Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071223\
Data File : BN026478.D
Acq On : 12 Jul 2023 17:21
Operator : MA/JU
Sample : SSTD0.816
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.8233

Quant Time: Jul 13 04:17:23 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 13 04:15:36 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	3316	0.400	ng/ul	0.00
4) Naphthalene-d8	10.803	136	10902	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.627	164	4203	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.373	188	8374	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.560	240	5483	0.400	ng/ul	# 0.00
23) Perylene-d12	23.998	264	5788	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	3074	0.236	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.393	152	11985	0.813	ng/ul	0.00
18) Fluoranthene-d10	19.397	212	16197	0.871	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.377	88	3021	0.361	ng/ul	92
5) Naphthalene	10.853	128	24018	0.807	ng/ul	98
7) 2-Methylnaphthalene	12.464	142	14018	0.810	ng/ul	100
8) 1-Methylnaphthalene	12.679	142	14951	0.800	ng/ul	99
10) Acenaphthylene	14.349	152	19047	0.951	ng/ul	98
11) Acenaphthene	14.687	153	13298	0.883	ng/ul	99
12) Fluorene	15.677	166	16648	1.063	ng/ul	99
14) Pentachlorophenol	17.040	266	1466	0.718	ng/ul	96
15) Phenanthrene	17.415	178	21461	0.817	ng/ul	99
16) Anthracene	17.508	178	18597	0.775	ng/ul	97
19) Fluoranthene	19.429	202	22631	0.936	ng/ul	97
20) Pyrene	19.792	202	23753	0.904	ng/ul#	93
21) Benzo(a)anthracene	21.546	228	16072	0.820	ng/ul	98
22) Chrysene	21.598	228	18750	0.857	ng/ul	99
24) Benzo(b)fluoranthene	23.253	252	19018	0.863	ng/ul	92
25) Benzo(k)fluoranthene	23.302	252	20303	0.895	ng/ul	92
26) Benzo(a)pyrene	23.896	252	16932	0.874	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.553	276	21094	0.862	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.567	278	16221	0.851	ng/ul#	89
29) Benzo(g,h,i)perylene	27.331	276	18807	0.857	ng/ul	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071223\
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Quant Time: Jul 13 04:17:23 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
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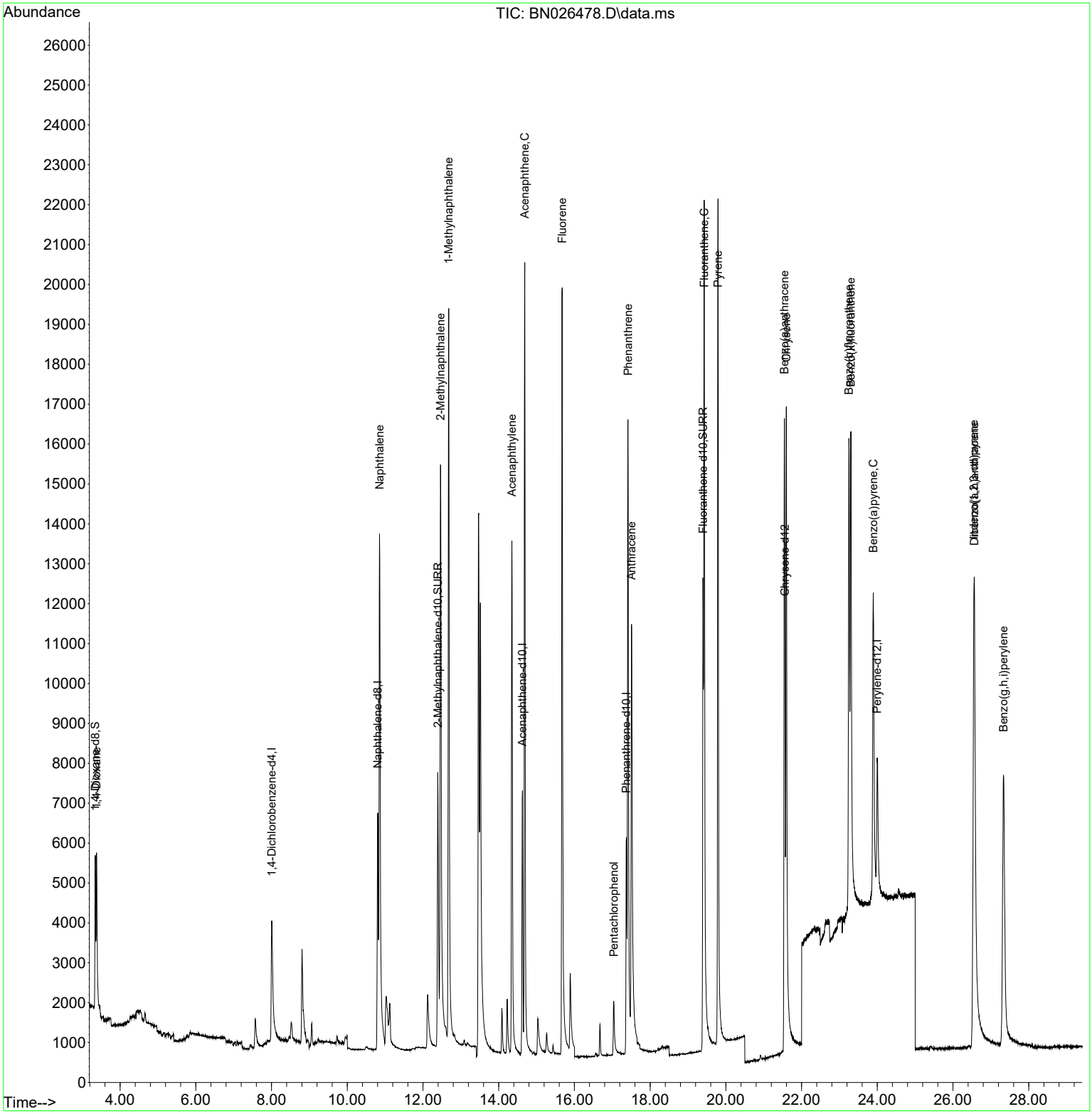
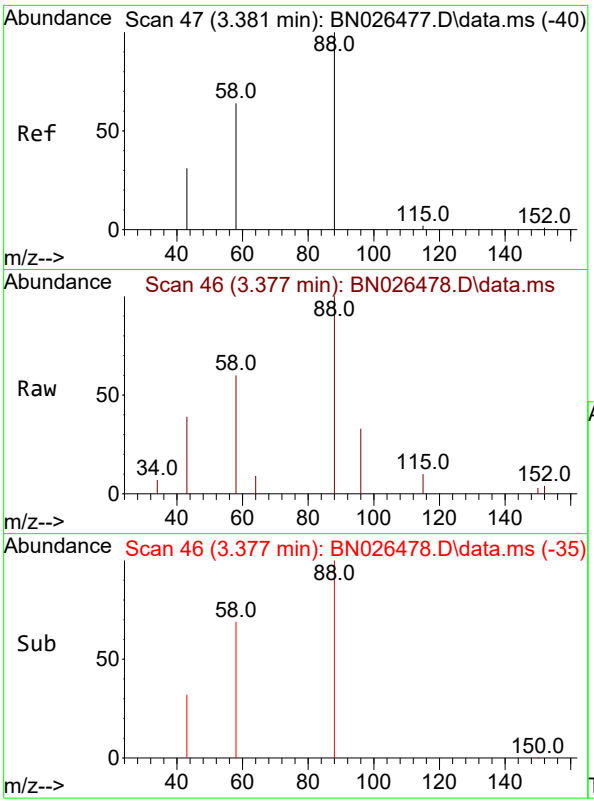


