Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081422\
Data File : BN021218.D
Acq On : 14 Aug 2022 15:36
Operator : CG/JU
Sample : PB146983BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS983

Quant Time: Aug 15 00:41:35 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 13 04:02:44 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.797	152	2485	0.400	ng/ul	0.00
4) Naphthalene-d8	10.591	136	9358	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.438	164	6129	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.193	188	10543	0.400	ng/ul	0.00
17) Chrysene-d12	21.401	240	6527	0.400	ng/ul	0.00
23) Perylene-d12	23.727	264	4393	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.194	96	2527	0.795	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.197	152	4775	0.348	ng/ul	0.01
18) Fluoranthene-d10	19.231	212	9273	0.460	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	3222	0.984	ng/ul	93
5) Naphthalene	10.640	128	4162	0.145	ng/ul	95
7) 2-Methylnaphthalene	12.268	142	2627	0.151	ng/ul	99
8) 1-Methylnaphthalene	12.483	142	3024	0.173	ng/ul	98
10) Acenaphthylene	14.161	152	3835	0.134	ng/ul	99
11) Acenaphthene	14.498	153	3263	0.138	ng/ul	99
12) Fluorene	15.502	166	3341	0.129	ng/ul	99
14) Pentachlorophenol	16.876	266	207	0.127	ng/ul	92
15) Phenanthrene	17.235	178	5254	0.139	ng/ul	98
16) Anthracene	17.336	178	3909	0.134	ng/ul	96
19) Fluoranthene	19.259	202	5678	0.197	ng/ul#	94
20) Pyrene	19.626	202	5943	0.199	ng/ul#	94
21) Benzo(a)anthracene	21.386	228	2921	0.137	ng/ul	97
22) Chrysene	21.436	228	4279	0.153	ng/ul	97
24) Benzo(b)fluoranthene	23.026	252	2899	0.143	ng/ul	77
25) Benzo(k)fluoranthene	23.072	252	3038	0.142	ng/ul#	84
26) Benzo(a)pyrene	23.634	252	2806	0.151	ng/ul#	57
27) Indeno(1,2,3-cd)pyrene	26.152	276	2897	0.131	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.169	278	2162	0.124	ng/ul#	79
29) Benzo(g,h,i)perylene	26.883	276	2820	0.143	ng/ul#	89

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081422\
Data File : BN021218.D
Acq On : 14 Aug 2022 15:36
Operator : CG/JU
Sample : PB146983BS
Misc :
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Instrument :
BNA_N
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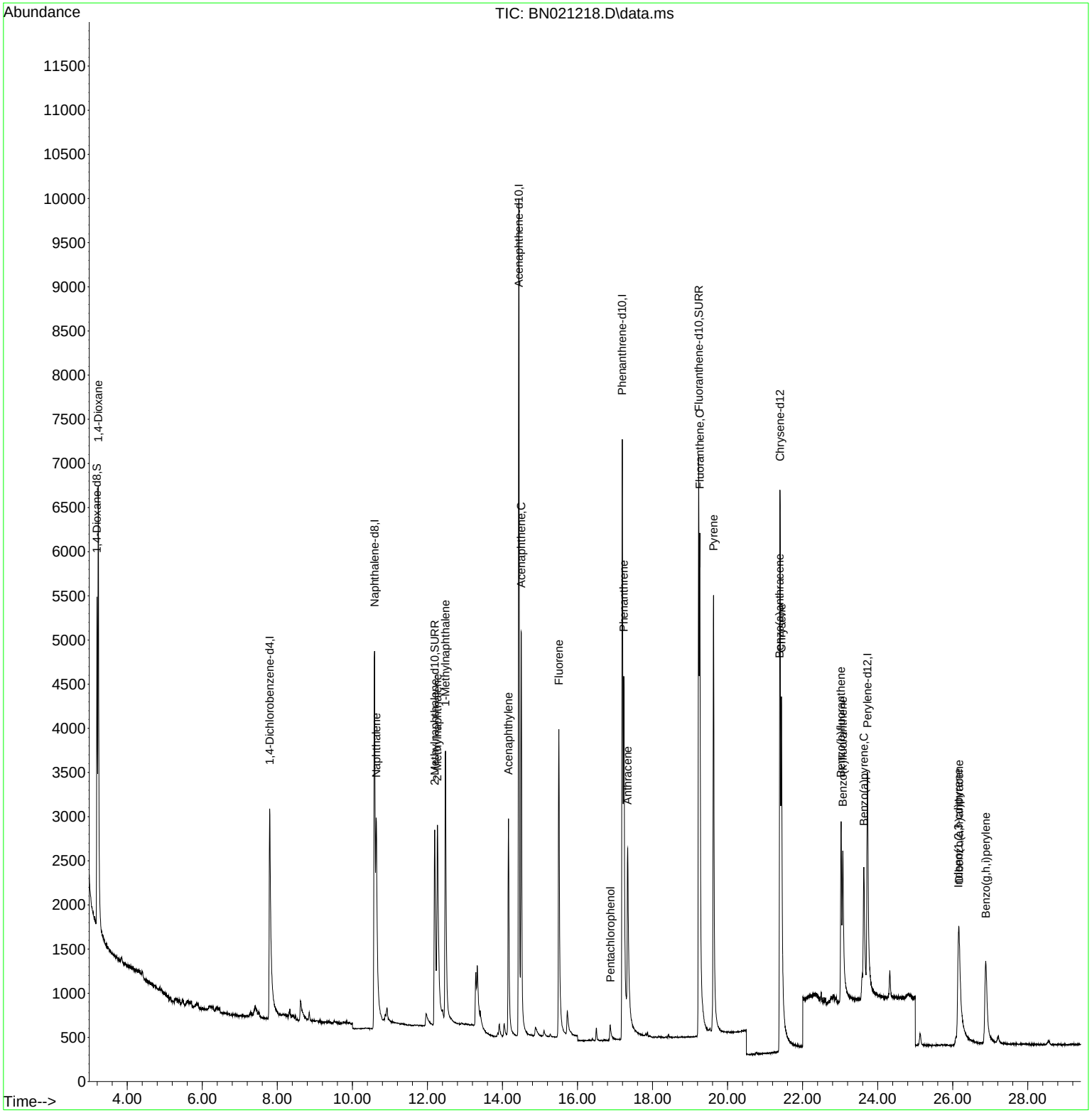
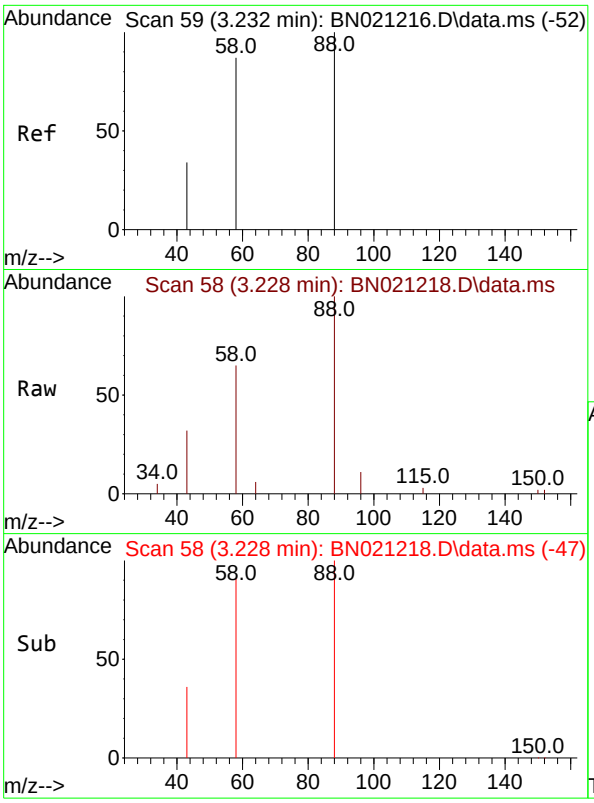
Quant Time: Aug 15 00:41:35 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 13 04:02:44 2022
Response via : Initial Calibration



