Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122721\
Data File : BN018211.D
Acq On : 27 Dec 2021 19:51
Operator : CG/JU
Sample : SSTD1.612
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 28 00:19:46 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	5263	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	18649	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.248	164	13672	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.990	188	31131	0.400	ng/ul	0.00
17) Chrysene-d12	21.184	240	34237	0.400	ng/ul	0.00
23) Perylene-d12	23.405	264	33449	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.067	96	6560	1.206	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.982	152	45764	1.783	ng/ul	0.00
18) Fluoranthene-d10	19.021	212	145676	1.569	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.105	88	7433	1.130	ng/ul#	80
5) Naphthalene	10.431	128	79494	1.500	ng/ul	99
7) 2-Methylnaphthalene	12.059	142	58582	1.719	ng/ul	100
8) 1-Methylnaphthalene	12.279	142	58460	1.650	ng/ul	99
10) Acenaphthylene	13.966	152	88327	1.633	ng/ul	99
11) Acenaphthene	14.308	153	69588	1.461	ng/ul	99
12) Fluorene	15.298	166	85656	1.552	ng/ul	99
14) Pentachlorophenol	16.652	266	18030	3.082	ng/ul	99
15) Phenanthrene	17.032	178	148176	1.458	ng/ul	100
16) Anthracene	17.121	178	137794	1.675	ng/ul	99
19) Fluoranthene	19.054	202	196123	1.493	ng/ul	99
20) Pyrene	19.416	202	200391	1.456	ng/ul	98
21) Benzo(a)anthracene	21.167	228	193716	1.702	ng/ul	99
22) Chrysene	21.219	228	201591	1.445	ng/ul	100
24) Benzo(b)fluoranthene	22.736	252	207704	1.622	ng/ul	97
25) Benzo(k)fluoranthene	22.780	252	223531	1.401	ng/ul	98
26) Benzo(a)pyrene	23.306	252	190314	1.570	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.662	276	250595	1.568	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.675	278	195776	1.618	ng/ul	98
29) Benzo(g,h,i)perylene	26.346	276	208611	1.583	ng/ul	99

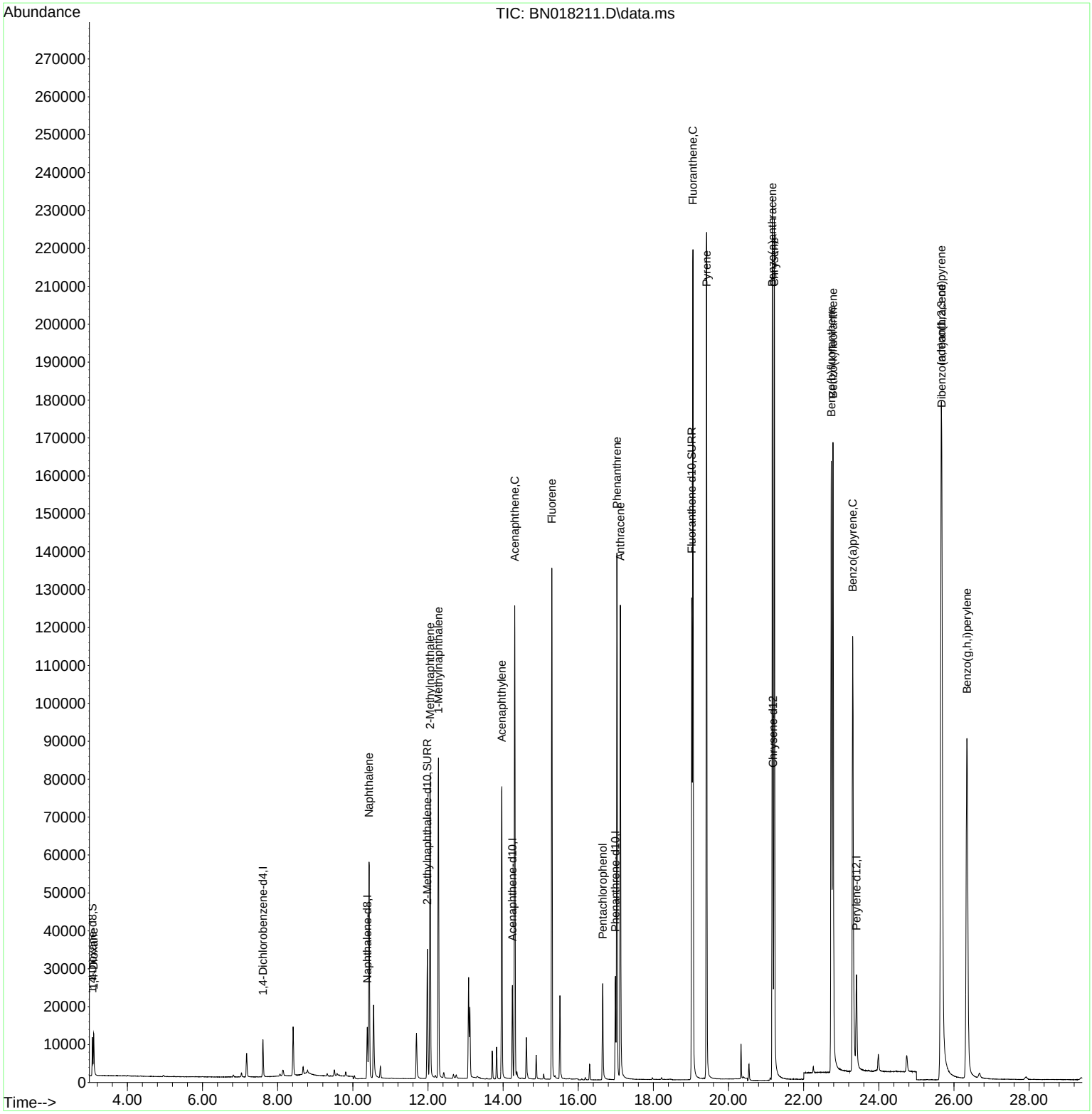
(#) = qualifier out of range (m) = manual integration (+) = signals summed