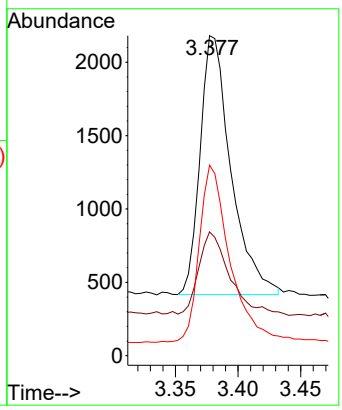


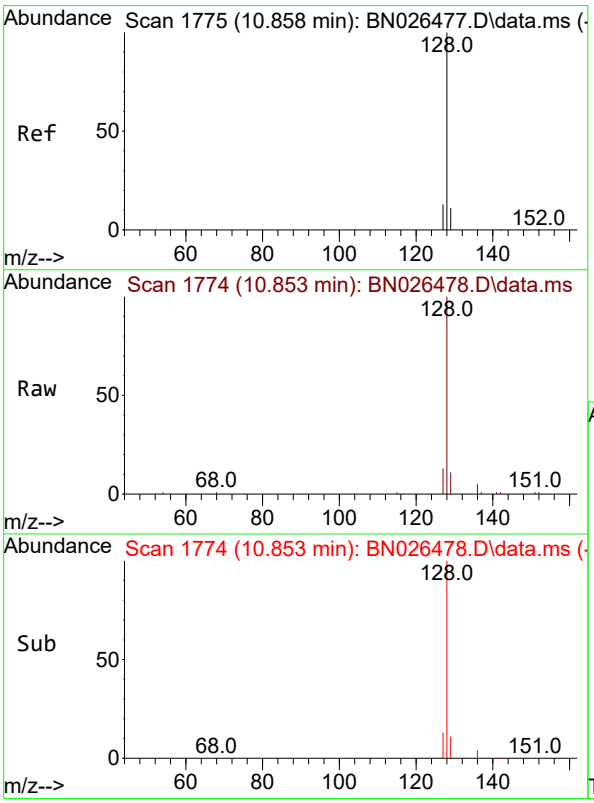
#2
1,4-Dioxane
Concen: 0.361 ng/ul
RT: 3.377 min Scan# 4
Delta R.T. -0.004 min
Lab File: BN026478.D
Acq: 12 Jul 2023 17:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.8233

Tgt Ion: 88 Resp: 3021

Ion	Ratio	Lower	Upper
88	100		
43	38.7	33.0	49.6
58	59.6	41.7	62.5

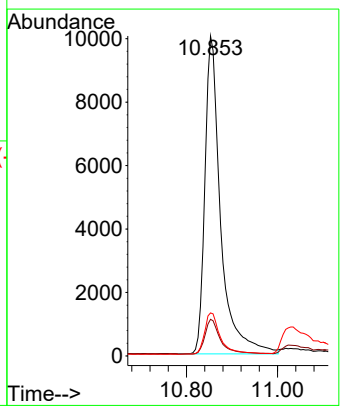


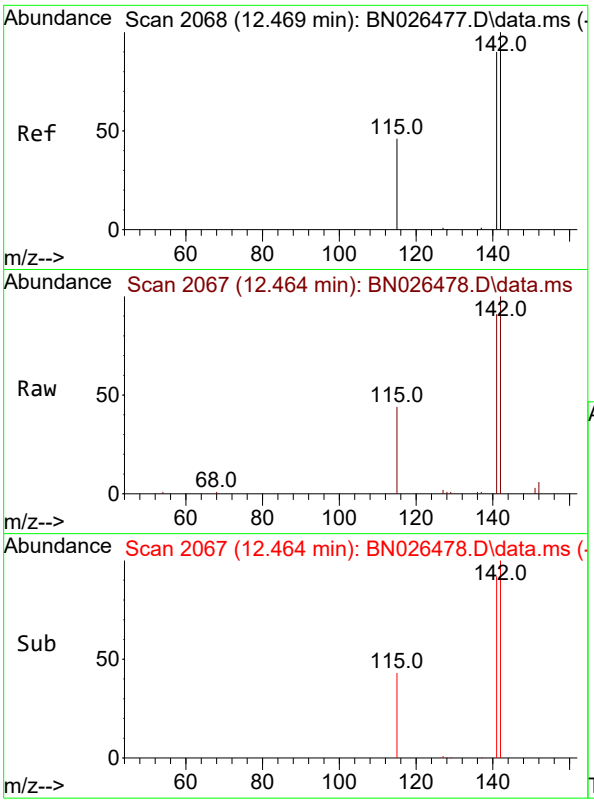


#5
Naphthalene
Concen: 0.807 ng/ul
RT: 10.853 min Scan# 1774
Delta R.T. -0.005 min
Lab File: BN026478.D
Acq: 12 Jul 2023 17:21

