Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023481.D
Acq On : 26 Dec 2022 11:52
Operator : CG/JU
Sample : PB149682BS
Misc :
ALS Vial : 118 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS682

Quant Time: Dec 27 03:48:43 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Dec 25 05:17:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	6870	0.400	ng/ul	0.00
4) Naphthalene-d8	10.799	136	22546	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.631	164	12543	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.382	188	26195	0.400	ng/ul	0.00
17) Chrysene-d12	21.569	240	14558	0.400	ng/ul	0.00
23) Perylene-d12	24.013	264	11246	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	3820	0.512	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.388	152	11222	0.322	ng/ul	0.00
18) Fluoranthene-d10	19.411	212	21144	0.402	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.374	88	10356	1.356	ng/ul	90
5) Naphthalene	10.848	128	20913	0.316	ng/ul	100
7) 2-Methylnaphthalene	12.460	142	13197	0.312	ng/ul	100
8) 1-Methylnaphthalene	12.680	142	14260	0.327	ng/ul	100
10) Acenaphthylene	14.354	152	17803	0.320	ng/ul	100
11) Acenaphthene	14.696	153	14709	0.314	ng/ul	98
12) Fluorene	15.682	166	16229	0.308	ng/ul	99
14) Pentachlorophenol	17.031	266	3502	0.482	ng/ul	99
15) Phenanthrene	17.420	178	26495	0.311	ng/ul	99
16) Anthracene	17.513	178	24283	0.343	ng/ul	100
19) Fluoranthene	19.439	202	27584	0.391	ng/ul	99
20) Pyrene	19.801	202	28432	0.399	ng/ul	99
21) Benzo(a)anthracene	21.552	228	19880	0.351	ng/ul	99
22) Chrysene	21.607	228	20181	0.350	ng/ul	99
24) Benzo(b)fluoranthene	23.264	252	18438	0.317	ng/ul	98
25) Benzo(k)fluoranthene	23.311	252	17341	0.318	ng/ul	99
26) Benzo(a)pyrene	23.902	252	15255	0.331	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.567	276	18854	0.351	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.587	278	14882	0.357	ng/ul	99
29) Benzo(g,h,i)perylene	27.348	276	15929	0.364	ng/ul	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
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Instrument :
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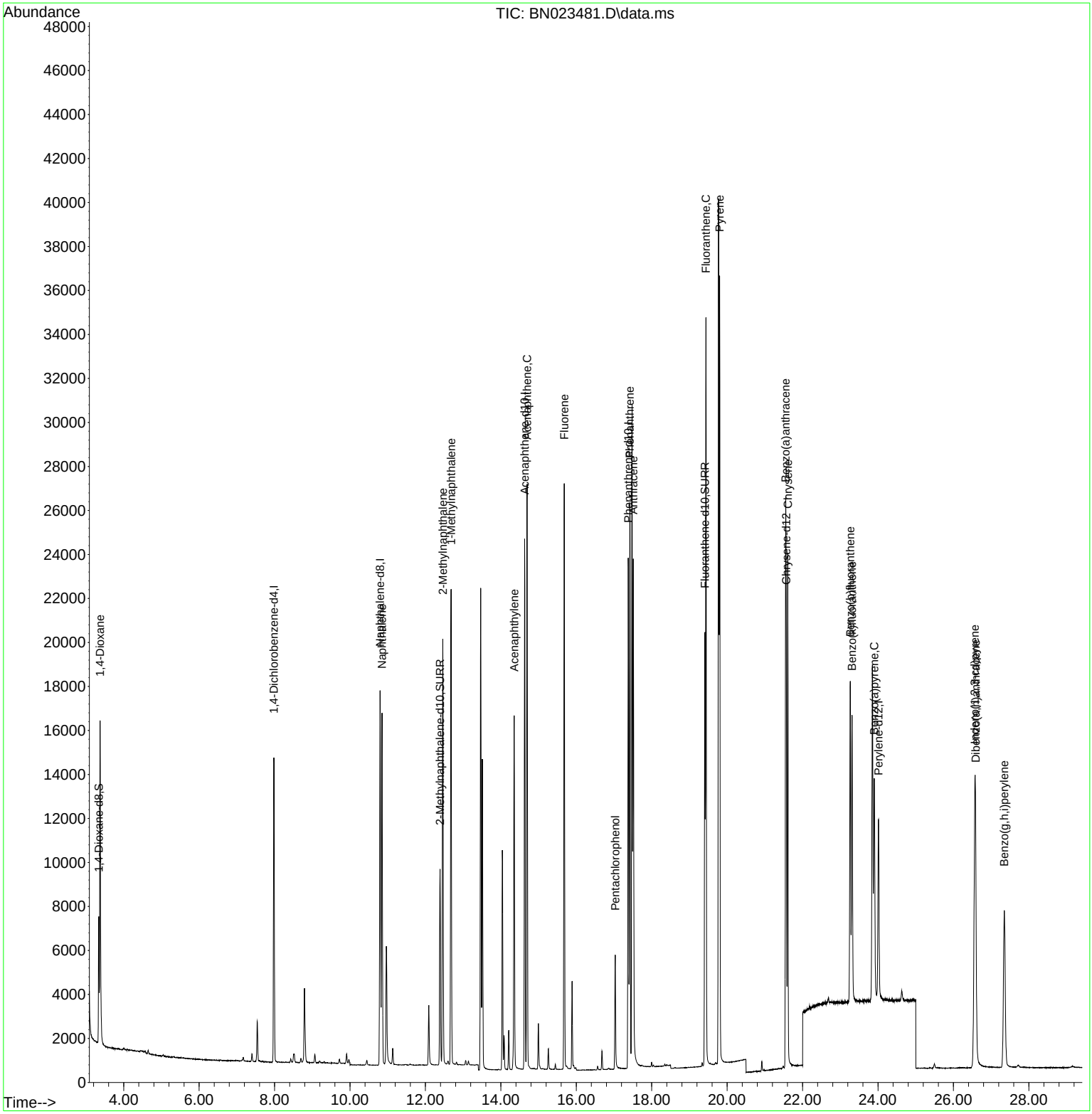
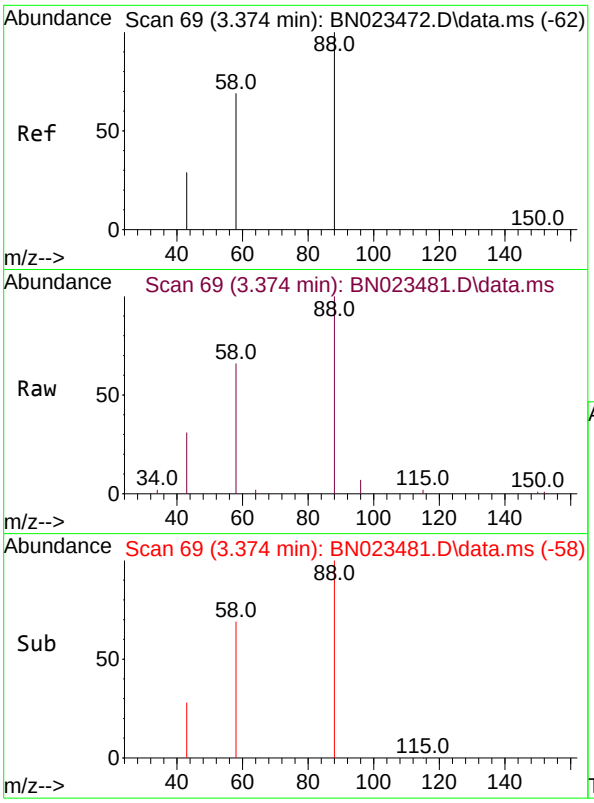
Quant Time: Dec 27 03:48:43 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Dec 25 05:17:59 2022
Response via : Initial Calibration



