Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010422\
Data File : BN018331.D
Acq On : 04 Jan 2022 11:55
Operator : CG/JU
Sample : SSTD0.818
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.8218

Quant Time: Jan 04 12:34:46 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN010422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 04 12:28:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	5609	0.400	ng/ul	0.00
4) Naphthalene-d8	10.381	136	18891	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.243	164	12741	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.985	188	30555	0.400	ng/ul	0.00
17) Chrysene-d12	21.178	240	34310	0.400	ng/ul	0.00
23) Perylene-d12	23.399	264	29342	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.067	96	4133	0.789	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.982	152	22005	0.670	ng/ul	0.00
18) Fluoranthene-d10	19.016	212	72986	0.718	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.101	88	4572	0.785	ng/ul#	79
5) Naphthalene	10.425	128	41009	0.732	ng/ul	99
7) 2-Methylnaphthalene	12.053	142	28296	0.690	ng/ul	100
8) 1-Methylnaphthalene	12.273	142	29184	0.706	ng/ul	99
10) Acenaphthylene	13.961	152	38757	0.704	ng/ul	99
11) Acenaphthene	14.303	153	34701	0.782	ng/ul	100
12) Fluorene	15.294	166	42946	0.785	ng/ul	99
14) Pentachlorophenol	16.652	266	5335	0.441	ng/ul	99
15) Phenanthrene	17.028	178	77486	0.767	ng/ul	99
16) Anthracene	17.121	178	64197	0.706	ng/ul	99
19) Fluoranthene	19.049	202	100530	0.737	ng/ul	99
20) Pyrene	19.411	202	102056	0.716	ng/ul	99
21) Benzo(a)anthracene	21.164	228	87929	0.672	ng/ul	100
22) Chrysene	21.216	228	107616	0.758	ng/ul	99
24) Benzo(b)fluoranthene	22.730	252	101149	0.824	ng/ul	98
25) Benzo(k)fluoranthene	22.774	252	114180	0.815	ng/ul	98
26) Benzo(a)pyrene	23.303	252	87116	0.748	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.652	276	115662	0.780	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.672	278	89195	0.779	ng/ul	98
29) Benzo(g,h,i)perylene	26.336	276	103083	0.817	ng/ul	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010422\
Data File : BN018331.D
Acq On : 04 Jan 2022 11:55
Operator : CG/JU
Sample : SSTD0.818
Misc :
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Instrument :
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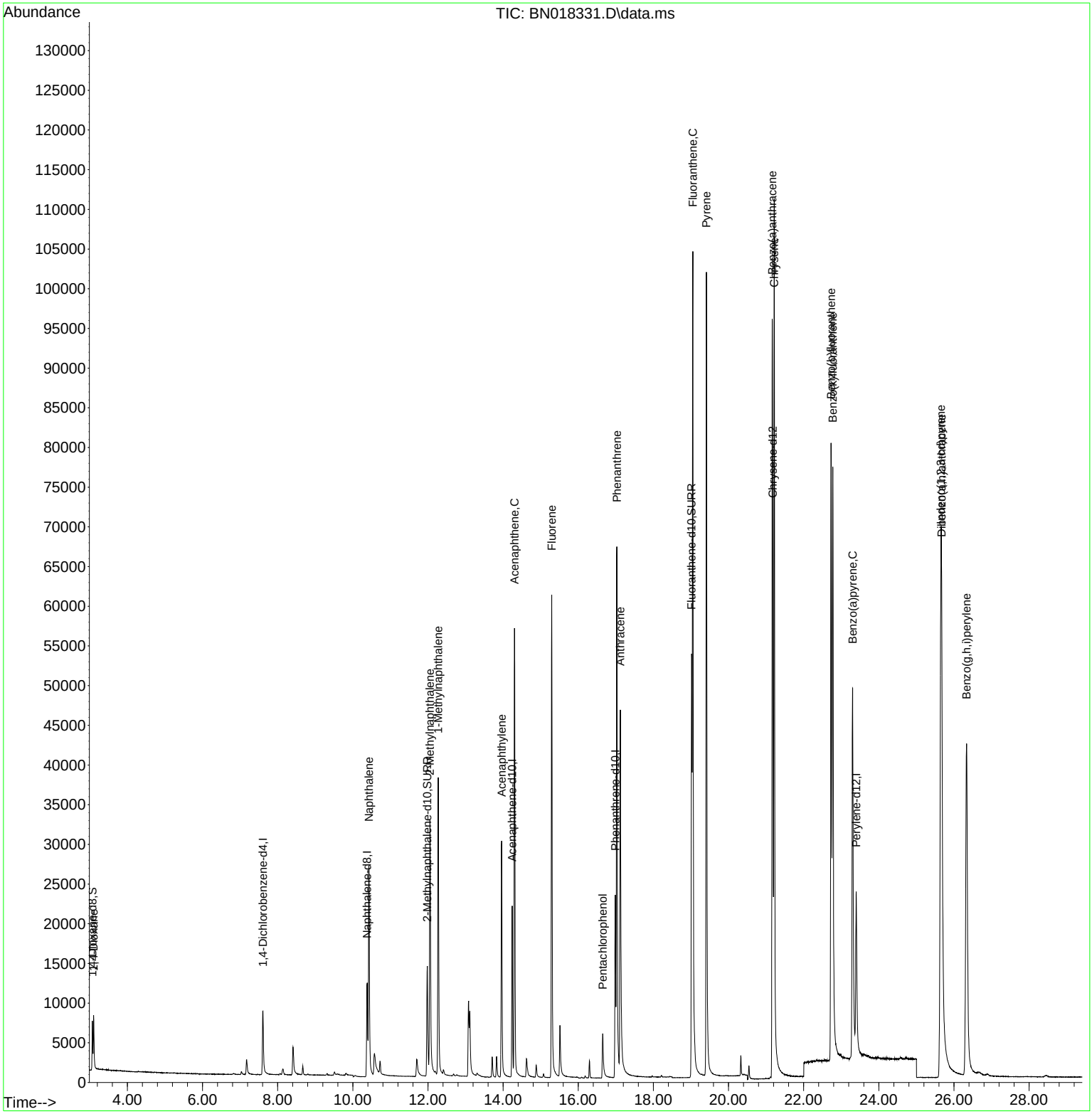
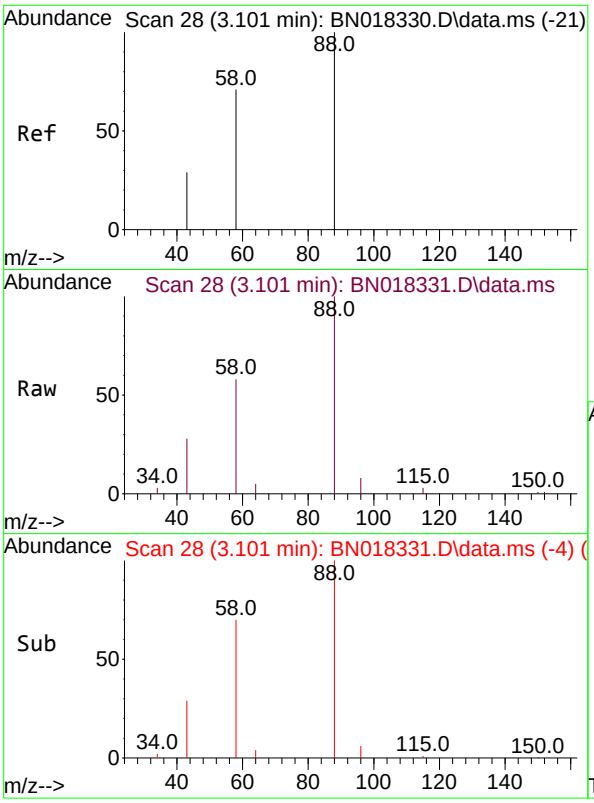
Quant Time: Jan 04 12:34:46 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN010422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 04 12:28:21 2022
Response via : Initial Calibration