Tgt Ion:128 Resp: 24018

Ion	Ratio	Lower	Upper
128	100		
129	11.5	10.2	15.2
127	13.4	11.4	17.0



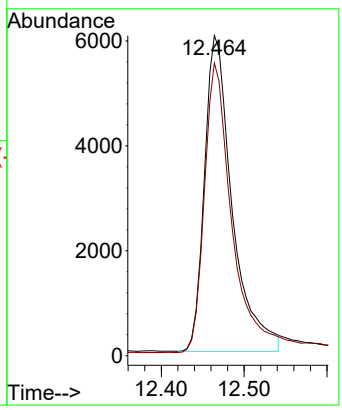


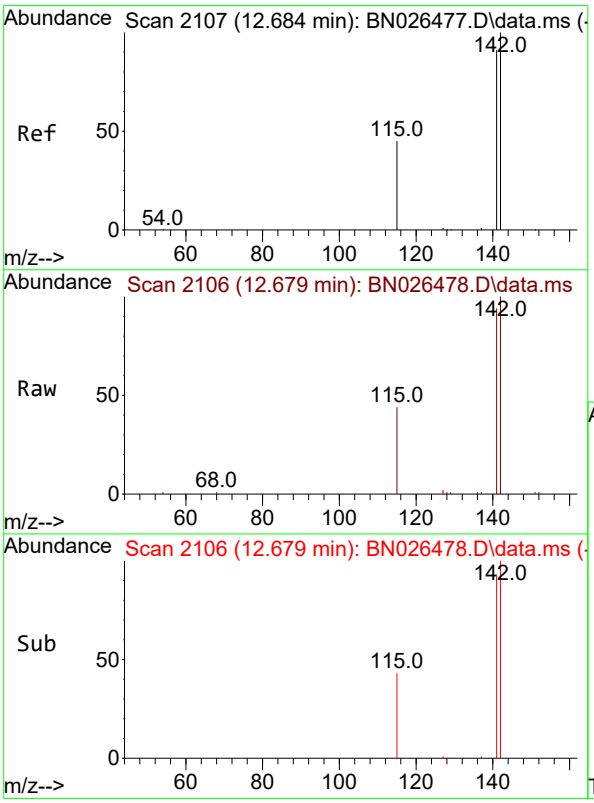
#7
2-Methylnaphthalene
Concen: 0.810 ng/ul
RT: 12.464 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN026478.D
Acq: 12 Jul 2023 17:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.8233

Tgt Ion:142 Resp: 14018

Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.3	108.5

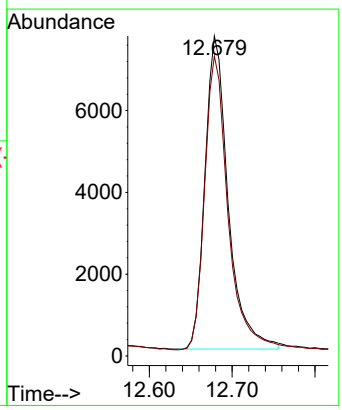


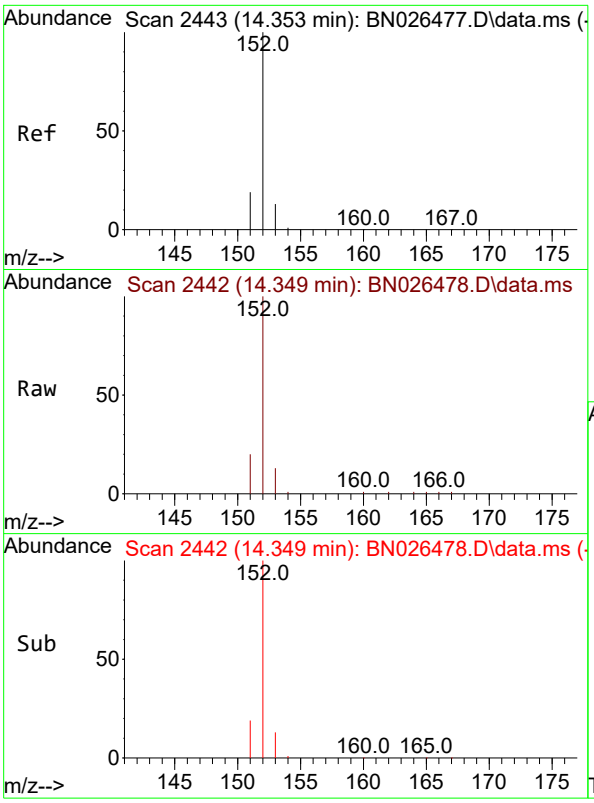


#8
1-Methylnaphthalene
Concen: 0.800 ng/ul
RT: 12.679 min Scan# 2106
Delta R.T. -0.005 min
Lab File: BN026478.D
Acq: 12 Jul 2023 17:21

Tgt Ion:142 Resp: 14951

Ion	Ratio	Lower	Upper
142	100		
141	94.3	74.5	111.7



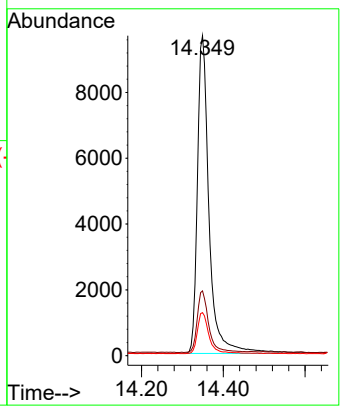


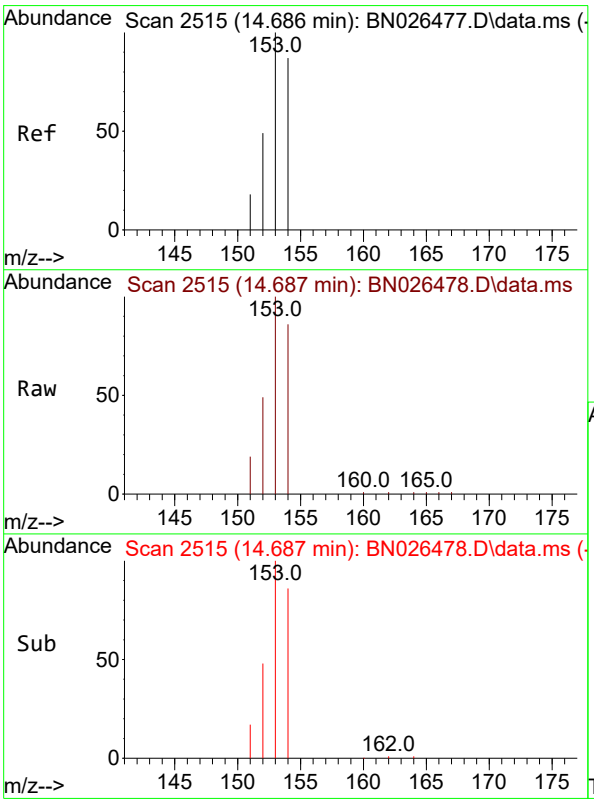
#10
Acenaphthylene
Concen: 0.951 ng/ul
RT: 14.349 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN026478.D
Acq: 12 Jul 2023 17:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.8233