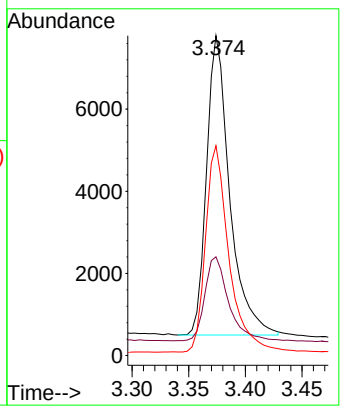


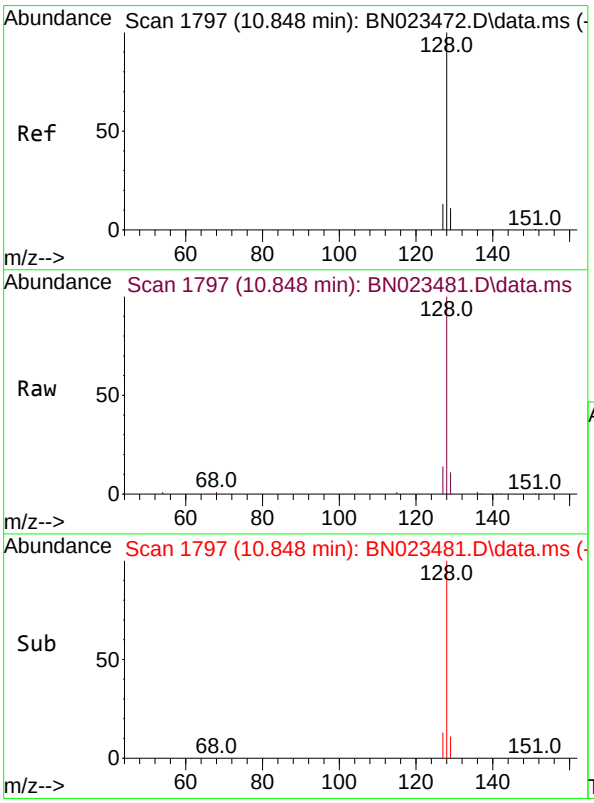
#2
1,4-Dioxane
Concen: 1.356 ng/ul
RT: 3.374 min Scan# 6
Delta R.T. -0.004 min
Lab File: BN023481.D
Acq: 26 Dec 2022 11:52

Instrument :
BNA_N
ClientSampleId :
SLCS682

Tgt Ion: 88 Resp: 10356

Ion	Ratio	Lower	Upper
88	100		
43	30.9	28.4	42.6
58	65.6	45.6	68.4

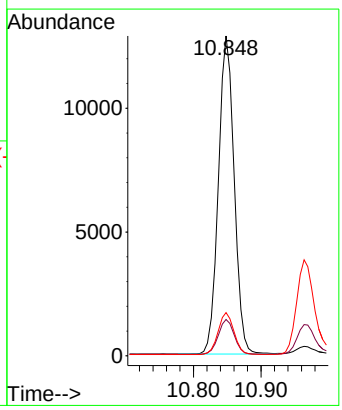


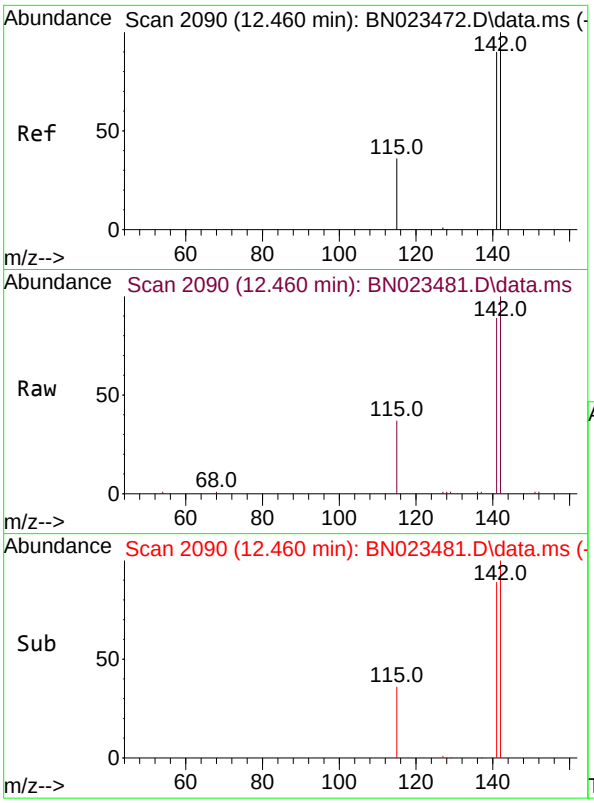


#5
Naphthalene
Concen: 0.316 ng/ul
RT: 10.848 min Scan# 1797
Delta R.T. -0.005 min
Lab File: BN023481.D
Acq: 26 Dec 2022 11:52

