Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071123\
Data File : BN026468.D
Acq On : 11 Jul 2023 18:22
Operator : MA/JU
Sample : 03414-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 12 02:13:02 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 09 15:51:14 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	4283	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.719	136	11825	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.556	164	8087	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.308	188	23771	0.400	ng/ul	-0.02
17) Chrysene-d12	21.511	240	12542	0.400	ng/ul	# 0.00
23) Perylene-d12	23.948	264	18366	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	4027	0.835	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.314	152	1115	0.061	ng/ul	-0.02
18) Fluoranthene-d10	19.339	212	2733	0.057	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	307	0.060	ng/ul#	1
5) Naphthalene	10.769	128	211522	6.241	ng/ul	99
7) 2-Methylnaphthalene	12.386	142	41942	1.943	ng/ul	100
8) 1-Methylnaphthalene	12.606	142	29458	1.317	ng/ul	100
10) Acenaphthylene	14.278	152	24828	0.656	ng/ul#	95
11) Acenaphthene	14.621	153	490308	15.828	ng/ul	98
12) Fluorene	15.606	166	298280	8.399	ng/ul	100
15) Phenanthrene	17.355	178	3762887	47.924	ng/ul	100
16) Anthracene	17.444	178	633688	9.080	ng/ul	100
19) Fluoranthene	19.377	202	4830952	72.115	ng/ul#	92
20) Pyrene	19.739	202	4516183	64.816	ng/ul	94
21) Benzo(a)anthracene	21.493	228	2049501	39.612	ng/ul	97
22) Chrysene	21.549	228	2135140	39.660	ng/ul	97
24) Benzo(b)fluoranthene	23.209	252	3146114	40.135	ng/ul	88
25) Benzo(k)fluoranthene	23.209	252	2656207	33.744	ng/ul#	87
26) Benzo(a)pyrene	23.843	252	1517651	22.291	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.490	276	1006908	13.540	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.493	278	269328	4.785	ng/ul	94
29) Benzo(g,h,i)perylene	27.274	276	150642	2.277	ng/ul	95

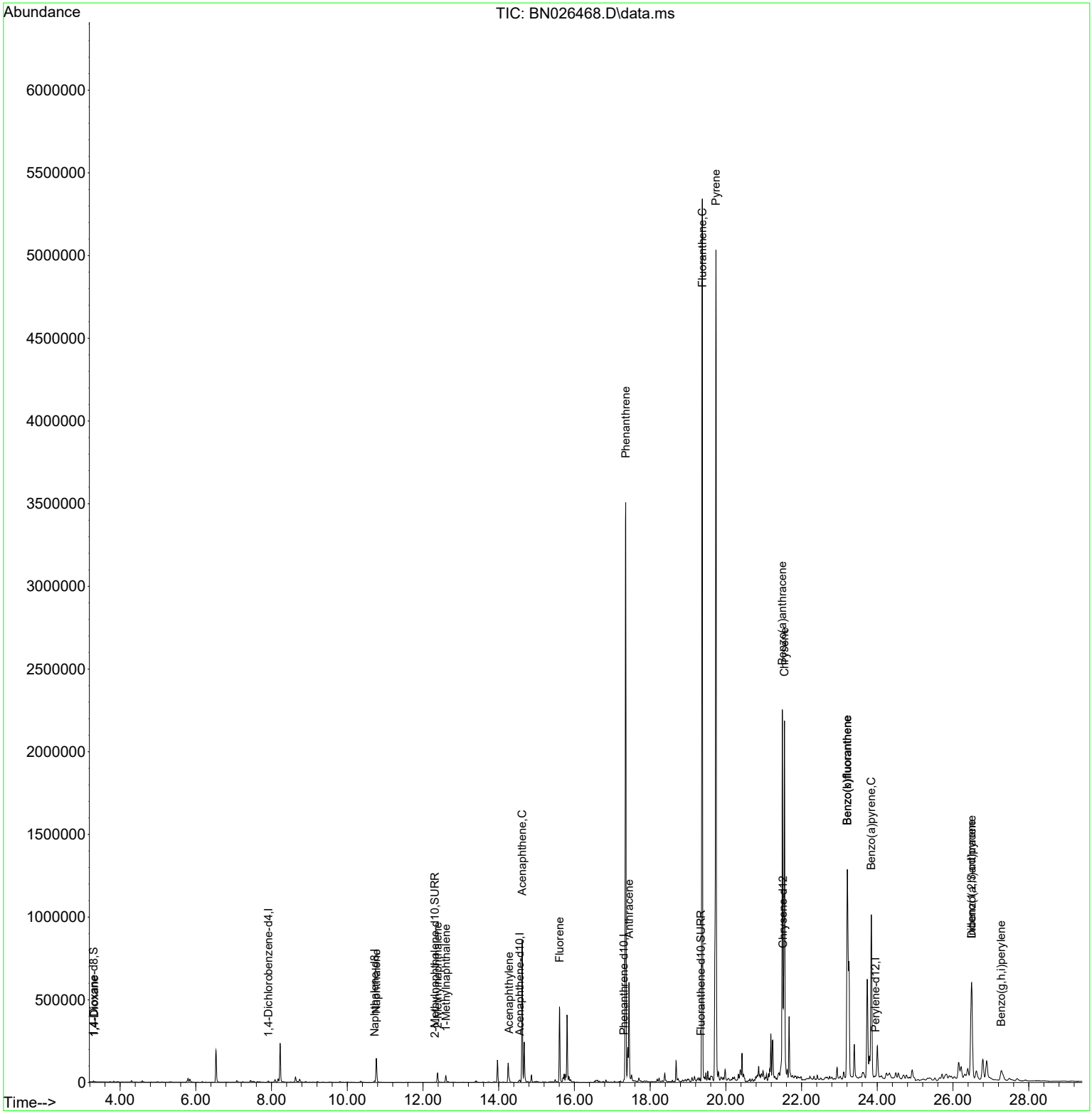
(#) = qualifier out of range (m) = manual integration (+) = signals summed

