Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026108.D
Acq On : 29 Jun 2023 23:23
Operator : MA/JU
Sample : 03143-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCFV8

Quant Time: Jun 30 00:46:23 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 : Wed Jun 28 22:47:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	8161	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.776	136	26558	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.603	164	16024	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.352	188	31629	0.400	ng/ul	0.00
17) Chrysene-d12	21.533	240	16681	0.400	ng/ul	-0.01
23) Perylene-d12	23.991	264	16466	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	17468	1.901	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.365	152	5213	0.128	ng/ul	0.00
18) Fluoranthene-d10	19.378	212	9251	0.146	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.825	128	17098	0.225	ng/ul	98
7) 2-Methylnaphthalene	12.436	142	18388	0.379	ng/ul	100
8) 1-Methylnaphthalene	12.651	142	14232	0.283	ng/ul	99
10) Acenaphthylene	14.326	152	36219	0.483	ng/ul	99
11) Acenaphthene	14.668	153	3379	0.055	ng/ul#	93
12) Fluorene	15.654	166	3949	0.056	ng/ul#	92
14) Pentachlorophenol	17.006	266	420	0.037	ng/ul	94
15) Phenanthrene	17.390	178	138424	1.325	ng/ul	99
16) Anthracene	17.483	178	26229	0.282	ng/ul	98
19) Fluoranthene	19.406	202	428131	4.805	ng/ul	99
20) Pyrene	19.769	202	365029	3.939	ng/ul	97
21) Benzo(a)anthracene	21.515	228	183559	2.667	ng/ul	97
22) Chrysene	21.568	228	227121	3.172	ng/ul	98
24) Benzo(b)fluoranthene	23.240	252	433925	6.174	ng/ul	90
26) Benzo(a)pyrene	23.886	252	177702	2.911	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.572	276	166470	2.497	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.582	278	38575	0.764	ng/ul	98
29) Benzo(g,h,i)perylene	27.380	276	161208	2.718	ng/ul	95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026108.D
Acq On : 29 Jun 2023 23:23
Operator : MA/JU
Sample : 03143-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
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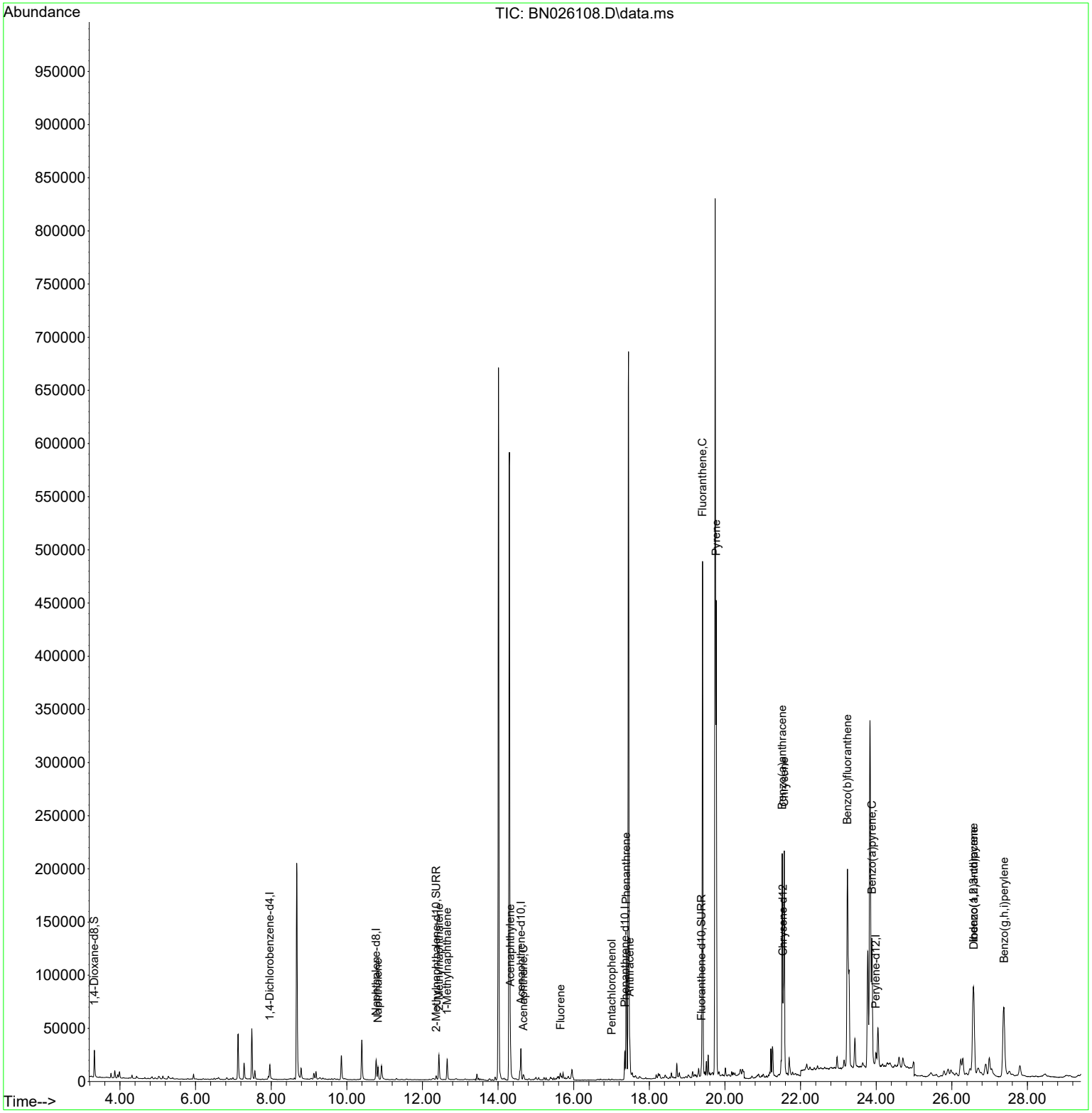
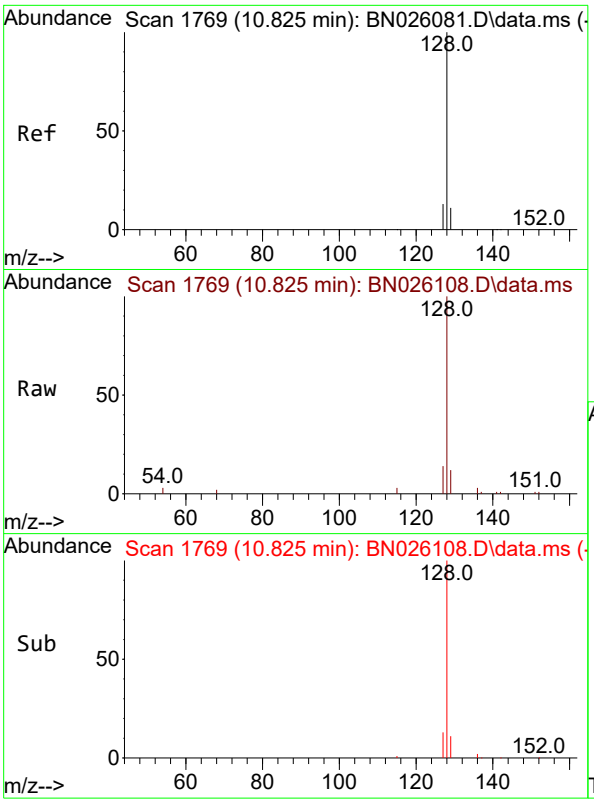
DCFV8

