Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027834.D
Acq On : 22 Sep 2023 20:55
Operator : MA/JU
Sample : 04387-08
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AB4

Quant Time: Sep 23 03:49:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	5134	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	17707	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.643	164	10883	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	24911	0.400	ng/ul	0.00
17) Chrysene-d12	21.577	240	20537	0.400	ng/ul	# 0.00
23) Perylene-d12	24.071	264	18421	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	18592	2.875	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	9481	0.353	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	25086	0.400	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.872	128	5240	0.104	ng/ul#	93
7) 2-Methylnaphthalene	12.473	142	5202	0.162	ng/ul	99
8) 1-Methylnaphthalene	12.693	142	4381	0.132	ng/ul	99
10) Acenaphthylene	14.370	152	4358	0.092	ng/ul#	92
11) Acenaphthene	14.703	153	1138	0.028	ng/ul#	93
12) Fluorene	15.688	166	1717	0.036	ng/ul#	96
15) Phenanthrene	17.435	178	43923	0.561	ng/ul	99
16) Anthracene	17.527	178	5587	0.085	ng/ul#	92
19) Fluoranthene	19.446	202	103897	1.251	ng/ul	99
20) Pyrene	19.813	202	87740	1.026	ng/ul	99
21) Benzo(a)anthracene	21.557	228	39182	0.493	ng/ul	96
22) Chrysene	21.612	228	48606	0.592	ng/ul	97
24) Benzo(b)fluoranthene	23.299	252	87885	1.070	ng/ul#	1
26) Benzo(a)pyrene	23.959	252	36908	0.559	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.697	276	30458	0.360	ng/ul#	69
28) Dibenzo(a,h)anthracene	26.714	278	7163	0.105	ng/ul#	1
29) Benzo(g,h,i)perylene	27.522	276	28645	0.399	ng/ul#	80

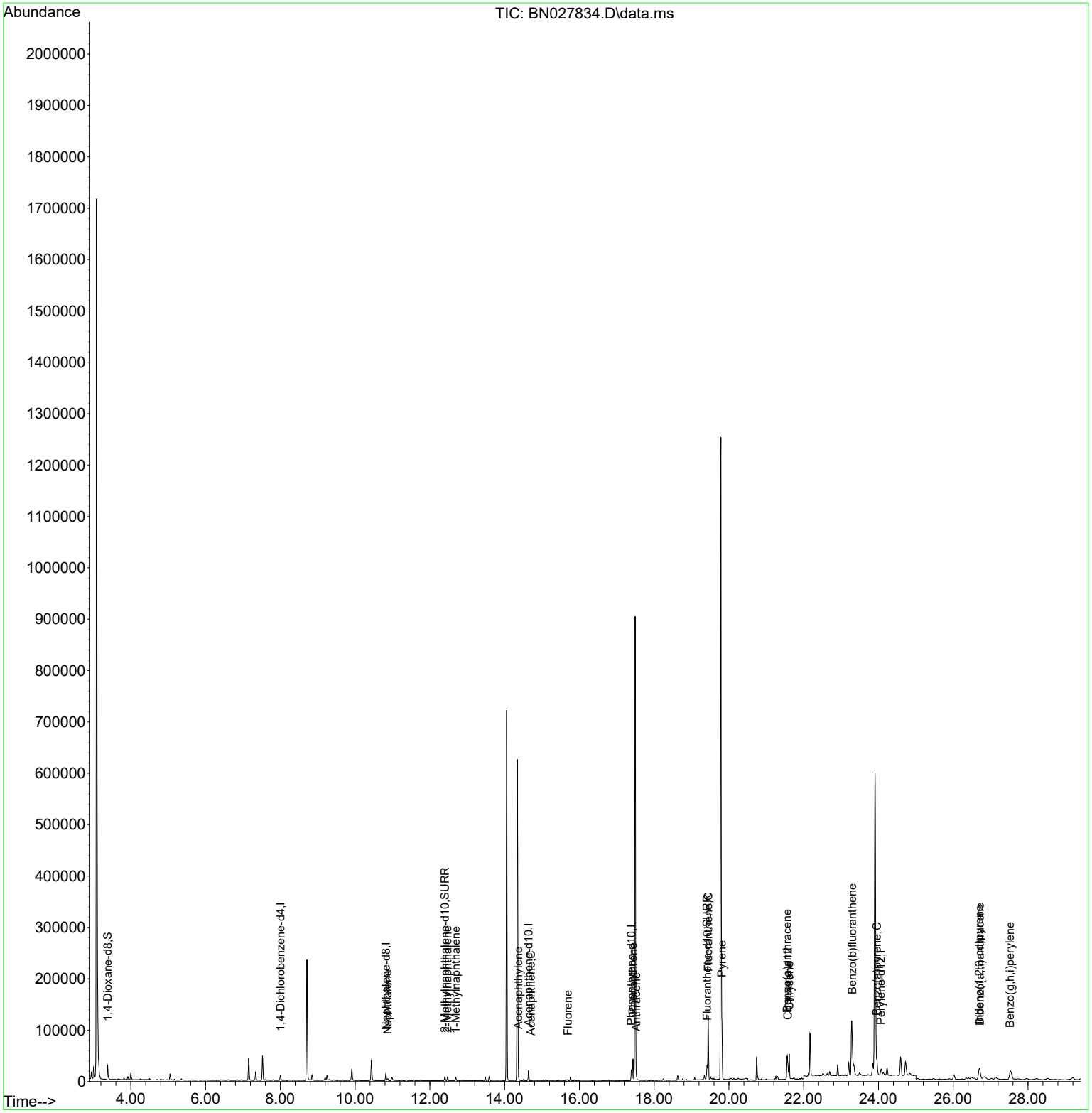
(#) = qualifier out of range (m) = manual integration (+) = signals summed