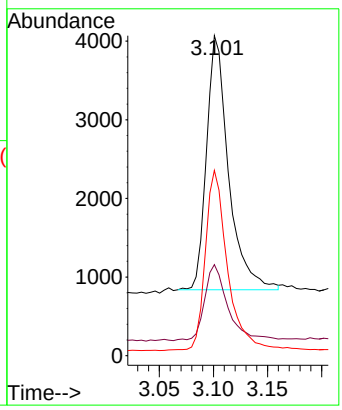


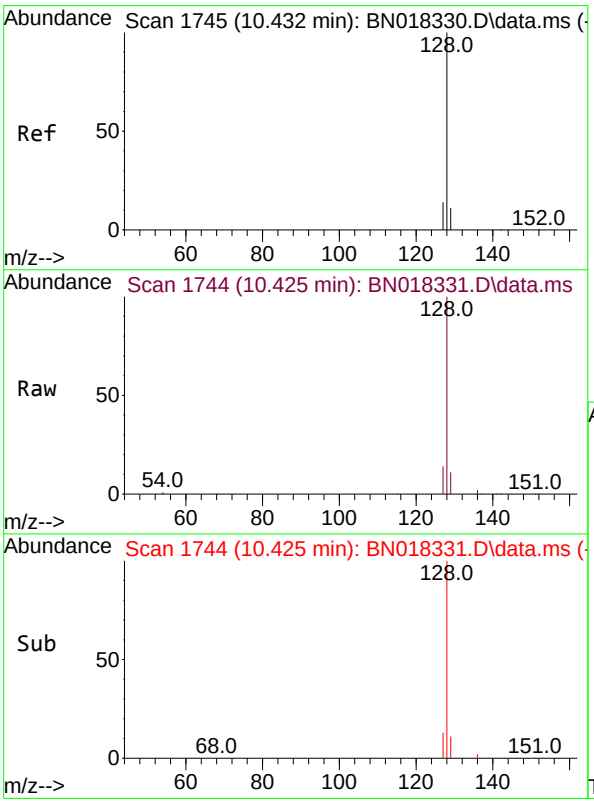
#2
1,4-Dioxane
Concen: 0.785 ng/ul
RT: 3.101 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN018331.D
Acq: 04 Jan 2022 11:55

Instrument :
BNA_N
ClientSampleId :
SSTD0.8218

Tgt Ion: 88 Resp: 4572

Ion	Ratio	Lower	Upper
88	100		
43	28.5	47.8	71.8#
58	57.9	46.2	69.2

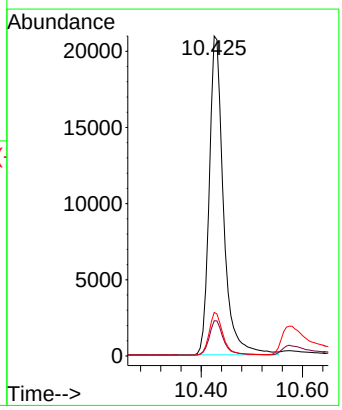


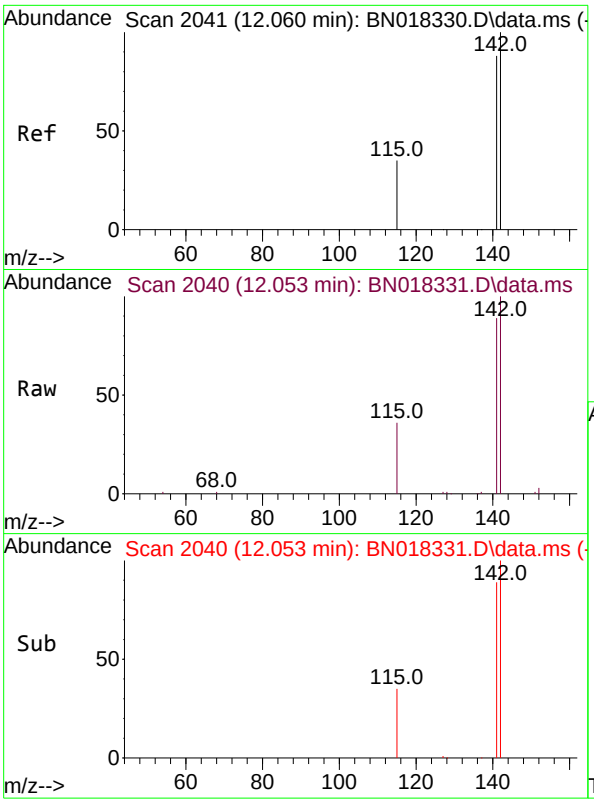


#5
Naphthalene
Concen: 0.732 ng/ul
RT: 10.425 min Scan# 1744
Delta R.T. -0.007 min
Lab File: BN018331.D
Acq: 04 Jan 2022 11:55