Quant Time: Jun 30 00:46:23 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 : Wed Jun 28 22:47:20 2023
Response via : Initial Calibration



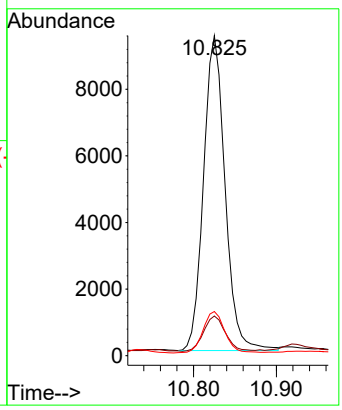


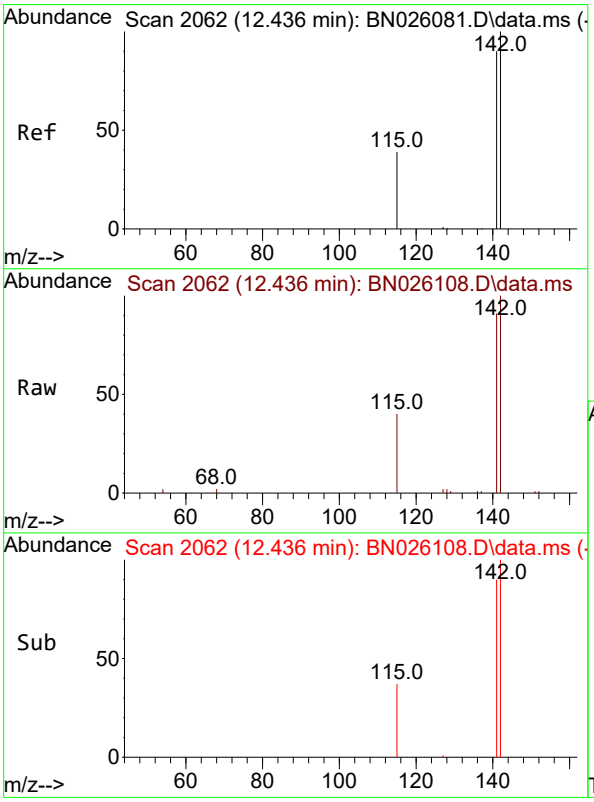
#5
Naphthalene
Concen: 0.225 ng/ul
RT: 10.825 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN026108.D
Acq: 29 Jun 2023 23:23

Instrument :
BNA_N
ClientSampleId :
DCFV8

Tgt Ion:128 Resp: 17098

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.1	13.7
127	13.8	10.7	16.1

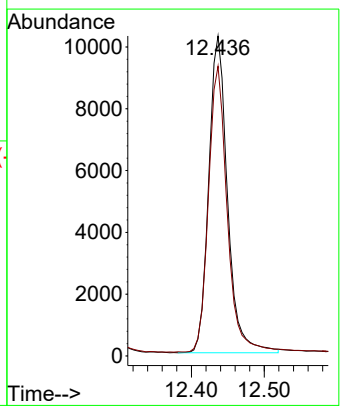


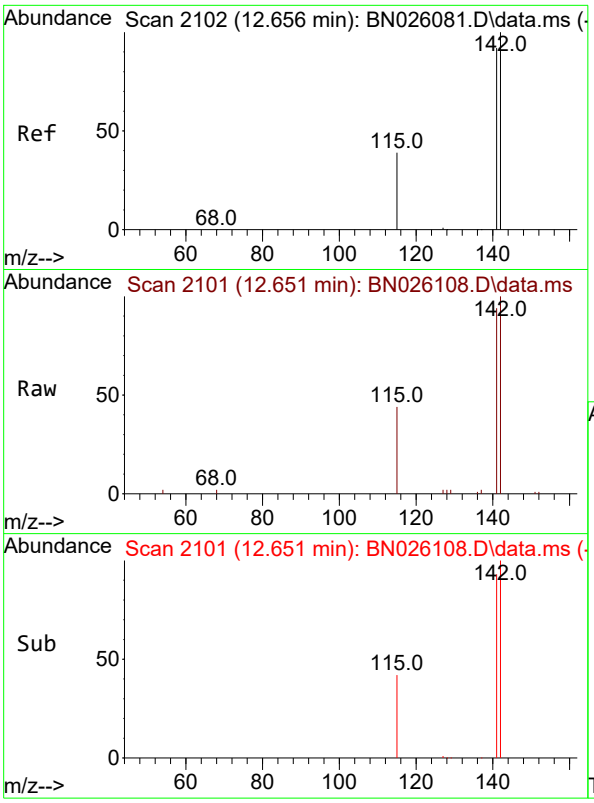


#7
2-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 12.436 min Scan# 2062
Delta R.T. -0.011 min
Lab File: BN026108.D
Acq: 29 Jun 2023 23:23

