Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013023\
Data File : BN023850.D
Acq On : 30 Jan 2023 18:06
Operator : CG/JU
Sample : SSTD3.275
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD3.2235

Quant Time: Jan 31 01:46:50 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN013023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 31 01:40:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	2747	0.400	ng/ul	0.00
4) Naphthalene-d8	10.667	136	7362	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.511	164	4723	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.255	188	10860	0.400	ng/ul	0.00
17) Chrysene-d12	21.449	240	12738	0.400	ng/ul	0.00
23) Perylene-d12	23.855	264	10737	0.400	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.243	96	9890	3.252	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.262	152	40264	3.559	ng/ul	0.00
18) Fluoranthene-d10	19.285	212	117482	3.150	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	10516	3.297	ng/ul#	81
5) Naphthalene	10.716	128	67555	3.190	ng/ul	98
7) 2-Methylnaphthalene	12.333	142	45636	3.354	ng/ul	100
8) 1-Methylnaphthalene	12.553	142	47812	3.437	ng/ul	100
10) Acenaphthylene	14.229	152	68181	3.541	ng/ul	98
11) Acenaphthene	14.571	153	54574	3.215	ng/ul	99
12) Fluorene	15.561	166	66567	3.411	ng/ul	100
14) Pentachlorophenol	16.909	266	13570	3.874	ng/ul	99
15) Phenanthrene	17.297	178	110911	3.267	ng/ul	99
16) Anthracene	17.390	178	102131	3.510	ng/ul	98
19) Fluoranthene	19.313	202	143354	2.974	ng/ul	99
20) Pyrene	19.680	202	145241	2.861	ng/ul	99
21) Benzo(a)anthracene	21.435	228	151918	3.227	ng/ul	99
22) Chrysene	21.487	228	148666	3.135	ng/ul	99
24) Benzo(b)fluoranthene	23.121	252	166703	3.353	ng/ul	93
25) Benzo(k)fluoranthene	23.168	252	164795	3.524	ng/ul#	94
26) Benzo(a)pyrene	23.738	252	142524	3.448	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.329	276	198790	3.875	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.346	278	159285	3.917	ng/ul	96
29) Benzo(g,h,i)perylene	27.093	276	160265	3.904	ng/ul	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013023\
Data File : BN023850.D
Acq On : 30 Jan 2023 18:06
Operator : CG/JU
Sample : SSTD3.275
Misc :
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Instrument :
BNA_N
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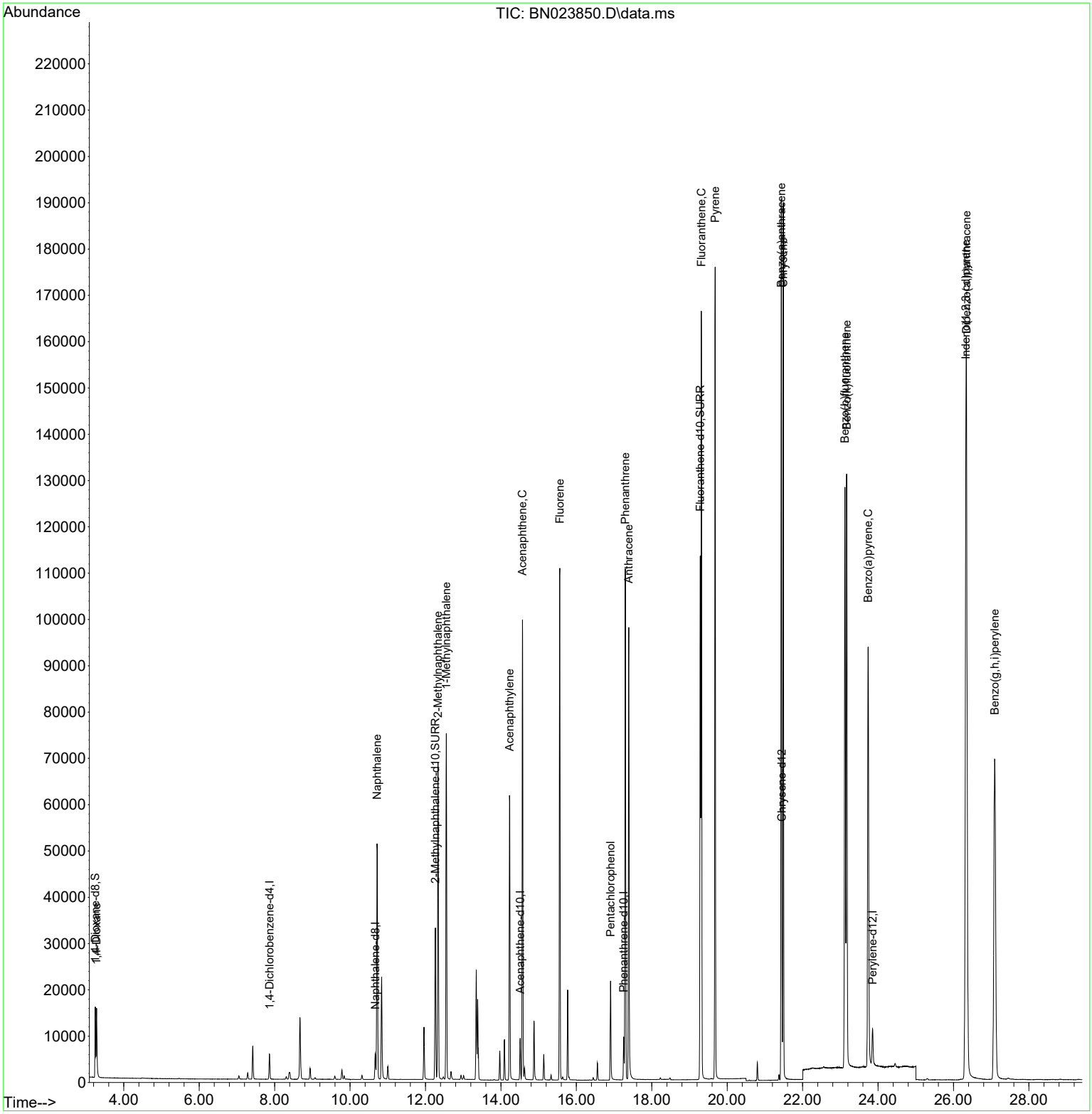
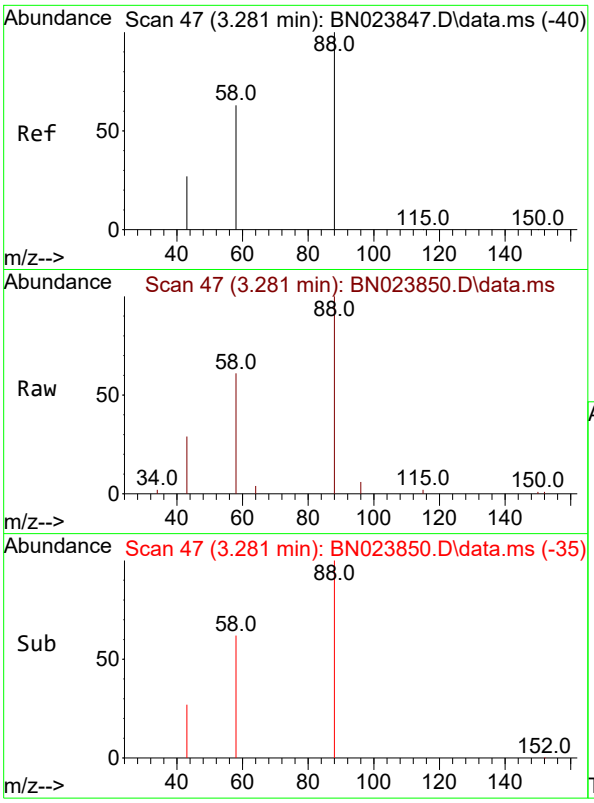
SSTD3.2235