Tgt Ion:128 Resp: 20913

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.4
127	13.5	10.7	16.1



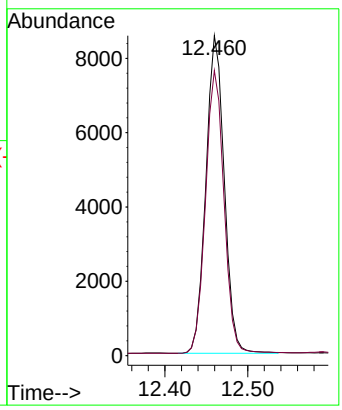


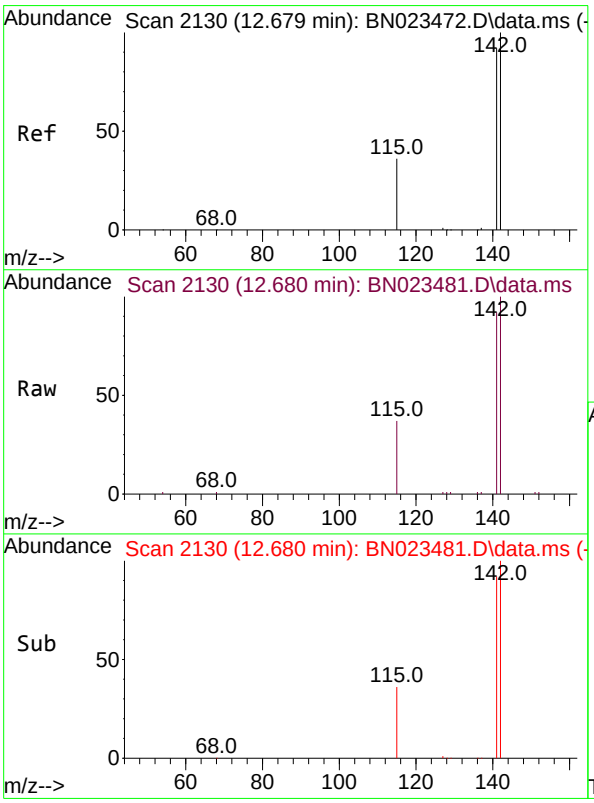
#7
2-Methylnaphthalene
Concen: 0.312 ng/ul
RT: 12.460 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN023481.D
Acq: 26 Dec 2022 11:52

Instrument :
BNA_N
ClientSampleId :
SLCS682

Tgt Ion:142 Resp: 13197

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.4	107.2

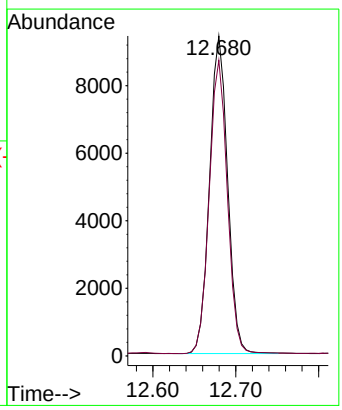


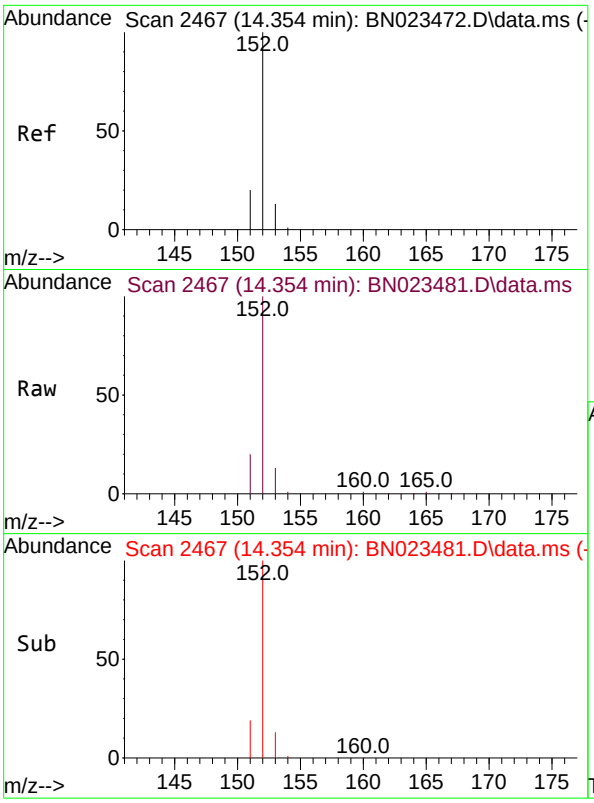


#8
1-Methylnaphthalene
Concen: 0.327 ng/ul
RT: 12.680 min Scan# 2130
Delta R.T. -0.005 min
Lab File: BN023481.D
Acq: 26 Dec 2022 11:52

Tgt Ion:142 Resp: 14260

Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.0	111.0



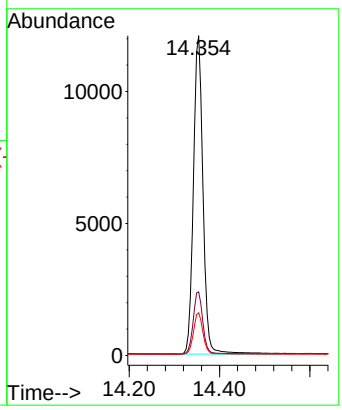


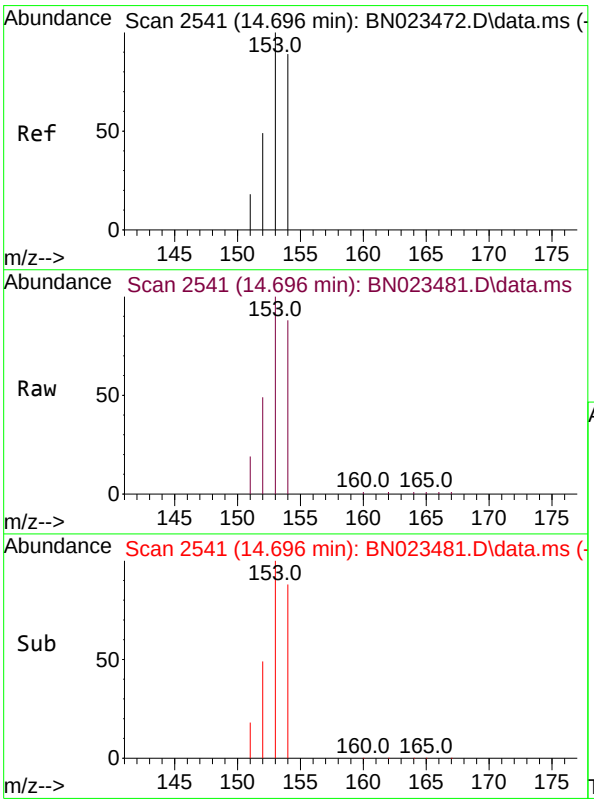
#10
Acenaphthylene
Concen: 0.320 ng/ul
RT: 14.354 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN023481.D
Acq: 26 Dec 2022 11:52