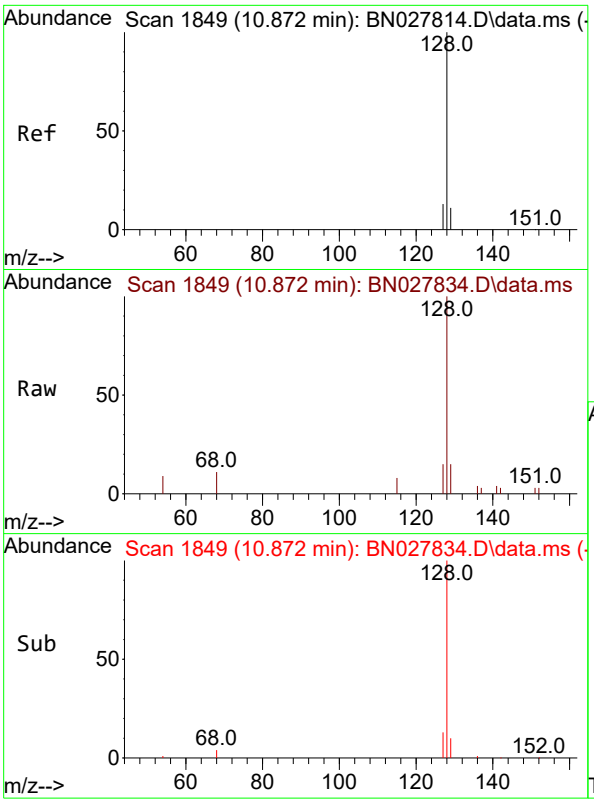
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027834.D
Acq On : 22 Sep 2023 20:55
Operator : MA/JU
Sample : 04387-08
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AB4

Quant Time: Sep 23 03:49:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
Response via : Initial Calibration