Quant Time: Jan 31 01:46:50 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN013023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 31 01:40:05 2023
Response via : Initial Calibration



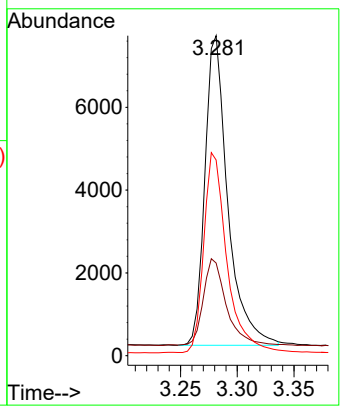


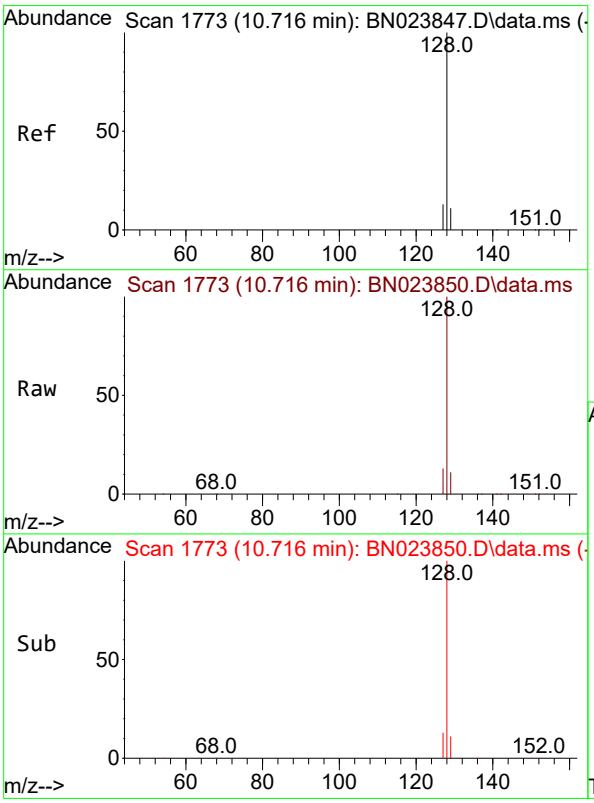
#2
1,4-Dioxane
Concen: 3.297 ng/ul
RT: 3.281 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN023850.D
Acq: 30 Jan 2023 18:06

Instrument :
BNA_N
ClientSampleId :
SSTD3.2235

Tgt Ion: 88 Resp: 10516

Ion	Ratio	Lower	Upper
88	100		
43	29.0	41.9	62.9#
58	61.2	45.6	68.4

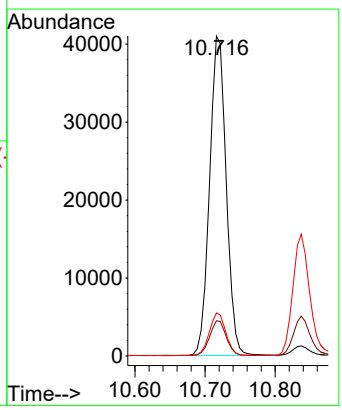


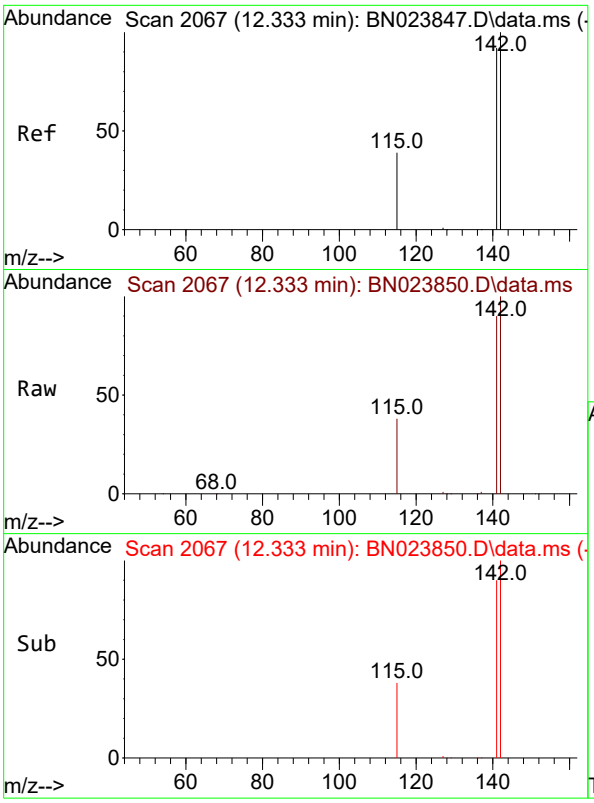


#5
Naphthalene
Concen: 3.190 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.000 min
Lab File: BN023850.D
Acq: 30 Jan 2023 18:06