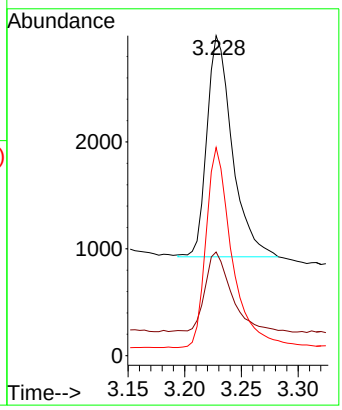


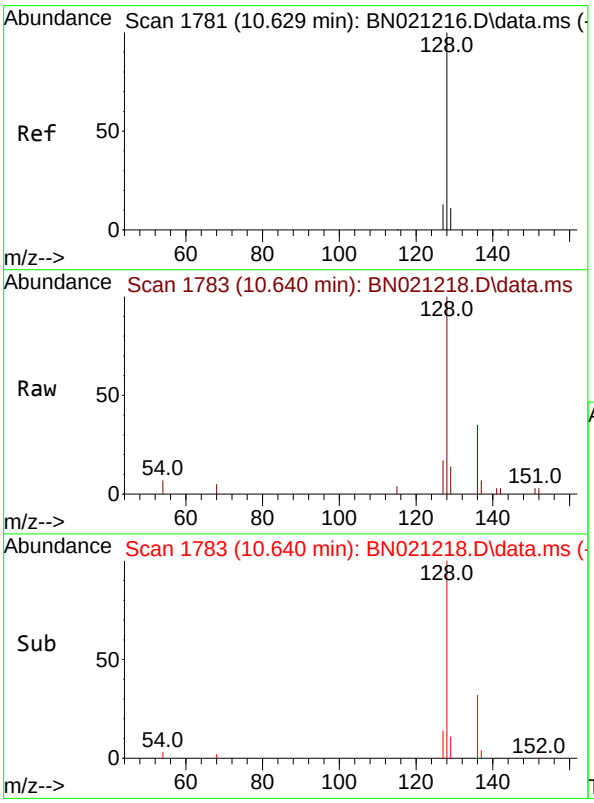
#2
1,4-Dioxane
Concen: 0.984 ng/ul
RT: 3.228 min Scan# 5
Delta R.T. -0.004 min
Lab File: BN021218.D
Acq: 14 Aug 2022 15:36

Instrument :
BNA_N
ClientSampleId :
SLCS983

Tgt Ion: 88 Resp: 3222

Ion	Ratio	Lower	Upper
88	100		
43	32.4	31.4	47.0
58	65.0	49.0	73.6

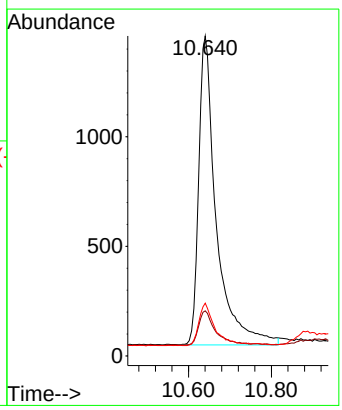


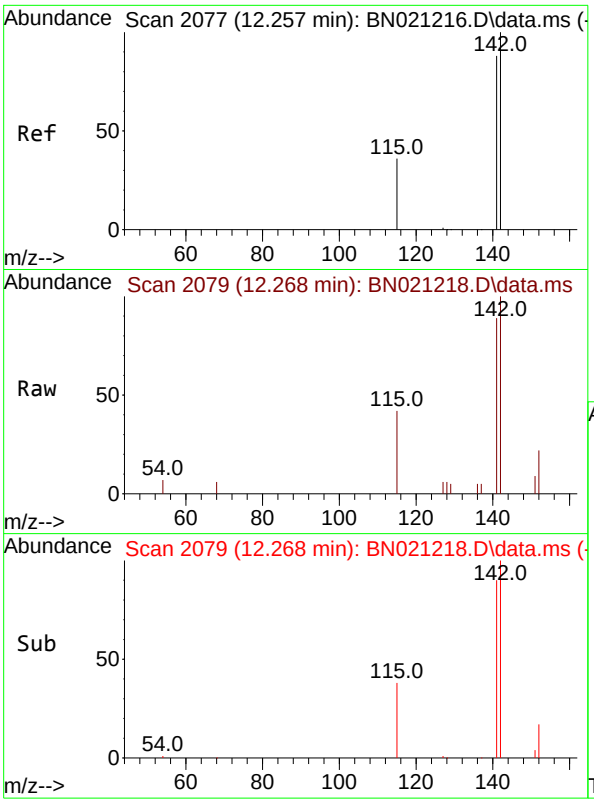


#5
Naphthalene
Concen: 0.145 ng/ul
RT: 10.640 min Scan# 1783
Delta R.T. 0.011 min
Lab File: BN021218.D
Acq: 14 Aug 2022 15:36