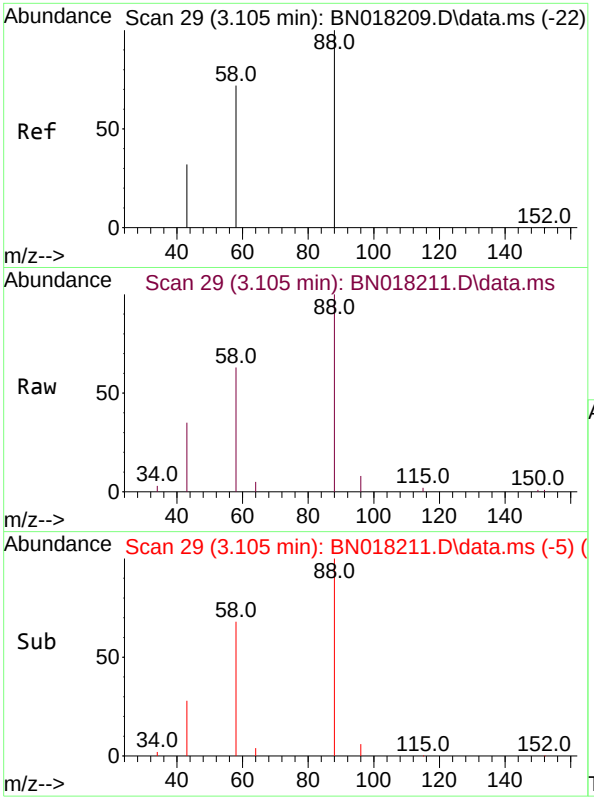
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122721\
Data File : BN018211.D
Acq On : 27 Dec 2021 19:51
Operator : CG/JU
Sample : SSTD1.612
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 28 00:19:46 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



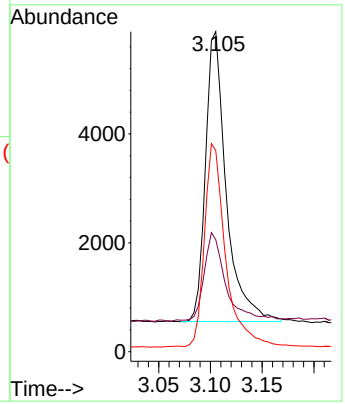


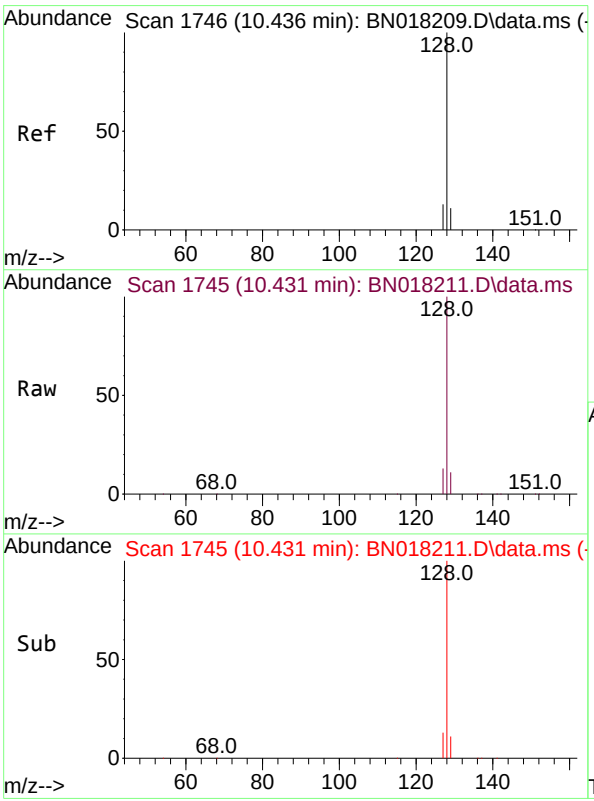
#2
1,4-Dioxane
Concen: 1.130 ng/ul
RT: 3.105 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018211.D
Acq: 27 Dec 2021 19:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 7433

Ion	Ratio	Lower	Upper
88	100		
43	35.0	47.8	71.8#
58	62.9	46.2	69.2

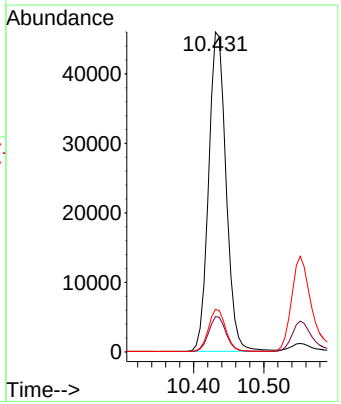


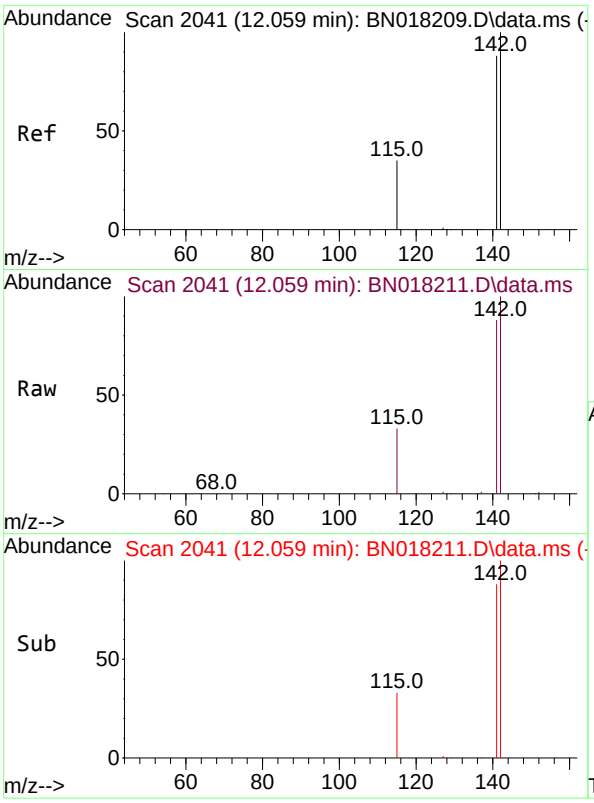


#5
Naphthalene
Concen: 1.500 ng/ul
RT: 10.431 min Scan# 1745
Delta R.T. -0.005 min
Lab File: BN018211.D
Acq: 27 Dec 2021 19:51