Tgt Ion:128 Resp: 41009

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



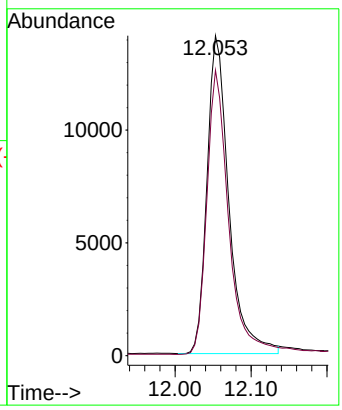


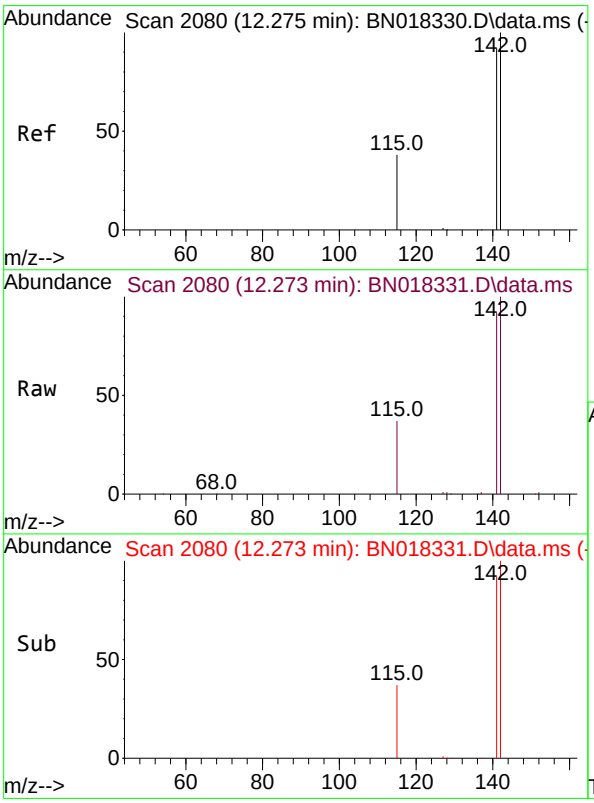
#7
2-Methylnaphthalene
Concen: 0.690 ng/ul
RT: 12.053 min Scan# 2
Delta R.T. -0.007 min
Lab File: BN018331.D
Acq: 04 Jan 2022 11:55

Instrument :
BNA_N
ClientSampleId :
SSTD0.8218

Tgt Ion:142 Resp: 28296

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.9	106.3

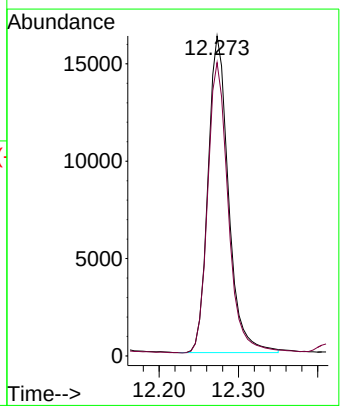


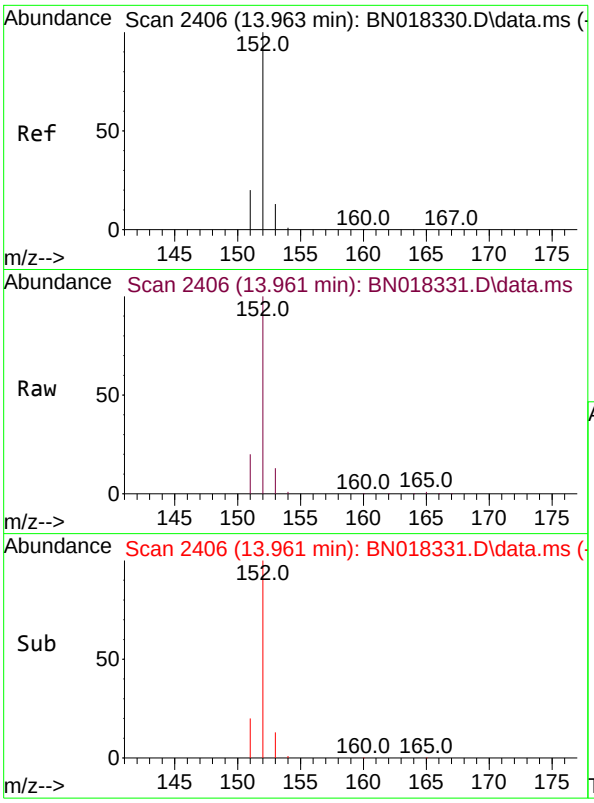


#8
1-Methylnaphthalene
Concen: 0.706 ng/ul
RT: 12.273 min Scan# 2080
Delta R.T. -0.002 min
Lab File: BN018331.D
Acq: 04 Jan 2022 11:55

Tgt Ion:142 Resp: 29184

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.2	109.8



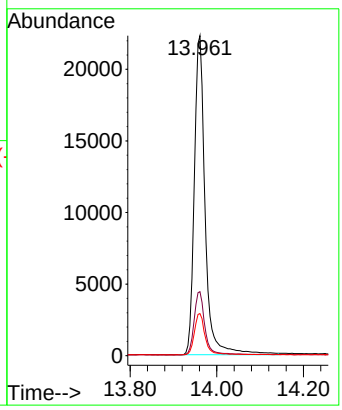


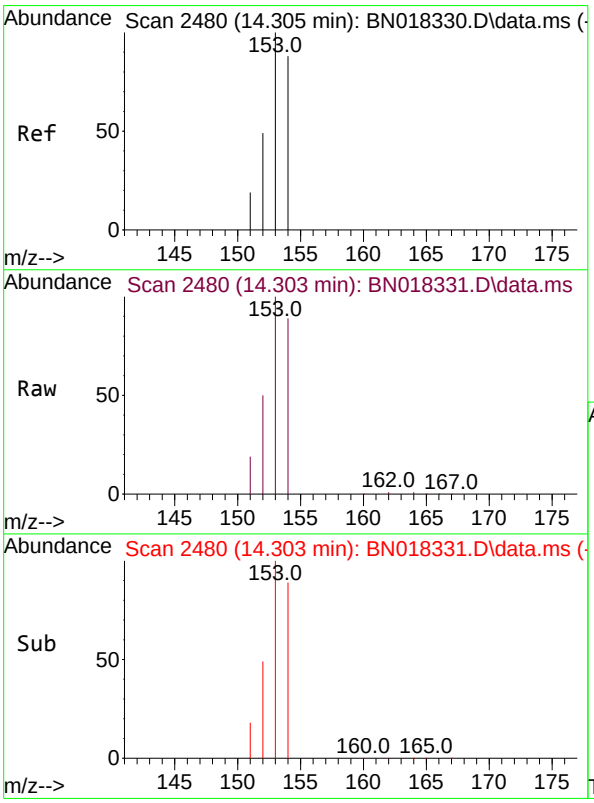
#10
Acenaphthylene
Concen: 0.704 ng/ul
RT: 13.961 min Scan# 24
Delta R.T. -0.002 min
Lab File: BN018331.D
Acq: 04 Jan 2022 11:55