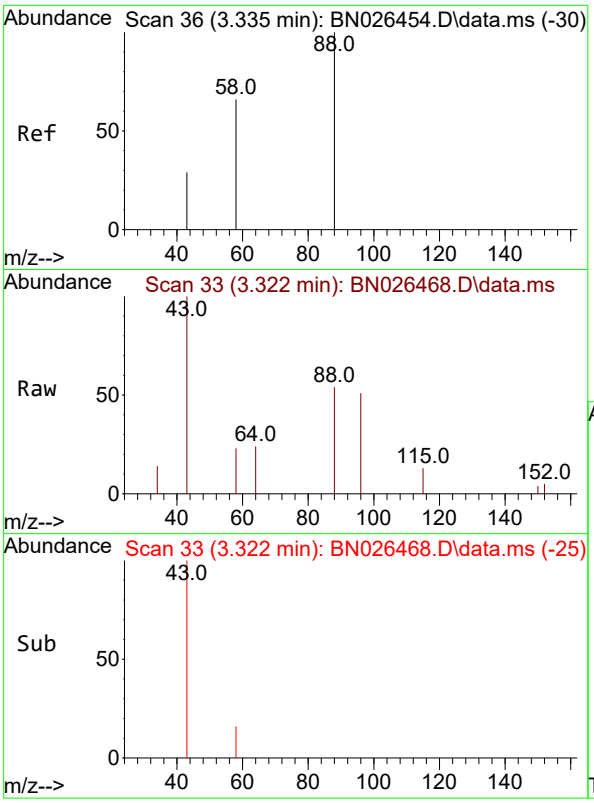
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071123\
Data File : BN026468.D
Acq On : 11 Jul 2023 18:22
Operator : MA/JU
Sample : 03414-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 12 02:13:02 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 09 15:51:14 2023
Response via : Initial Calibration



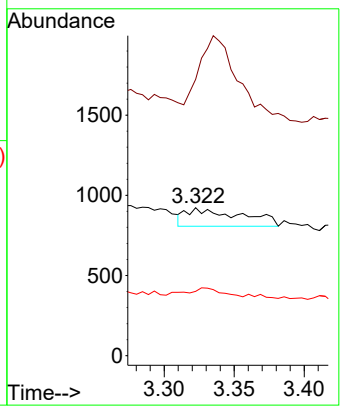


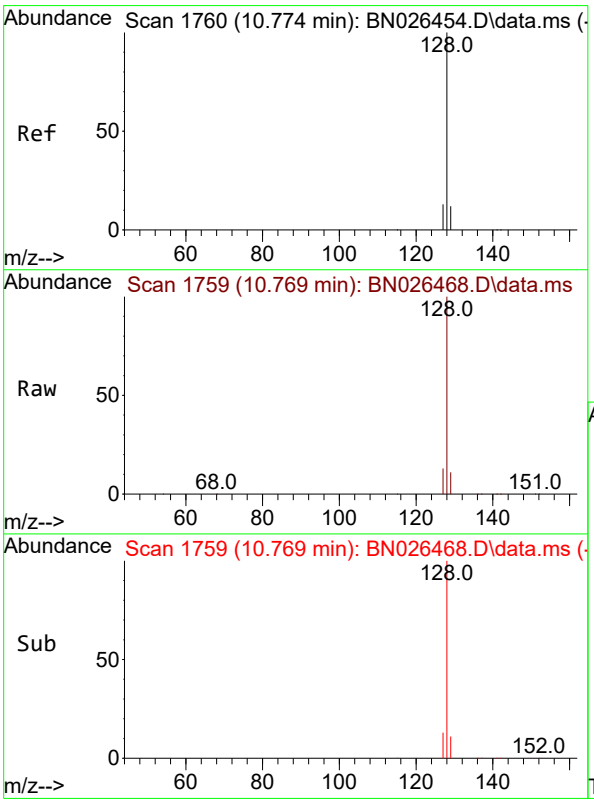
#2
1,4-Dioxane
Concen: 0.060 ng/ul
RT: 3.322 min Scan# 3
Delta R.T. -0.017 min
Lab File: BN026468.D
Acq: 11 Jul 2023 18:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 307

Ion	Ratio	Lower	Upper
88	100		
43	186.8	29.5	44.3#
58	43.4	37.4	56.2

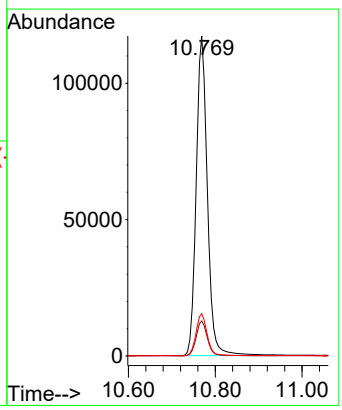


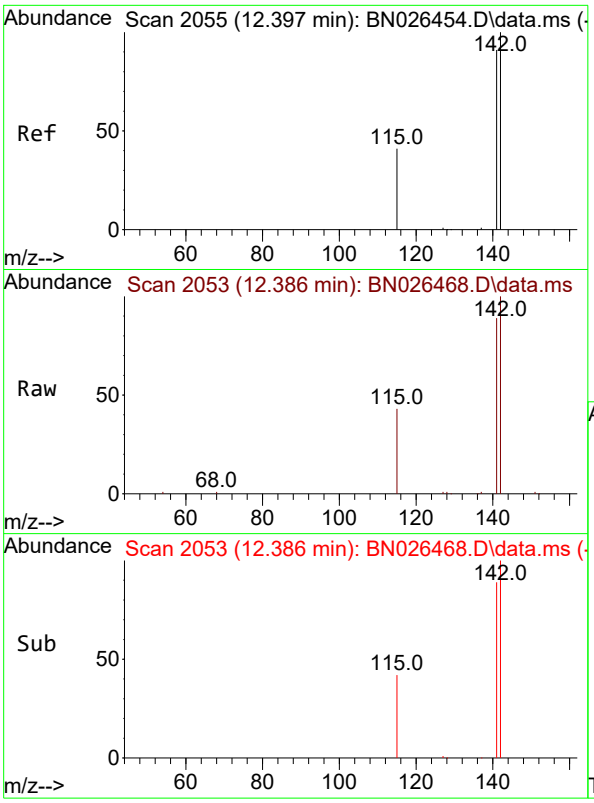


#5
Naphthalene
Concen: 6.241 ng/ul
RT: 10.769 min Scan# 1759
Delta R.T. -0.018 min
Lab File: BN026468.D
Acq: 11 Jul 2023 18:22