Instrument :
BNA_N
ClientSampleId :
SLCS682

Tgt Ion:152 Resp: 17803

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.1	24.1
153	13.4	10.9	16.3

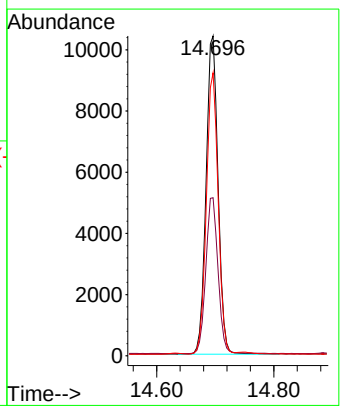


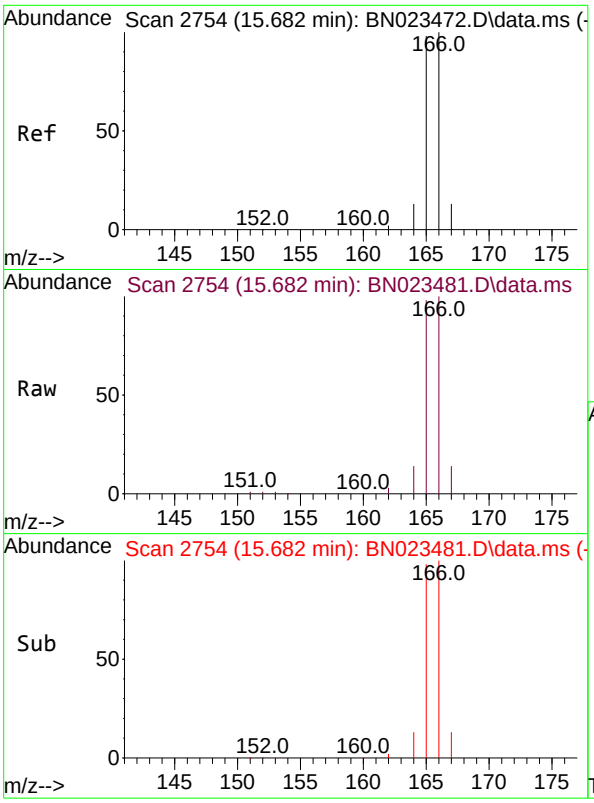


#11
Acenaphthene
Concen: 0.314 ng/ul
RT: 14.696 min Scan# 2541
Delta R.T. -0.004 min
Lab File: BN023481.D
Acq: 26 Dec 2022 11:52

Tgt Ion:153 Resp: 14709

Ion	Ratio	Lower	Upper
153	100		
152	49.4	41.0	61.4
154	88.5	69.5	104.3



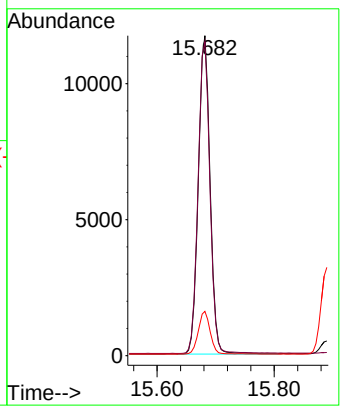


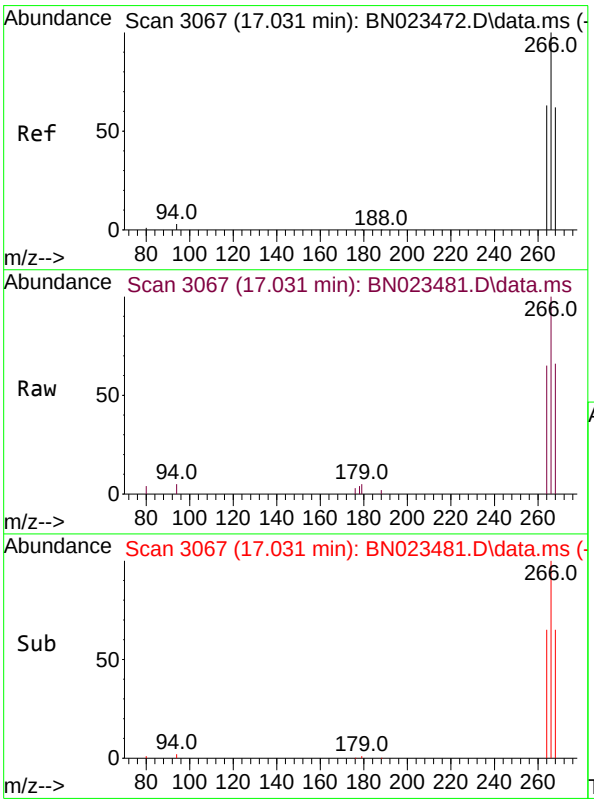
#12
Fluorene
Concen: 0.308 ng/ul
RT: 15.682 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN023481.D
Acq: 26 Dec 2022 11:52

Instrument :
BNA_N
ClientSampleId :
SLCS682

Tgt Ion:166 Resp: 16229

Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.1	118.7
167	13.8	11.0	16.4

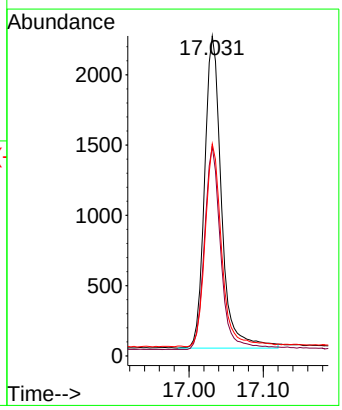


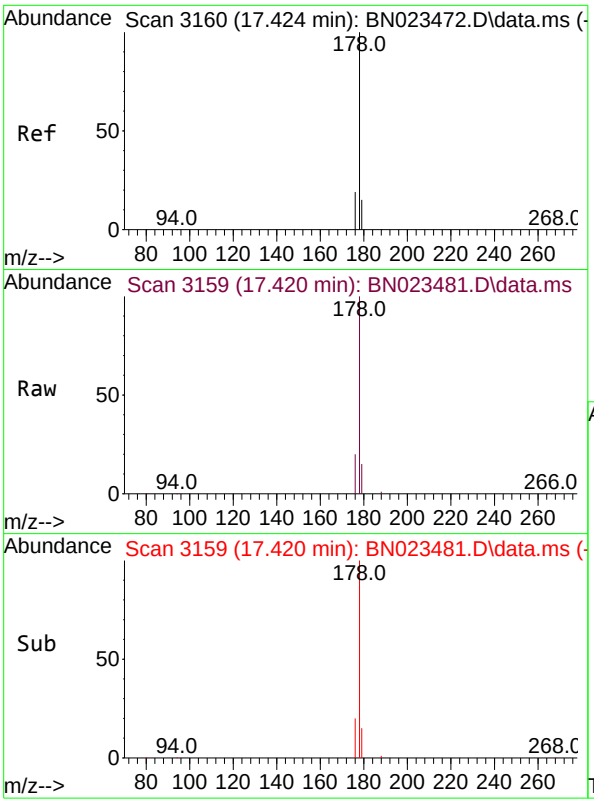


#14
Pentachlorophenol
Concen: 0.482 ng/ul
RT: 17.031 min Scan# 3067
Delta R.T. -0.008 min
Lab File: BN023481.D
Acq: 26 Dec 2022 11:52