Tgt Ion:128 Resp: 4162

Ion	Ratio	Lower	Upper
128	100		
129	14.1	9.8	14.6
127	16.5	11.6	17.4



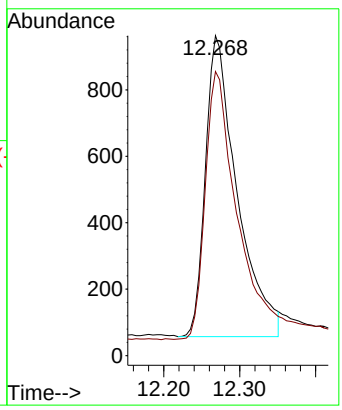


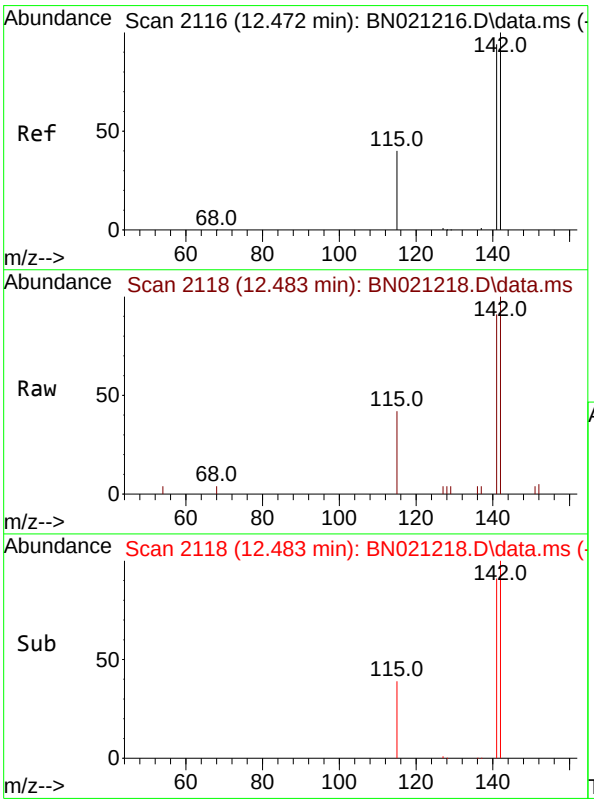
#7
2-Methylnaphthalene
Concen: 0.151 ng/ul
RT: 12.268 min Scan# 2
Delta R.T. 0.011 min
Lab File: BN021218.D
Acq: 14 Aug 2022 15:36

Instrument :
BNA_N
ClientSampleId :
SLCS983

Tgt Ion:142 Resp: 2627

Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.2	108.2

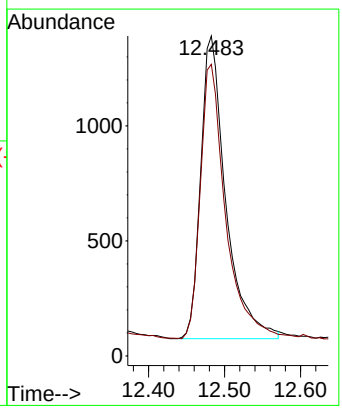


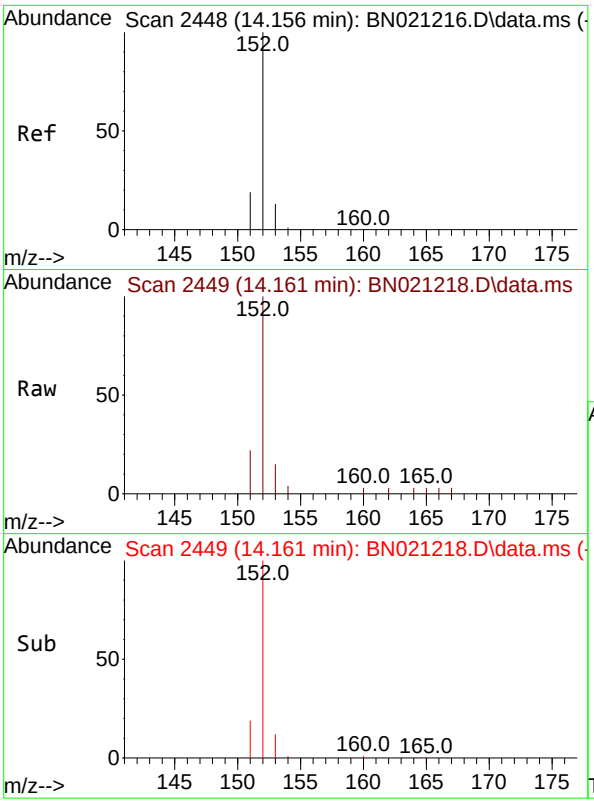


#8
1-Methylnaphthalene
Concen: 0.173 ng/ul
RT: 12.483 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BN021218.D
Acq: 14 Aug 2022 15:36

Tgt Ion:142 Resp: 3024

Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.9	110.9



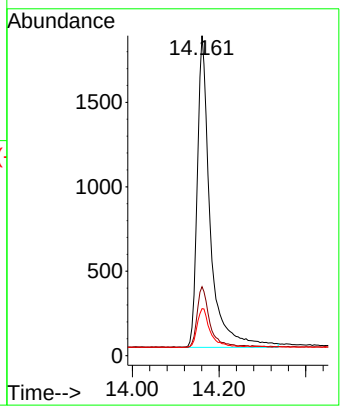


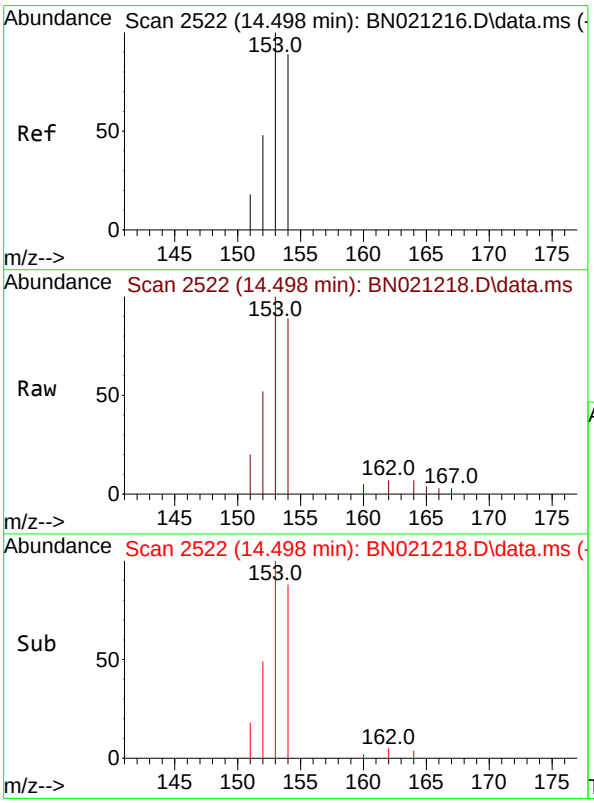
#10
Acenaphthylene
Concen: 0.134 ng/ul
RT: 14.161 min Scan# 24
Delta R.T. 0.005 min
Lab File: BN021218.D
Acq: 14 Aug 2022 15:36