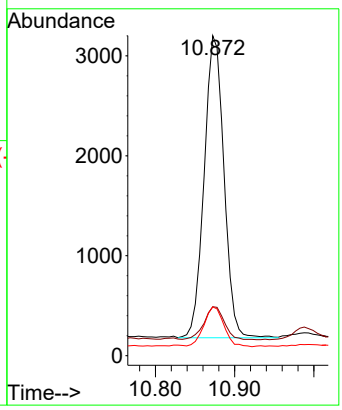


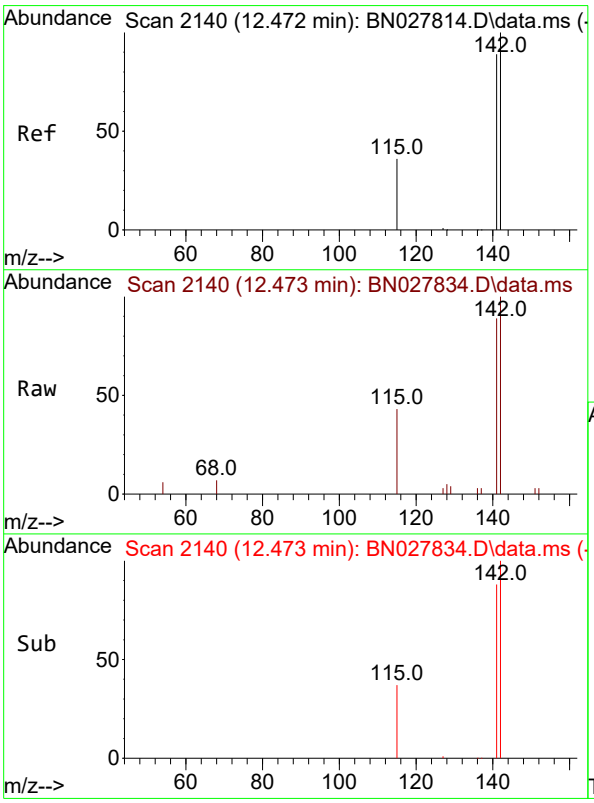
#5
Naphthalene
Concen: 0.104 ng/ul
RT: 10.872 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN027834.D
Acq: 22 Sep 2023 20:55

Instrument :
BNA_N
ClientSampleId :
C0AB4

Tgt Ion:128 Resp: 5240

Ion	Ratio	Lower	Upper
128	100		
129	15.3	9.3	13.9#
127	15.3	10.7	16.1

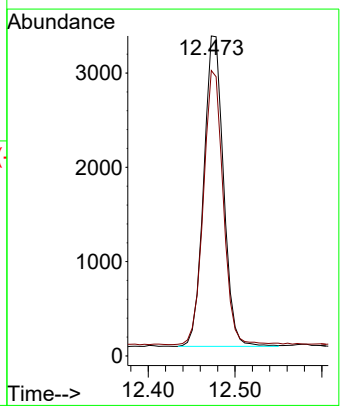


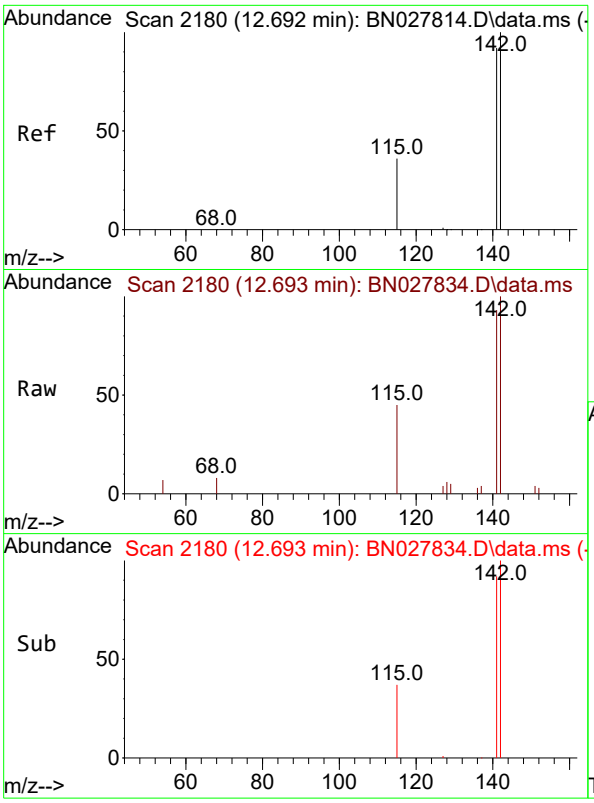


#7
2-Methylnaphthalene
Concen: 0.162 ng/ul
RT: 12.473 min Scan# 2140
Delta R.T. -0.005 min
Lab File: BN027834.D
Acq: 22 Sep 2023 20:55