Tgt Ion:142 Resp: 18388

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.9	107.9



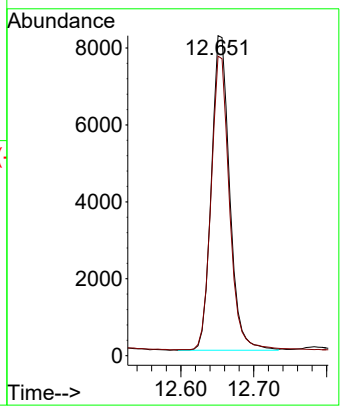


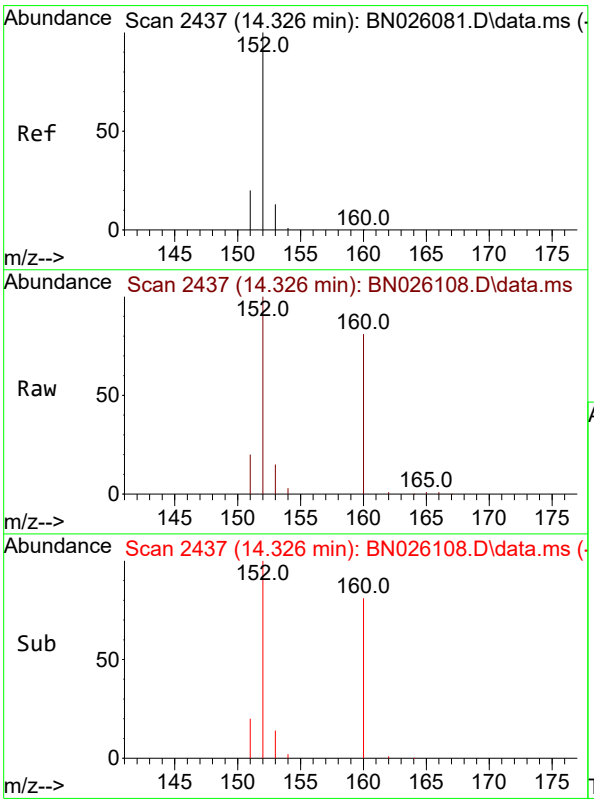
#8
1-Methylnaphthalene
Concen: 0.283 ng/ul
RT: 12.651 min Scan# 2
Delta R.T. -0.011 min
Lab File: BN026108.D
Acq: 29 Jun 2023 23:23

Instrument :
BNA_N
ClientSampleId :
DCFV8

Tgt Ion:142 Resp: 14232

Ion	Ratio	Lower	Upper
142	100		
141	93.4	74.2	111.4

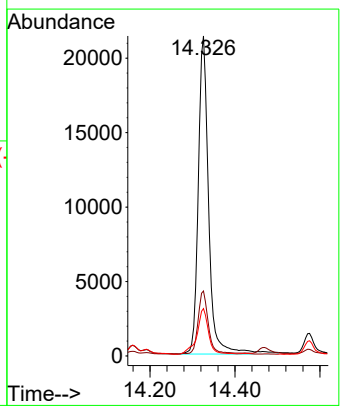


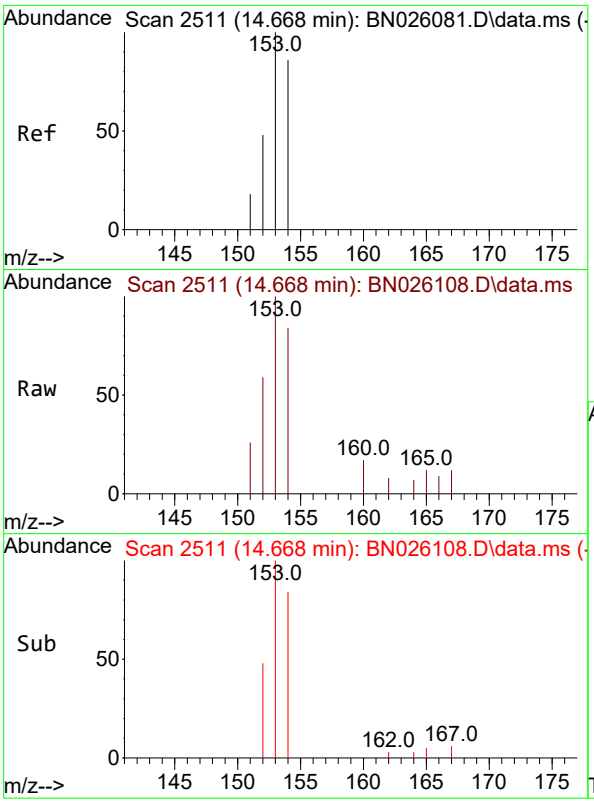


#10
Acenaphthylene
Concen: 0.483 ng/ul
RT: 14.326 min Scan# 2437
Delta R.T. -0.004 min
Lab File: BN026108.D
Acq: 29 Jun 2023 23:23

Tgt Ion:152 Resp: 36219

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	14.8	10.9	16.3



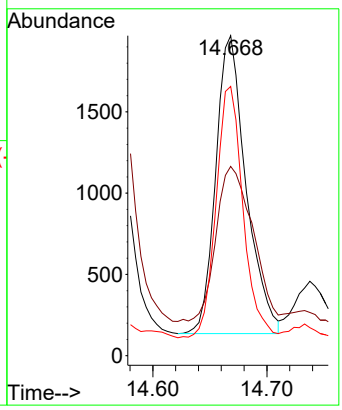


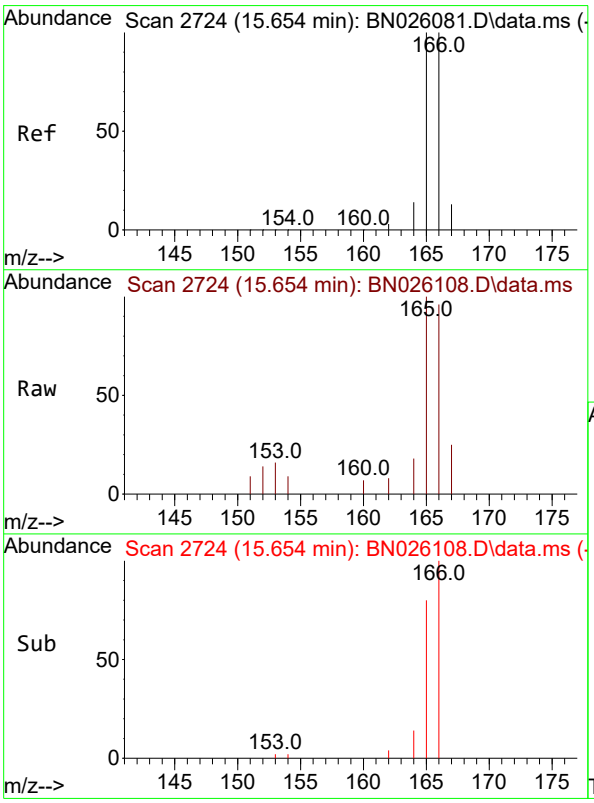
#11
Acenaphthene
Concen: 0.055 ng/ul
RT: 14.668 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN026108.D
Acq: 29 Jun 2023 23:23