Instrument :
BNA_N
ClientSampleId :
SLCS983

Tgt Ion:152 Resp: 3835

Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.9	25.3
153	14.7	11.2	16.8

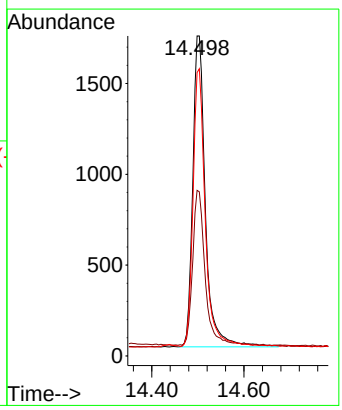


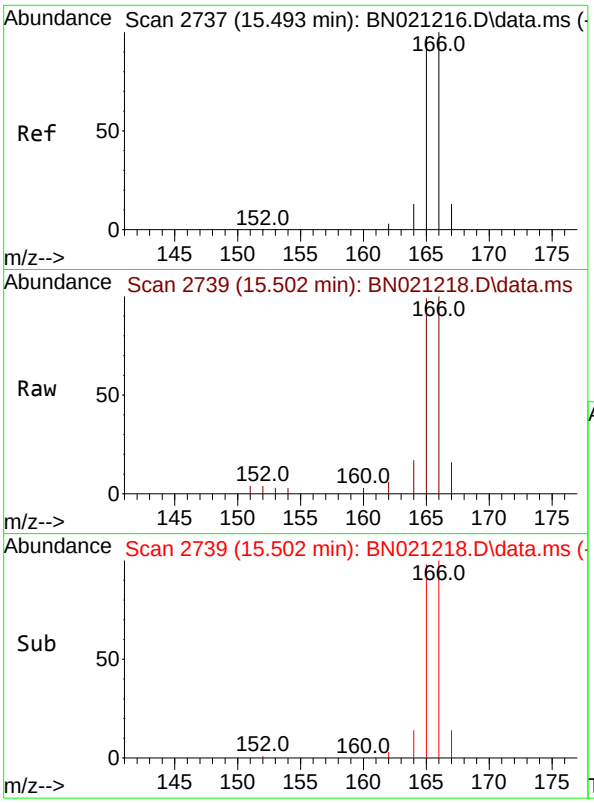


#11
Acenaphthene
Concen: 0.138 ng/ul
RT: 14.498 min Scan# 2522
Delta R.T. 0.000 min
Lab File: BN021218.D
Acq: 14 Aug 2022 15:36

Tgt Ion:153 Resp: 3263

Ion	Ratio	Lower	Upper
153	100		
152	51.8	40.2	60.4
154	88.5	70.7	106.1



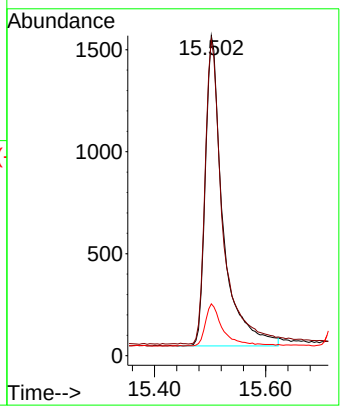


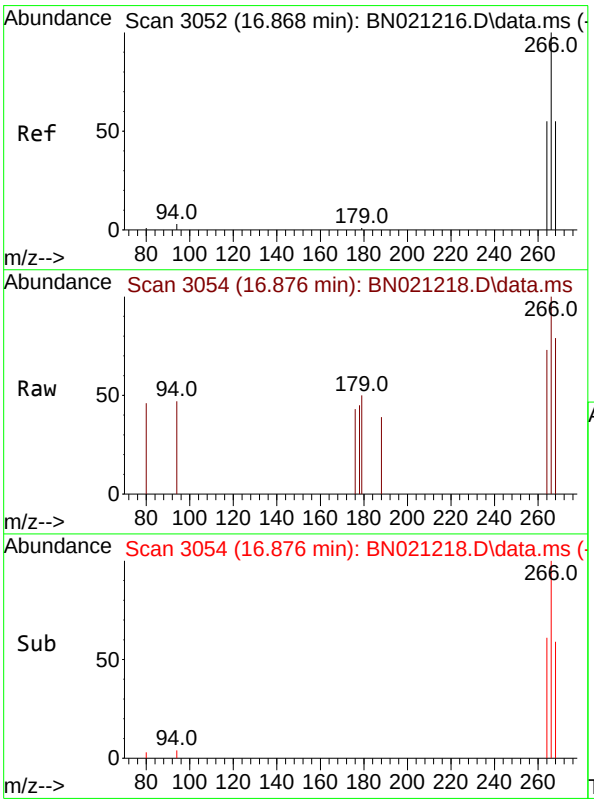
#12
Fluorene
Concen: 0.129 ng/ul
RT: 15.502 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN021218.D
Acq: 14 Aug 2022 15:36

Instrument :
BNA_N
ClientSampleId :
SLCS983

Tgt Ion:166 Resp: 3341

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.6	117.8
167	16.2	11.8	17.6

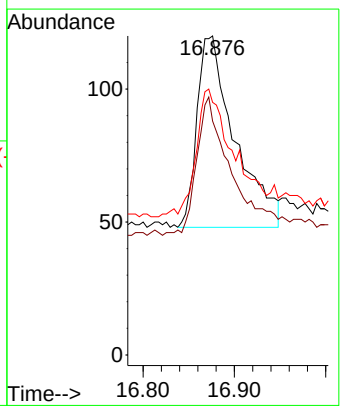


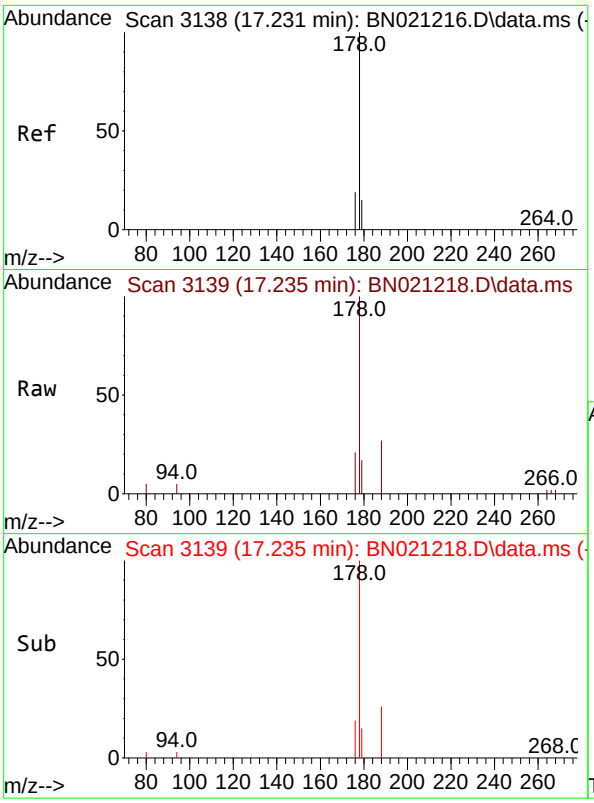


#14
Pentachlorophenol
Concen: 0.127 ng/ul
RT: 16.876 min Scan# 3054
Delta R.T. 0.013 min
Lab File: BN021218.D
Acq: 14 Aug 2022 15:36