Tgt Ion:128 Resp: 67555

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.7	14.5
127	13.4	11.1	16.7



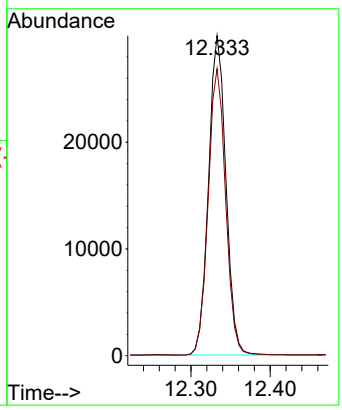


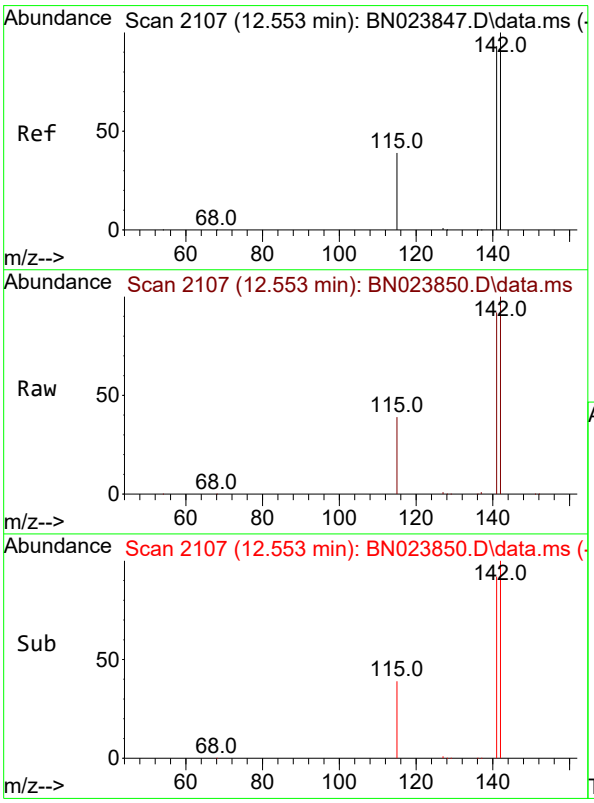
#7
2-Methylnaphthalene
Concen: 3.354 ng/ul
RT: 12.333 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN023850.D
Acq: 30 Jan 2023 18:06

Instrument :
BNA_N
ClientSampleId :
SSTD3.2235

Tgt Ion:142 Resp: 45636

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.6	107.4

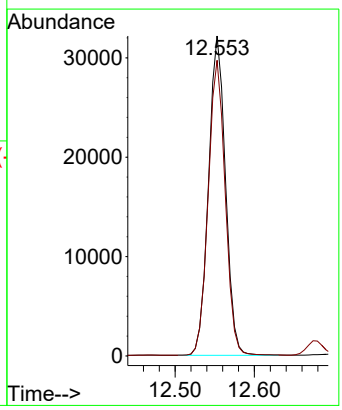


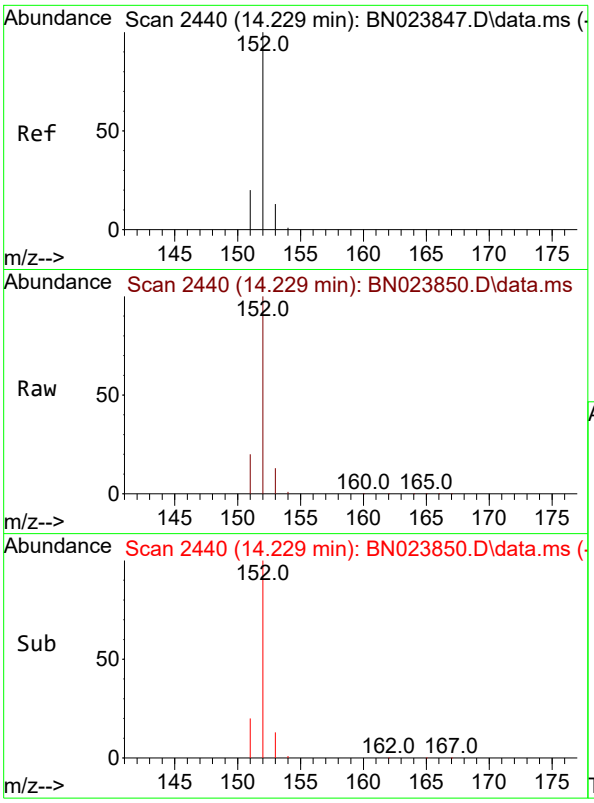


#8
1-Methylnaphthalene
Concen: 3.437 ng/ul
RT: 12.553 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BN023850.D
Acq: 30 Jan 2023 18:06

Tgt Ion:142 Resp: 47812

Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.1	111.1



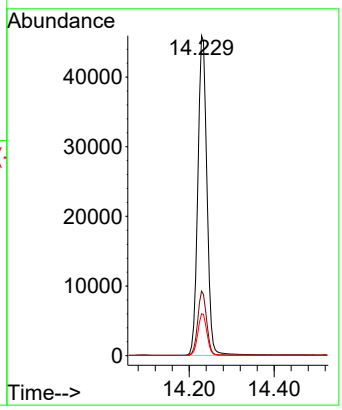


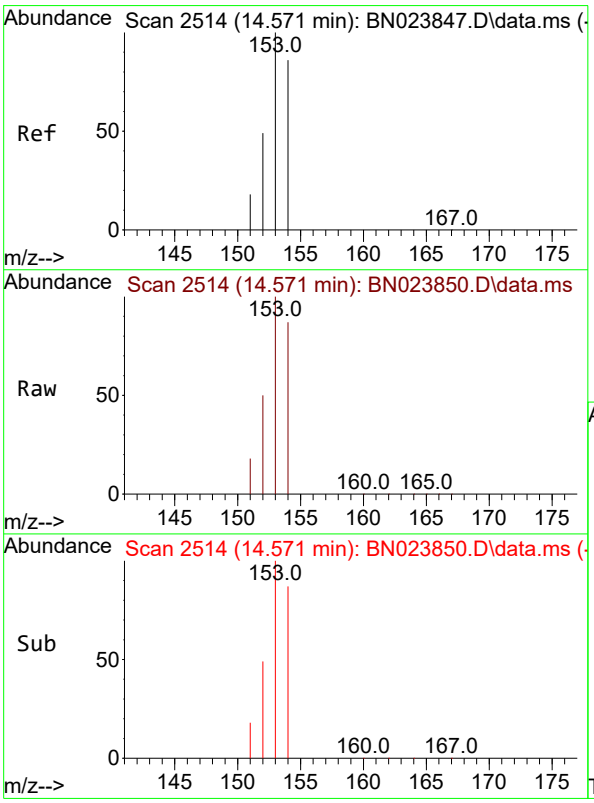
#10
Acenaphthylene
Concen: 3.541 ng/ul
RT: 14.229 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN023850.D
Acq: 30 Jan 2023 18:06