Tgt Ion:128 Resp: 79494

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.0
127	13.3	11.0	16.6



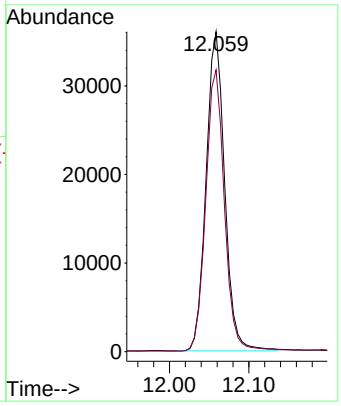


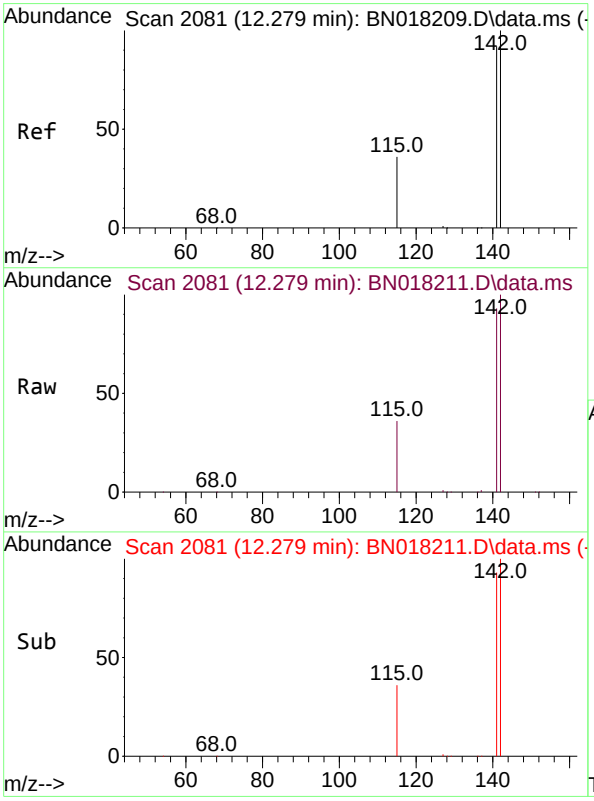
#7
2-Methylnaphthalene
Concen: 1.719 ng/ul
RT: 12.059 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018211.D
Acq: 27 Dec 2021 19:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 58582

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.9	106.3

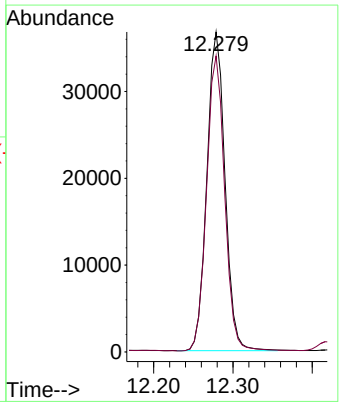


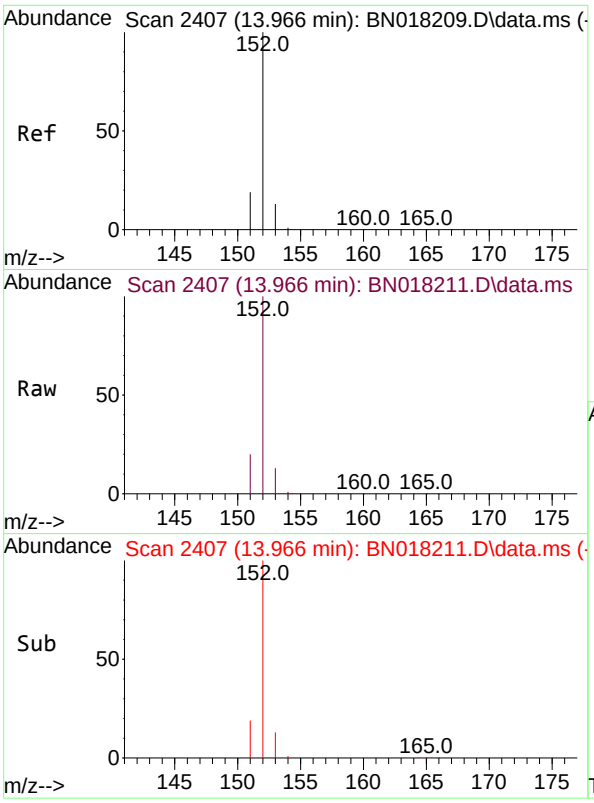


#8
1-Methylnaphthalene
Concen: 1.650 ng/ul
RT: 12.279 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BN018211.D
Acq: 27 Dec 2021 19:51

Tgt Ion:142 Resp: 58460

Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.2	109.8



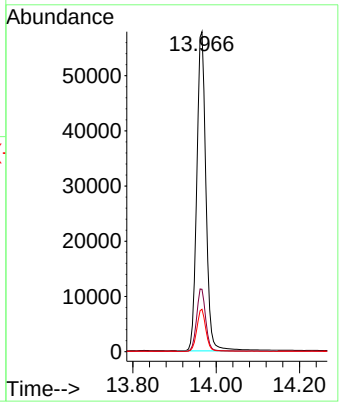


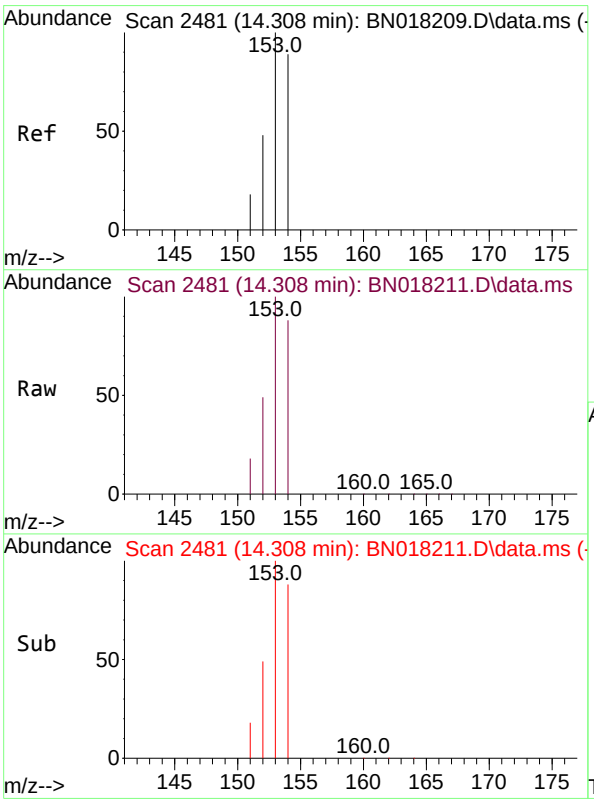
#10
Acenaphthylene
Concen: 1.633 ng/ul
RT: 13.966 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN018211.D
Acq: 27 Dec 2021 19:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 88327