Tgt Ion:152 Resp: 19047

Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.0	25.6
153	13.4	11.4	17.2

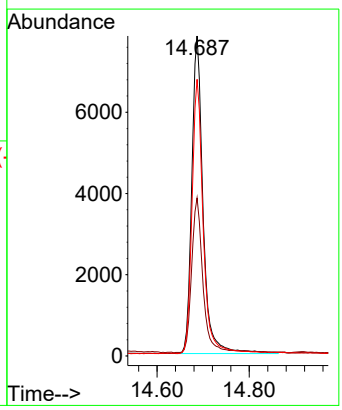


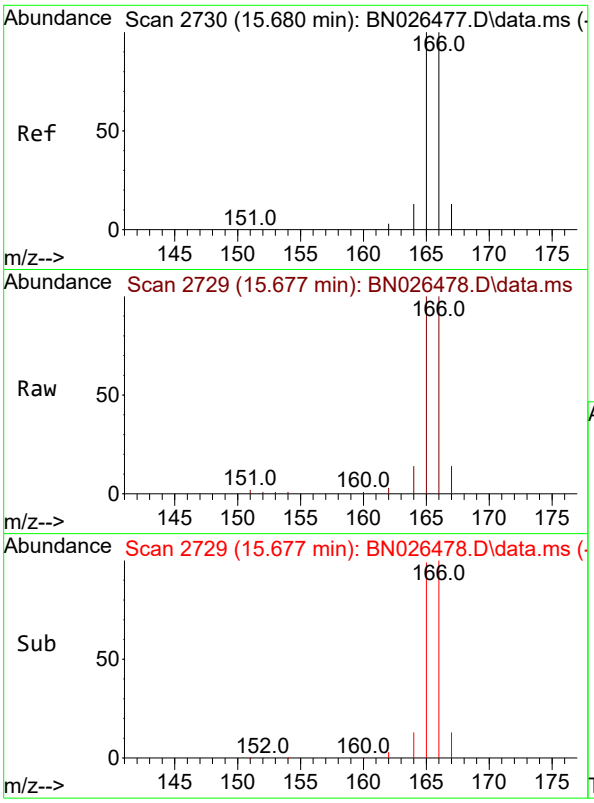


#11
Acenaphthene
Concen: 0.883 ng/ul
RT: 14.687 min Scan# 2515
Delta R.T. 0.001 min
Lab File: BN026478.D
Acq: 12 Jul 2023 17:21

Tgt Ion:153 Resp: 13298

Ion	Ratio	Lower	Upper
153	100		
152	49.4	40.2	60.4
154	86.5	69.3	103.9



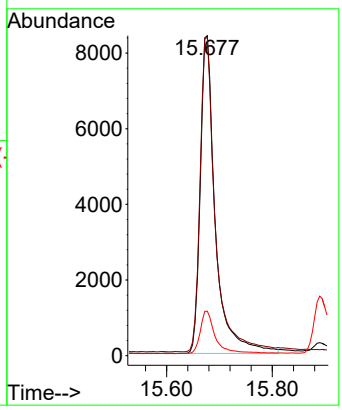


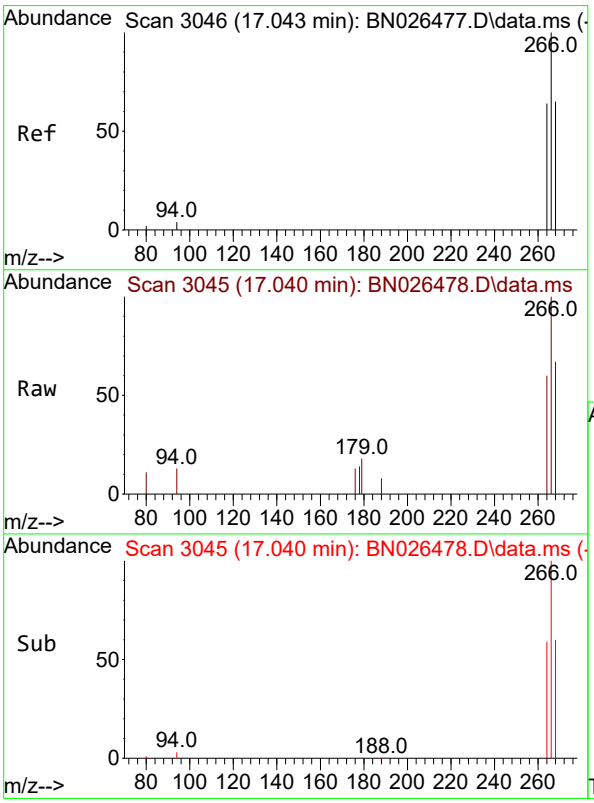
#12
Fluorene
Concen: 1.063 ng/ul
RT: 15.677 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN026478.D
Acq: 12 Jul 2023 17:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.8233

Tgt Ion:166 Resp: 16648

Ion	Ratio	Lower	Upper
166	100		
165	99.5	80.6	120.8
167	13.9	12.0	18.0

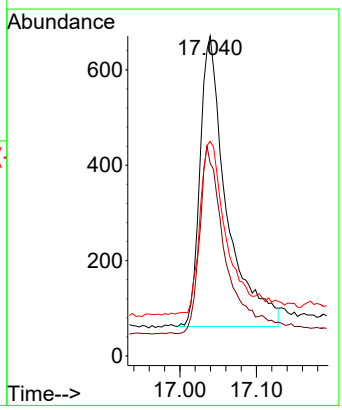


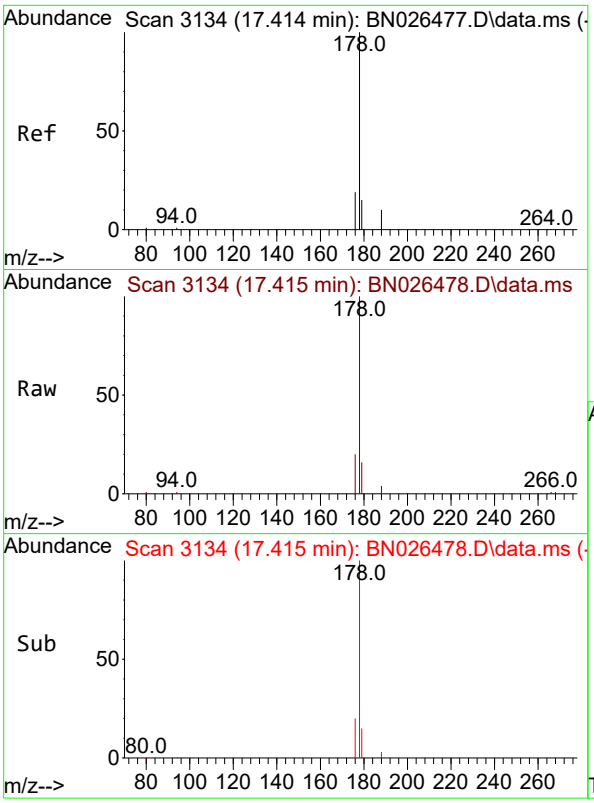


#14
Pentachlorophenol
Concen: 0.718 ng/ul
RT: 17.040 min Scan# 3045
Delta R.T. -0.003 min
Lab File: BN026478.D
Acq: 12 Jul 2023 17:21