Instrument :
BNA_N
ClientSampleId :
SSTD0.8218

Tgt Ion:152 Resp: 38757

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	13.2	10.7	16.1

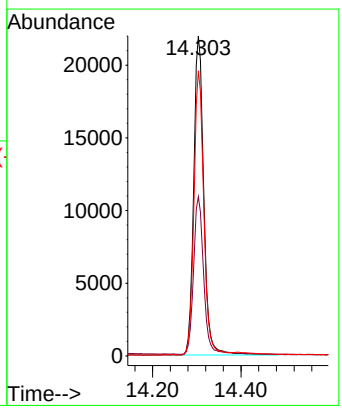


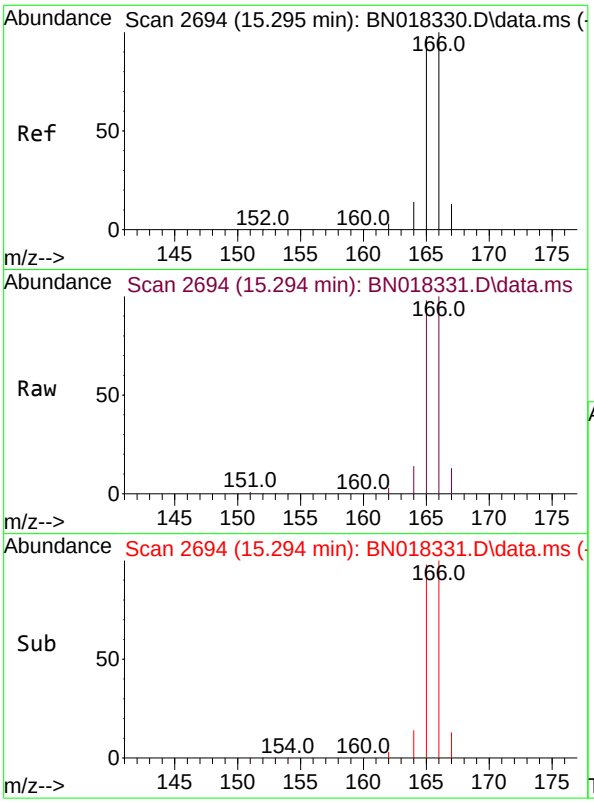


#11
Acenaphthene
Concen: 0.782 ng/ul
RT: 14.303 min Scan# 2480
Delta R.T. -0.002 min
Lab File: BN018331.D
Acq: 04 Jan 2022 11:55

Tgt Ion:153 Resp: 34701

Ion	Ratio	Lower	Upper
153	100		
152	49.7	39.7	59.5
154	89.1	70.9	106.3



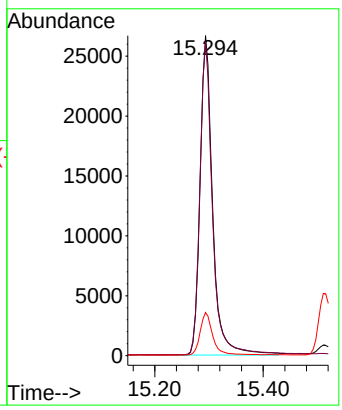


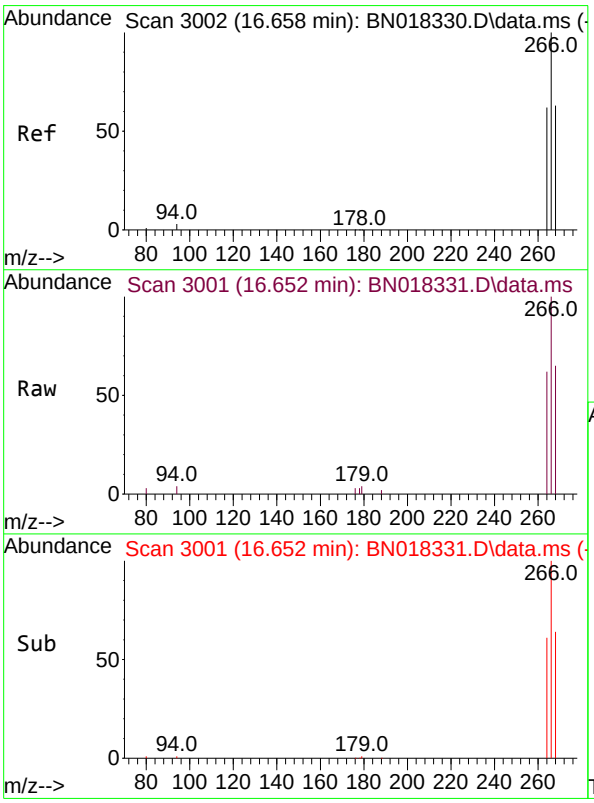
#12
Fluorene
Concen: 0.785 ng/ul
RT: 15.294 min Scan# 2
Delta R.T. -0.002 min
Lab File: BN018331.D
Acq: 04 Jan 2022 11:55

Instrument :
BNA_N
ClientSampleId :
SSTD0.8218

Tgt Ion:166 Resp: 42946

Ion	Ratio	Lower	Upper
166	100		
165	98.1	77.8	116.6
167	13.5	11.6	17.4

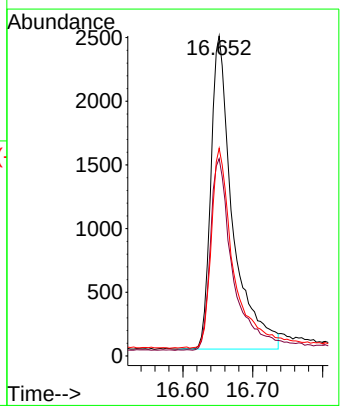


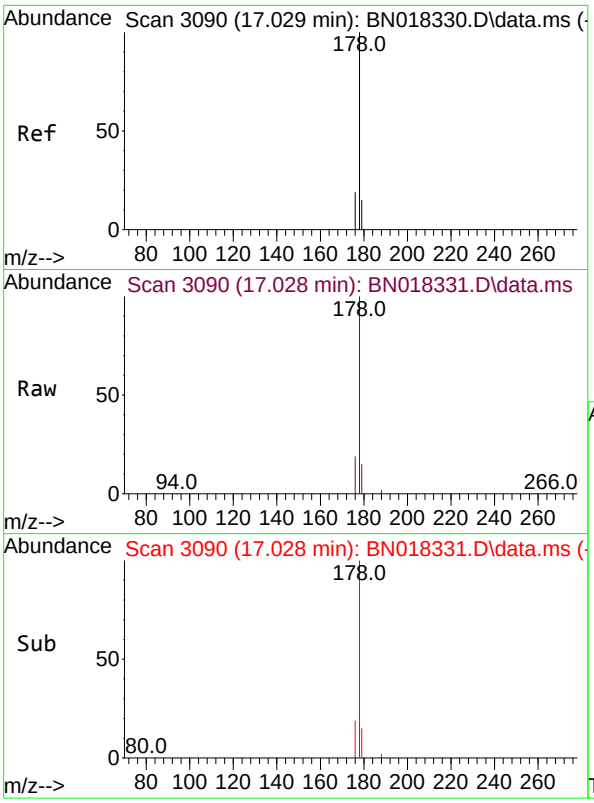


#14
Pentachlorophenol
Concen: 0.441 ng/ul
RT: 16.652 min Scan# 3001
Delta R.T. -0.006 min
Lab File: BN018331.D
Acq: 04 Jan 2022 11:55