Tgt Ion:128 Resp: 211522

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.1	13.7
127	13.2	10.7	16.1



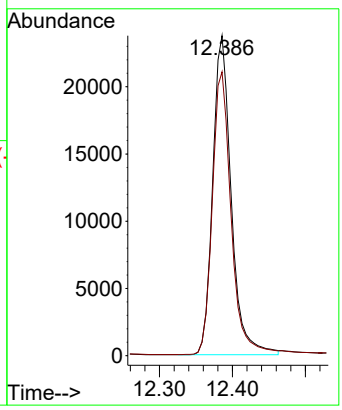


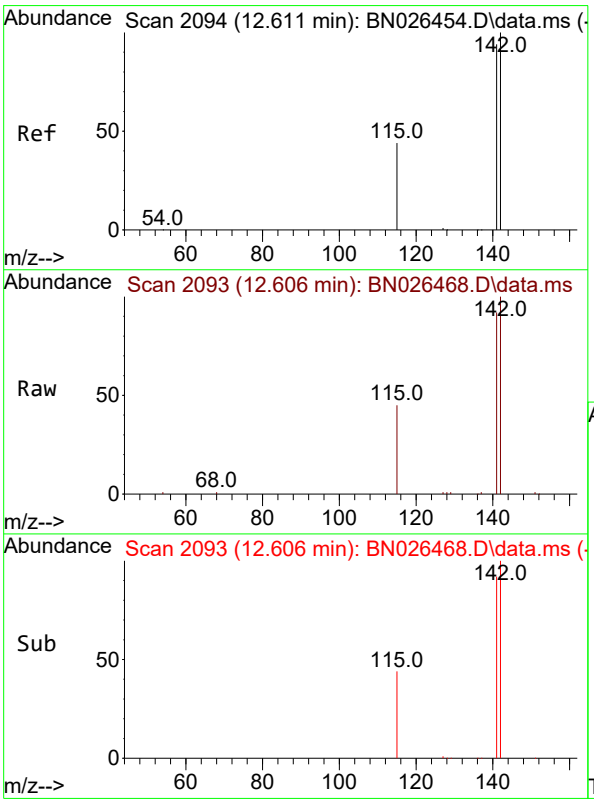
#7
2-Methylnaphthalene
Concen: 1.943 ng/ul
RT: 12.386 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN026468.D
Acq: 11 Jul 2023 18:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 41942

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.9	107.9

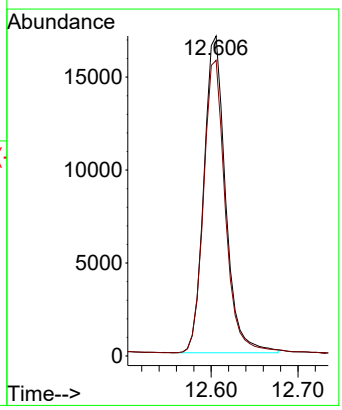


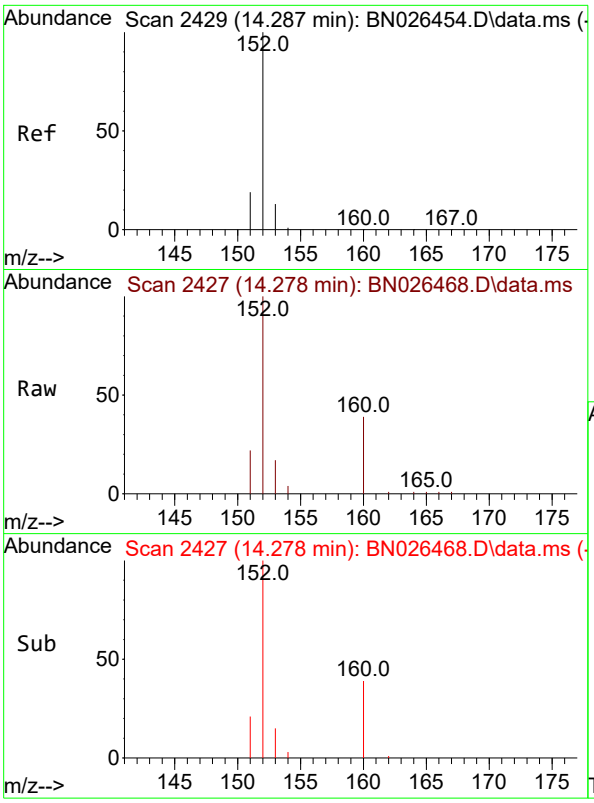


#8
1-Methylnaphthalene
Concen: 1.317 ng/ul
RT: 12.606 min Scan# 2093
Delta R.T. -0.012 min
Lab File: BN026468.D
Acq: 11 Jul 2023 18:22

Tgt Ion:142 Resp: 29458

Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.2	111.4



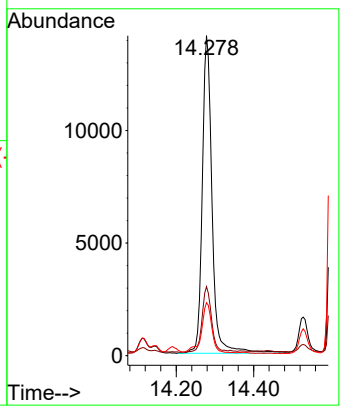


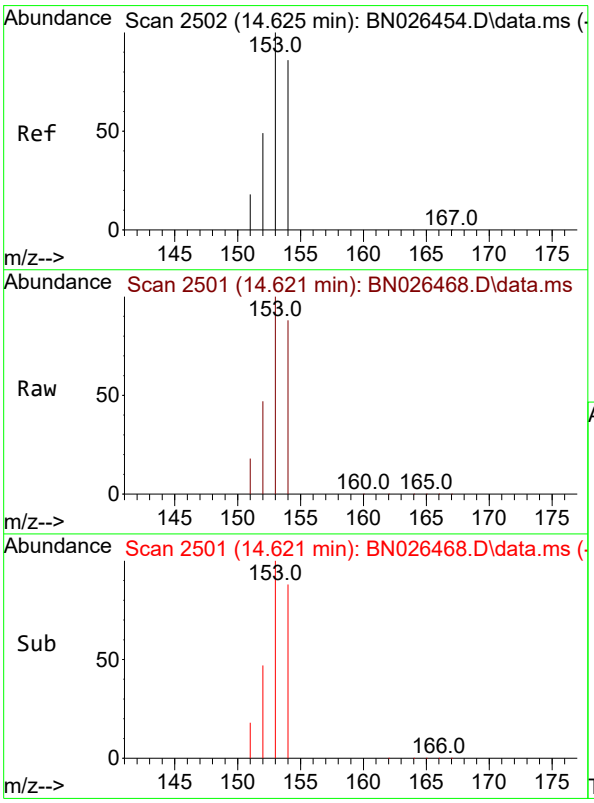
#10
Acenaphthylene
Concen: 0.656 ng/ul
RT: 14.278 min Scan# 24
Delta R.T. -0.014 min
Lab File: BN026468.D
Acq: 11 Jul 2023 18:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 24828

Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.2	24.4
153	16.6	10.9	16.3#

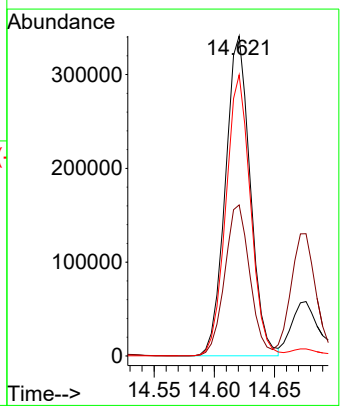


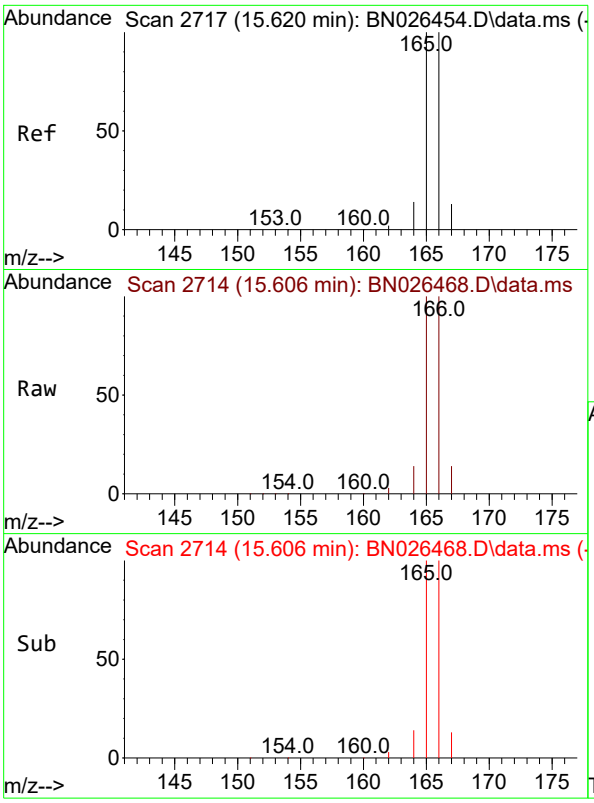


#11
Acenaphthene
Concen: 15.828 ng/ul
RT: 14.621 min Scan# 2501
Delta R.T. -0.010 min
Lab File: BN026468.D
Acq: 11 Jul 2023 18:22

Tgt Ion:153 Resp: 490308

Ion	Ratio	Lower	Upper
153	100		
152	47.2	39.4	59.0
154	87.9	68.9	103.3



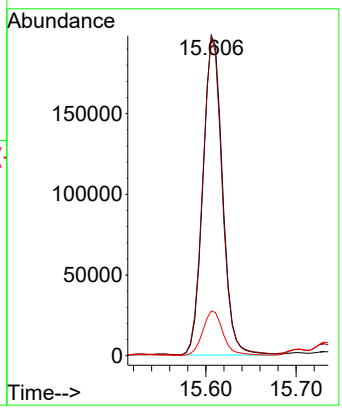


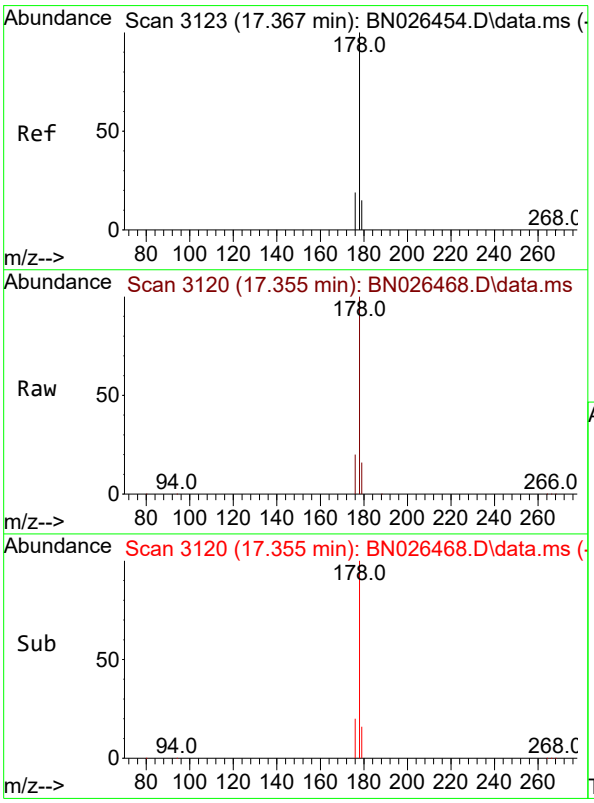
#12
Fluorene
Concen: 8.399 ng/ul
RT: 15.606 min Scan# 2
Delta R.T. -0.019 min
Lab File: BN026468.D
Acq: 11 Jul 2023 18:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 298280

Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.9	119.9
167	13.9	10.8	16.2

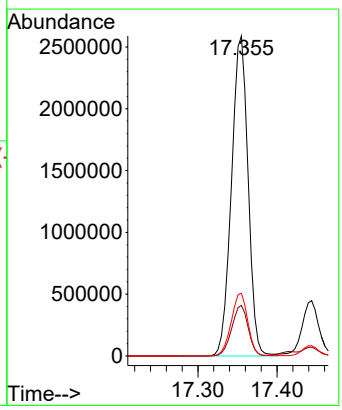


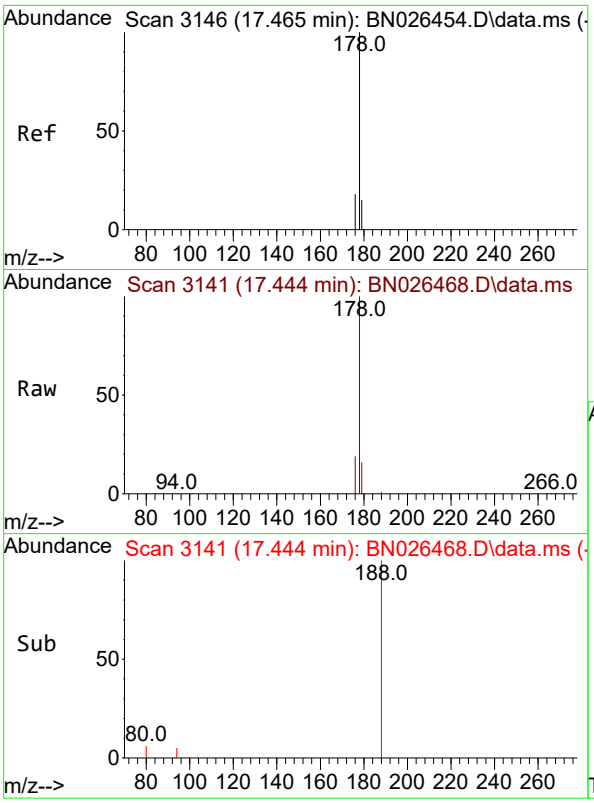


#15
Phenanthrene
Concen: 47.924 ng/ul
RT: 17.355 min Scan# 3120
Delta R.T. -0.013 min
Lab File: BN026468.D
Acq: 11 Jul 2023 18:22