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.8
153	13.3	10.7	16.1

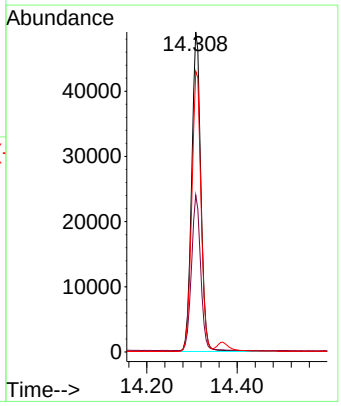


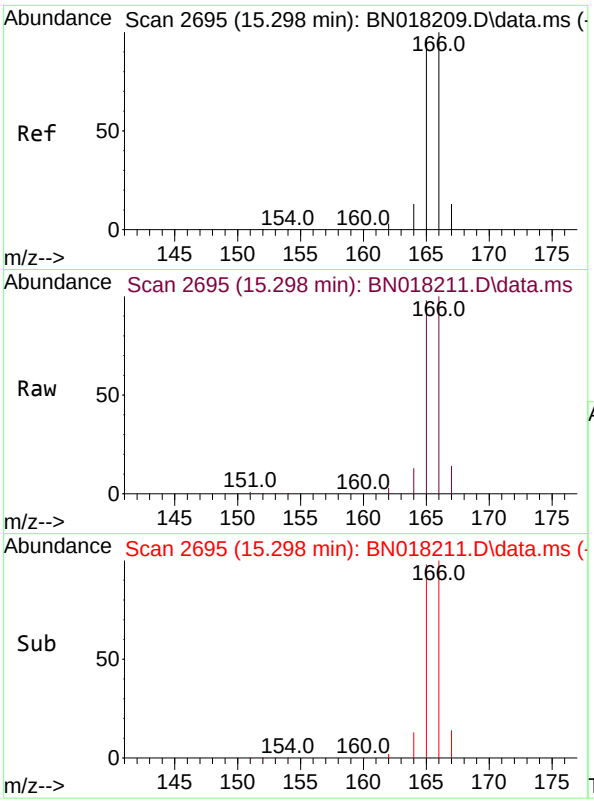


#11
Acenaphthene
Concen: 1.461 ng/ul
RT: 14.308 min Scan# 2481
Delta R.T. 0.000 min
Lab File: BN018211.D
Acq: 27 Dec 2021 19:51

Tgt Ion:153 Resp: 69588

Ion	Ratio	Lower	Upper
153	100		
152	49.1	39.7	59.5
154	87.7	70.9	106.3



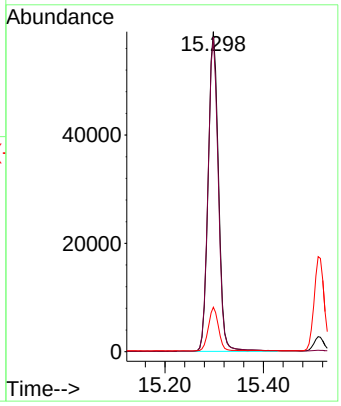


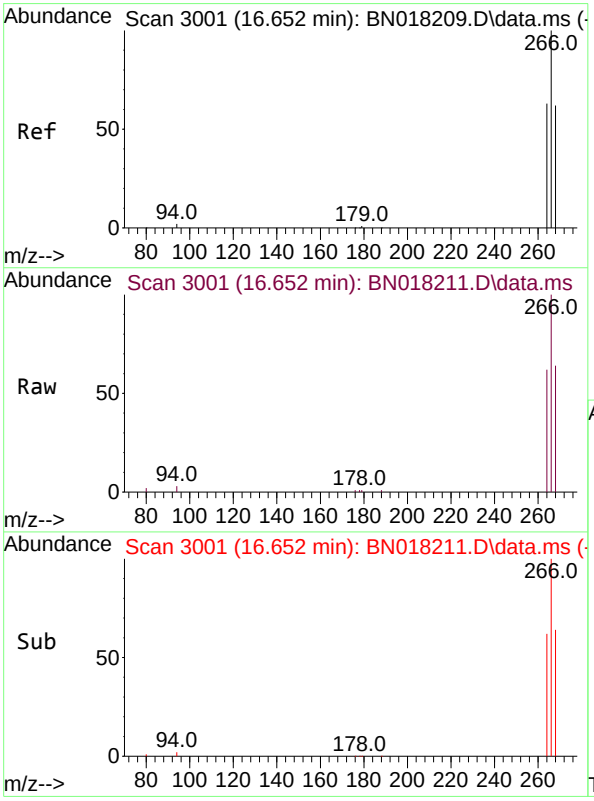
#12
Fluorene
Concen: 1.552 ng/ul
RT: 15.298 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018211.D
Acq: 27 Dec 2021 19:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 85656

Ion	Ratio	Lower	Upper
166	100		
165	98.3	77.8	116.6
167	13.9	11.6	17.4

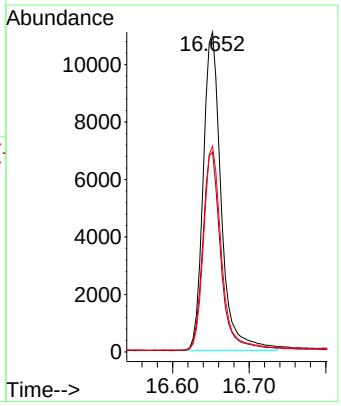


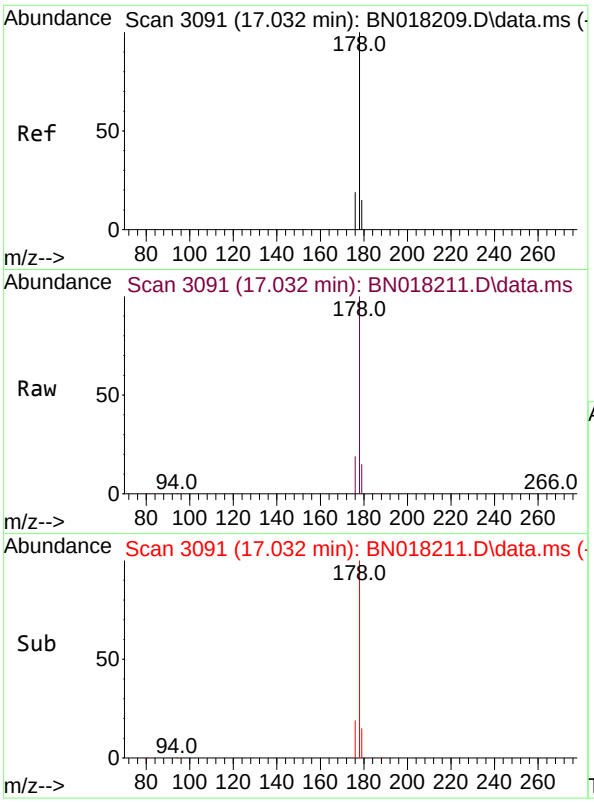


#14
Pentachlorophenol
Concen: 3.082 ng/ul
RT: 16.652 min Scan# 3001
Delta R.T. 0.000 min
Lab File: BN018211.D
Acq: 27 Dec 2021 19:51