Tgt Ion:266 Resp: 1466

Ion	Ratio	Lower	Upper
266	100		
264	62.5	52.0	78.0
268	62.8	53.0	79.6



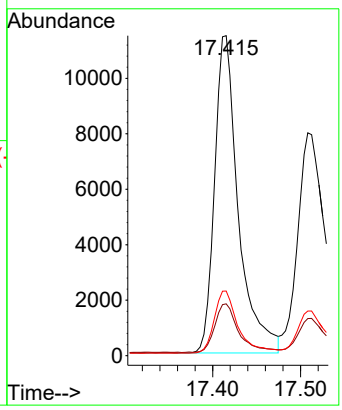


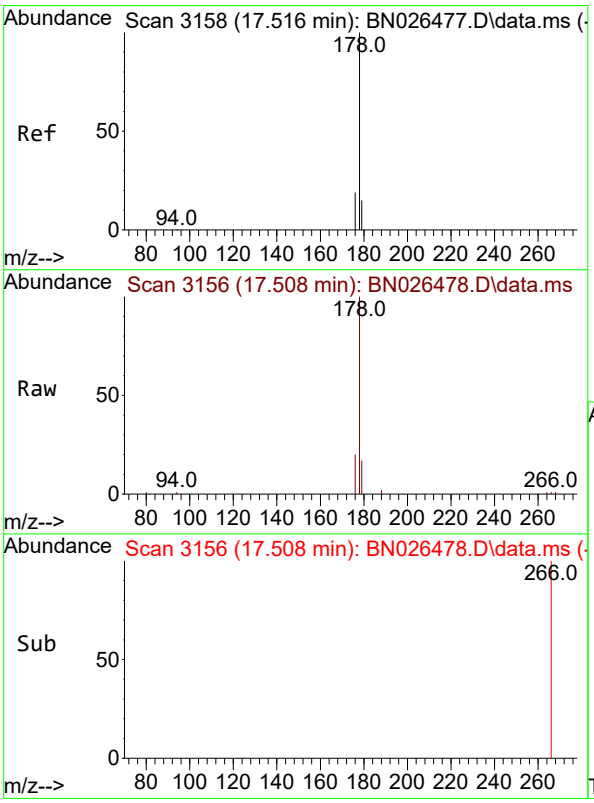
#15
Phenanthrene
Concen: 0.817 ng/ul
RT: 17.415 min Scan# 3
Delta R.T. 0.001 min
Lab File: BN026478.D
Acq: 12 Jul 2023 17:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.8233

Tgt Ion:178 Resp: 21461

Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.7	20.5
176	20.2	16.5	24.7

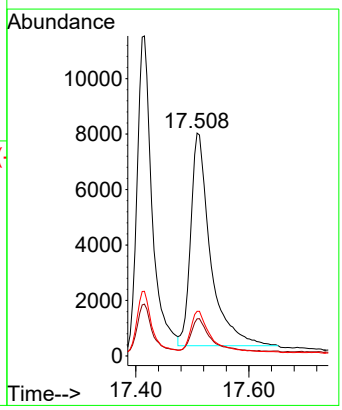


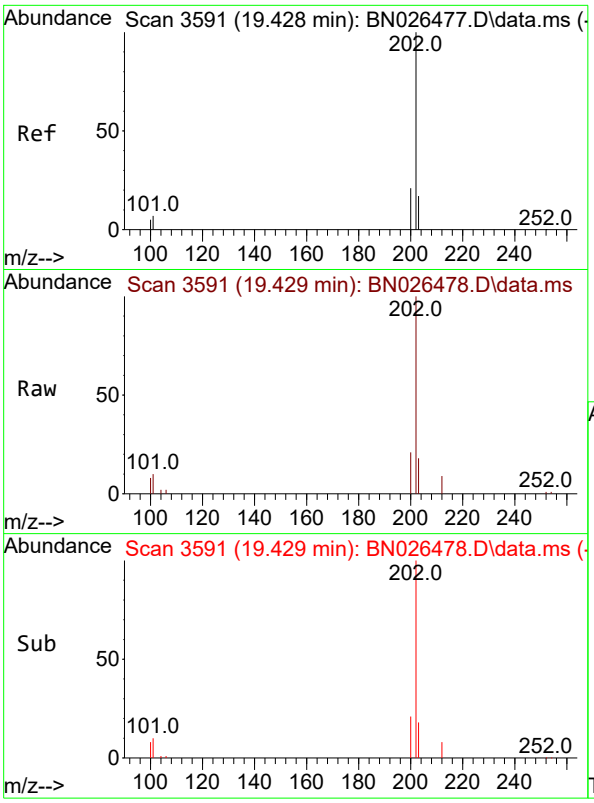


#16
Anthracene
Concen: 0.775 ng/ul
RT: 17.508 min Scan# 3156
Delta R.T. -0.007 min
Lab File: BN026478.D
Acq: 12 Jul 2023 17:21

Tgt Ion:178 Resp: 18597

Ion	Ratio	Lower	Upper
178	100		
179	16.7	14.8	22.2
176	20.0	16.6	25.0



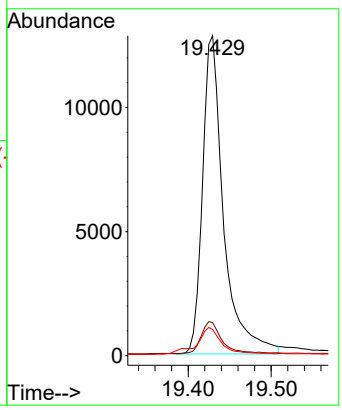


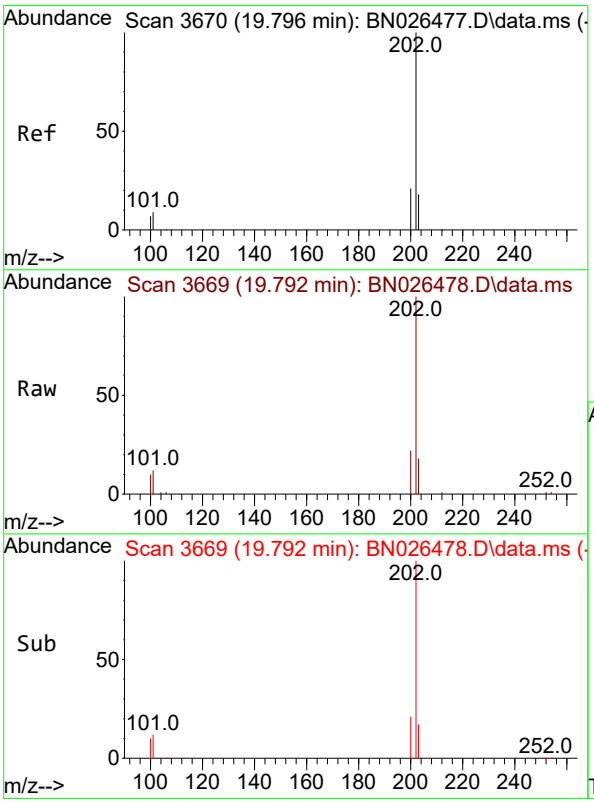
#19
Fluoranthene
Concen: 0.936 ng/ul
RT: 19.429 min Scan# 3
Delta R.T. 0.001 min
Lab File: BN026478.D
Acq: 12 Jul 2023 17:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.8233