Tgt Ion:266 Resp: 207

Ion	Ratio	Lower	Upper
266	100		
264	67.1	49.8	74.8
268	70.0	50.6	75.8





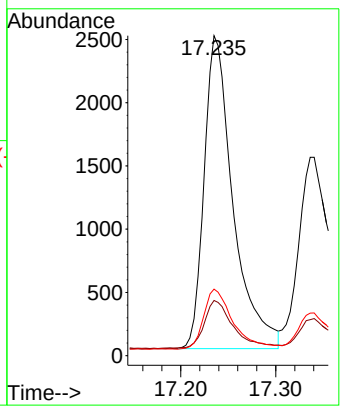
#15
Phenanthrene
Concen: 0.139 ng/ul
RT: 17.235 min Scan# 3

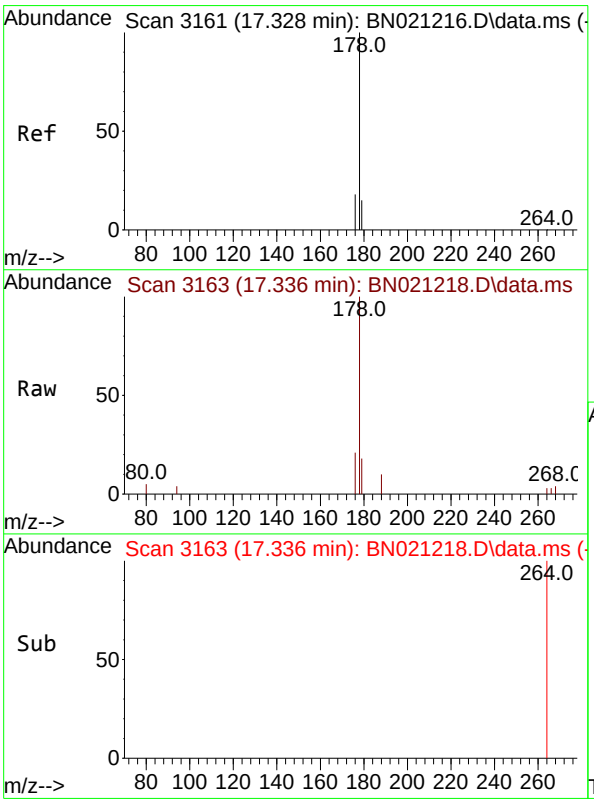
Instrument :
BNA_N
ClientSampleId :
SLCS983

Delta R.T. 0.004 min
Lab File: BN021218.D
Acq: 14 Aug 2022 15:36

Tgt Ion:178 Resp: 5254

Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.8	19.2
176	20.8	15.9	23.9

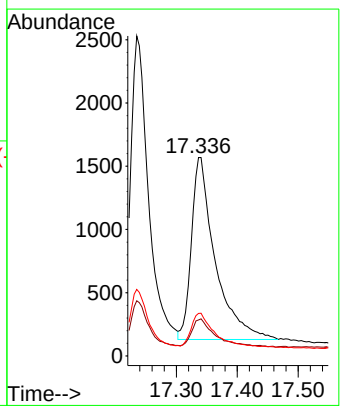


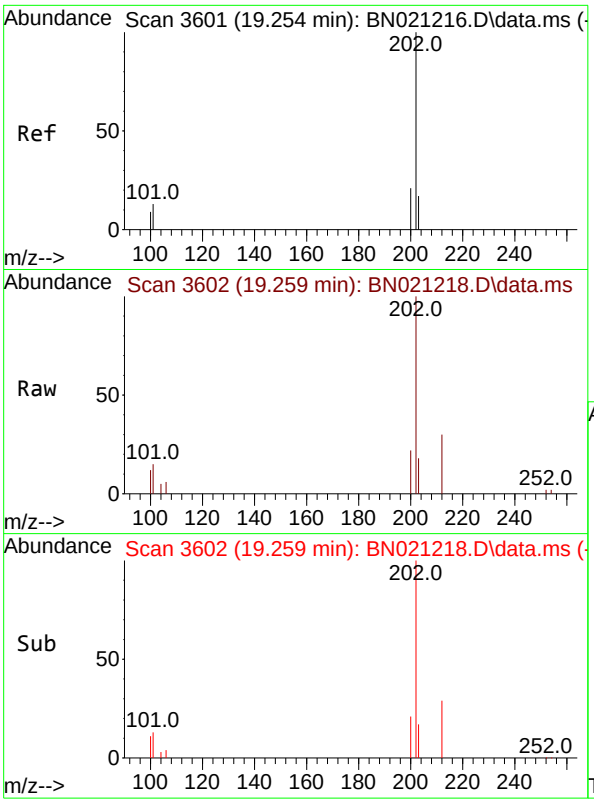


#16
Anthracene
Concen: 0.134 ng/ul
RT: 17.336 min Scan# 3163
Delta R.T. 0.009 min
Lab File: BN021218.D
Acq: 14 Aug 2022 15:36

Tgt Ion:178 Resp: 3909

Ion	Ratio	Lower	Upper
178	100		
179	18.2	12.9	19.3
176	21.5	15.9	23.9



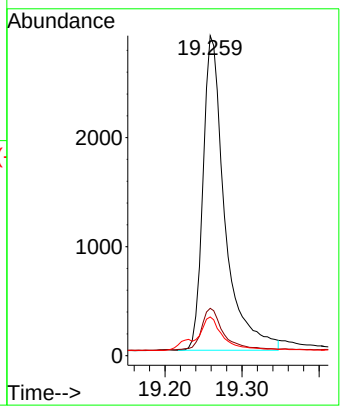


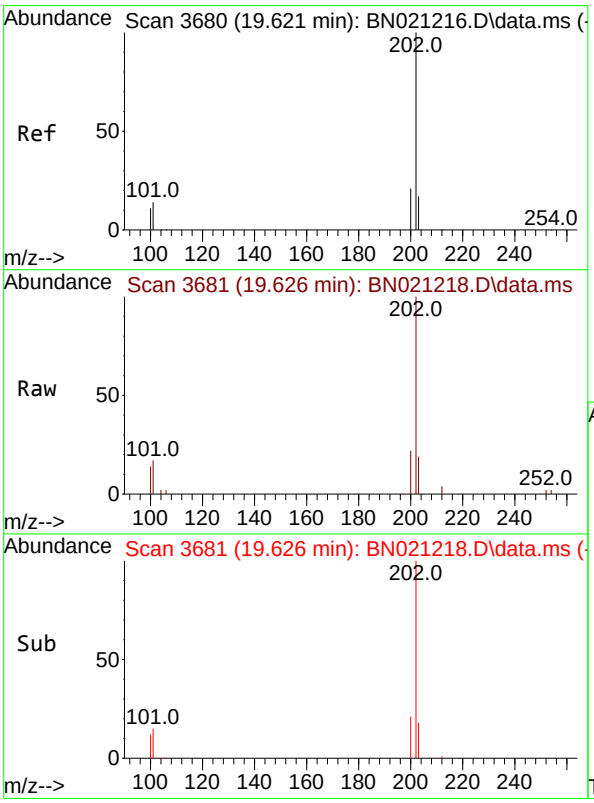
#19
Fluoranthene
Concen: 0.197 ng/ul
RT: 19.259 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN021218.D
Acq: 14 Aug 2022 15:36