Tgt Ion:266 Resp: 18030

Ion	Ratio	Lower	Upper
266	100		
264	63.0	49.9	74.9
268	64.1	51.7	77.5



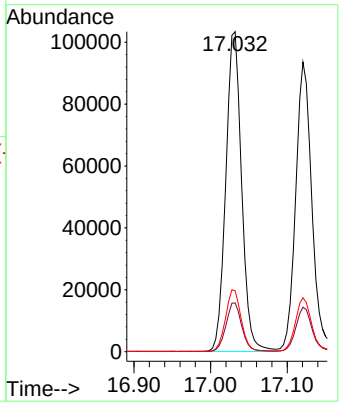


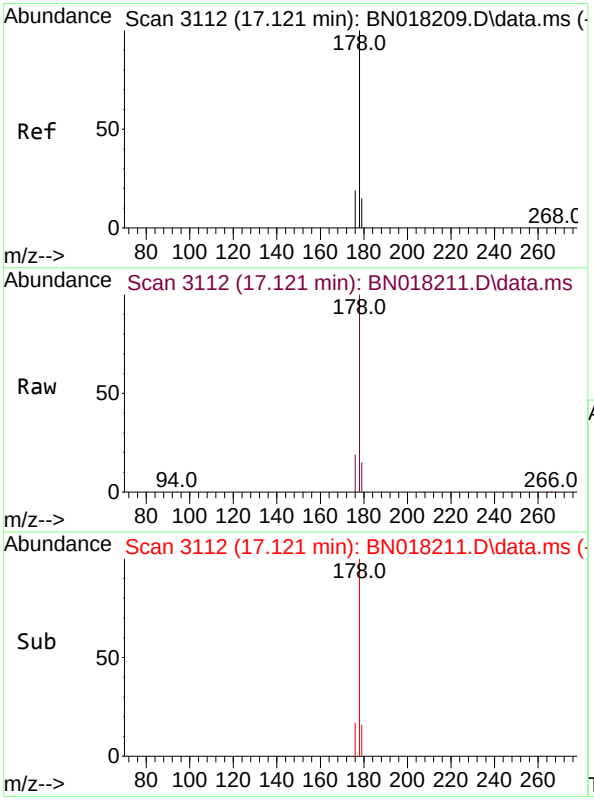
#15
Phenanthrene
Concen: 1.458 ng/ul
RT: 17.032 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN018211.D
Acq: 27 Dec 2021 19:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 148176

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.4
176	19.1	15.4	23.2

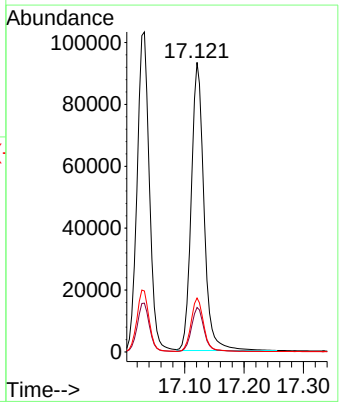


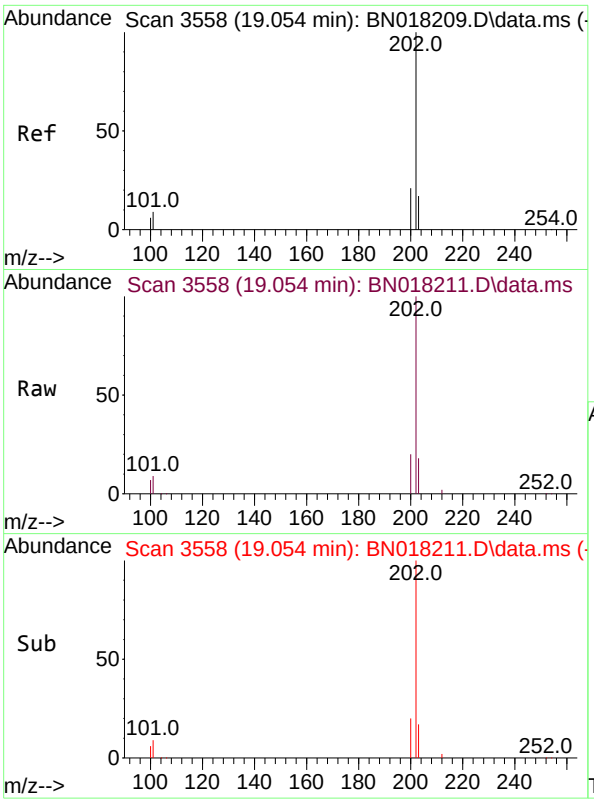


#16
Anthracene
Concen: 1.675 ng/ul
RT: 17.121 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BN018211.D
Acq: 27 Dec 2021 19:51

Tgt Ion:178 Resp: 137794

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	18.6	15.5	23.3



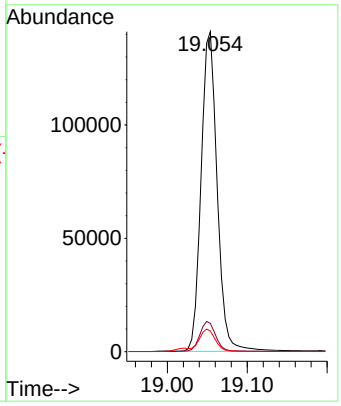


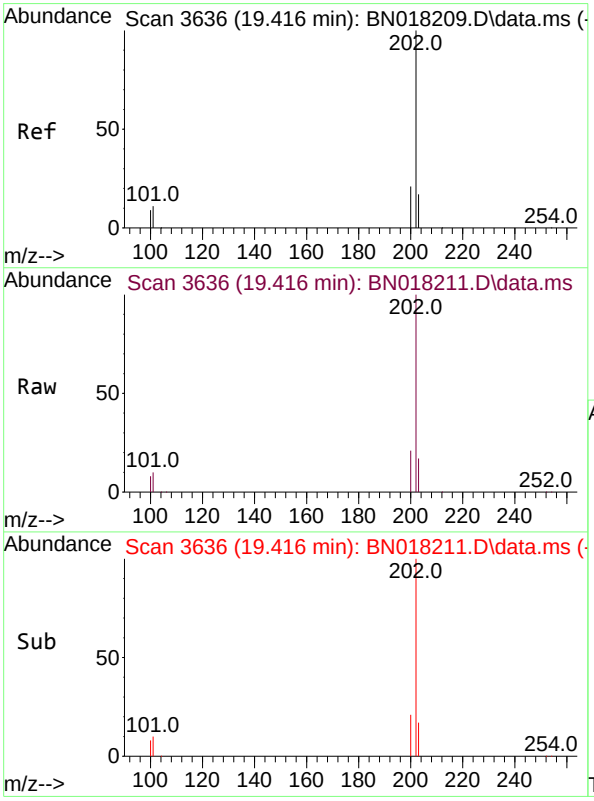
#19
Fluoranthene
Concen: 1.493 ng/ul
RT: 19.054 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN018211.D
Acq: 27 Dec 2021 19:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 196123