Tgt Ion:202 Resp: 22631

Ion	Ratio	Lower	Upper
202	100		
101	10.3	7.0	10.4
100	8.2	6.0	9.0

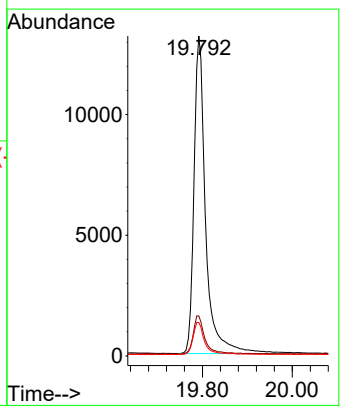


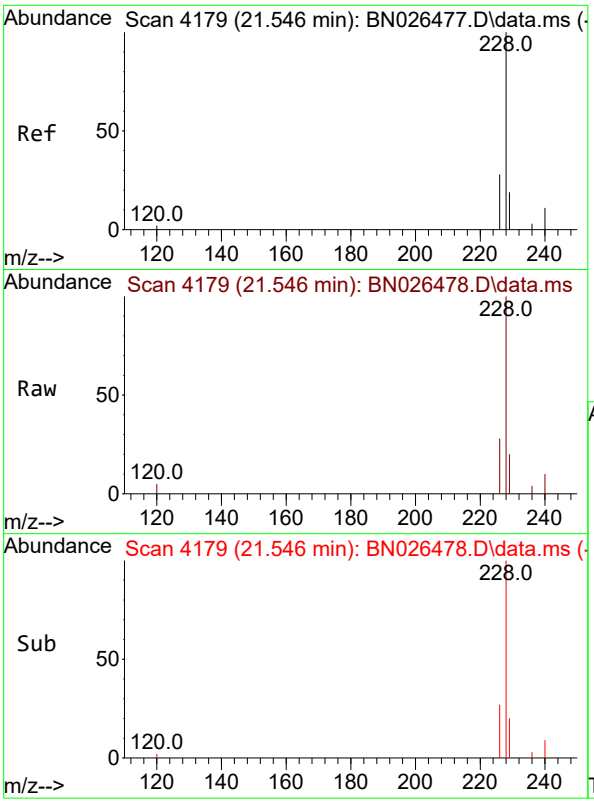


#20
Pyrene
Concen: 0.904 ng/ul
RT: 19.792 min Scan# 3669
Delta R.T. -0.004 min
Lab File: BN026478.D
Acq: 12 Jul 2023 17:21

Tgt Ion:202 Resp: 23753

Ion	Ratio	Lower	Upper
202	100		
101	12.5	8.0	12.0#
100	10.4	6.2	9.2#



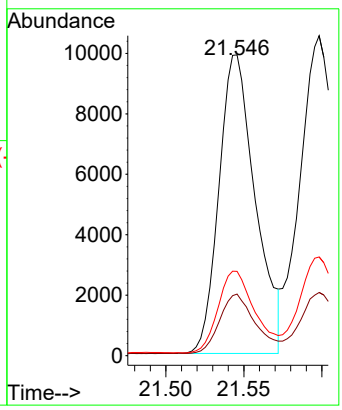


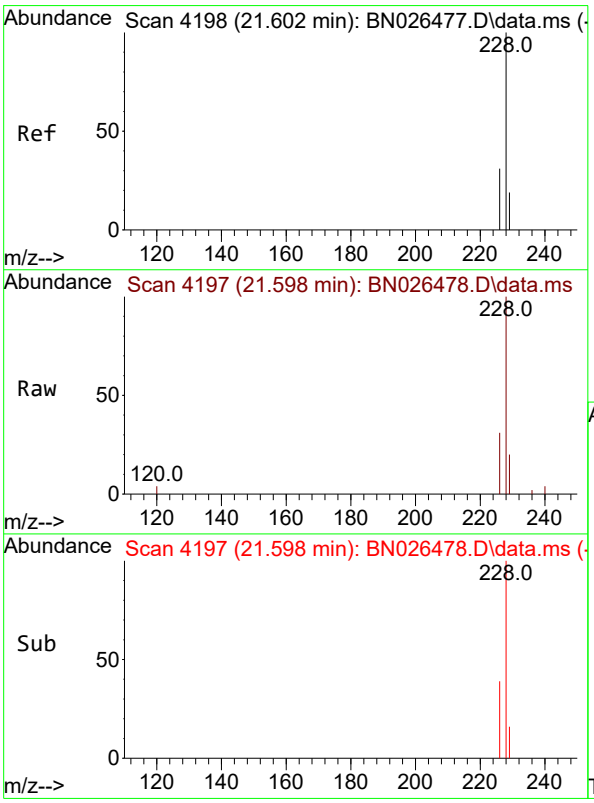
#21
Benzo(a)anthracene
Concen: 0.820 ng/ul
RT: 21.546 min Scan# 4
Delta R.T. -0.001 min
Lab File: BN026478.D
Acq: 12 Jul 2023 17:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.8233

Tgt Ion:228 Resp: 16072

Ion	Ratio	Lower	Upper
228	100		
229	20.5	16.7	25.1
226	28.0	23.5	35.3

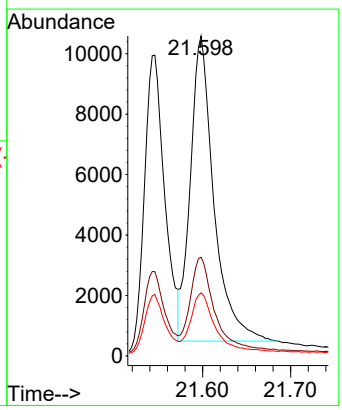


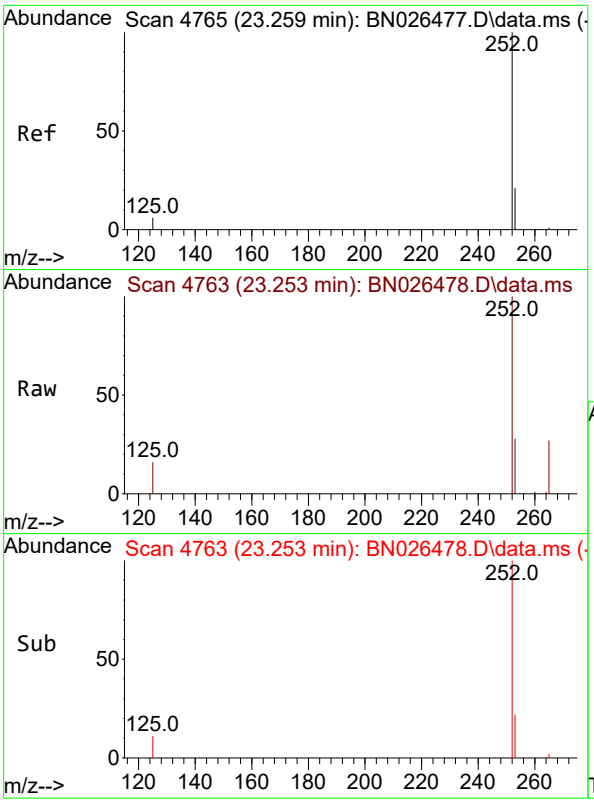


#22
Chrysene
Concen: 0.857 ng/ul
RT: 21.598 min Scan# 4197
Delta R.T. -0.004 min
Lab File: BN026478.D
Acq: 12 Jul 2023 17:21