Instrument :
BNA_N
ClientSampleId :
SLCS983

Tgt Ion:202 Resp: 5678

Ion	Ratio	Lower	Upper
202	100		
101	14.8	10.0	15.0
100	12.1	8.0	12.0#

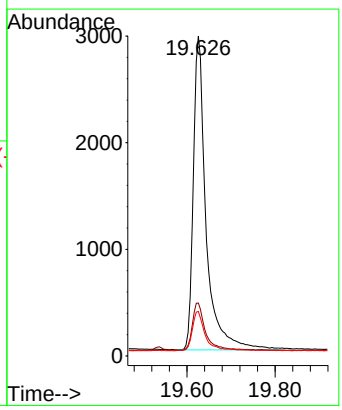


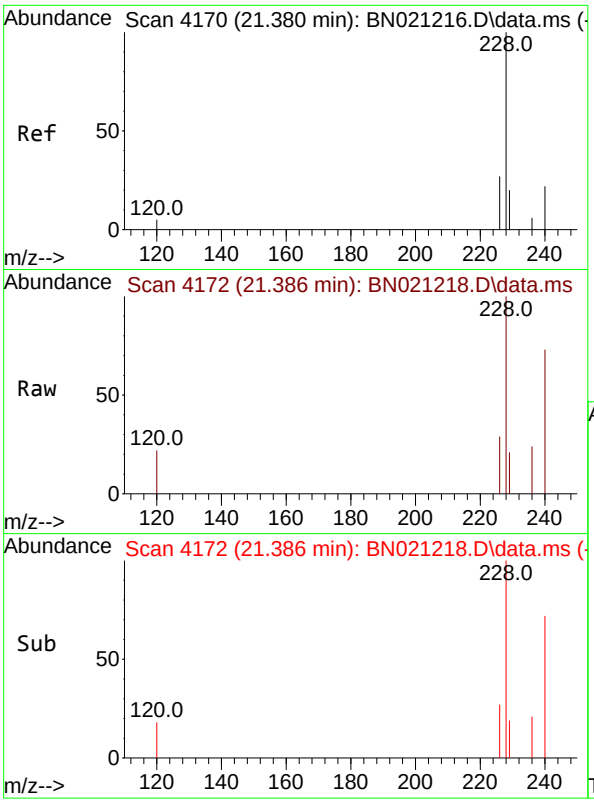


#20
Pyrene
Concen: 0.199 ng/ul
RT: 19.626 min Scan# 3681
Delta R.T. 0.005 min
Lab File: BN021218.D
Acq: 14 Aug 2022 15:36

Tgt Ion:202 Resp: 5943

Ion	Ratio	Lower	Upper
202	100		
101	16.5	11.3	16.9
100	13.9	9.0	13.4#



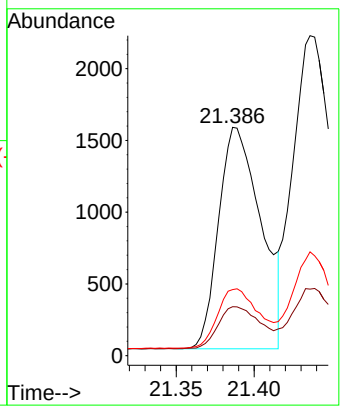


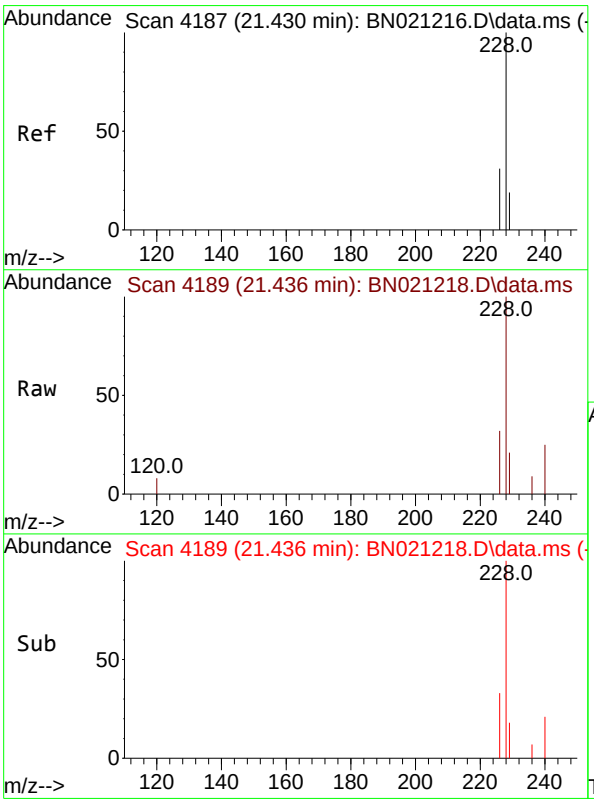
#21
Benzo(a)anthracene
Concen: 0.137 ng/ul
RT: 21.386 min Scan# 4
Delta R.T. 0.006 min
Lab File: BN021218.D
Acq: 14 Aug 2022 15:36

Instrument :
BNA_N
ClientSampleId :
SLCS983

Tgt Ion:228 Resp: 2921

Ion	Ratio	Lower	Upper
228	100		
229	21.4	16.0	24.0
226	29.0	21.9	32.9

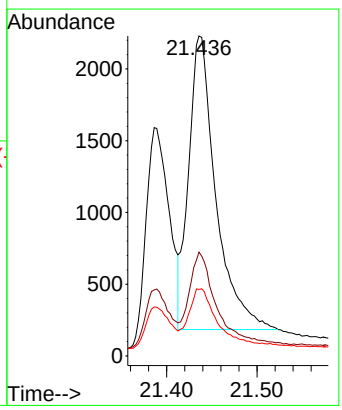


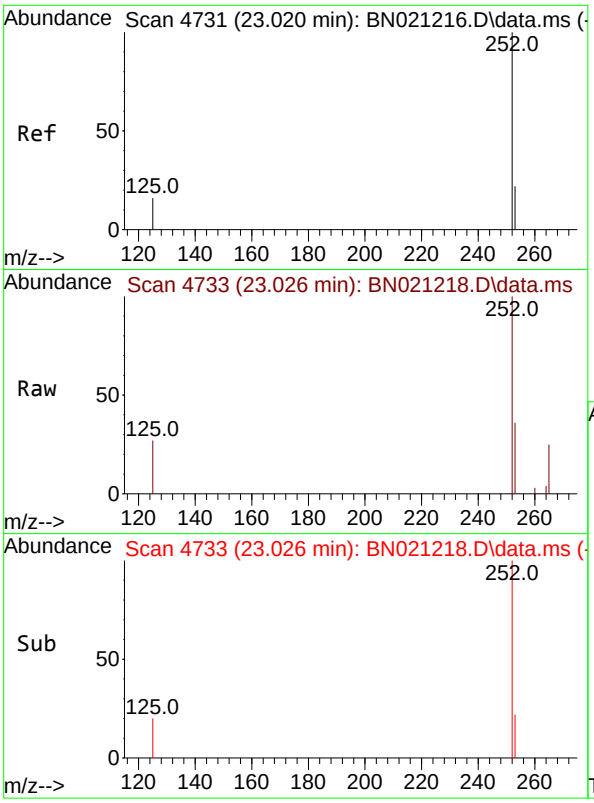


#22
Chrysene
Concen: 0.153 ng/ul
RT: 21.436 min Scan# 4189
Delta R.T. 0.006 min
Lab File: BN021218.D
Acq: 14 Aug 2022 15:36