Tgt Ion:266 Resp: 5335

Ion	Ratio	Lower	Upper
266	100		
264	63.2	49.9	74.9
268	64.8	51.7	77.5



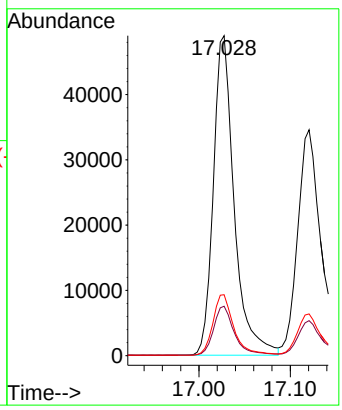


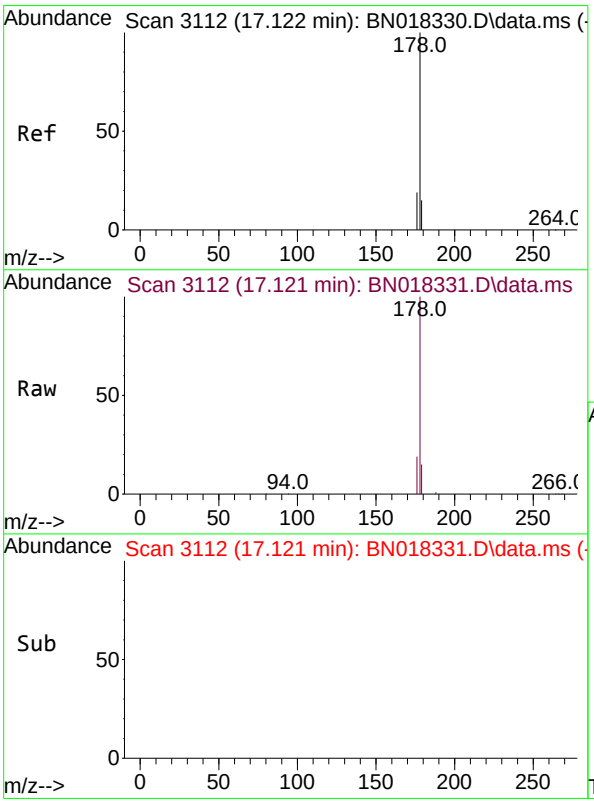
#15
Phenanthrene
Concen: 0.767 ng/ul
RT: 17.028 min Scan# 3
Delta R.T. -0.002 min
Lab File: BN018331.D
Acq: 04 Jan 2022 11:55

Instrument :
BNA_N
ClientSampleId :
SSTD0.8218

Tgt Ion:178 Resp: 77486

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.4
176	19.0	15.4	23.2

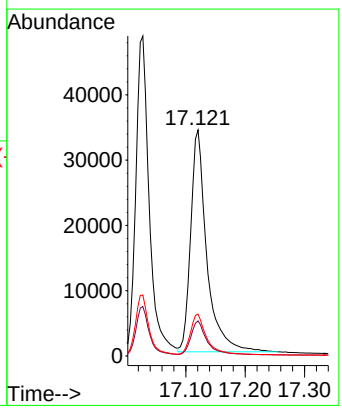


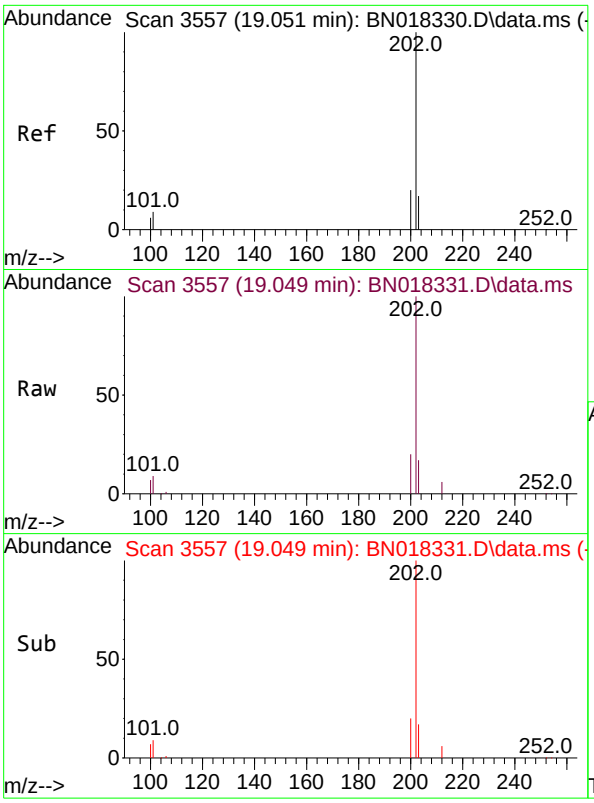


#16
Anthracene
Concen: 0.706 ng/ul
RT: 17.121 min Scan# 3112
Delta R.T. -0.002 min
Lab File: BN018331.D
Acq: 04 Jan 2022 11:55

Tgt Ion:178 Resp: 64197

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



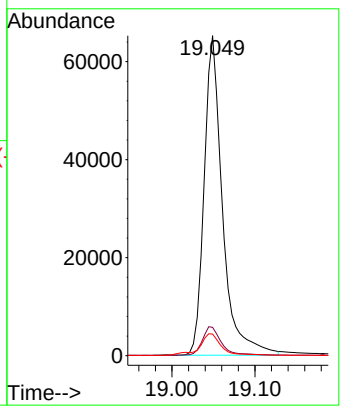


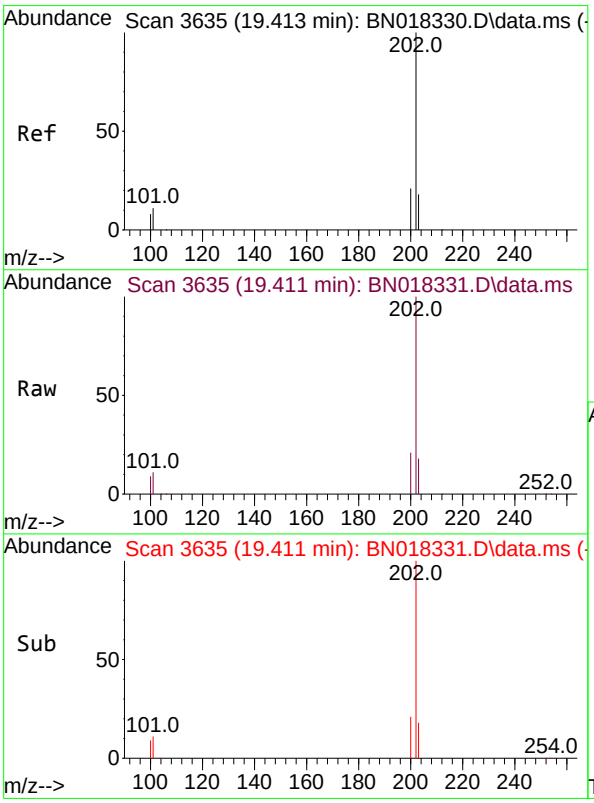
#19
Fluoranthene
Concen: 0.737 ng/ul
RT: 19.049 min Scan# 3
Delta R.T. -0.002 min
Lab File: BN018331.D
Acq: 04 Jan 2022 11:55