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.5	11.3
100	6.5	5.4	8.2

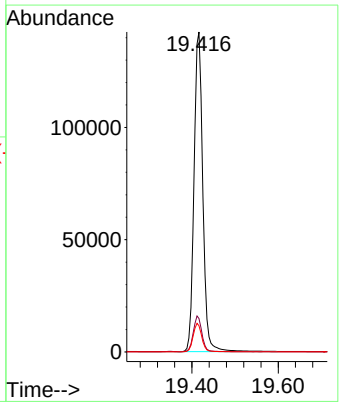


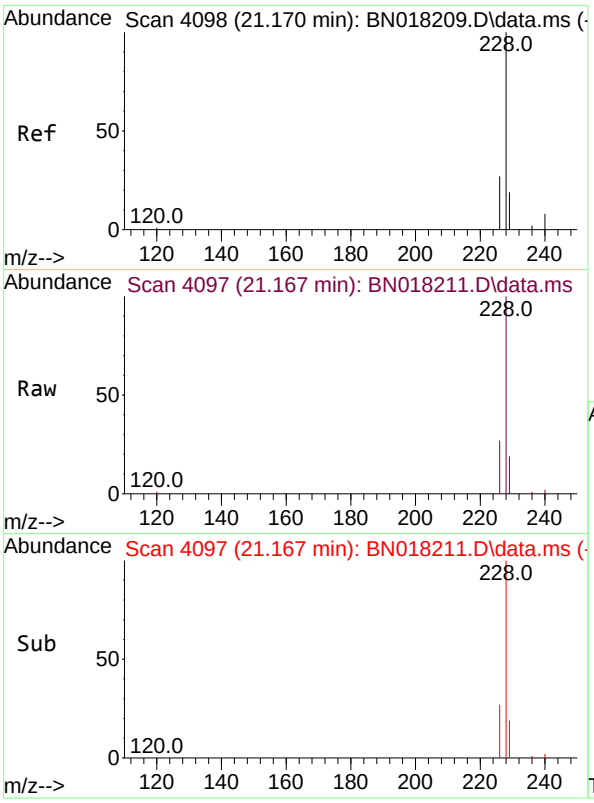


#20
Pyrene
Concen: 1.456 ng/ul
RT: 19.416 min Scan# 3636
Delta R.T. 0.000 min
Lab File: BN018211.D
Acq: 27 Dec 2021 19:51

Tgt Ion:202 Resp: 200391

Ion	Ratio	Lower	Upper
202	100		
101	10.5	9.0	13.4
100	8.2	7.0	10.4



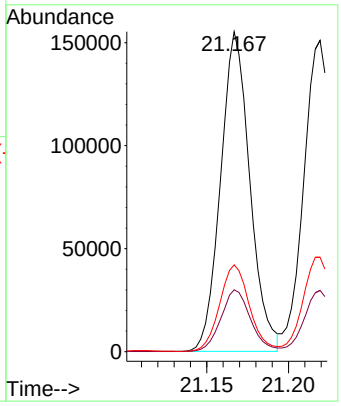


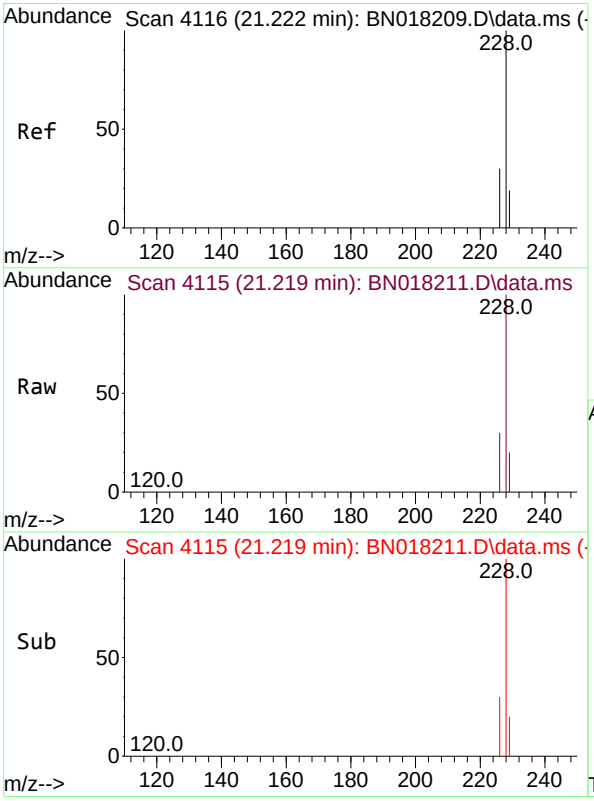
#21
Benzo(a)anthracene
Concen: 1.702 ng/ul
RT: 21.167 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN018211.D
Acq: 27 Dec 2021 19:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 193716

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.6	23.4
226	27.1	22.1	33.1

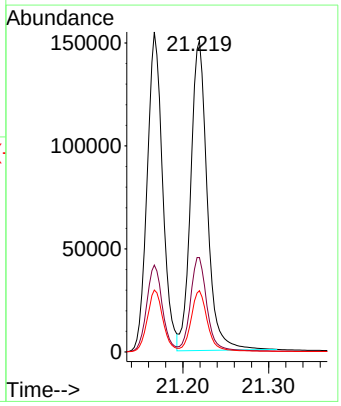


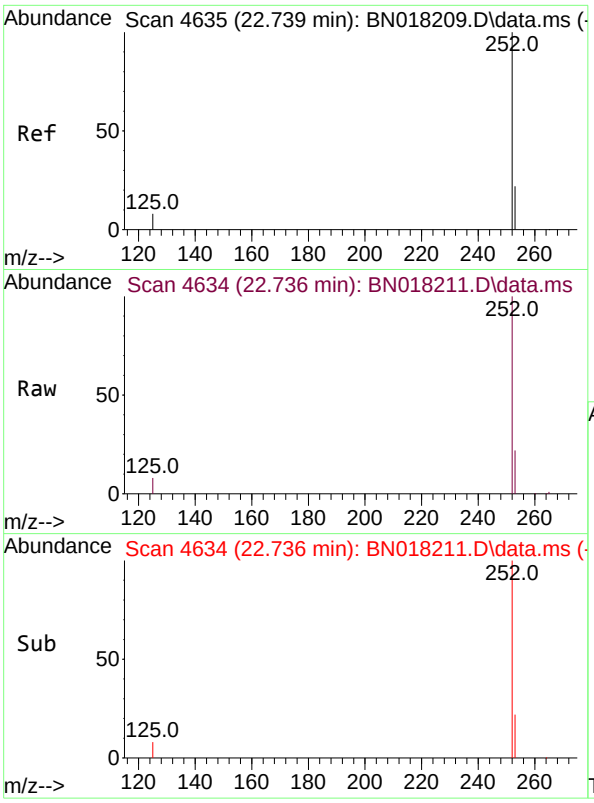


#22
Chrysene
Concen: 1.445 ng/ul
RT: 21.219 min Scan# 4115
Delta R.T. -0.003 min
Lab File: BN018211.D
Acq: 27 Dec 2021 19:51