Tgt Ion:178 Resp: 3762887

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	19.0
176	19.6	15.8	23.6



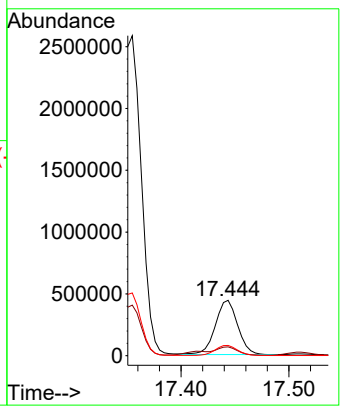


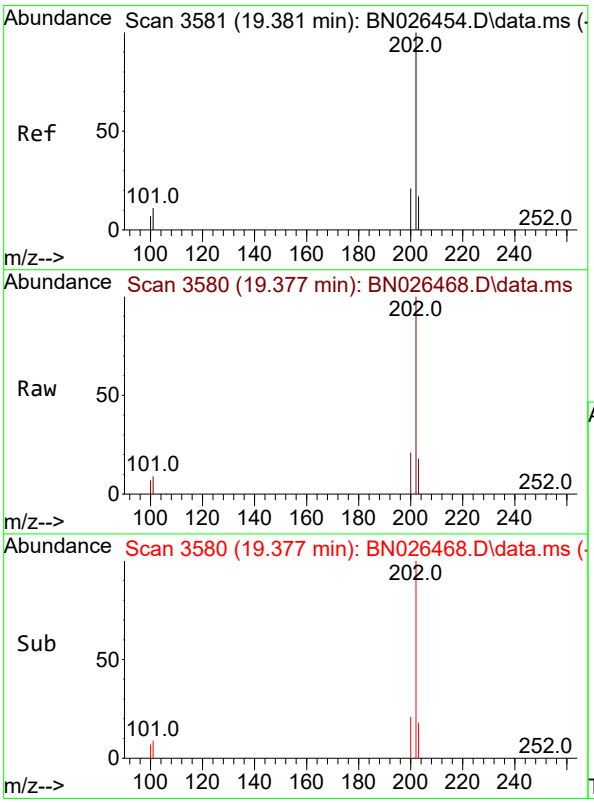
#16
Anthracene
Concen: 9.080 ng/ul
RT: 17.444 min Scan# 3
Delta R.T. -0.021 min
Lab File: BN026468.D
Acq: 11 Jul 2023 18:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 633688

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	18.8
176	18.6	15.1	22.7

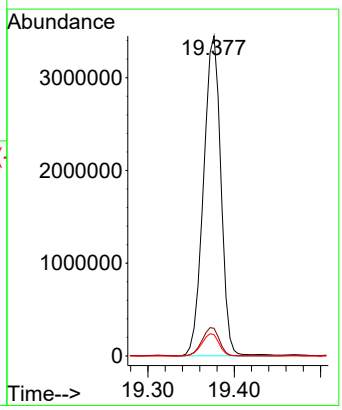


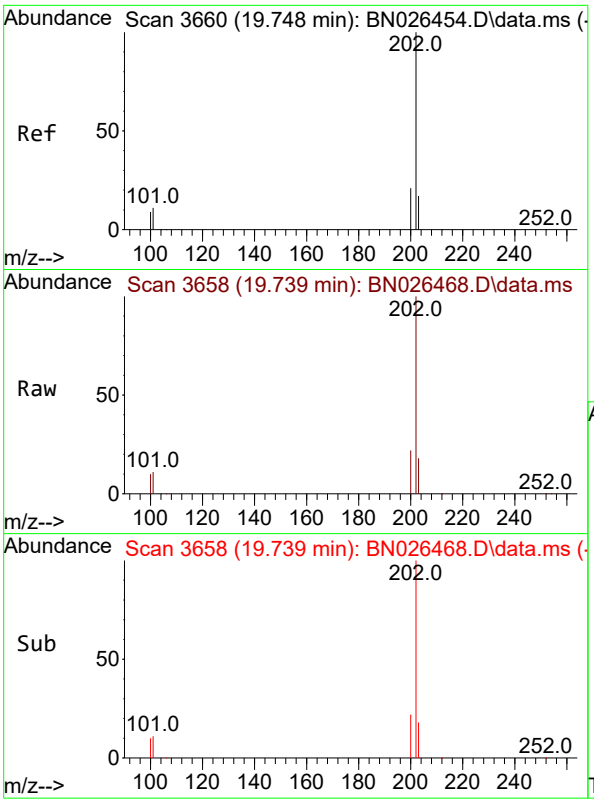


#19
Fluoranthene
Concen: 72.115 ng/ul
RT: 19.377 min Scan# 3580
Delta R.T. -0.010 min
Lab File: BN026468.D
Acq: 11 Jul 2023 18:22