Tgt Ion:228 Resp: 4279

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.6	37.0
229	20.8	15.8	23.8



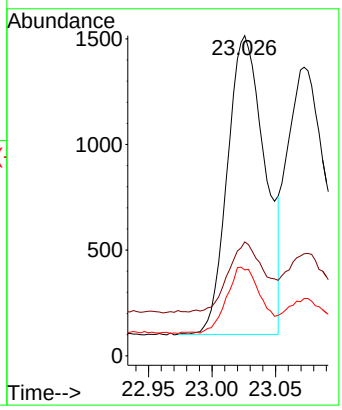


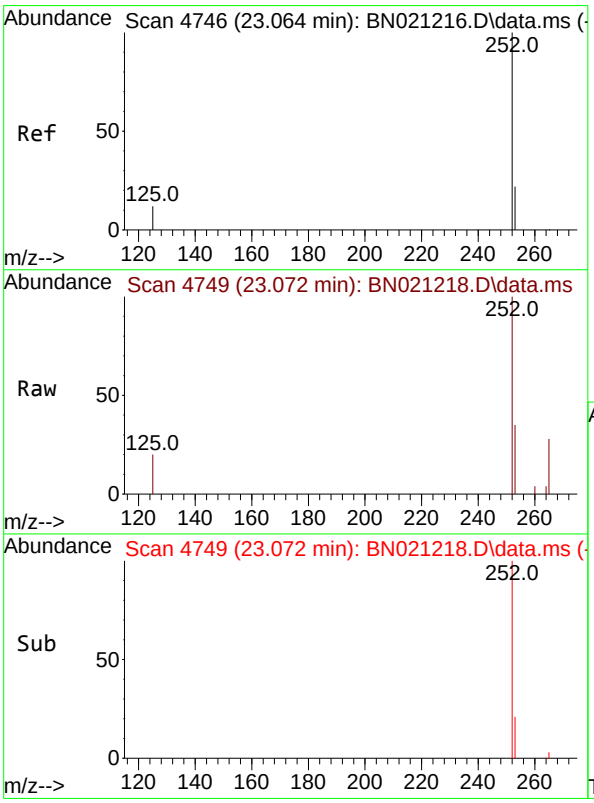
#24
Benzo(b)fluoranthene
Concen: 0.143 ng/ul
RT: 23.026 min Scan# 4
Delta R.T. 0.009 min
Lab File: BN021218.D
Acq: 14 Aug 2022 15:36

Instrument :
BNA_N
ClientSampleId :
SLCS983

Tgt Ion:252 Resp: 2899

Ion	Ratio	Lower	Upper
252	100		
253	35.6	0.0	50.8
125	26.8	0.0	30.0

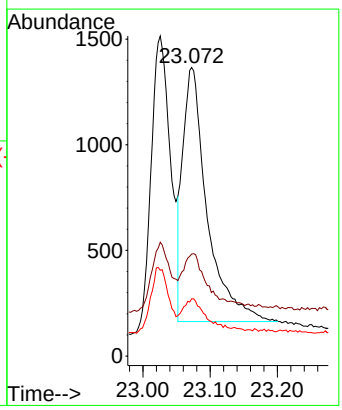


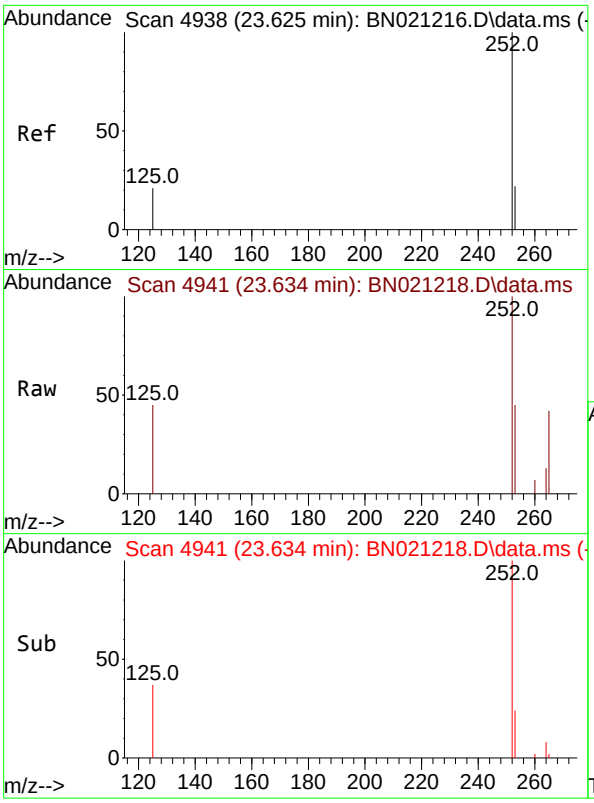


#25
Benzo(k)fluoranthene
Concen: 0.142 ng/ul
RT: 23.072 min Scan# 4749
Delta R.T. 0.009 min
Lab File: BN021218.D
Acq: 14 Aug 2022 15:36