Instrument :
BNA_N
ClientSampleId :
DCFV8

Tgt Ion:153 Resp: 3379

Ion	Ratio	Lower	Upper
153	100		
152	59.2	39.4	59.0#
154	84.2	68.9	103.3

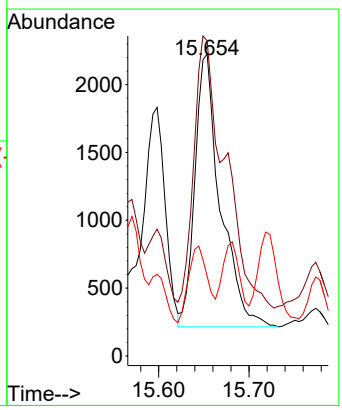


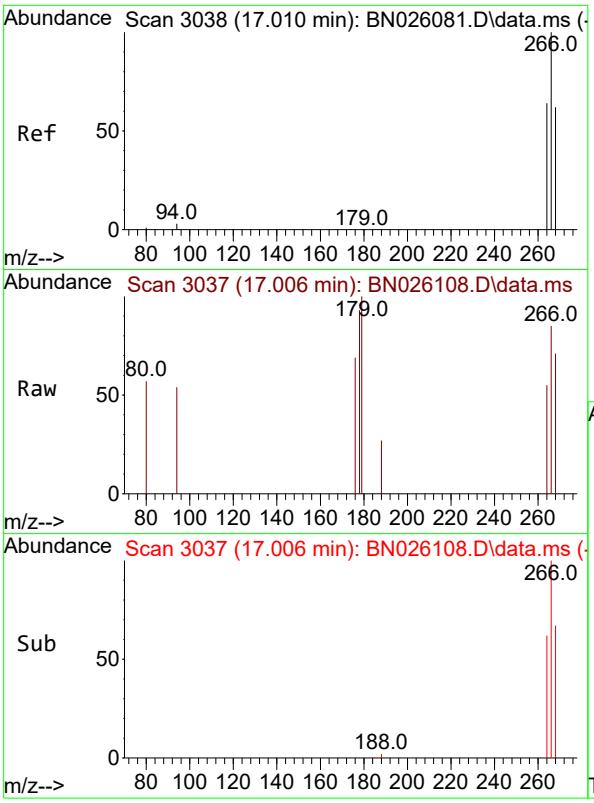


#12
Fluorene
Concen: 0.056 ng/ul
RT: 15.654 min Scan# 2724
Delta R.T. -0.008 min
Lab File: BN026108.D
Acq: 29 Jun 2023 23:23

Tgt Ion:166 Resp: 3949

Ion	Ratio	Lower	Upper
166	100		
165	104.4	79.9	119.9
167	26.4	10.8	16.2#



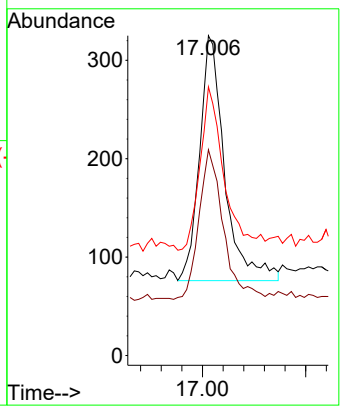


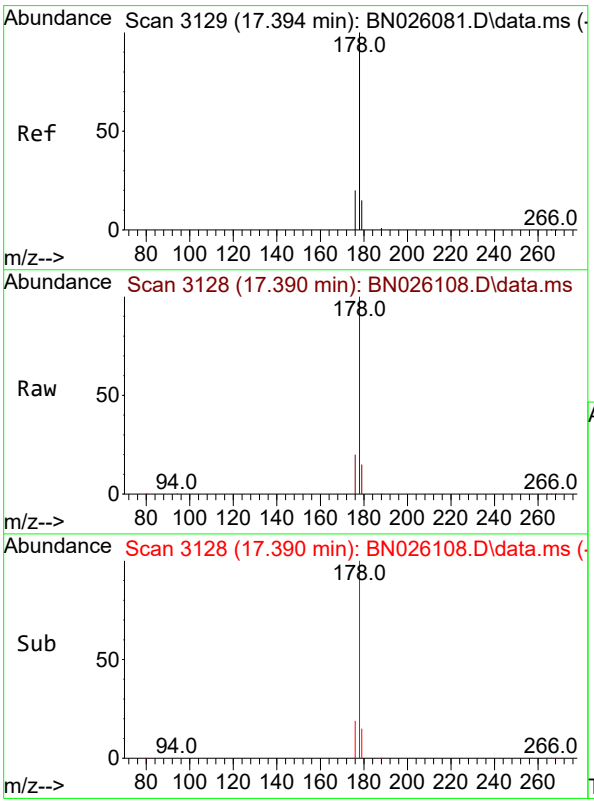
#14
Pentachlorophenol
Concen: 0.037 ng/ul
RT: 17.006 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN026108.D
Acq: 29 Jun 2023 23:23