Tgt Ion:228 Resp: 201591

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	19.7	15.7	23.5



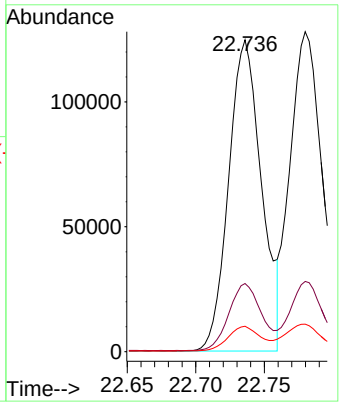


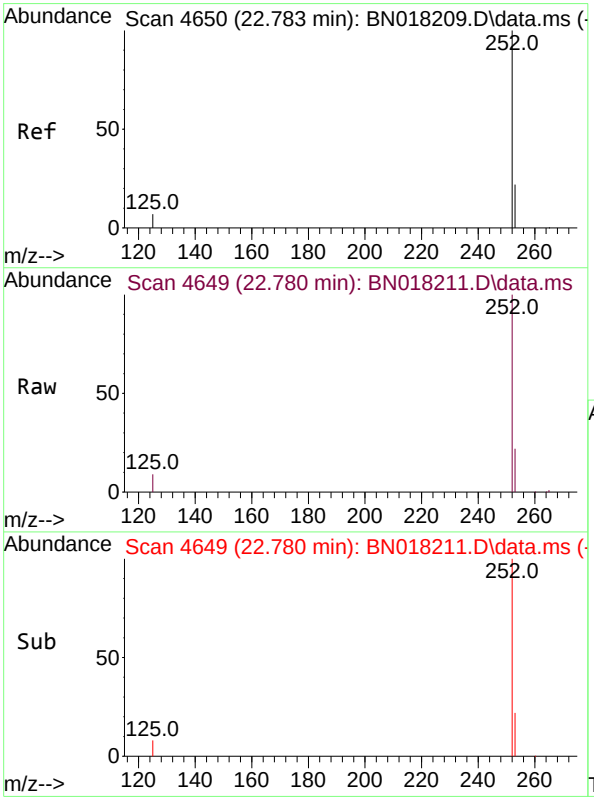
#24
Benzo(b)fluoranthene
Concen: 1.622 ng/ul
RT: 22.736 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN018211.D
Acq: 27 Dec 2021 19:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 207704

Ion	Ratio	Lower	Upper
252	100		
253	21.9	0.0	46.4
125	8.2	0.0	17.8

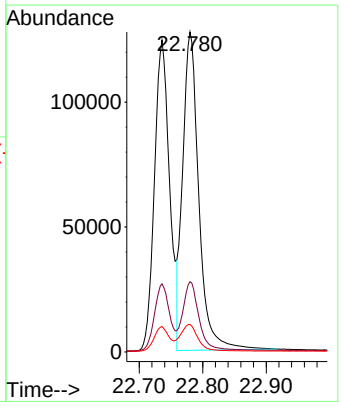


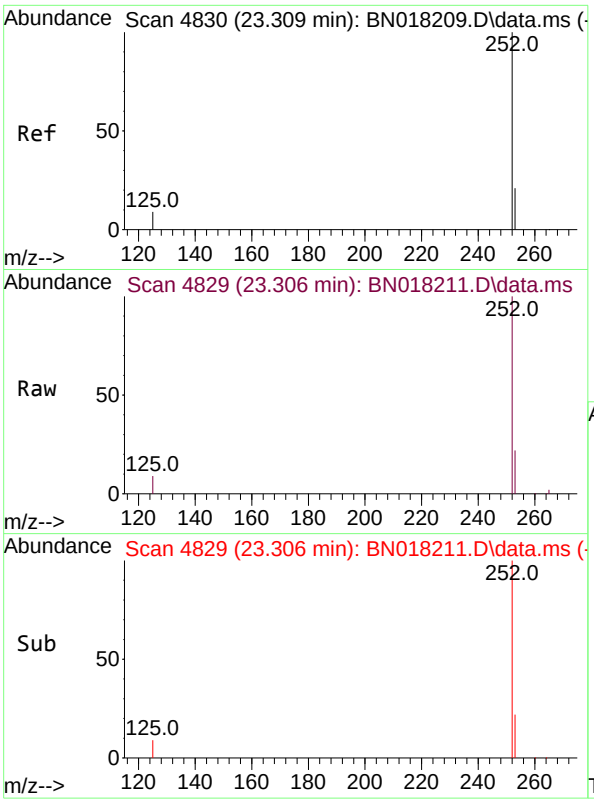


#25
Benzo(k)fluoranthene
Concen: 1.401 ng/ul
RT: 22.780 min Scan# 4649
Delta R.T. -0.003 min
Lab File: BN018211.D
Acq: 27 Dec 2021 19:51