Tgt Ion:252 Resp: 3038

Ion	Ratio	Lower	Upper
252	100		
253	35.4	20.6	31.0#
125	19.8	11.8	17.6#



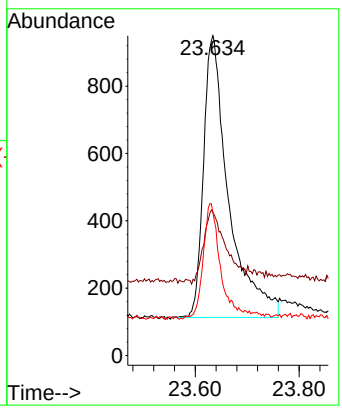


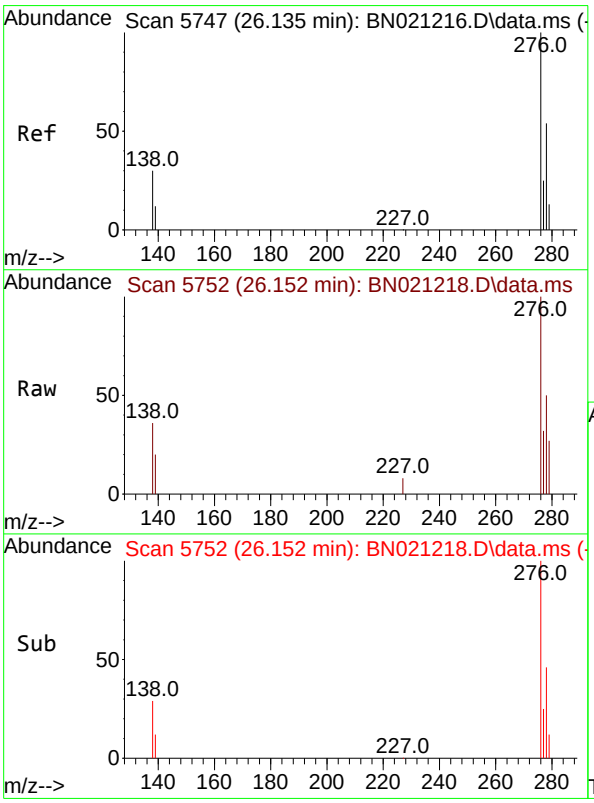
#26
Benzo(a)pyrene
Concen: 0.151 ng/ul
RT: 23.634 min Scan# 4
Delta R.T. 0.012 min
Lab File: BN021218.D
Acq: 14 Aug 2022 15:36

Instrument :
BNA_N
ClientSampleId :
SLCS983

Tgt Ion:252 Resp: 2806

Ion	Ratio	Lower	Upper
252	100		
253	44.8	22.1	33.1#
125	44.7	14.7	22.1#

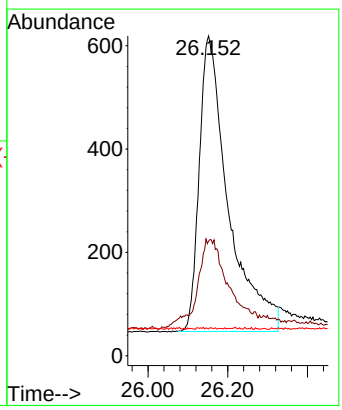


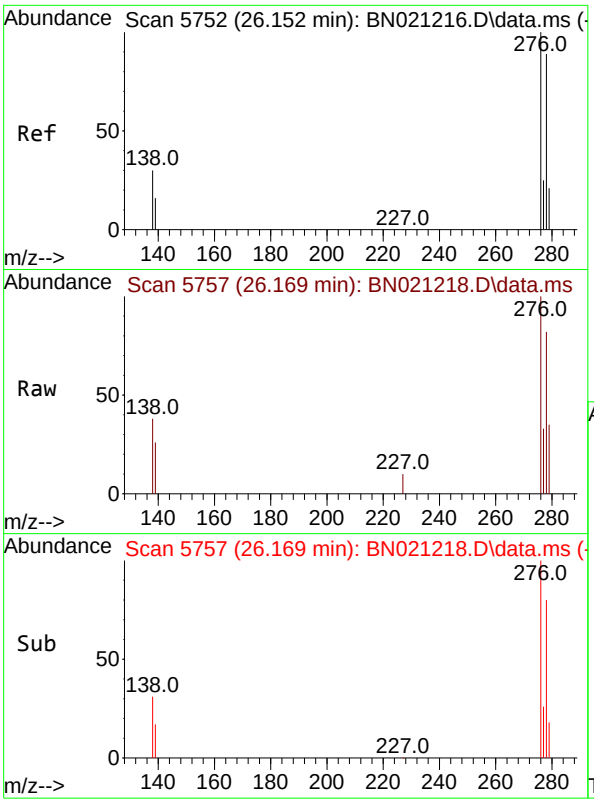


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.131 ng/ul
RT: 26.152 min Scan# 5752
Delta R.T. 0.017 min
Lab File: BN021218.D
Acq: 14 Aug 2022 15:36

Tgt Ion:276 Resp: 2897

Ion	Ratio	Lower	Upper
276	100		
138	35.4	26.1	39.1
227	0.1	0.1	0.1#



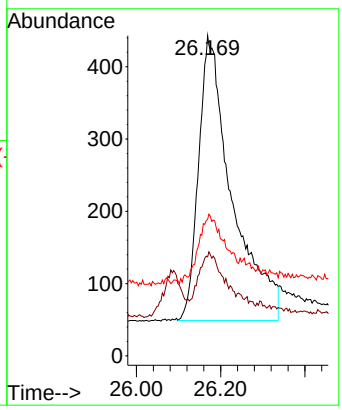


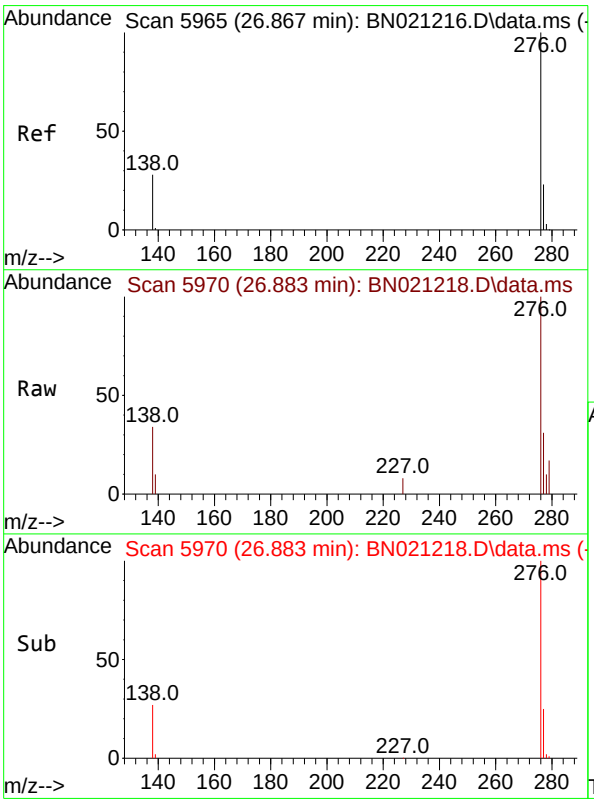
#28
Dibenzo(a,h)anthracene
Concen: 0.124 ng/ul
RT: 26.169 min Scan# 5
Delta R.T. 0.020 min
Lab File: BN021218.D
Acq: 14 Aug 2022 15:36

Instrument :
BNA_N
ClientSampleId :
SLCS983

Tgt Ion:278 Resp: 2162

Ion	Ratio	Lower	Upper
278	100		
139	30.9	18.3	27.5#
279	42.7	23.9	35.9#





#29
Benzo(g,h,i)perylene
Concen: 0.143 ng/ul
RT: 26.883 min Scan# 5970
Delta R.T. 0.014 min
Lab File: BN021218.D
Acq: 14 Aug 2022 15:36

Tgt Ion:276 Resp: 2820

Ion	Ratio	Lower	Upper
276	100		
138	33.6	22.6	34.0
277	31.0	20.2	30.2#