Instrument :
BNA_N
ClientSampleId :
DCFV8

Tgt Ion:266 Resp: 420

Ion	Ratio	Lower	Upper
266	100		
264	59.3	50.5	75.7
268	69.5	51.6	77.4

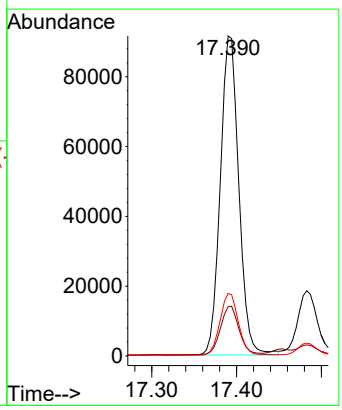


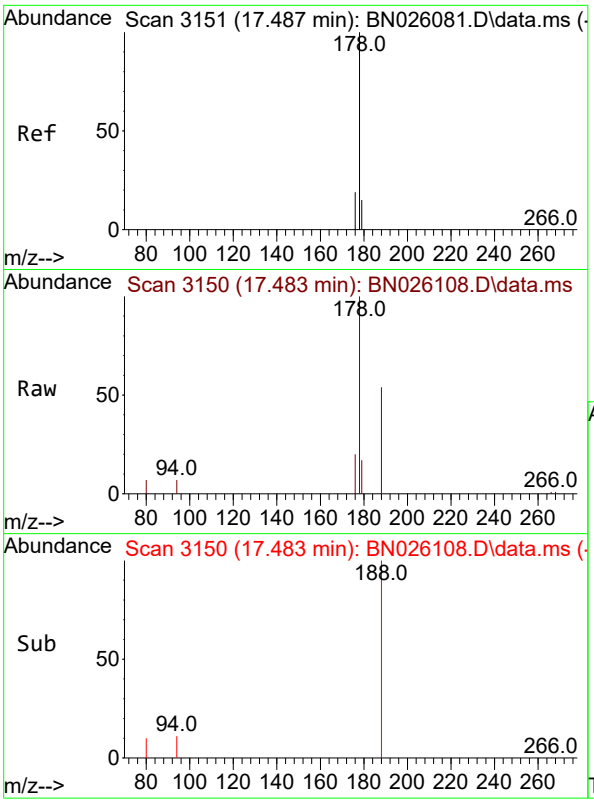


#15
Phenanthrene
Concen: 1.325 ng/ul
RT: 17.390 min Scan# 3128
Delta R.T. -0.012 min
Lab File: BN026108.D
Acq: 29 Jun 2023 23:23

Tgt Ion:178 Resp: 138424

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	19.6	15.8	23.6



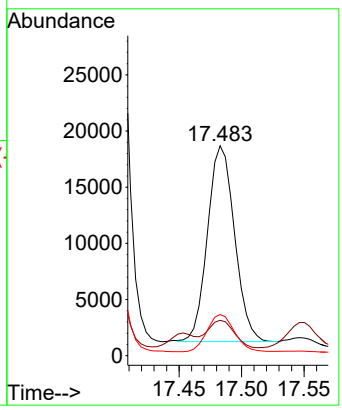


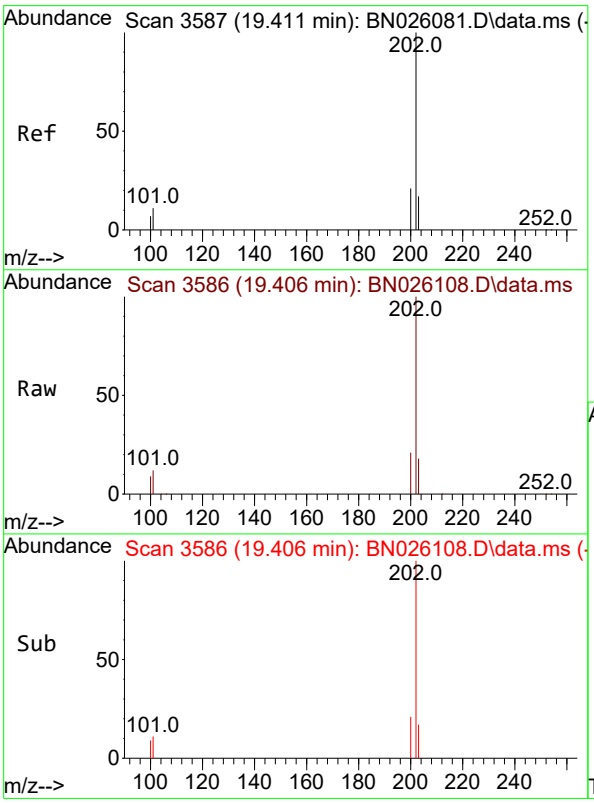
#16
Anthracene
Concen: 0.282 ng/ul
RT: 17.483 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN026108.D
Acq: 29 Jun 2023 23:23

Instrument :
BNA_N
ClientSampleId :
DCFV8

Tgt Ion:178 Resp: 26229

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.6	18.8
176	19.6	15.1	22.7

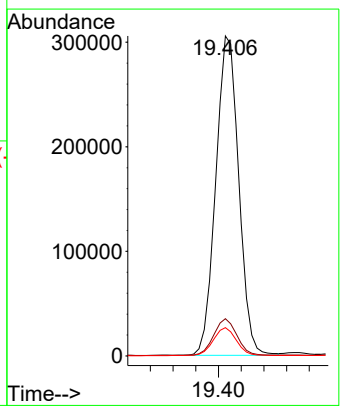


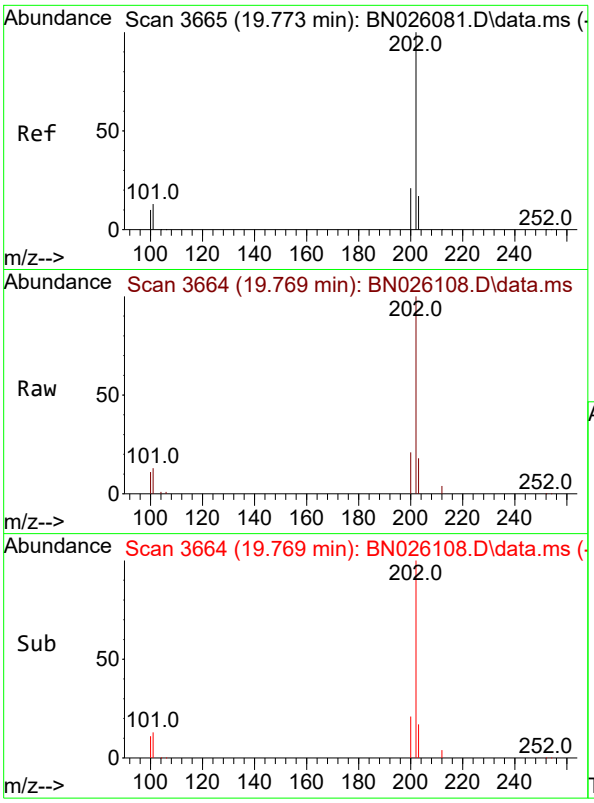


#19
Fluoranthene
Concen: 4.805 ng/ul
RT: 19.406 min Scan# 3586
Delta R.T. -0.008 min
Lab File: BN026108.D
Acq: 29 Jun 2023 23:23