Tgt Ion:202 Resp: 4830952

Ion	Ratio	Lower	Upper
202	100		
101	8.7	9.5	14.3#
100	6.7	7.3	10.9#



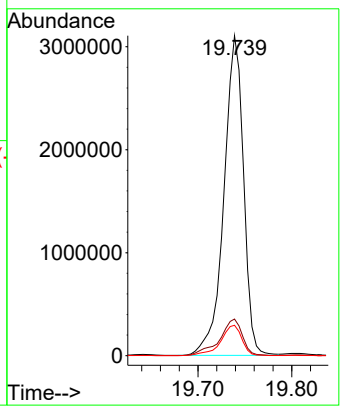


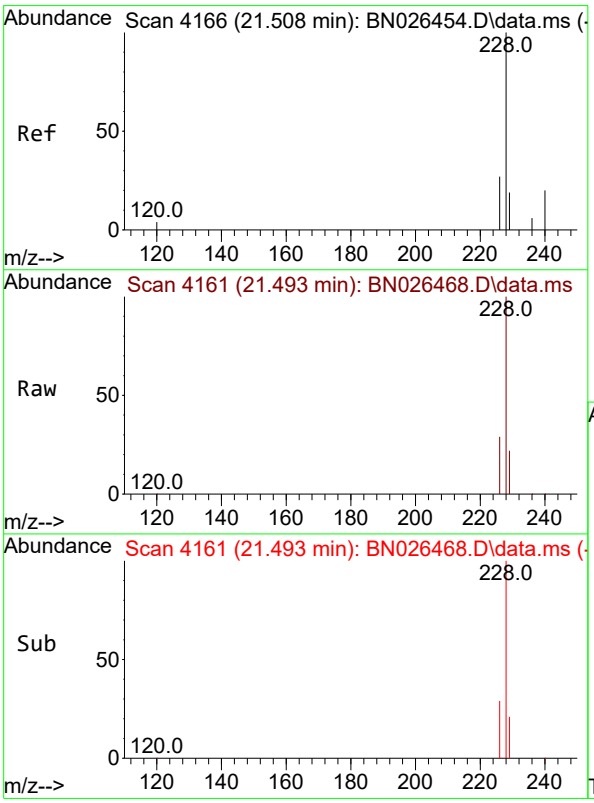
#20
Pyrene
Concen: 64.816 ng/ul
RT: 19.739 min Scan# 3
Delta R.T. -0.010 min
Lab File: BN026468.D
Acq: 11 Jul 2023 18:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 4516183

Ion	Ratio	Lower	Upper
202	100		
101	11.5	11.4	17.0
100	9.5	9.1	13.7

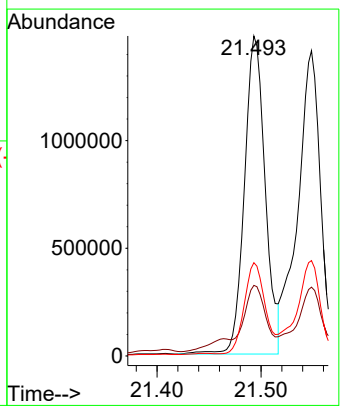


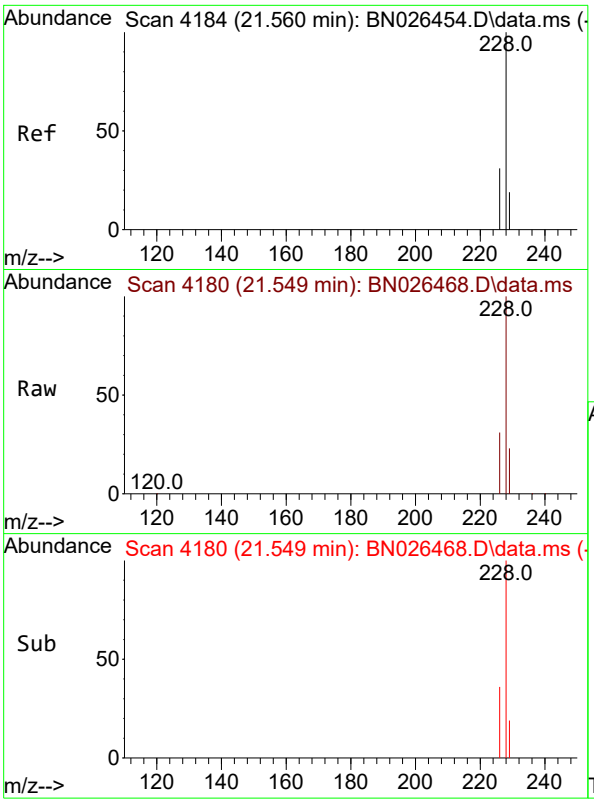


#21
Benzo(a)anthracene
Concen: 39.612 ng/ul
RT: 21.493 min Scan# 4161
Delta R.T. -0.007 min
Lab File: BN026468.D
Acq: 11 Jul 2023 18:22

Tgt Ion:228 Resp: 2049501

Ion	Ratio	Lower	Upper
228	100		
229	22.0	15.8	23.6
226	29.2	22.5	33.7



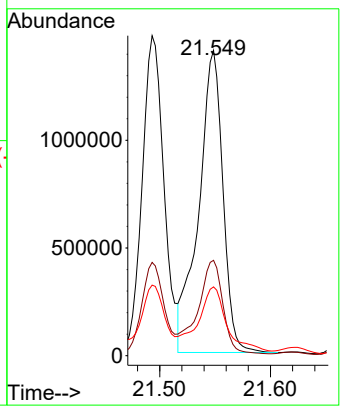


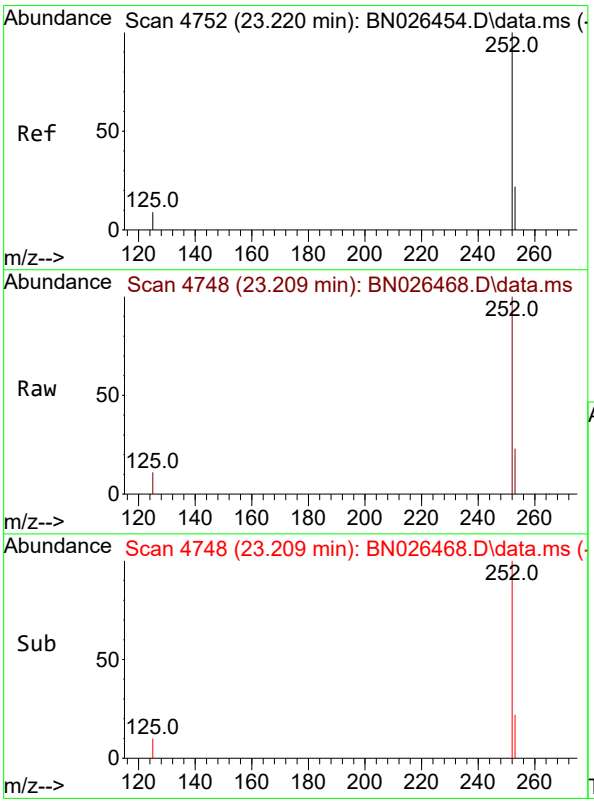
#22
Chrysene
Concen: 39.660 ng/ul
RT: 21.549 min Scan# 4
Delta R.T. -0.004 min
Lab File: BN026468.D
Acq: 11 Jul 2023 18:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 2135140

