.9#



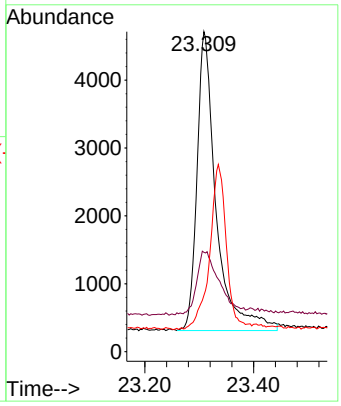


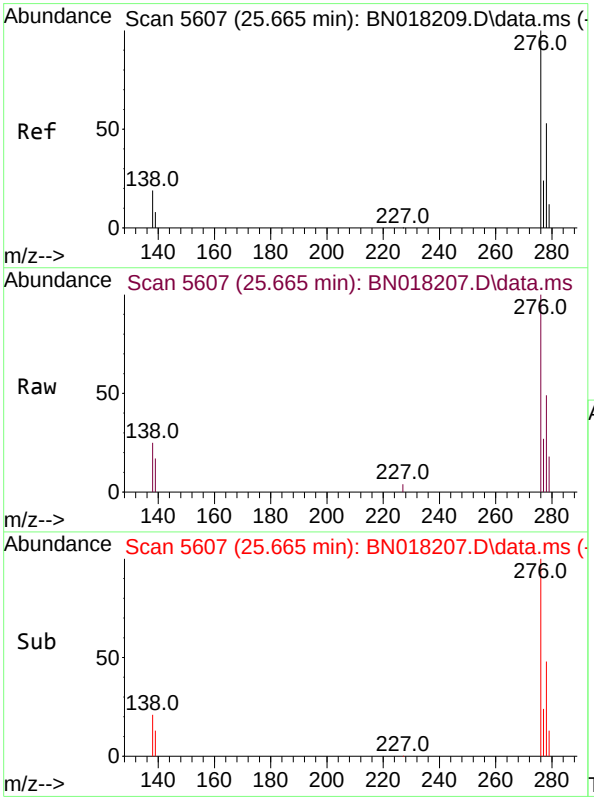
#26
Benzo(a)pyrene
Concen: 0.109 ng/ul
RT: 23.309 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN018207.D
Acq: 27 Dec 2021 17:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 10700

Ion	Ratio	Lower	Upper
252	100		
253	31.0	18.9	28.3#
125	17.6	8.2	12.2#

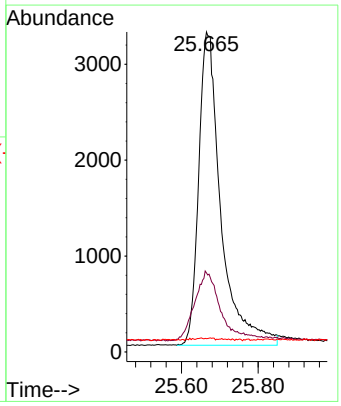


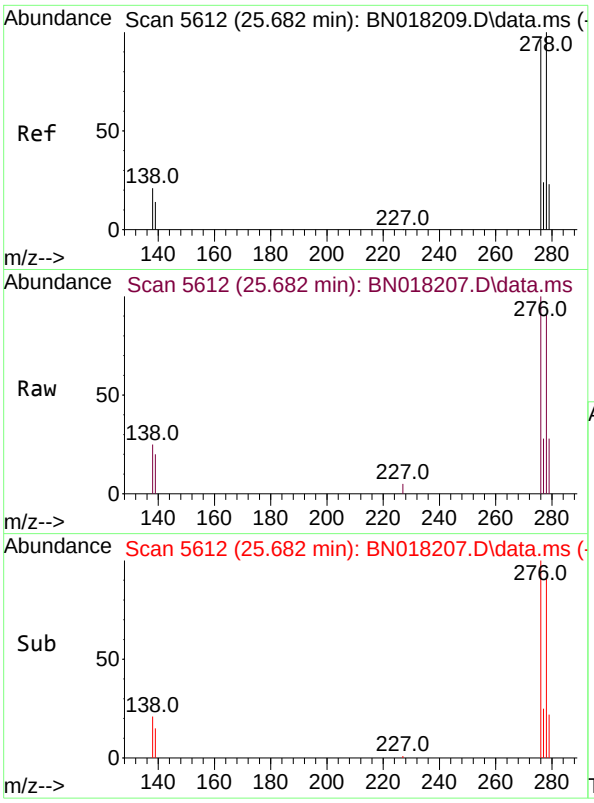


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.102 ng/ul
RT: 25.665 min Scan# 5607
Delta R.T. -0.000 min
Lab File: BN018207.D
Acq: 27 Dec 2021 17:27

Tgt Ion:276 Resp: 13150

Ion	Ratio	Lower	Upper
276	100		
138	26.4	16.5	24.7#
227	0.2	0.1	0.1#



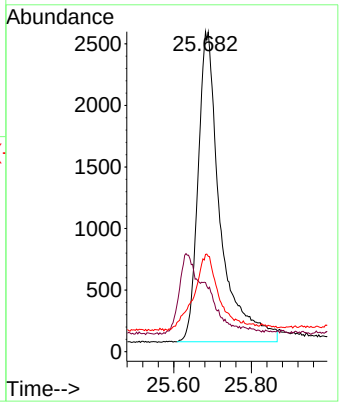


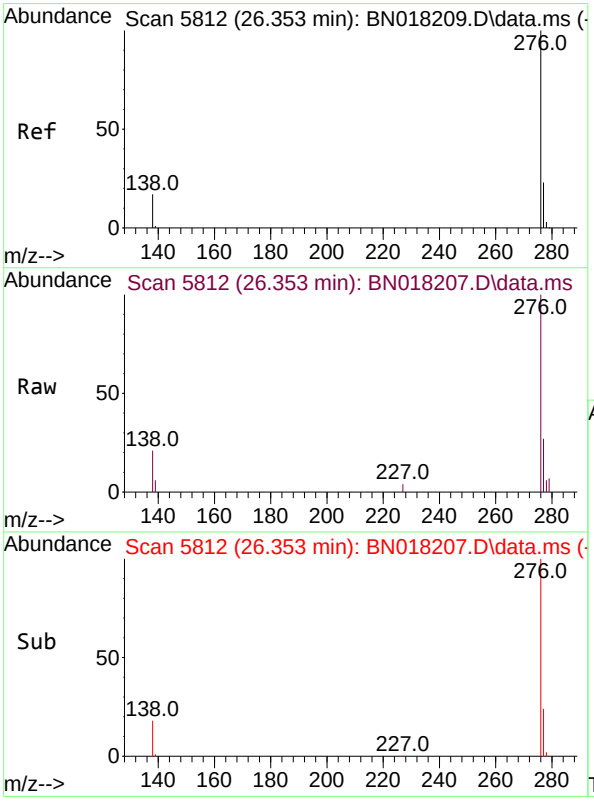
#28
Dibenzo(a,h)anthracene
Concen: 0.102 ng/ul
RT: 25.682 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN018207.D
Acq: 27 Dec 2021 17:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 10031

Ion	Ratio	Lower	Upper
278	100		
139	21.6	11.9	17.9#
279	30.4	19.5	29.3#





#29
Benzo(g,h,i)perylene
Concen: 0.105 ng/ul
RT: 26.353 min Scan# 5812
Delta R.T. -0.000 min
Lab File: BN018207.D
Acq: 27 Dec 2021 17:27

Tgt Ion:276 Resp: 11254

Ion	Ratio	Lower	Upper
276	100		
138	21.1	14.4	21.6
277	26.9	19.2	28.8