Tgt Ion:202 Resp: 428131

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.5	14.3
100	8.9	7.3	10.9



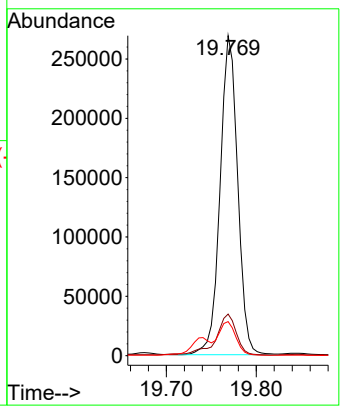


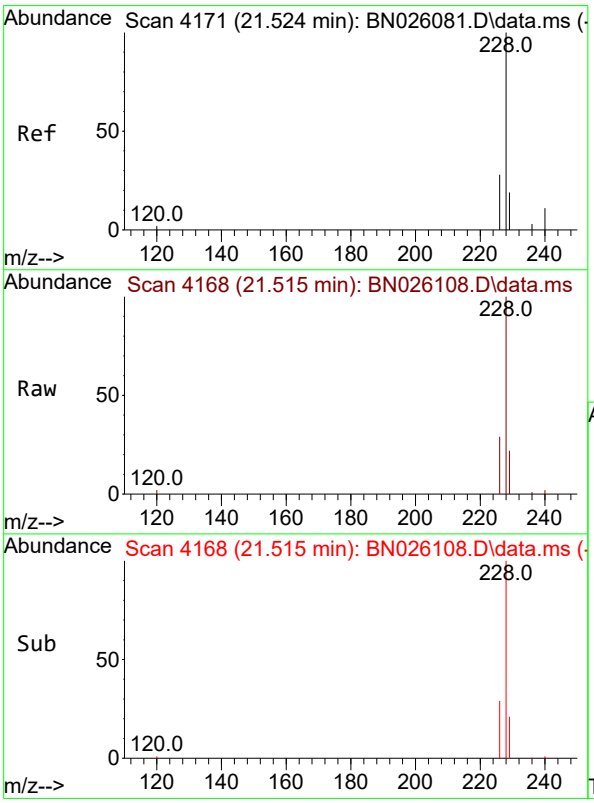
#20
Pyrene
Concen: 3.939 ng/ul
RT: 19.769 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN026108.D
Acq: 29 Jun 2023 23:23

Instrument :
BNA_N
ClientSampleId :
DCFV8

Tgt Ion:202 Resp: 365029

Ion	Ratio	Lower	Upper
202	100		
101	13.0	11.4	17.0
100	10.6	9.1	13.7

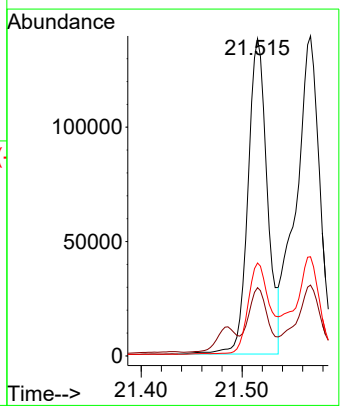


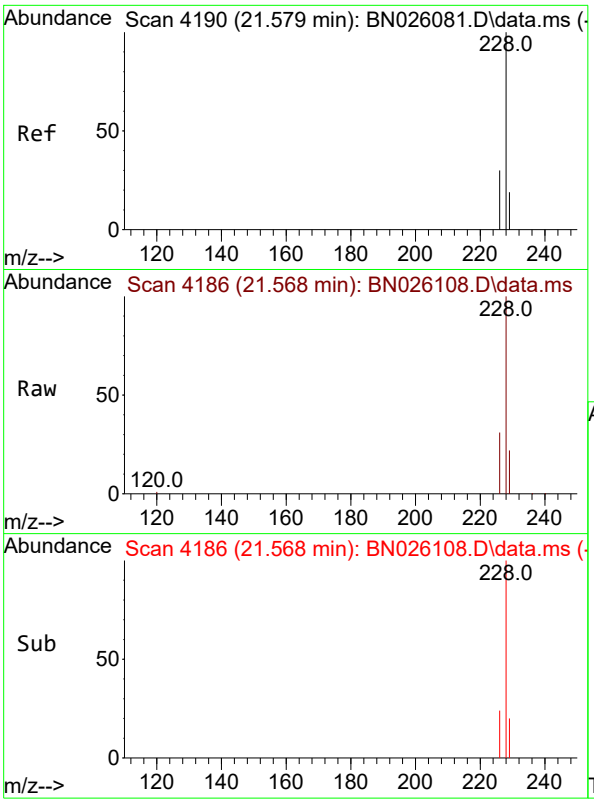


#21
Benzo(a)anthracene
Concen: 2.667 ng/ul
RT: 21.515 min Scan# 4168
Delta R.T. -0.014 min
Lab File: BN026108.D
Acq: 29 Jun 2023 23:23