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.8	37.2
229	22.5	15.7	23.5

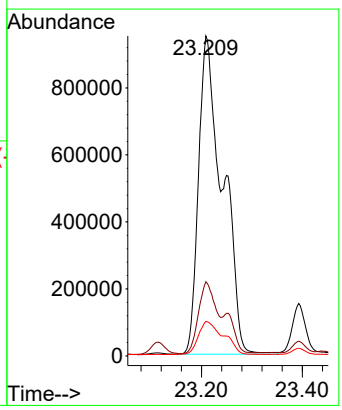


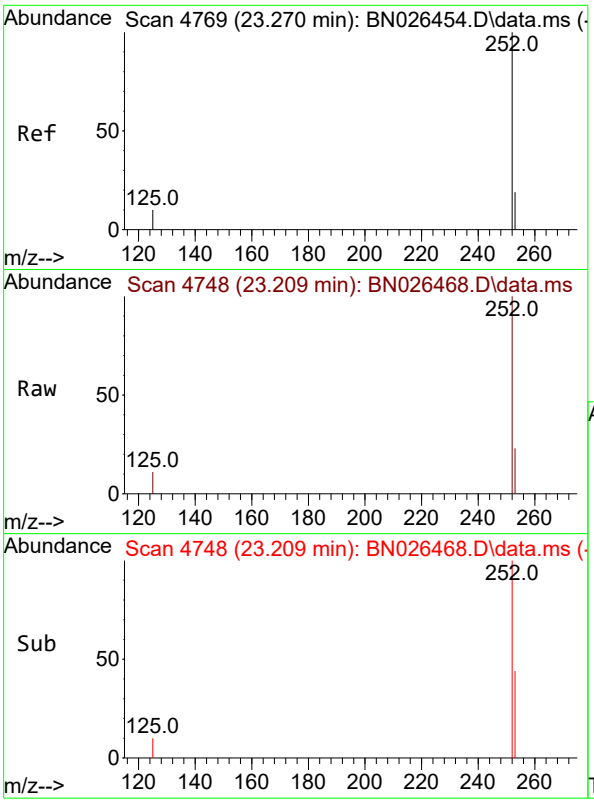


#24
Benzo(b)fluoranthene
Concen: 40.135 ng/ul
RT: 23.209 min Scan# 4748
Delta R.T. -0.010 min
Lab File: BN026468.D
Acq: 11 Jul 2023 18:22

Tgt Ion:252 Resp: 3146114

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	55.6
125	10.8	0.0	35.8



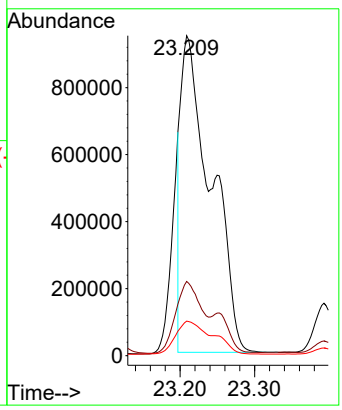


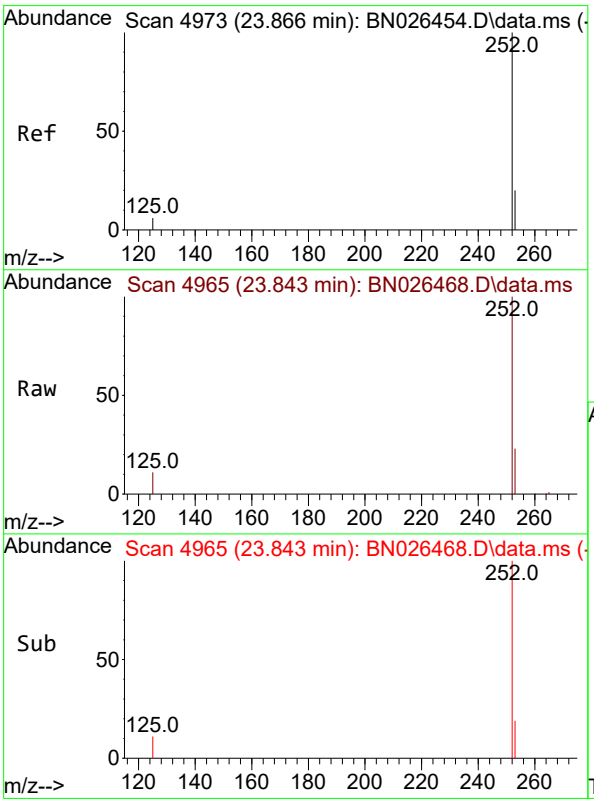
#25
Benzo(k)fluoranthene
Concen: 33.744 ng/ul
RT: 23.209 min Scan# 4
Delta R.T. -0.053 min
Lab File: BN026468.D
Acq: 11 Jul 2023 18:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 2656207

Ion	Ratio	Lower	Upper
252	100		
253	23.2	23.2	34.8
125	10.8	15.0	22.4#

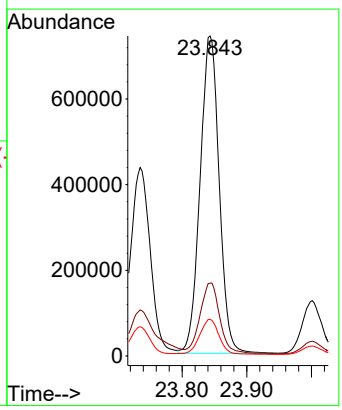


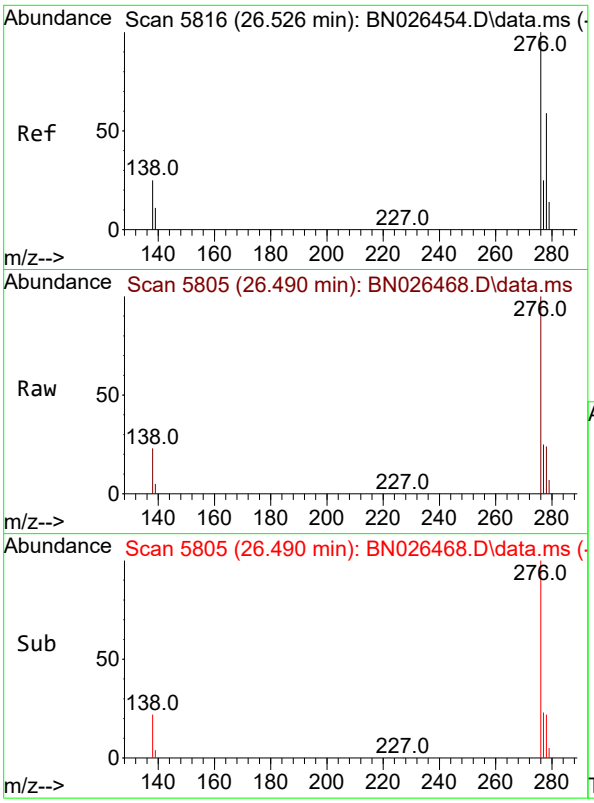


#26
Benzo(a)pyrene
Concen: 22.291 ng/ul
RT: 23.843 min Scan# 4965
Delta R.T. -0.027 min
Lab File: BN026468.D
Acq: 11 Jul 2023 18:22