Tgt Ion:228 Resp: 18750

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.2	37.8
229	19.7	16.4	24.6



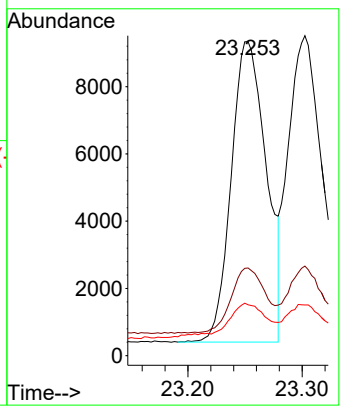


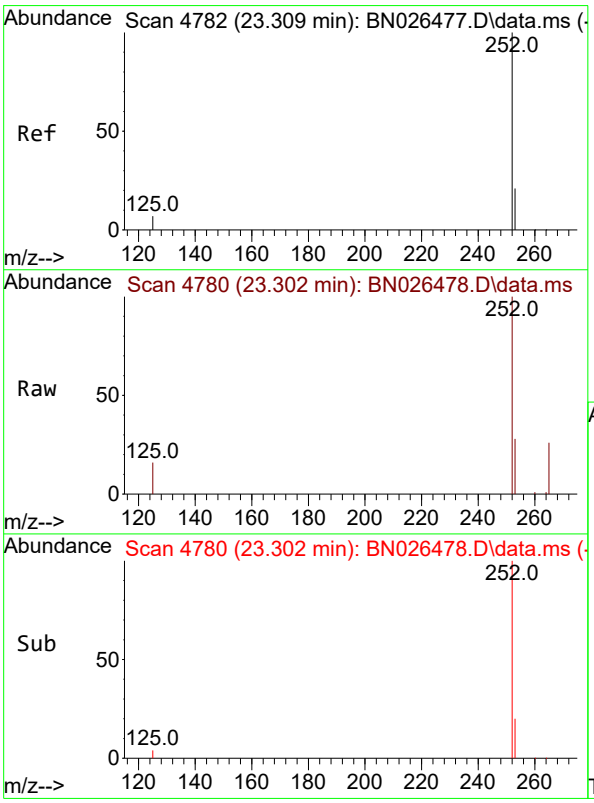
#24
Benzo(b)fluoranthene
Concen: 0.863 ng/ul
RT: 23.253 min Scan# 4
Delta R.T. -0.007 min
Lab File: BN026478.D
Acq: 12 Jul 2023 17:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.8233

Tgt Ion:252 Resp: 19018

Ion	Ratio	Lower	Upper
252	100		
253	27.9	0.0	68.6
125	16.2	0.0	34.0

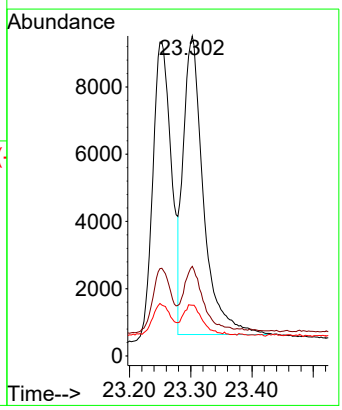


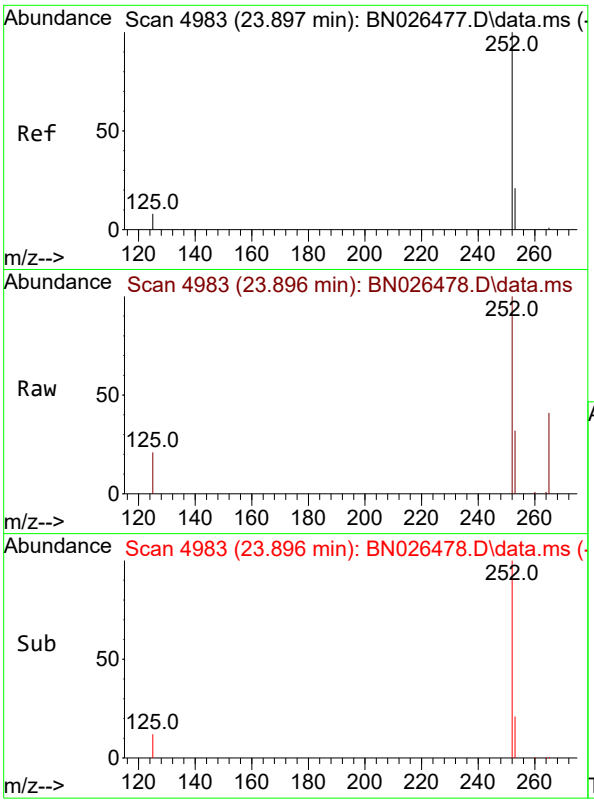


#25
Benzo(k)fluoranthene
Concen: 0.895 ng/ul
RT: 23.302 min Scan# 4780
Delta R.T. -0.007 min
Lab File: BN026478.D
Acq: 12 Jul 2023 17:21