Tgt Ion:228 Resp: 183559

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.8	23.6
226	29.3	22.5	33.7



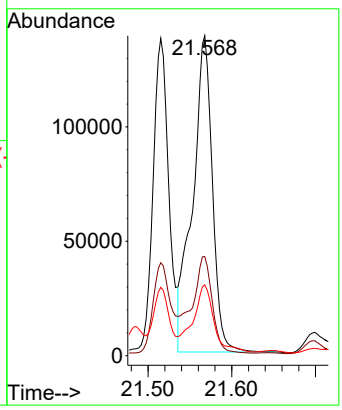


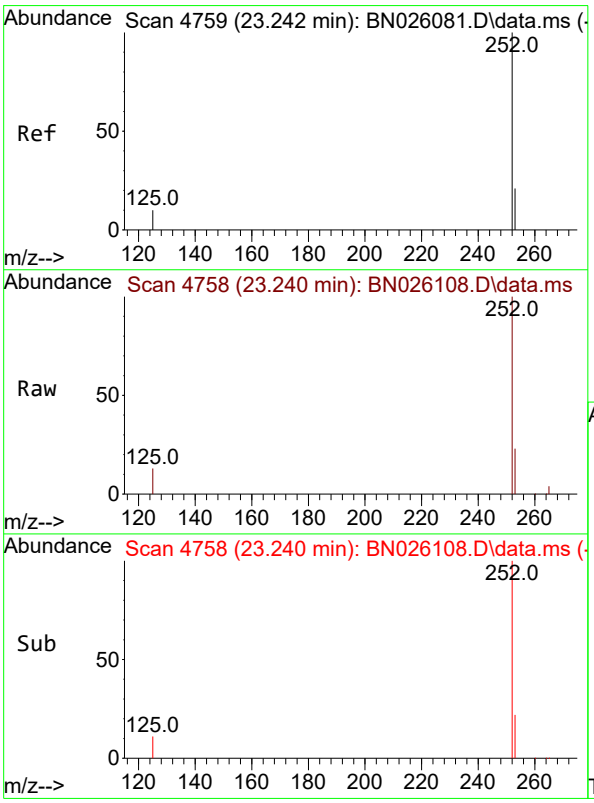
#22
Chrysene
Concen: 3.172 ng/ul
RT: 21.568 min Scan# 4
Delta R.T. -0.011 min
Lab File: BN026108.D
Acq: 29 Jun 2023 23:23

Instrument :
BNA_N
ClientSampleId :
DCFV8

Tgt Ion:228 Resp: 227121

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.8	37.2
229	22.2	15.7	23.5

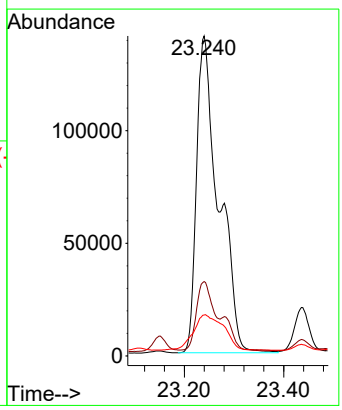


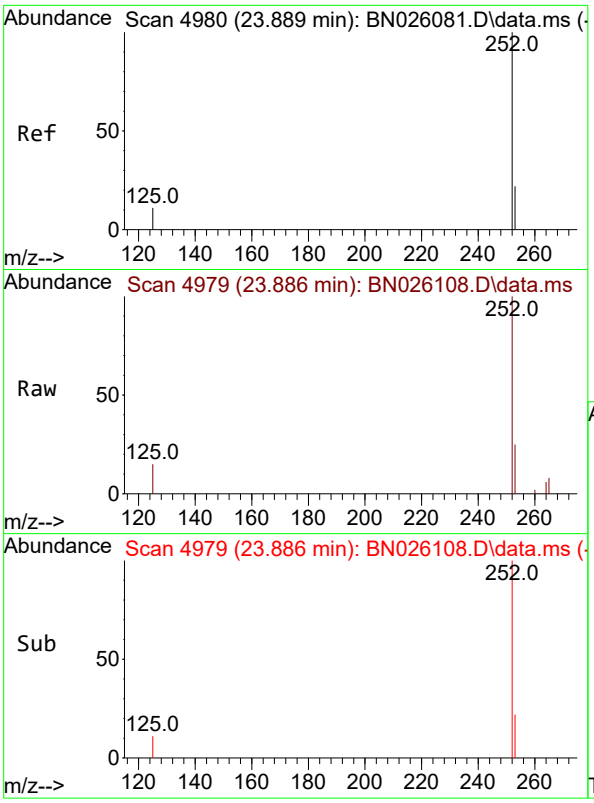


#24
Benzo(b)fluoranthene
Concen: 6.174 ng/ul
RT: 23.240 min Scan# 4758
Delta R.T. -0.014 min
Lab File: BN026108.D
Acq: 29 Jun 2023 23:23

Tgt Ion:252 Resp: 433925

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	55.6
125	12.8	0.0	35.8



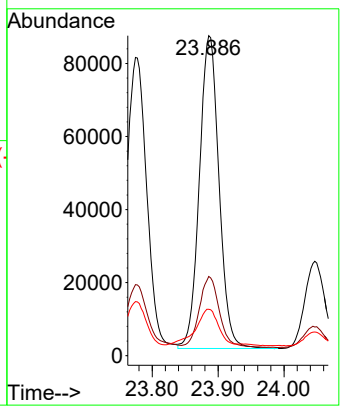


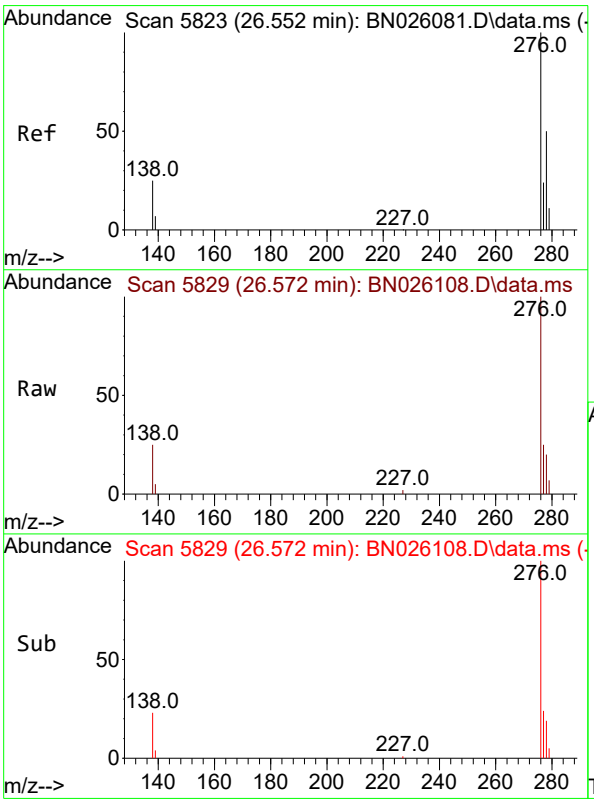
#26
Benzo(a)pyrene
Concen: 2.911 ng/ul
RT: 23.886 min Scan# 4
Delta R.T. -0.019 min
Lab File: BN026108.D
Acq: 29 Jun 2023 23:23