Tgt Ion:252 Resp: 1517651

Ion	Ratio	Lower	Upper
252	100		
253	22.7	26.0	39.0#
125	11.4	17.3	25.9#



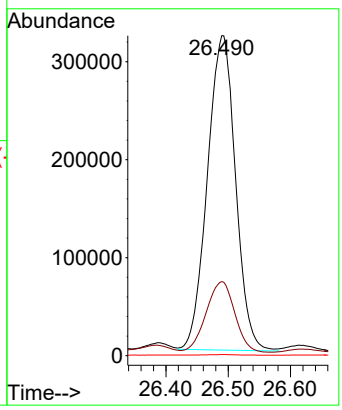


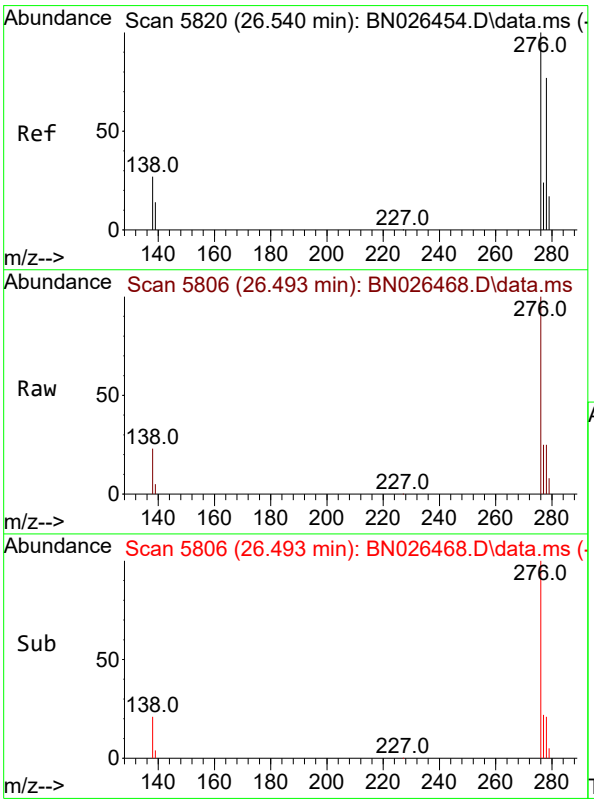
#27
Indeno(1,2,3-cd)pyrene
Concen: 13.540 ng/ul
RT: 26.490 min Scan# 5
Delta R.T. -0.051 min
Lab File: BN026468.D
Acq: 11 Jul 2023 18:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 1006908

Ion	Ratio	Lower	Upper
276	100		
138	22.8	24.5	36.7#
227	0.2	0.0	0.0#

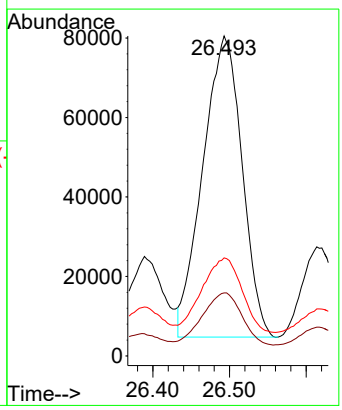


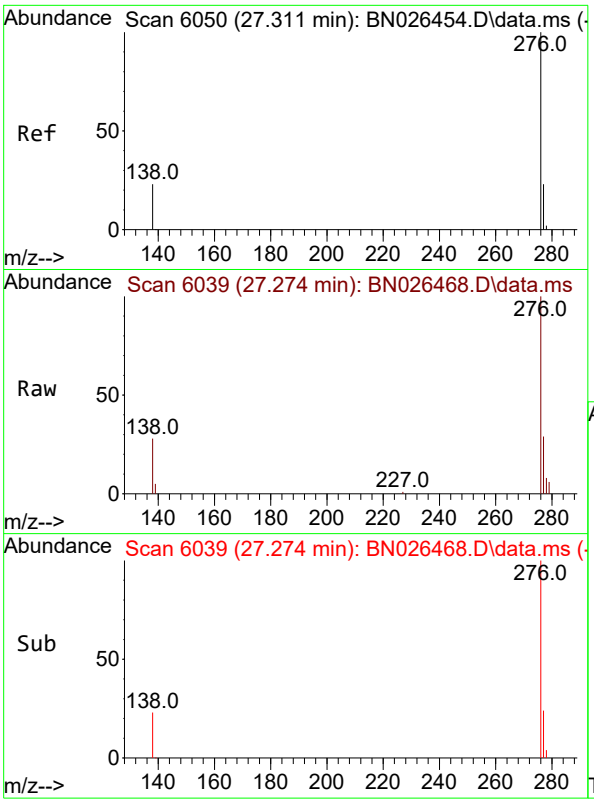


#28
Dibenzo(a,h)anthracene
Concen: 4.785 ng/ul
RT: 26.493 min Scan# 5806
Delta R.T. -0.068 min
Lab File: BN026468.D
Acq: 11 Jul 2023 18:22

Tgt Ion:278 Resp: 269328

Ion	Ratio	Lower	Upper
278	100		
139	19.7	19.0	28.4
279	30.6	26.7	40.1





#29
Benzo(g,h,i)perylene
Concen: 2.277 ng/ul
RT: 27.274 min Scan# 6
Delta R.T. -0.061 min
Lab File: BN026468.D
Acq: 11 Jul 2023 18:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 150642

Ion	Ratio	Lower	Upper
276	100		
138	28.1	23.4	35.0
277	28.7	20.0	30.0