Tgt Ion:252 Resp: 20303

Ion	Ratio	Lower	Upper
252	100		
253	28.0	27.2	40.8
125	15.8	13.4	20.2



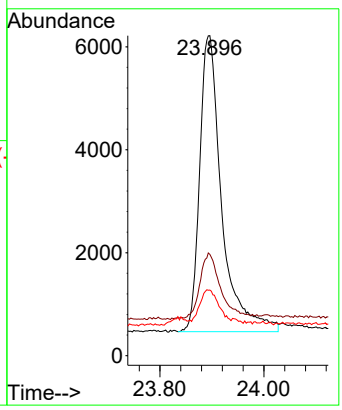


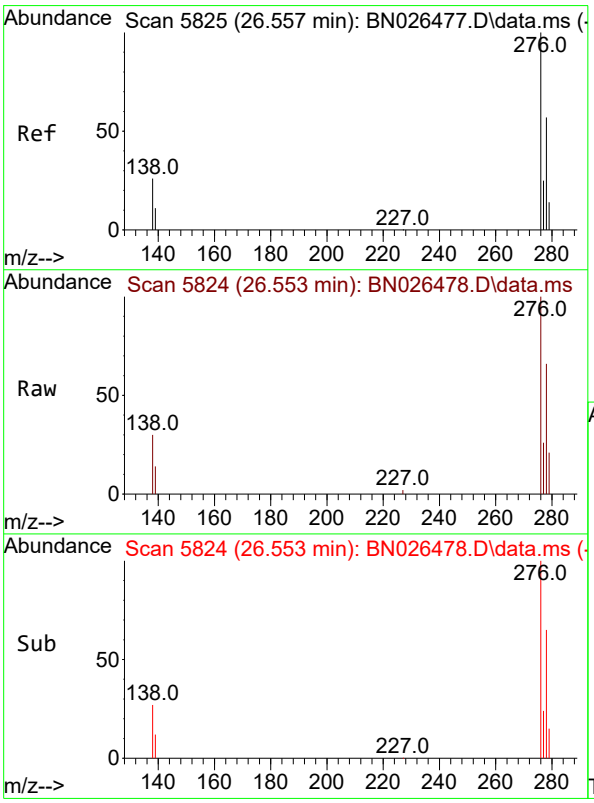
#26
Benzo(a)pyrene
Concen: 0.874 ng/ul
RT: 23.896 min Scan# 4
Delta R.T. -0.001 min
Lab File: BN026478.D
Acq: 12 Jul 2023 17:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.8233

Tgt Ion:252 Resp: 16932

Ion	Ratio	Lower	Upper
252	100		
253	31.7	32.6	49.0#
125	20.5	19.3	28.9

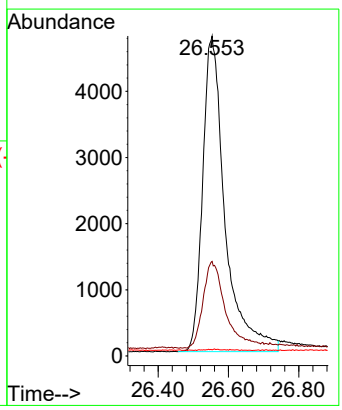


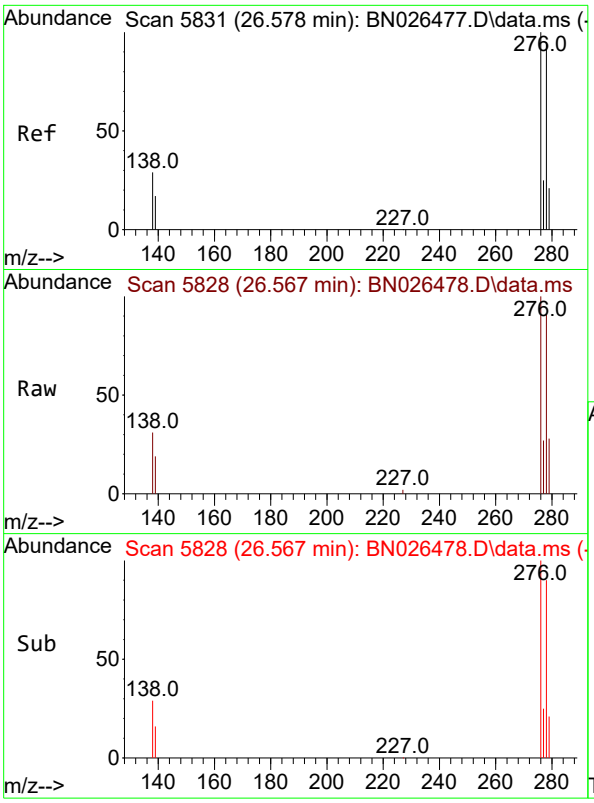


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.862 ng/ul
RT: 26.553 min Scan# 5824
Delta R.T. -0.004 min
Lab File: BN026478.D
Acq: 12 Jul 2023 17:21

Tgt Ion:276 Resp: 21094

Ion	Ratio	Lower	Upper
276	100		
138	28.2	22.2	33.4
227	0.2	0.1	0.1#



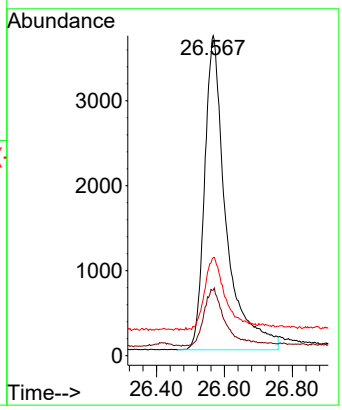


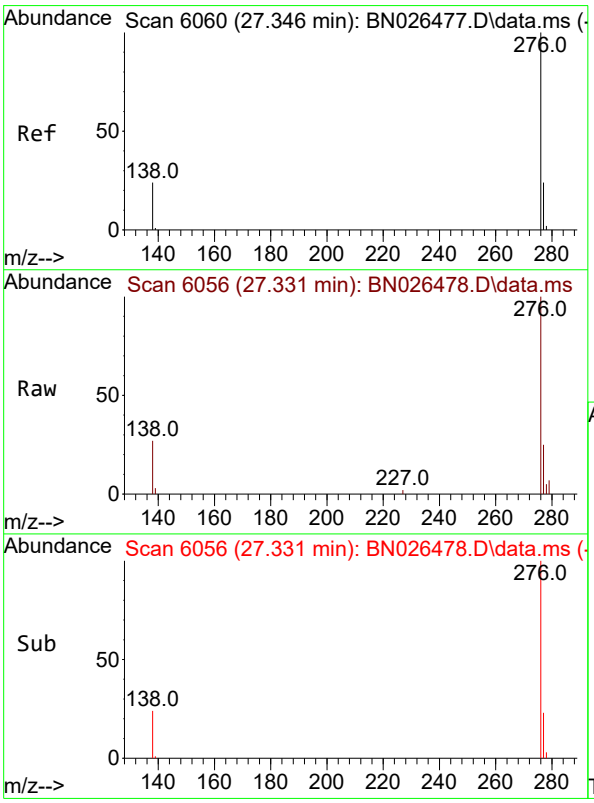
#28
Dibenzo(a,h)anthracene
Concen: 0.851 ng/ul
RT: 26.567 min Scan# 5
Delta R.T. -0.011 min
Lab File: BN026478.D
Acq: 12 Jul 2023 17:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.8233

Tgt Ion:278 Resp: 16221

Ion	Ratio	Lower	Upper
278	100		
139	20.4	18.9	28.3
279	30.7	31.3	46.9#





#29
Benzo(g,h,i)perylene
Concen: 0.857 ng/ul
RT: 27.331 min Scan# 6056
Delta R.T. -0.014 min
Lab File: BN026478.D
Acq: 12 Jul 2023 17:21

Tgt Ion:276 Resp: 18807

Ion	Ratio	Lower	Upper
276	100		
138	26.5	22.6	34.0
277	25.2	21.8	32.8