Instrument :
BNA_N
ClientSampleId :
SSTD3.2235

Tgt Ion:152 Resp: 68181

Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.0	25.4
153	13.1	11.1	16.7

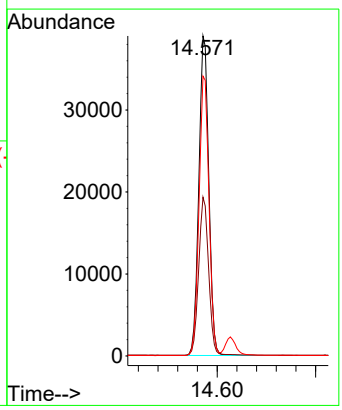


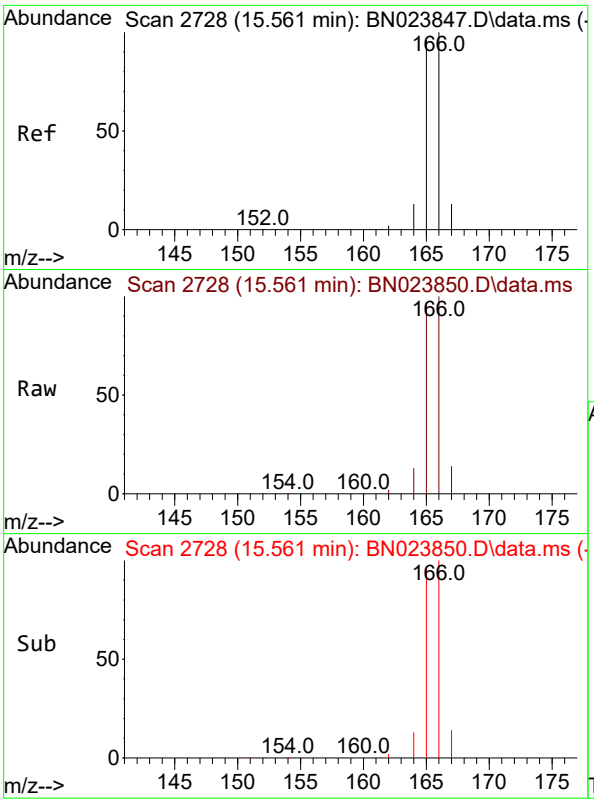


#11
Acenaphthene
Concen: 3.215 ng/ul
RT: 14.571 min Scan# 2514
Delta R.T. 0.000 min
Lab File: BN023850.D
Acq: 30 Jan 2023 18:06

Tgt Ion:153 Resp: 54574

Ion	Ratio	Lower	Upper
153	100		
152	49.6	39.6	59.4
154	87.5	68.8	103.2



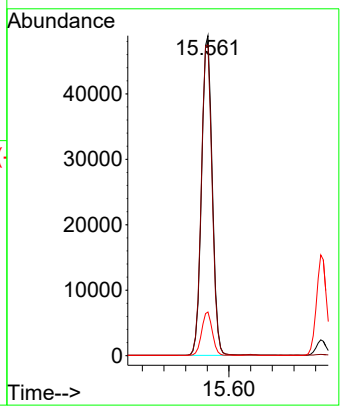


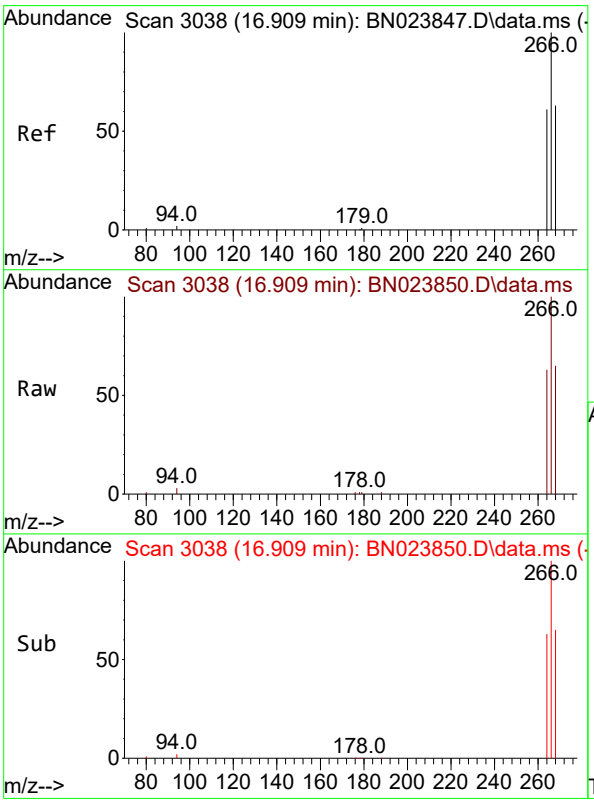
#12
Fluorene
Concen: 3.411 ng/ul
RT: 15.561 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN023850.D
Acq: 30 Jan 2023 18:06

Instrument :
BNA_N
ClientSampleId :
SSTD3.2235

Tgt Ion:166 Resp: 66567

Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.4	116.2
167	13.7	11.4	17.0

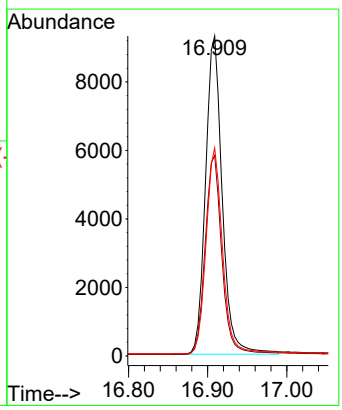


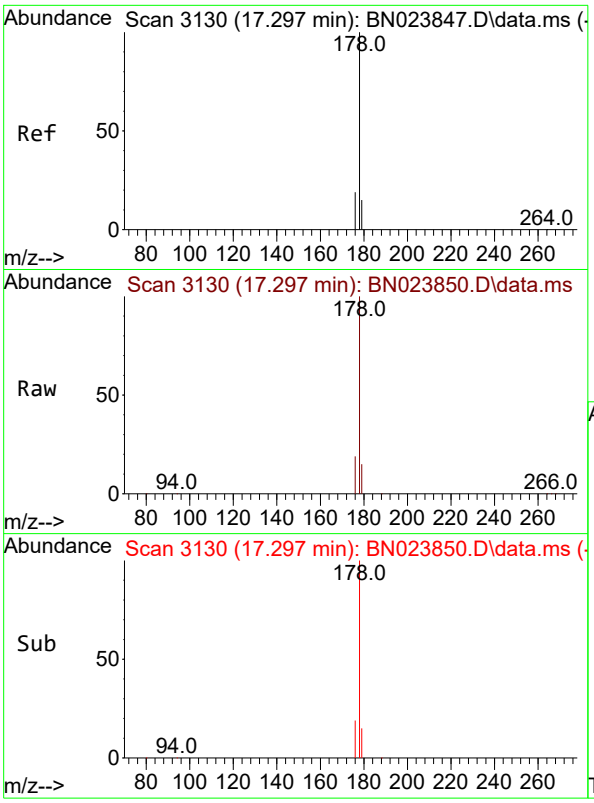


#14
Pentachlorophenol
Concen: 3.874 ng/ul
RT: 16.909 min Scan# 3038
Delta R.T. 0.000 min
Lab File: BN023850.D
Acq: 30 Jan 2023 18:06