Instrument :
BNA_N
ClientSampleId :
SSTD0.8218

Tgt Ion:202 Resp: 100530

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.5	11.3
100	6.7	5.4	8.2

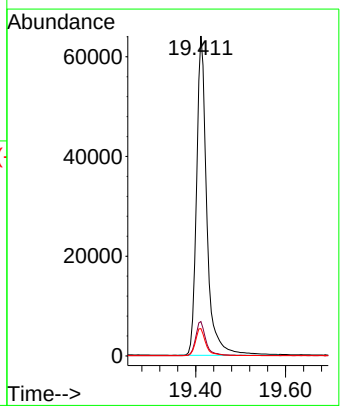


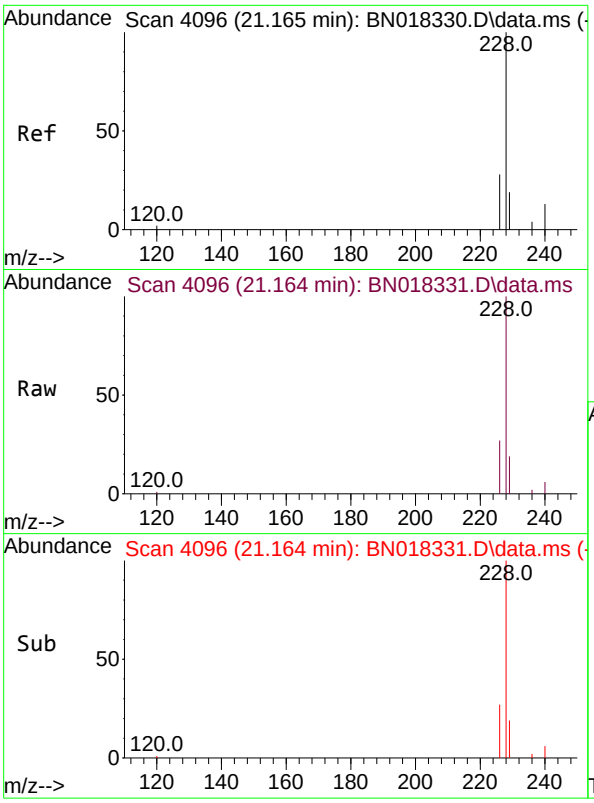


#20
Pyrene
Concen: 0.716 ng/ul
RT: 19.411 min Scan# 3635
Delta R.T. -0.002 min
Lab File: BN018331.D
Acq: 04 Jan 2022 11:55

Tgt Ion:202 Resp: 102056

Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.0	13.4
100	8.6	7.0	10.4



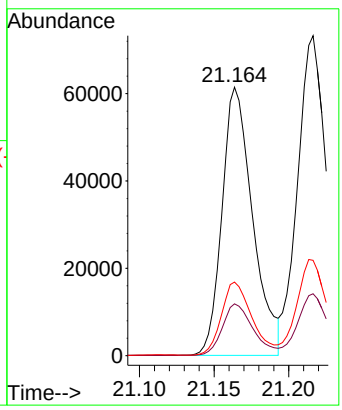


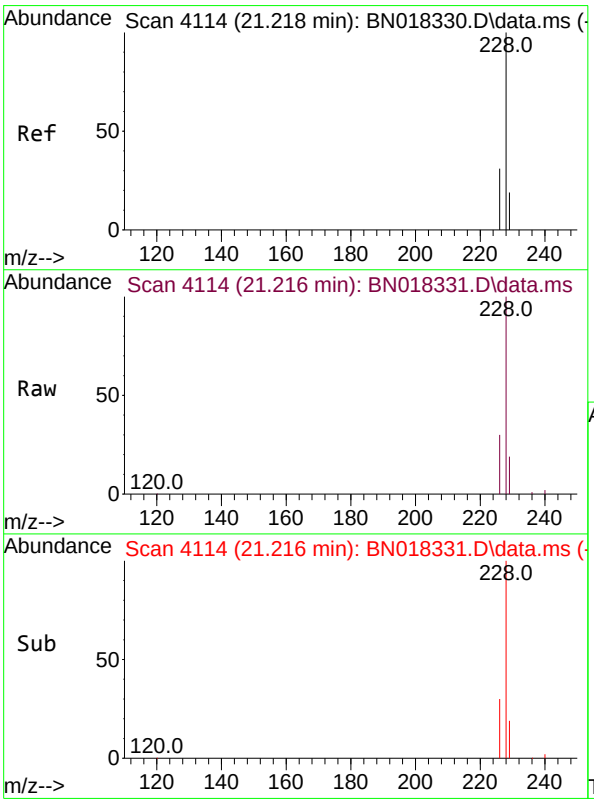
#21
Benzo(a)anthracene
Concen: 0.672 ng/ul
RT: 21.164 min Scan# 4
Delta R.T. -0.002 min
Lab File: BN018331.D
Acq: 04 Jan 2022 11:55

Instrument :
BNA_N
ClientSampleId :
SSTD0.8218

Tgt Ion:228 Resp: 87929

Ion	Ratio	Lower	Upper
228	100		
229	19.3	15.6	23.4
226	27.4	22.1	33.1

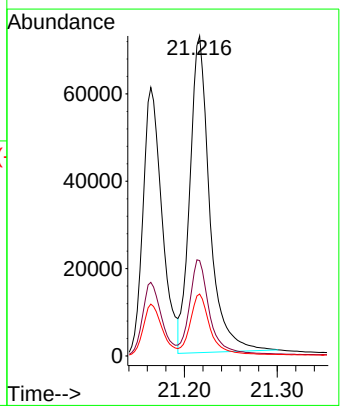


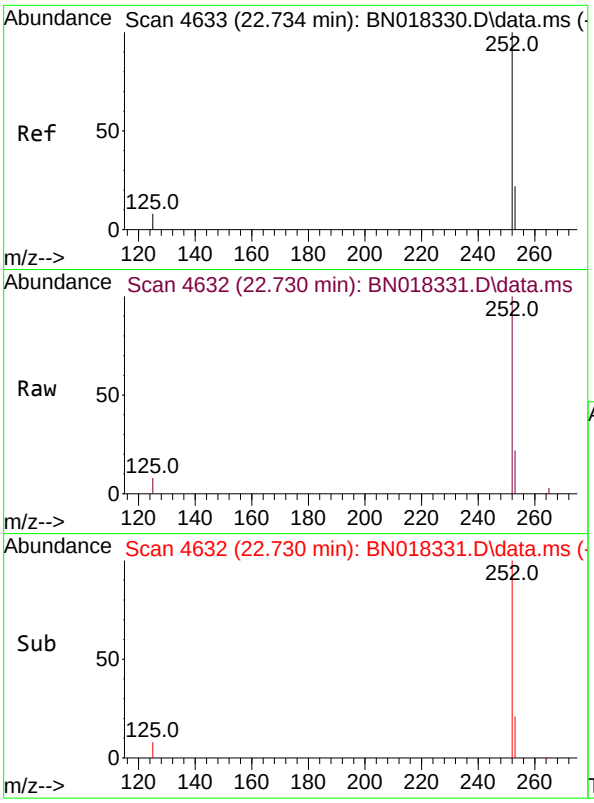


#22
Chrysene
Concen: 0.758 ng/ul
RT: 21.216 min Scan# 4114
Delta R.T. -0.002 min
Lab File: BN018331.D
Acq: 04 Jan 2022 11:55