Instrument :
BNA_N
ClientSampleId :
DCFV8

Tgt Ion:252 Resp: 177702

Ion	Ratio	Lower	Upper
252	100		
253	24.7	26.0	39.0#
125	14.5	17.3	25.9#

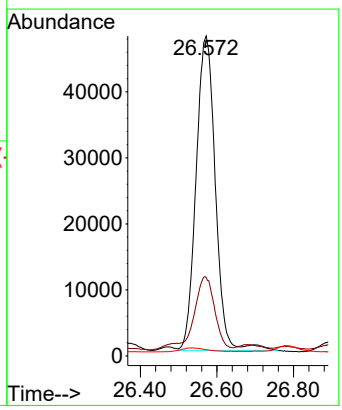


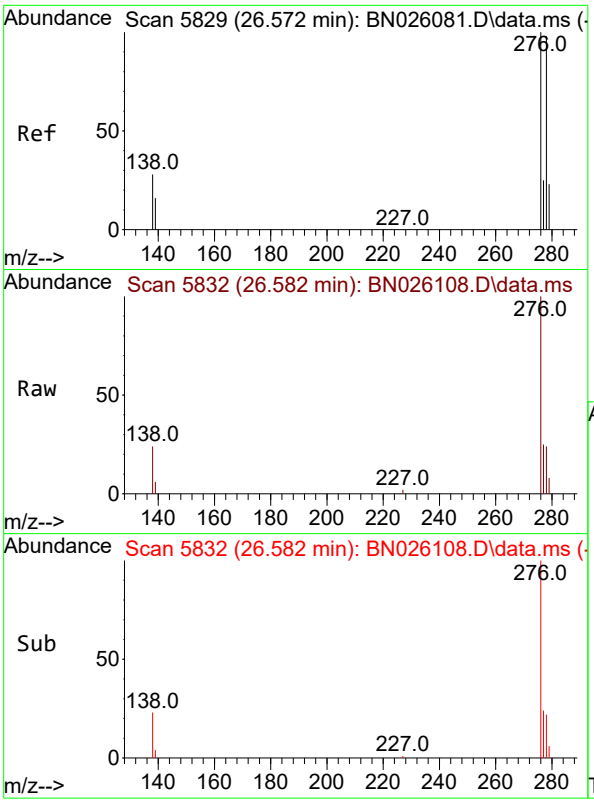


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.497 ng/ul
RT: 26.572 min Scan# 5829
Delta R.T. -0.022 min
Lab File: BN026108.D
Acq: 29 Jun 2023 23:23

Tgt Ion:276 Resp: 166470

Ion	Ratio	Lower	Upper
276	100		
138	25.6	24.5	36.7
227	0.0	0.0	0.0



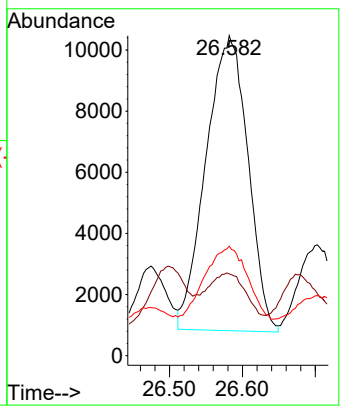


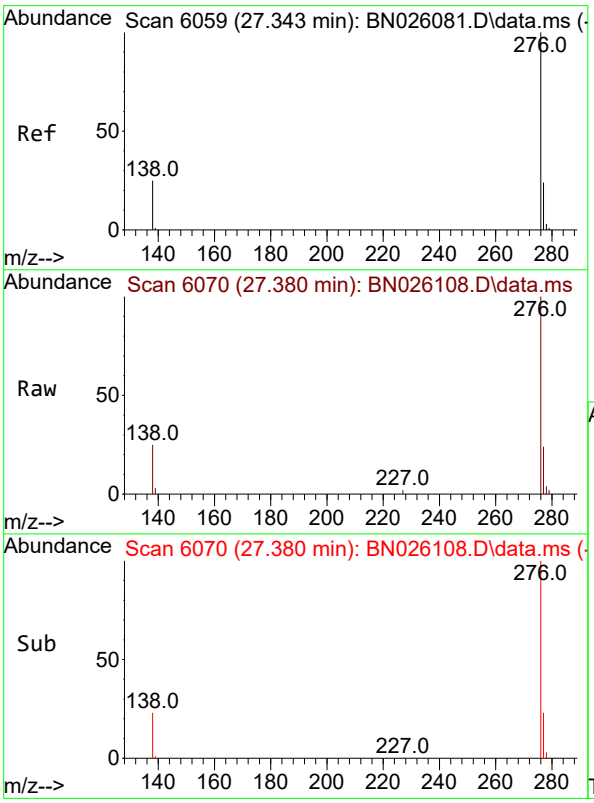
#28
Dibenzo(a,h)anthracene
Concen: 0.764 ng/ul
RT: 26.582 min Scan# 5
Delta R.T. -0.033 min
Lab File: BN026108.D
Acq: 29 Jun 2023 23:23

Instrument :
BNA_N
ClientSampleId :
DCFV8

Tgt Ion:278 Resp: 38575

Ion	Ratio	Lower	Upper
278	100		
139	25.5	19.0	28.4
279	34.2	26.7	40.1





#29
Benzo(g,h,i)perylene
Concen: 2.718 ng/ul
RT: 27.380 min Scan# 6070
Delta R.T. -0.006 min
Lab File: BN026108.D
Acq: 29 Jun 2023 23:23

Tgt Ion:276 Resp: 161208

Ion	Ratio	Lower	Upper
276	100		
138	24.6	23.4	35.0
277	24.3	20.0	30.0