Tgt Ion:266 Resp: 13570

Ion	Ratio	Lower	Upper
266	100		
264	62.5	49.4	74.0
268	64.0	52.0	78.0



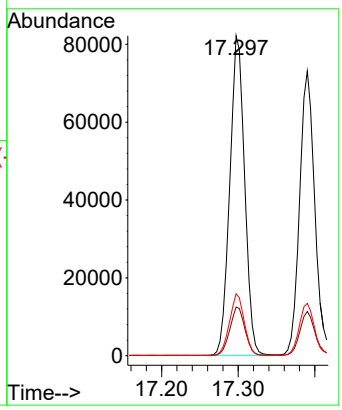


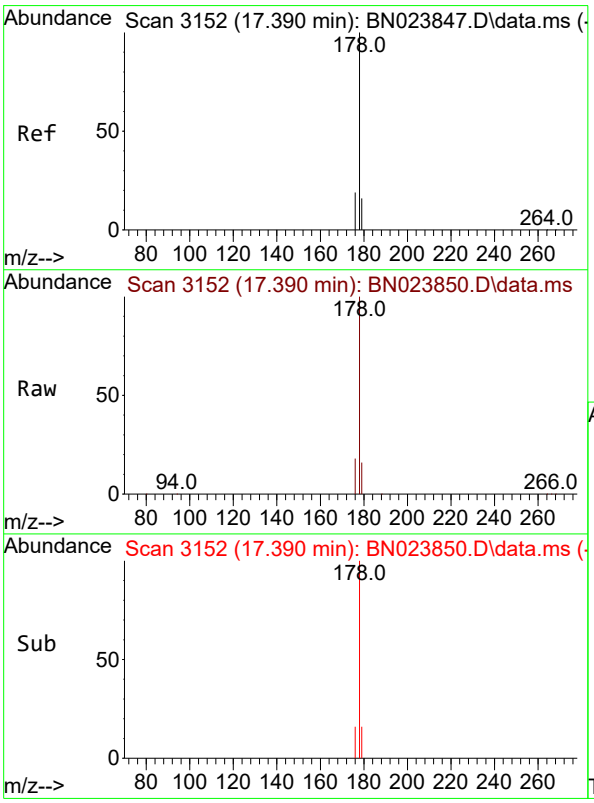
#15
Phenanthrene
Concen: 3.267 ng/ul
RT: 17.297 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN023850.D
Acq: 30 Jan 2023 18:06

Instrument :
BNA_N
ClientSampleId :
SSTD3.2235

Tgt Ion:178 Resp: 110911

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	19.0
176	19.3	15.7	23.5

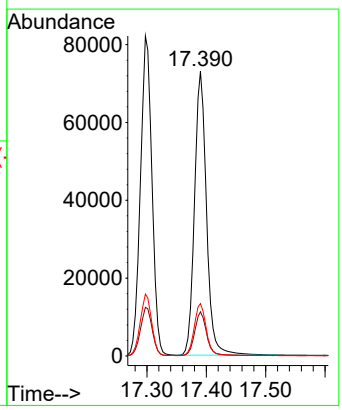


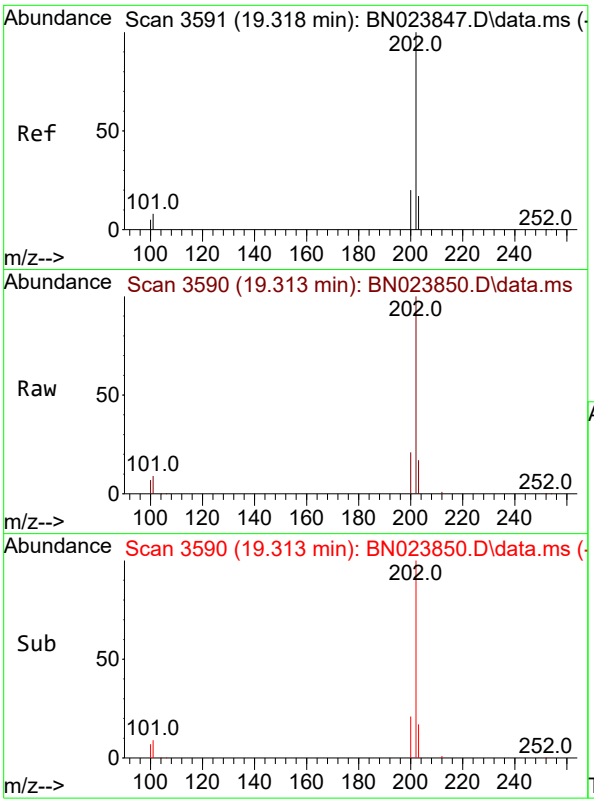


#16
Anthracene
Concen: 3.510 ng/ul
RT: 17.390 min Scan# 3152
Delta R.T. 0.000 min
Lab File: BN023850.D
Acq: 30 Jan 2023 18:06

Tgt Ion:178 Resp: 102131

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.4	20.0
176	18.4	15.4	23.2



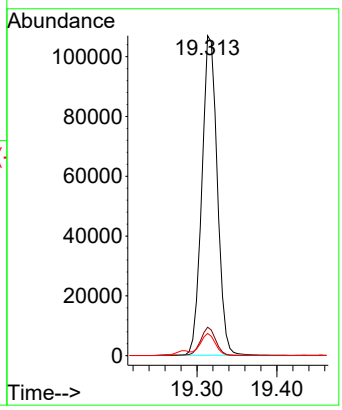


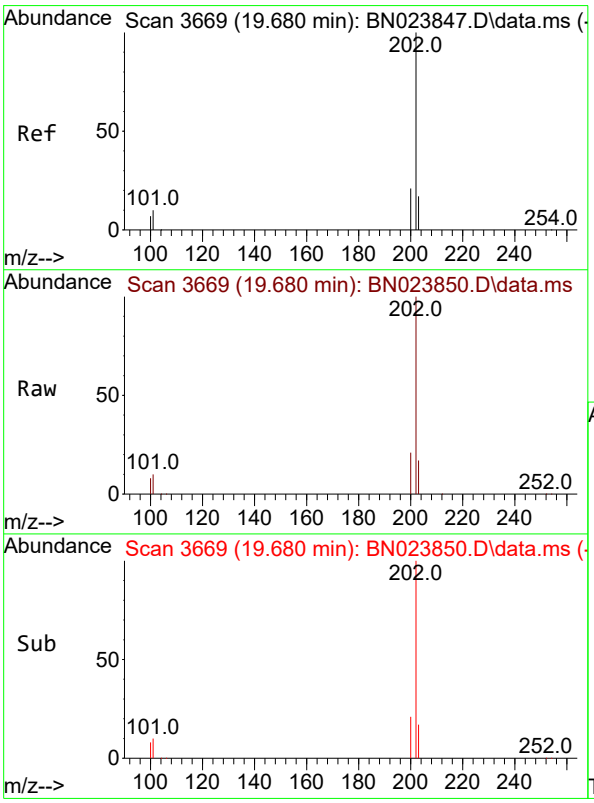
#19
Fluoranthene
Concen: 2.974 ng/ul
RT: 19.313 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN023850.D
Acq: 30 Jan 2023 18:06