Tgt Ion:266 Resp: 3502

Ion	Ratio	Lower	Upper
266	100		
264	63.0	49.8	74.6
268	63.8	51.4	77.0



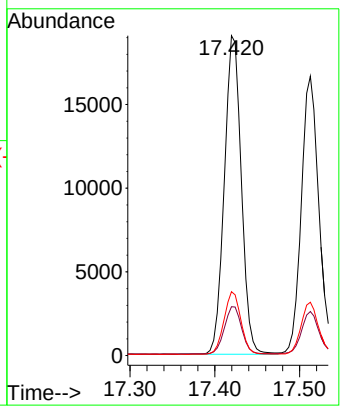


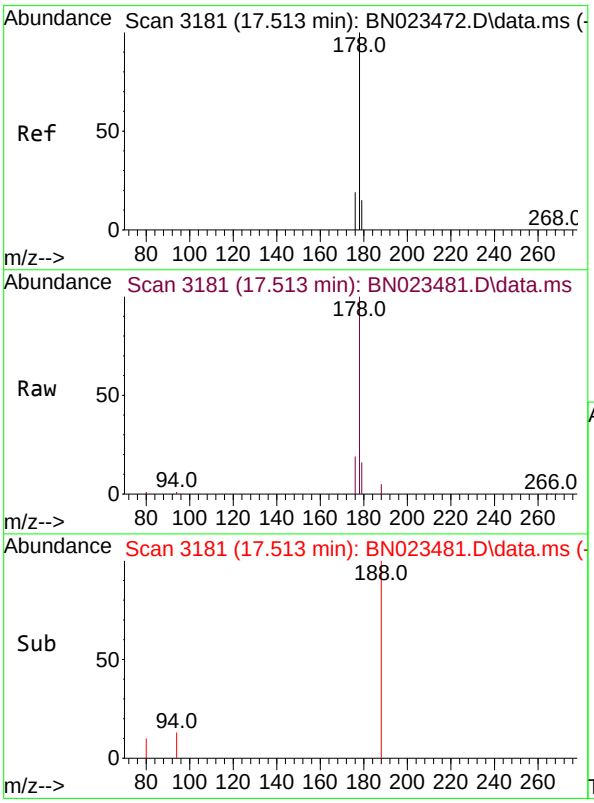
#15
Phenanthrene
Concen: 0.311 ng/ul
RT: 17.420 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN023481.D
Acq: 26 Dec 2022 11:52

Instrument :
BNA_N
ClientSampleId :
SLCS682

Tgt Ion:178 Resp: 26495

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.5	18.7
176	20.0	15.7	23.5

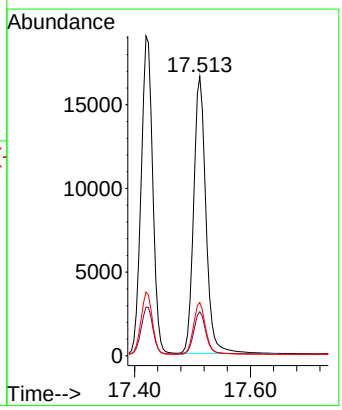


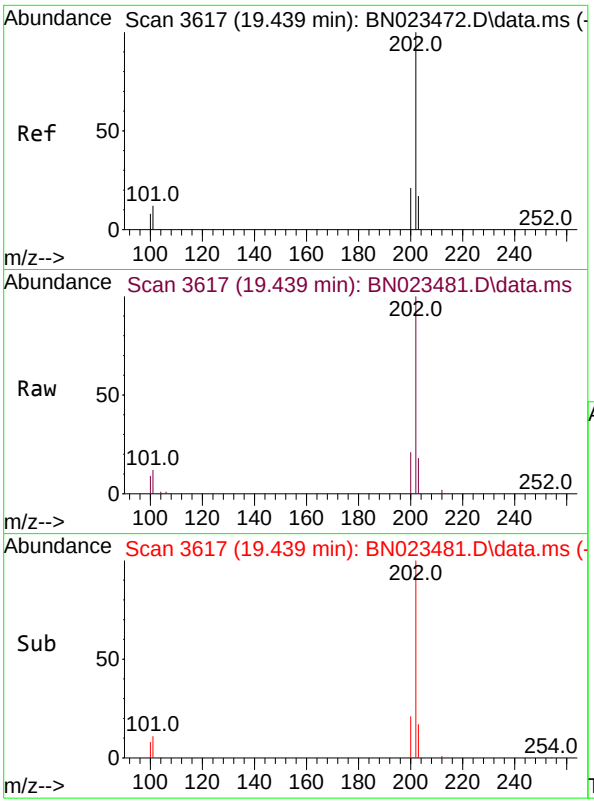


#16
Anthracene
Concen: 0.343 ng/ul
RT: 17.513 min Scan# 3181
Delta R.T. -0.008 min
Lab File: BN023481.D
Acq: 26 Dec 2022 11:52

Tgt Ion:178 Resp: 24283

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	18.8
176	19.1	15.4	23.0



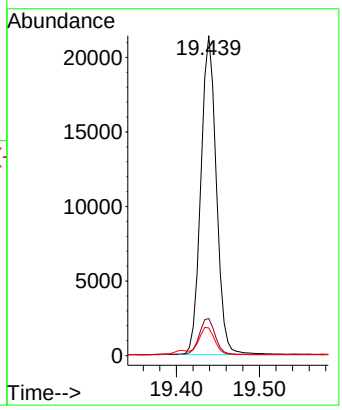


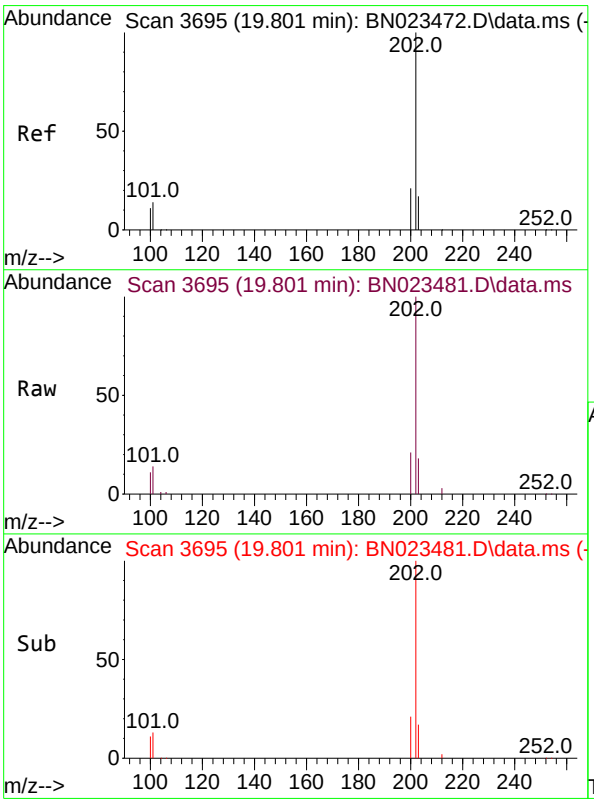
#19
Fluoranthene
Concen: 0.391 ng/ul
RT: 19.439 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN023481.D
Acq: 26 Dec 2022 11:52