Tgt Ion:228 Resp: 107616

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.4
229	19.3	15.7	23.5



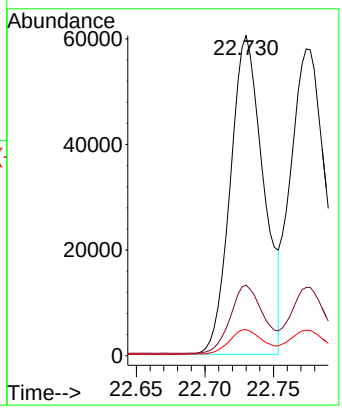


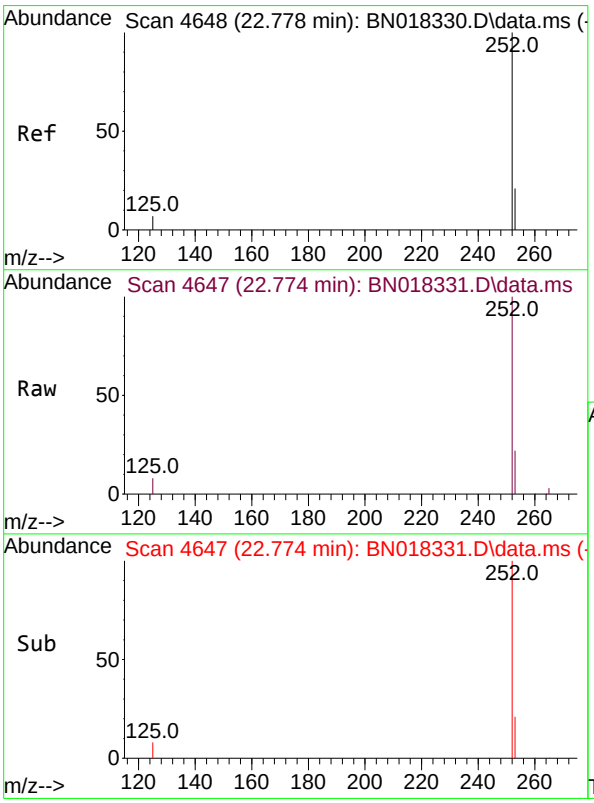
#24
Benzo(b)fluoranthene
Concen: 0.824 ng/ul
RT: 22.730 min Scan# 4
Delta R.T. -0.005 min
Lab File: BN018331.D
Acq: 04 Jan 2022 11:55

Instrument :
BNA_N
ClientSampleId :
SSTD0.8218

Tgt Ion:252 Resp: 101149

Ion	Ratio	Lower	Upper
252	100		
253	22.1	0.0	46.4
125	8.1	0.0	17.8

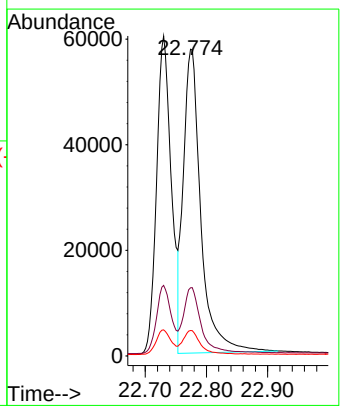


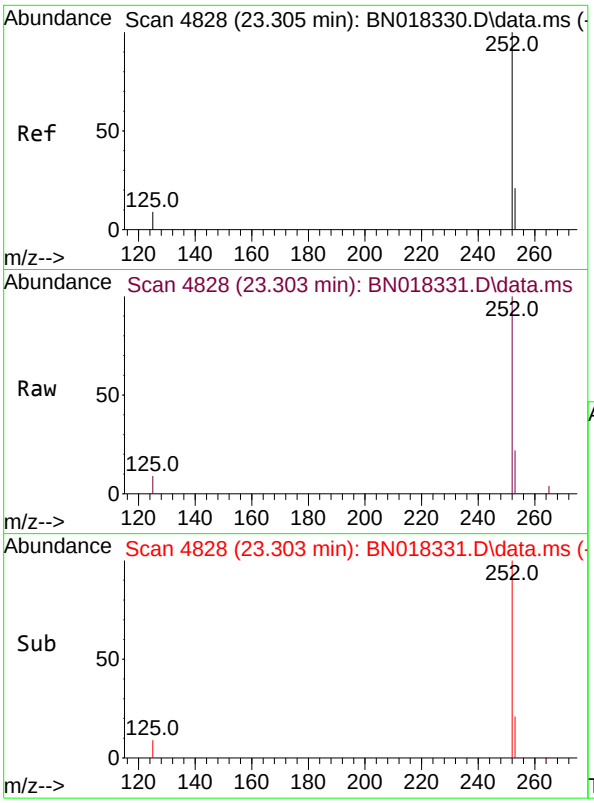


#25
Benzo(k)fluoranthene
Concen: 0.815 ng/ul
RT: 22.774 min Scan# 4647
Delta R.T. -0.005 min
Lab File: BN018331.D
Acq: 04 Jan 2022 11:55