Instrument :
BNA_N
ClientSampleId :
SSTD3.2235

Tgt Ion:202 Resp: 143354

Ion	Ratio	Lower	Upper
202	100		
101	8.9	6.8	10.2
100	6.9	5.2	7.8

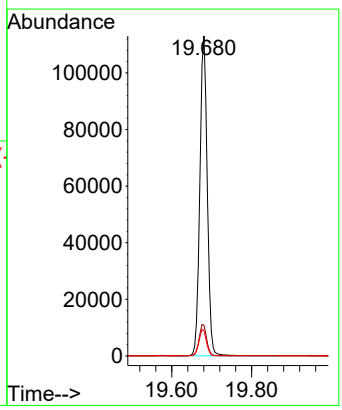


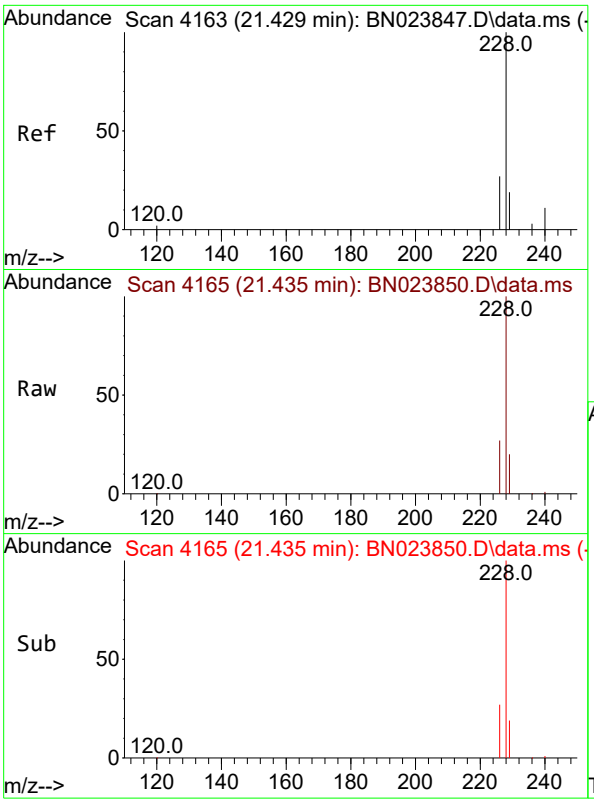


#20
Pyrene
Concen: 2.861 ng/ul
RT: 19.680 min Scan# 3669
Delta R.T. 0.000 min
Lab File: BN023850.D
Acq: 30 Jan 2023 18:06

Tgt Ion:202 Resp: 145241

Ion	Ratio	Lower	Upper
202	100		
101	9.6	8.1	12.1
100	7.9	6.2	9.4



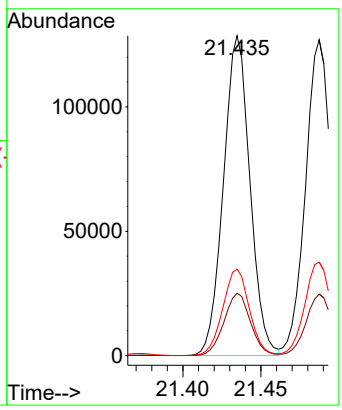


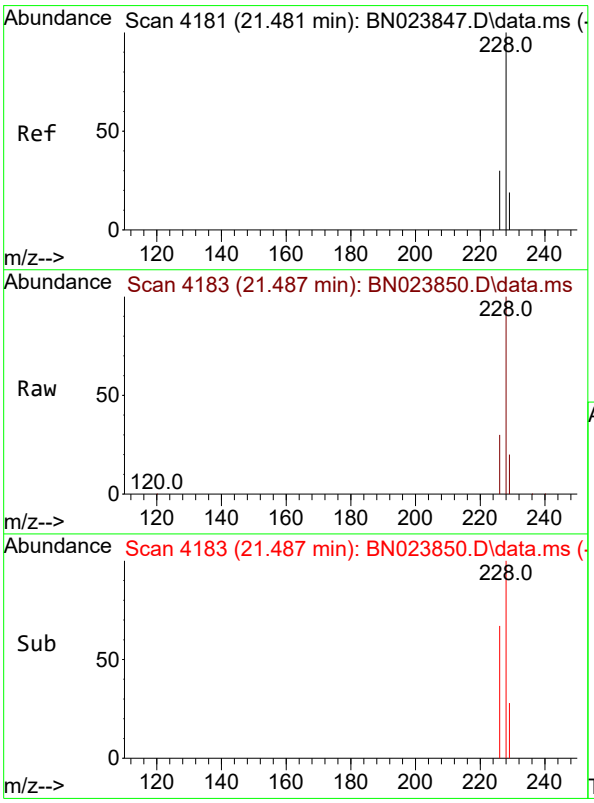
#21
Benzo(a)anthracene
Concen: 3.227 ng/ul
RT: 21.435 min Scan# 4
Delta R.T. 0.006 min
Lab File: BN023850.D
Acq: 30 Jan 2023 18:06

Instrument :
BNA_N
ClientSampleId :
SSTD3.2235

Tgt Ion:228 Resp: 151918

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.8	23.8
226	27.0	22.0	33.0

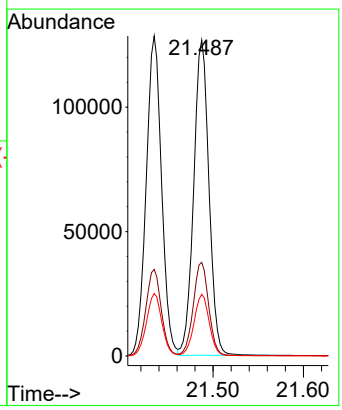


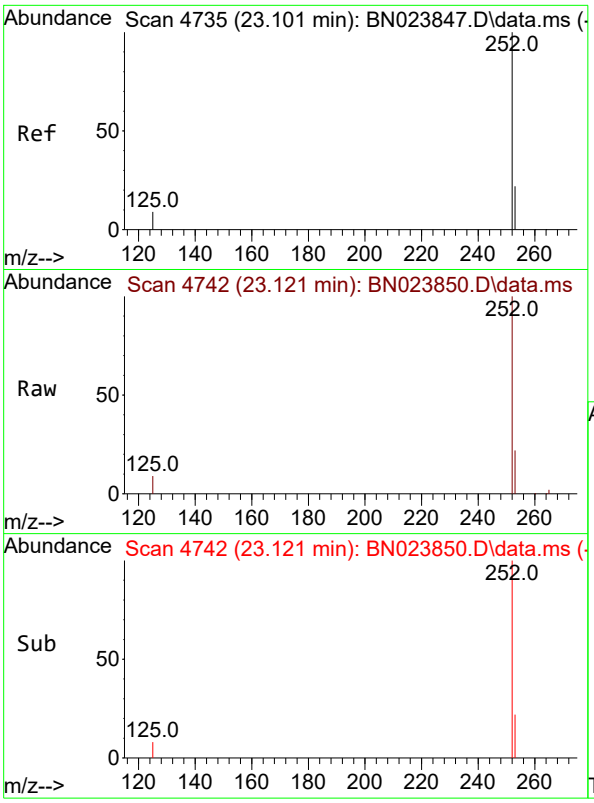


#22
Chrysene
Concen: 3.135 ng/ul
RT: 21.487 min Scan# 4183
Delta R.T. 0.006 min
Lab File: BN023850.D
Acq: 30 Jan 2023 18:06