Tgt Ion:252 Resp: 223531

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.6	28.0
125	8.6	7.3	10.9



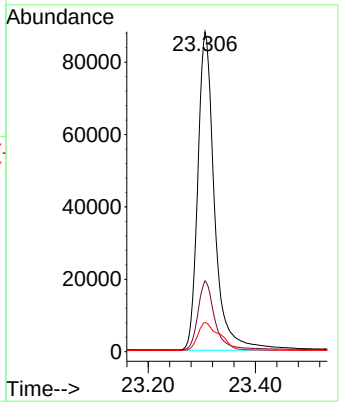


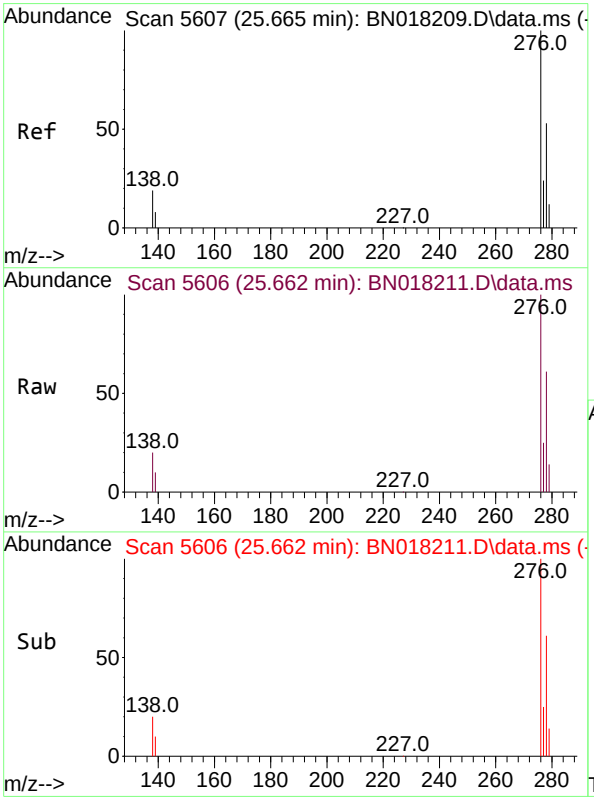
#26
Benzo(a)pyrene
Concen: 1.570 ng/ul
RT: 23.306 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN018211.D
Acq: 27 Dec 2021 19:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 190314

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.9	28.3
125	9.1	8.2	12.2

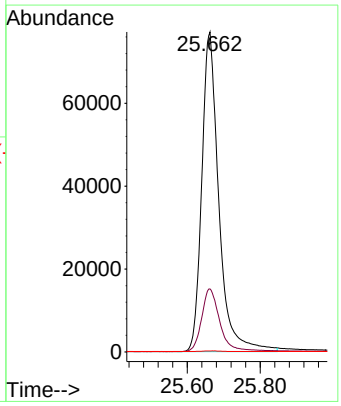


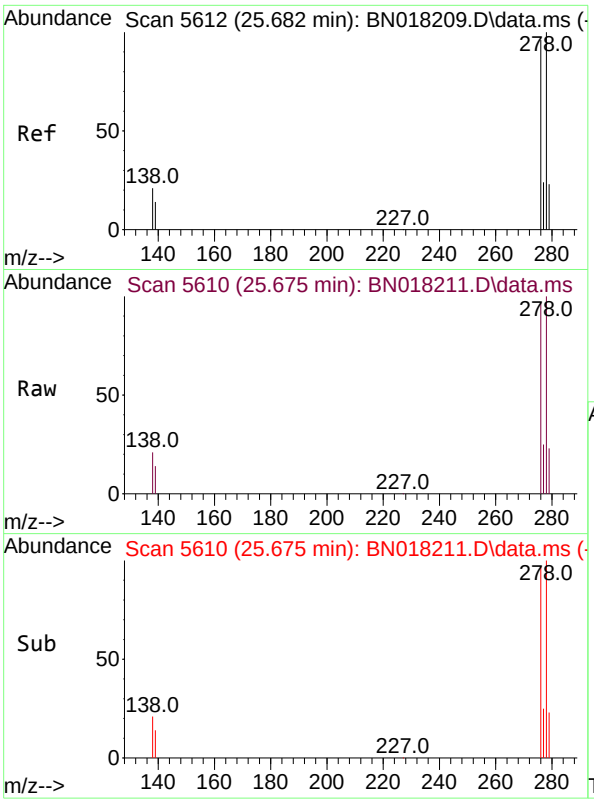


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.568 ng/ul
RT: 25.662 min Scan# 5606
Delta R.T. -0.003 min
Lab File: BN018211.D
Acq: 27 Dec 2021 19:51

Tgt Ion:276 Resp: 250595

Ion	Ratio	Lower	Upper
276	100		
138	21.0	16.5	24.7
227	0.2	0.1	0.1#



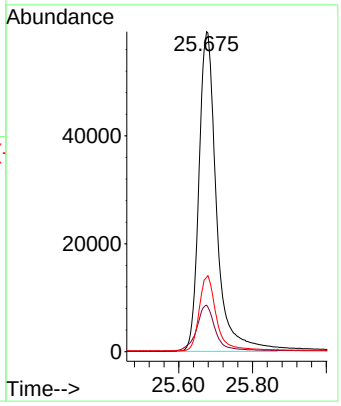


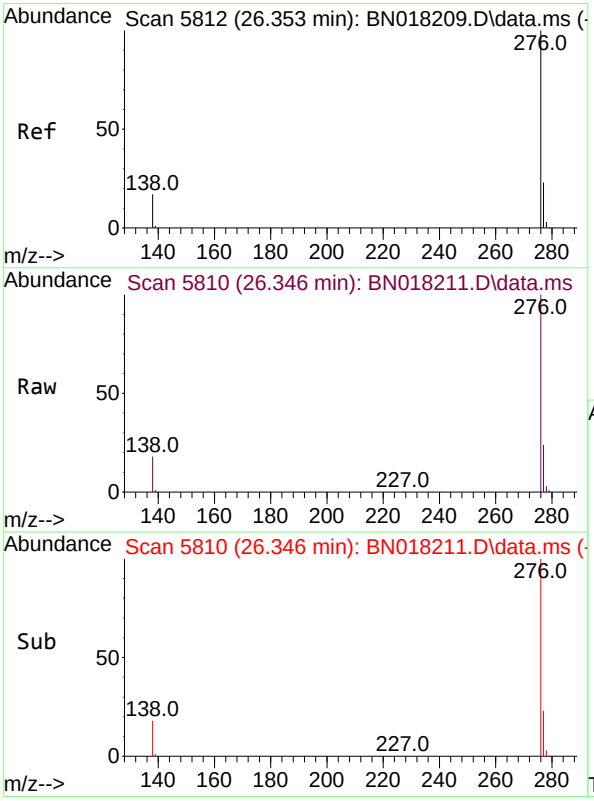
#28
Dibenzo(a,h)anthracene
Concen: 1.618 ng/ul
RT: 25.675 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN018211.D
Acq: 27 Dec 2021 19:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 195776

Ion	Ratio	Lower	Upper
278	100		
139	14.5	11.9	17.9
279	23.3	19.5	29.3





#29
Benzo(g,h,i)perylene
Concen: 1.583 ng/ul
RT: 26.346 min Scan# 5810
Delta R.T. -0.007 min
Lab File: BN018211.D
Acq: 27 Dec 2021 19:51

Tgt Ion:276 Resp: 208611

Ion	Ratio	Lower	Upper
276	100		
138	18.1	14.4	21.6
277	23.5	19.2	28.8