Instrument :
BNA_N
ClientSampleId :
SLCS682

Tgt Ion:202 Resp: 27584

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.4	14.2
100	8.6	7.0	10.6

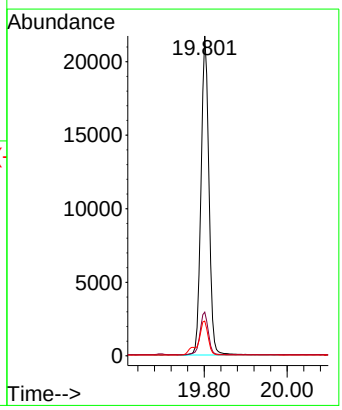


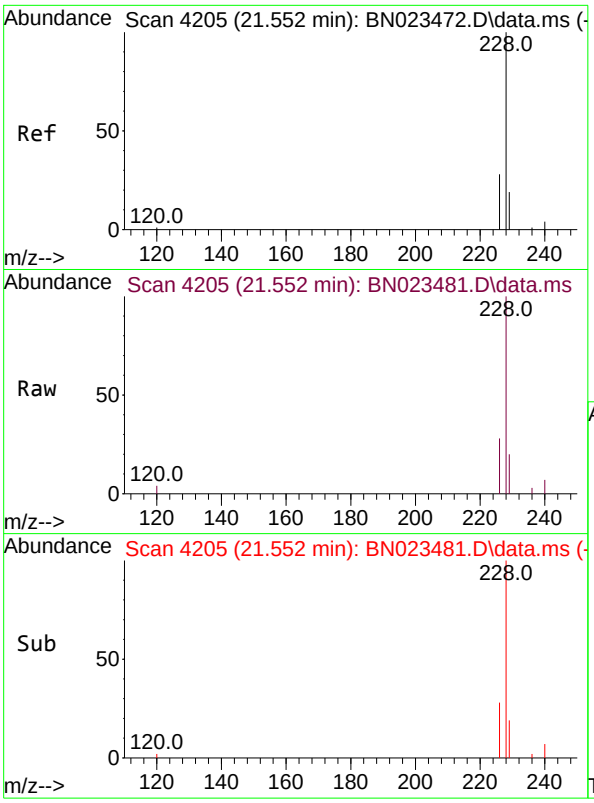


#20
Pyrene
Concen: 0.399 ng/ul
RT: 19.801 min Scan# 3695
Delta R.T. -0.004 min
Lab File: BN023481.D
Acq: 26 Dec 2022 11:52

Tgt Ion:202 Resp: 28432

Ion	Ratio	Lower	Upper
202	100		
101	13.7	11.3	16.9
100	10.9	9.0	13.4



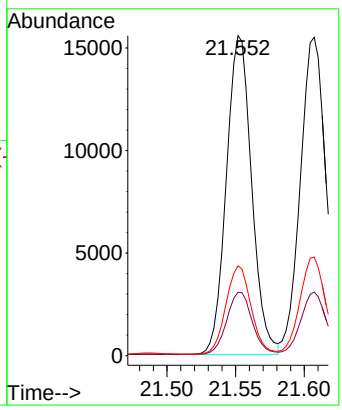


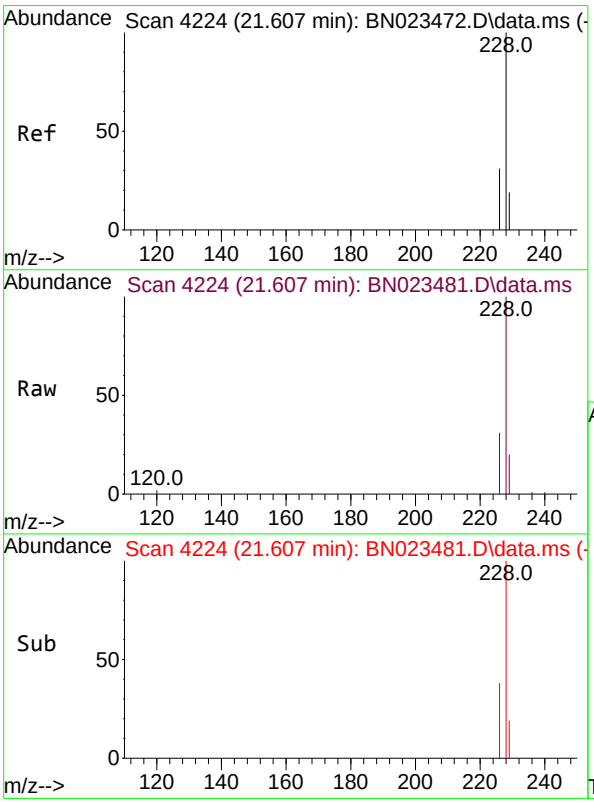
#21
Benzo(a)anthracene
Concen: 0.351 ng/ul
RT: 21.552 min Scan# 4
Delta R.T. -0.004 min
Lab File: BN023481.D
Acq: 26 Dec 2022 11:52

Instrument :
BNA_N
ClientSampleId :
SLCS682

Tgt Ion:228 Resp: 19880

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.6	23.4
226	28.1	22.2	33.2

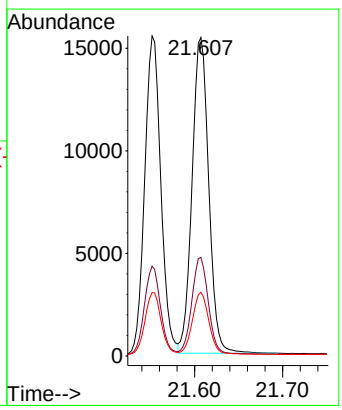


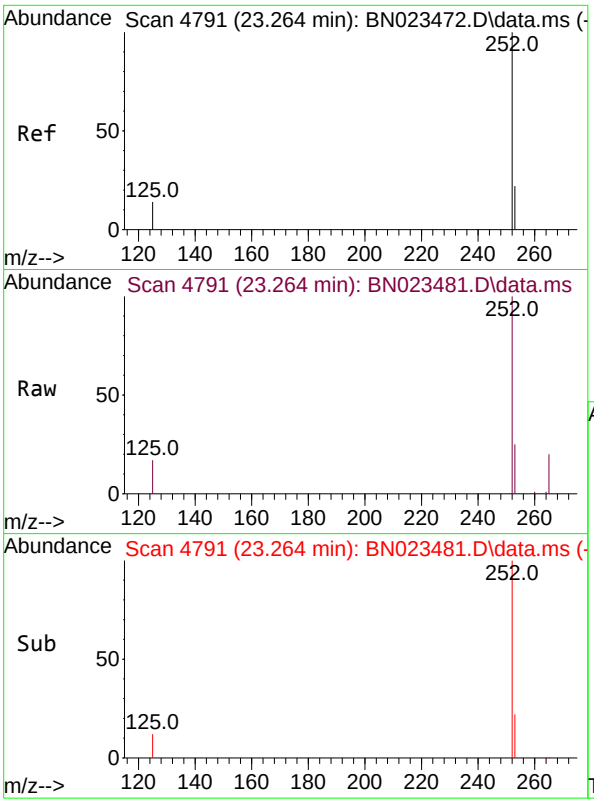


#22
Chrysene
Concen: 0.350 ng/ul
RT: 21.607 min Scan# 4224
Delta R.T. -0.004 min
Lab File: BN023481.D
Acq: 26 Dec 2022 11:52