Tgt Ion:228 Resp: 148666

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.2	36.2
229	19.5	15.5	23.3



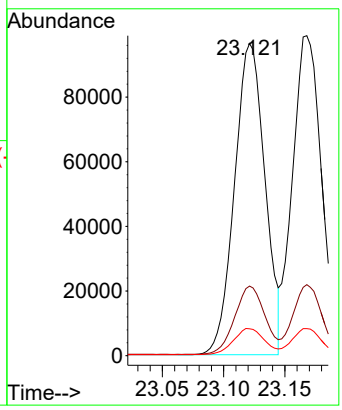


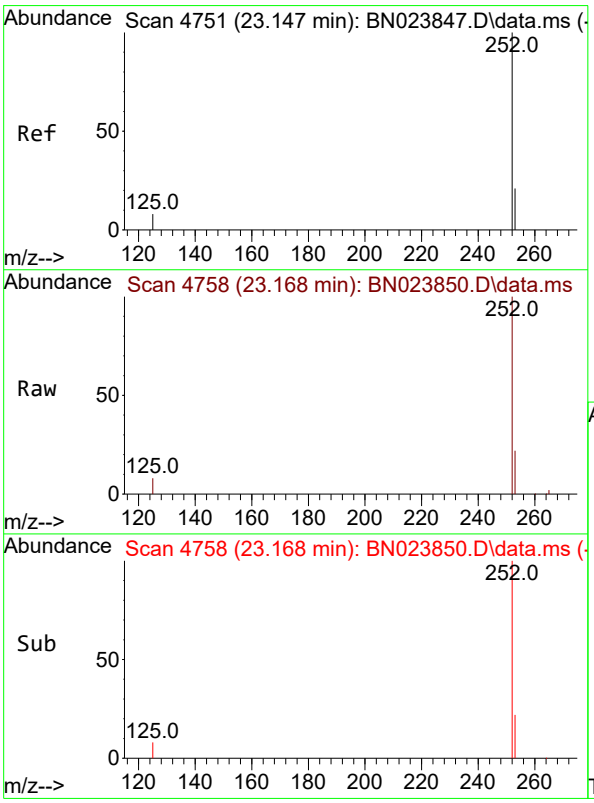
#24
Benzo(b)fluoranthene
Concen: 3.353 ng/ul
RT: 23.121 min Scan# 4
Delta R.T. 0.020 min
Lab File: BN023850.D
Acq: 30 Jan 2023 18:06

Instrument :
BNA_N
ClientSampleId :
SSTD3.2235

Tgt Ion:252 Resp: 166703

Ion	Ratio	Lower	Upper
252	100		
253	22.3	0.0	51.8
125	8.6	0.0	23.6

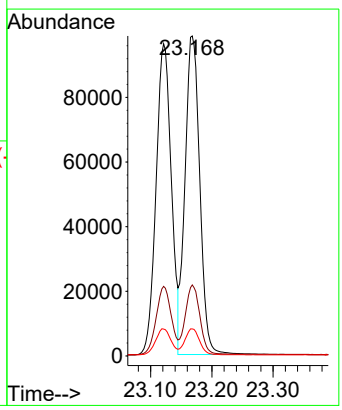


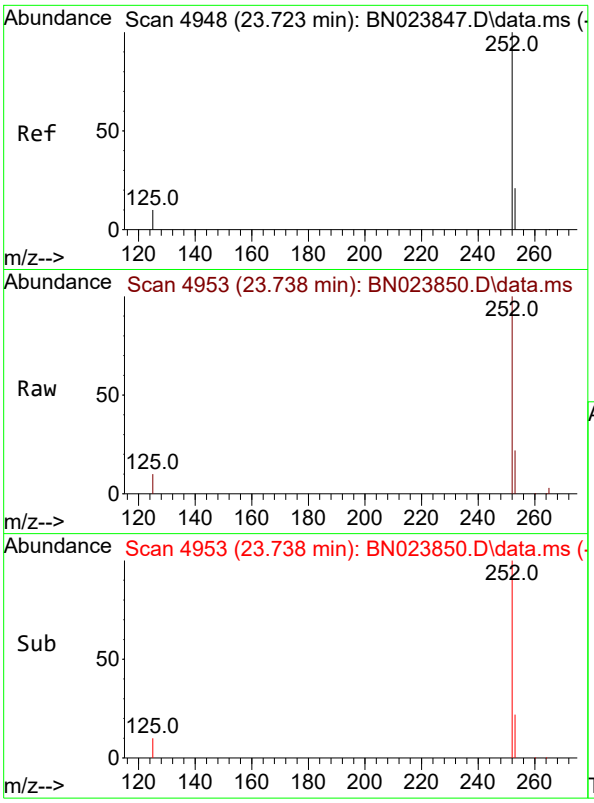


#25
Benzo(k)fluoranthene
Concen: 3.524 ng/ul
RT: 23.168 min Scan# 4758
Delta R.T. 0.020 min
Lab File: BN023850.D
Acq: 30 Jan 2023 18:06