Tgt Ion:252 Resp: 114180

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.6	28.0
125	8.3	7.3	10.9



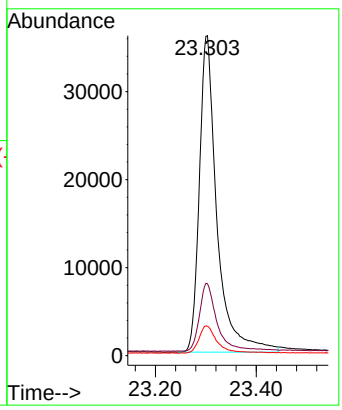


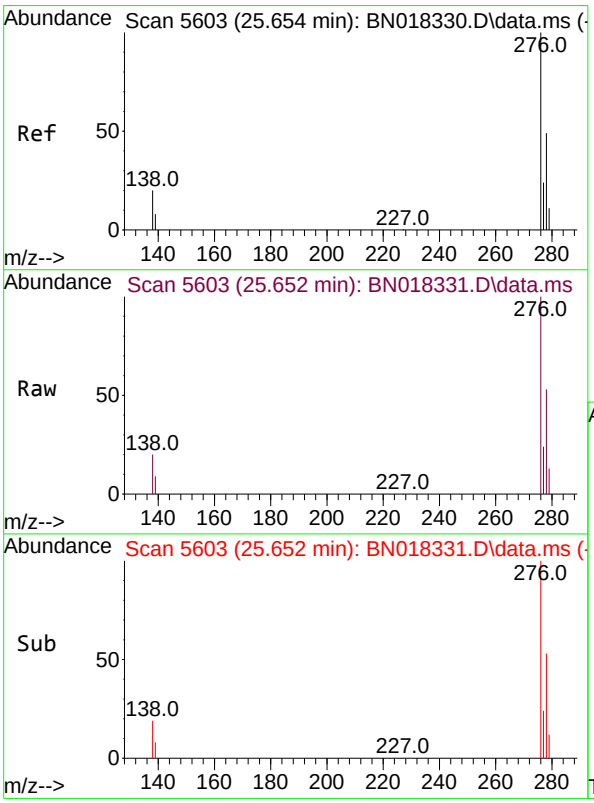
#26
Benzo(a)pyrene
Concen: 0.748 ng/ul
RT: 23.303 min Scan# 4
Delta R.T. -0.002 min
Lab File: BN018331.D
Acq: 04 Jan 2022 11:55

Instrument :
BNA_N
ClientSampleId :
SSTD0.8218

Tgt Ion:252 Resp: 87116

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.9	28.3
125	9.2	8.2	12.2

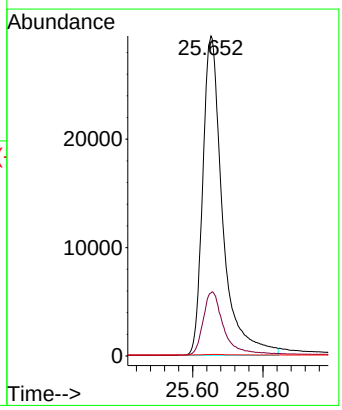


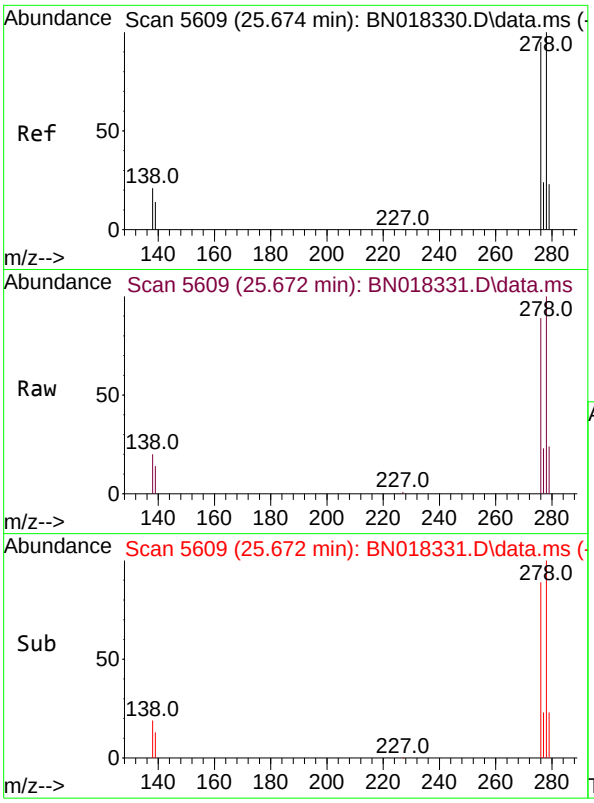


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.780 ng/ul
RT: 25.652 min Scan# 5603
Delta R.T. -0.002 min
Lab File: BN018331.D
Acq: 04 Jan 2022 11:55

Tgt Ion:276 Resp: 115662

Ion	Ratio	Lower	Upper
276	100		
138	20.7	16.5	24.7
227	0.2	0.1	0.1#



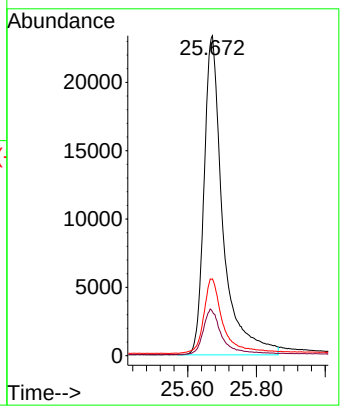


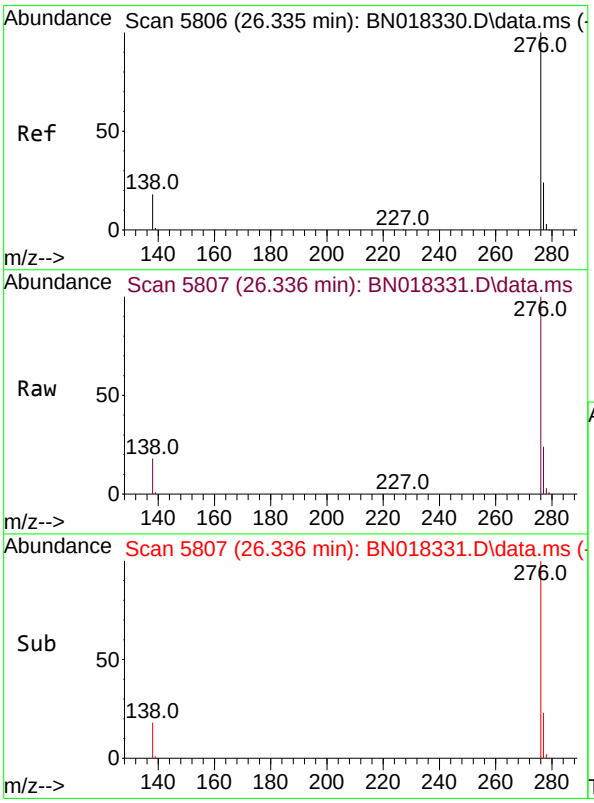
#28
Dibenzo(a,h)anthracene
Concen: 0.779 ng/ul
RT: 25.672 min Scan# 5
Delta R.T. -0.002 min
Lab File: BN018331.D
Acq: 04 Jan 2022 11:55

Instrument :
BNA_N
ClientSampleId :
SSTD0.8218

Tgt Ion:278 Resp: 89195

Ion	Ratio	Lower	Upper
278	100		
139	13.8	11.9	17.9
279	24.0	19.5	29.3





#29
Benzo(g,h,i)perylene
Concen: 0.817 ng/ul
RT: 26.336 min Scan# 5807
Delta R.T. 0.001 min
Lab File: BN018331.D
Acq: 04 Jan 2022 11:55

Tgt Ion:276 Resp: 103083

Ion	Ratio	Lower	Upper
276	100		
138	18.0	14.4	21.6
277	23.5	19.2	28.8