Tgt Ion:228 Resp: 20181

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.3	36.5
229	20.0	15.8	23.6



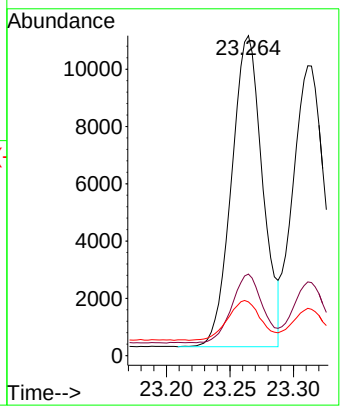


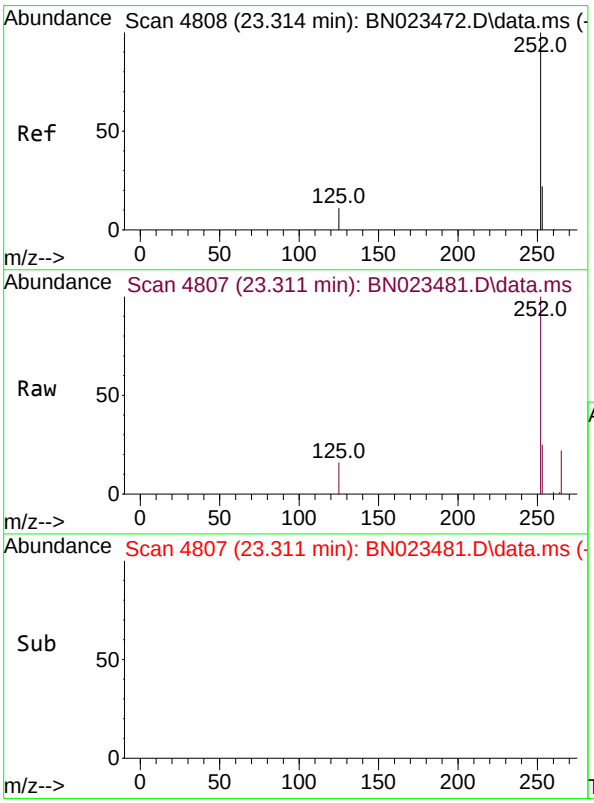
#24
Benzo(b)fluoranthene
Concen: 0.317 ng/ul
RT: 23.264 min Scan# 4
Delta R.T. -0.004 min
Lab File: BN023481.D
Acq: 26 Dec 2022 11:52

Instrument :
BNA_N
ClientSampleId :
SLCS682

Tgt Ion:252 Resp: 18438

Ion	Ratio	Lower	Upper
252	100		
253	25.5	0.0	49.2
125	16.8	0.0	31.8

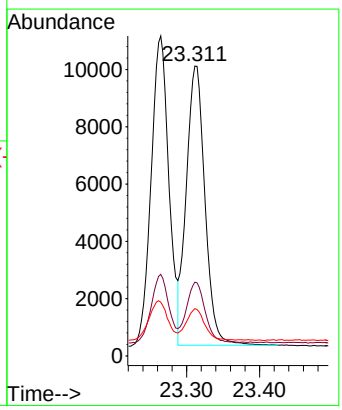


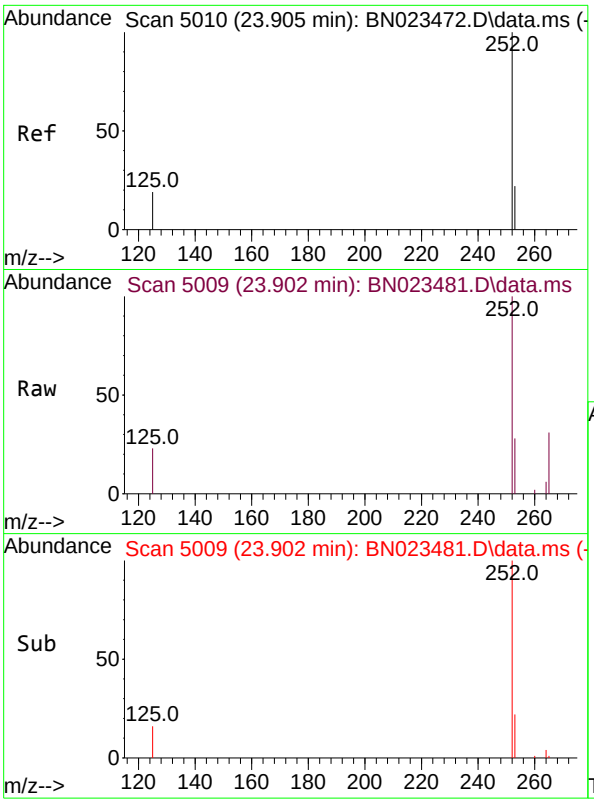


#25
Benzo(k)fluoranthene
Concen: 0.318 ng/ul
RT: 23.311 min Scan# 4807
Delta R.T. -0.007 min
Lab File: BN023481.D
Acq: 26 Dec 2022 11:52