Tgt Ion:252 Resp: 164795

Ion	Ratio	Lower	Upper
252	100		
253	22.2	20.2	30.2
125	8.4	9.0	13.4#



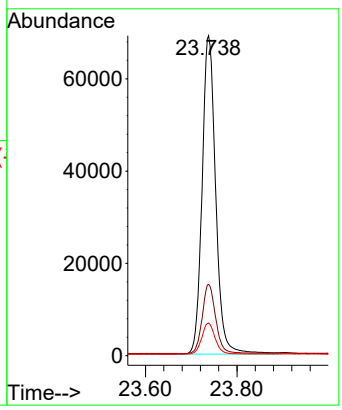


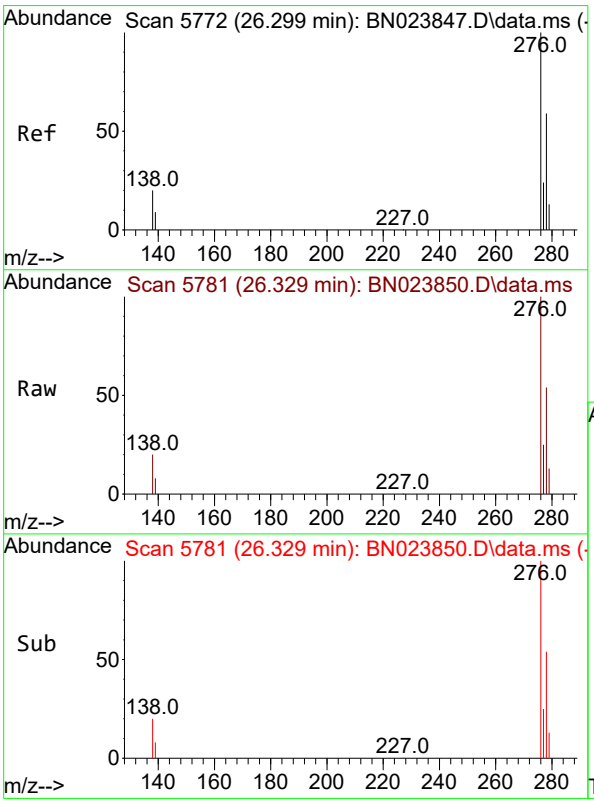
#26
Benzo(a)pyrene
Concen: 3.448 ng/ul
RT: 23.738 min Scan# 4
Delta R.T. 0.015 min
Lab File: BN023850.D
Acq: 30 Jan 2023 18:06

Instrument :
BNA_N
ClientSampleId :
SSTD3.2235

Tgt Ion:252 Resp: 142524

Ion	Ratio	Lower	Upper
252	100		
253	22.3	21.5	32.3
125	10.2	11.2	16.8#

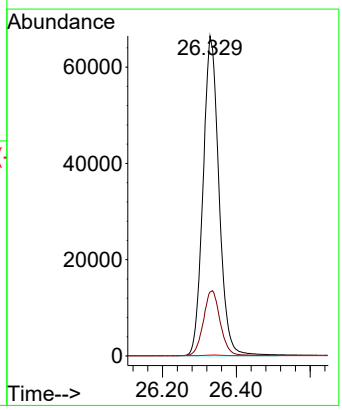


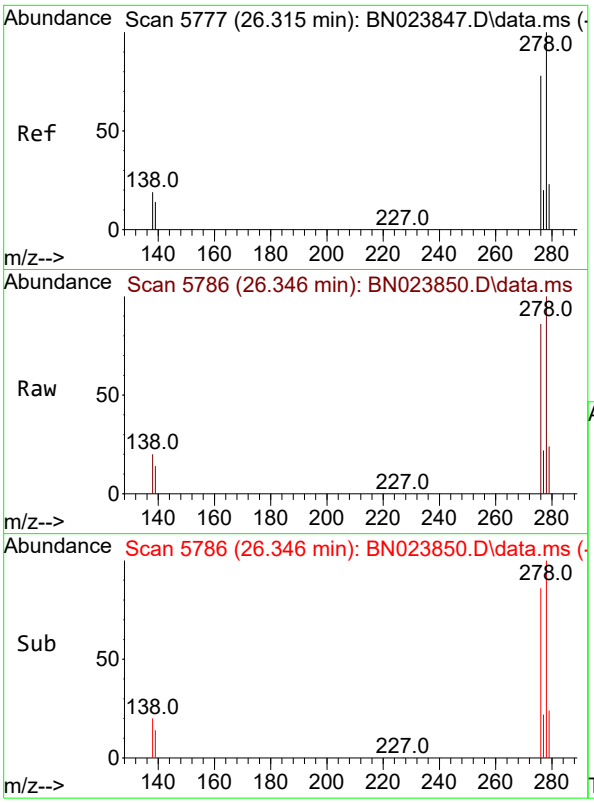


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.875 ng/ul
RT: 26.329 min Scan# 5781
Delta R.T. 0.030 min
Lab File: BN023850.D
Acq: 30 Jan 2023 18:06

Tgt Ion:276 Resp: 198790

Ion	Ratio	Lower	Upper
276	100		
138	21.5	17.0	25.6
227	0.2	0.2	0.4#



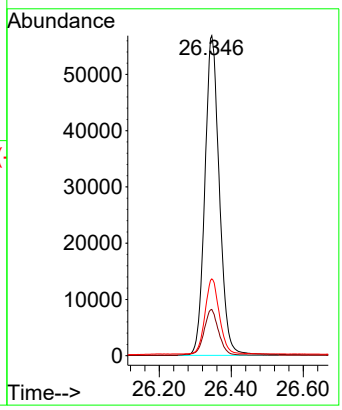


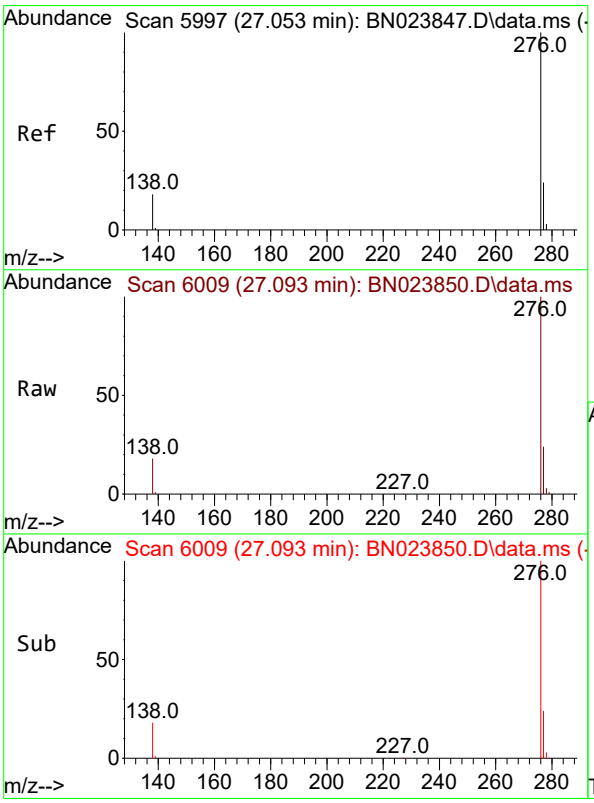
#28
Dibenzo(a,h)anthracene
Concen: 3.917 ng/ul
RT: 26.346 min Scan# 5
Delta R.T. 0.030 min
Lab File: BN023850.D
Acq: 30 Jan 2023 18:06

Instrument :
BNA_N
ClientSampleId :
SSTD3.2235

Tgt Ion:278 Resp: 159285

Ion	Ratio	Lower	Upper
278	100		
139	14.4	12.3	18.5
279	24.0	21.4	32.0





#29
Benzo(g,h,i)perylene
Concen: 3.904 ng/ul
RT: 27.093 min Scan# 6009
Delta R.T. 0.040 min
Lab File: BN023850.D
Acq: 30 Jan 2023 18:06

Tgt Ion:276 Resp: 160265

Ion	Ratio	Lower	Upper
276	100		
138	18.3	15.3	22.9
277	24.0	19.9	29.9