Tgt Ion:252 Resp: 17341

Ion	Ratio	Lower	Upper
252	100		
253	25.4	19.8	29.6
125	16.3	12.6	18.8



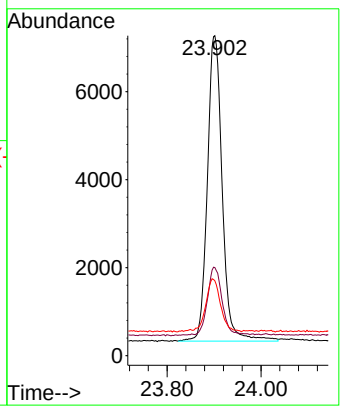


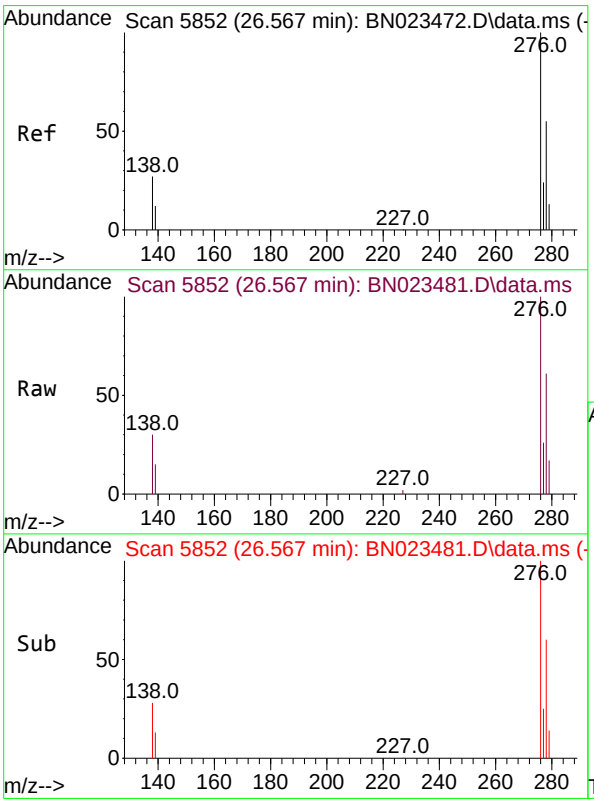
#26
Benzo(a)pyrene
Concen: 0.331 ng/ul
RT: 23.902 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN023481.D
Acq: 26 Dec 2022 11:52

Instrument :
BNA_N
ClientSampleId :
SLCS682

Tgt Ion:252 Resp: 15255

Ion	Ratio	Lower	Upper
252	100		
253	27.5	21.4	32.2
125	23.4	16.2	24.4

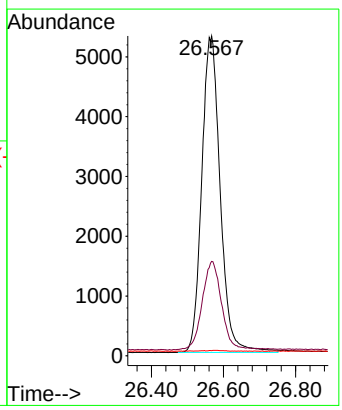


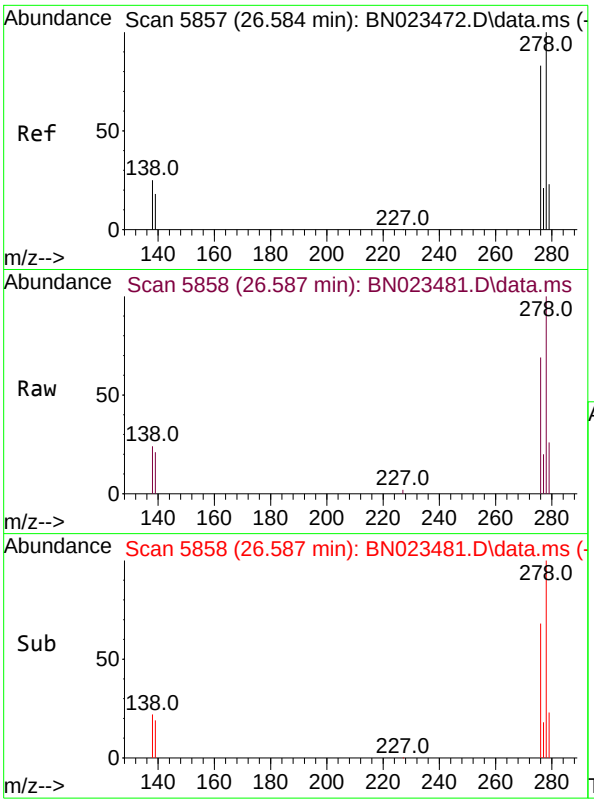


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.351 ng/ul
RT: 26.567 min Scan# 5852
Delta R.T. -0.008 min
Lab File: BN023481.D
Acq: 26 Dec 2022 11:52

Tgt Ion:276 Resp: 18854

Ion	Ratio	Lower	Upper
276	100		
138	29.9	23.4	35.2
227	0.2	0.0	0.0#



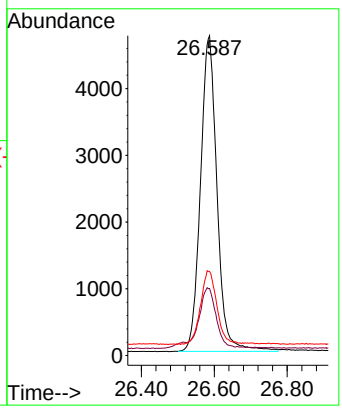


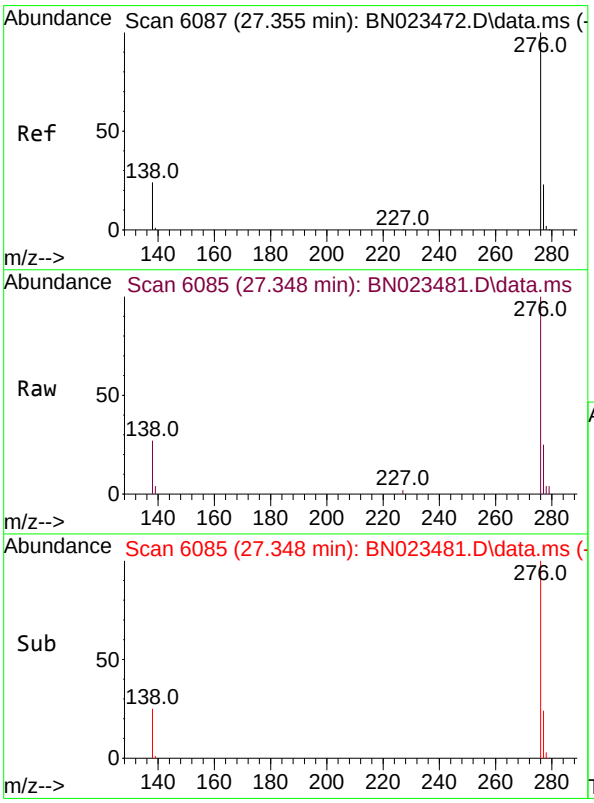
#28
Dibenzo(a,h)anthracene
Concen: 0.357 ng/ul
RT: 26.587 min Scan# 58
Delta R.T. -0.012 min
Lab File: BN023481.D
Acq: 26 Dec 2022 11:52

Instrument :
BNA_N
ClientSampleId :
SLCS682

Tgt Ion:278 Resp: 14882

Ion	Ratio	Lower	Upper
278	100		
139	21.0	16.6	24.8
279	26.3	21.3	31.9





#29
Benzo(g,h,i)perylene
Concen: 0.364 ng/ul
RT: 27.348 min Scan# 6085
Delta R.T. -0.018 min
Lab File: BN023481.D
Acq: 26 Dec 2022 11:52

Tgt Ion:276 Resp: 15929

Ion	Ratio	Lower	Upper
276	100		
138	27.0	20.3	30.5
277	25.2	19.7	29.5