Tgt Ion:142 Resp: 5202

Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.1	106.7



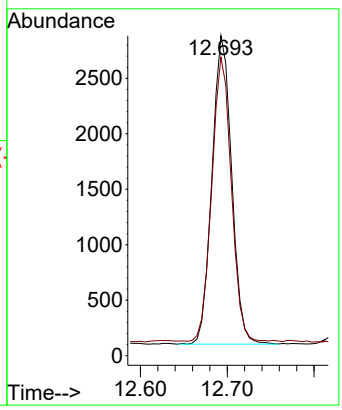


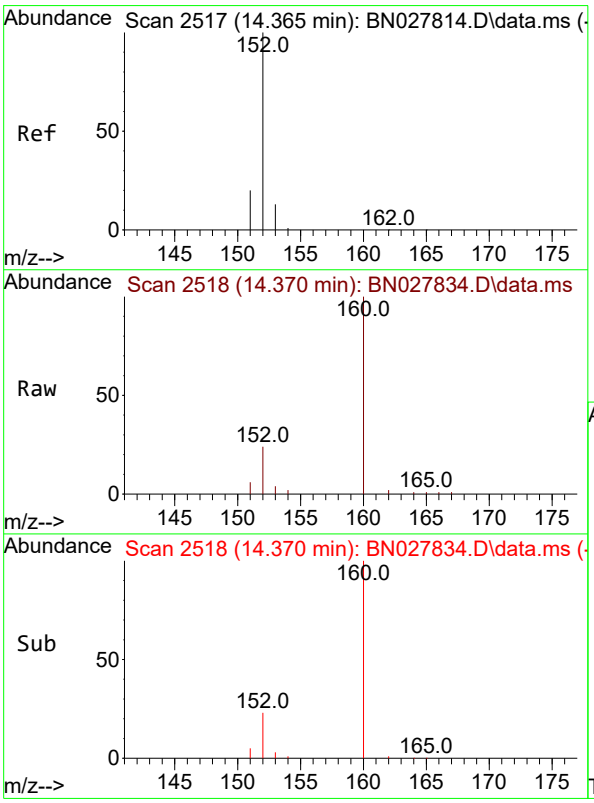
#8
1-Methylnaphthalene
Concen: 0.132 ng/ul
RT: 12.693 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN027834.D
Acq: 22 Sep 2023 20:55

Instrument :
BNA_N
ClientSampleId :
C0AB4

Tgt Ion:142 Resp: 4381

Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.8	109.2

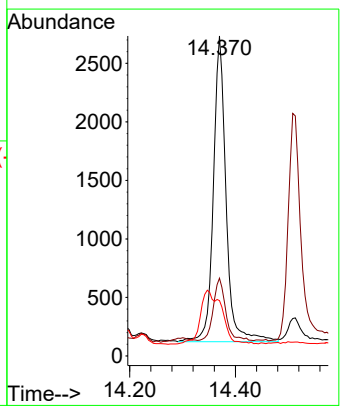


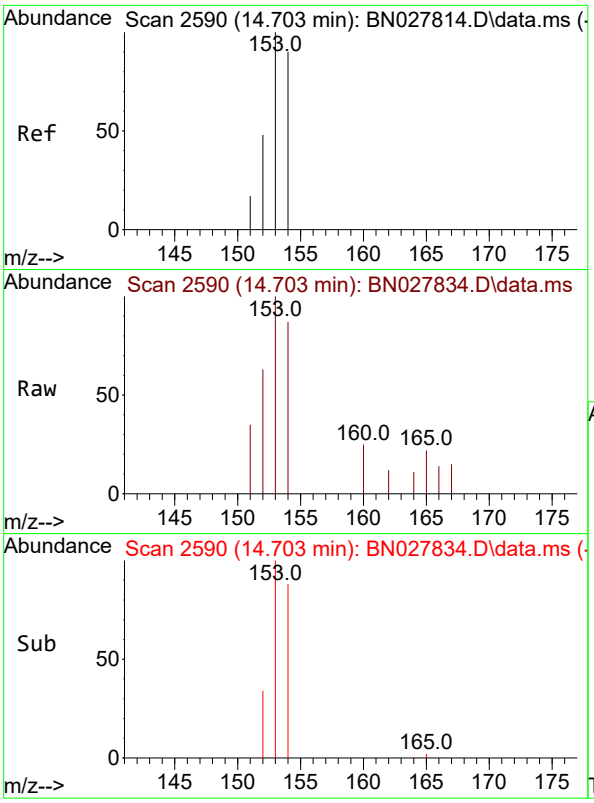


#10
Acenaphthylene
Concen: 0.092 ng/ul
RT: 14.370 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BN027834.D
Acq: 22 Sep 2023 20:55

Tgt Ion:152 Resp: 4358

Ion	Ratio	Lower	Upper
152	100		
151	24.3	16.6	25.0
153	17.3	11.0	16.6#



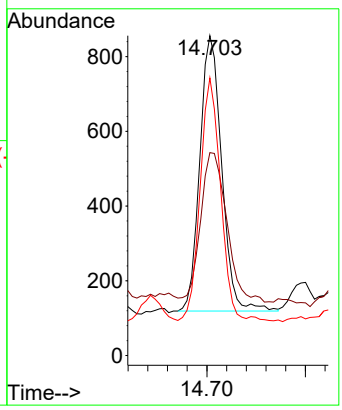


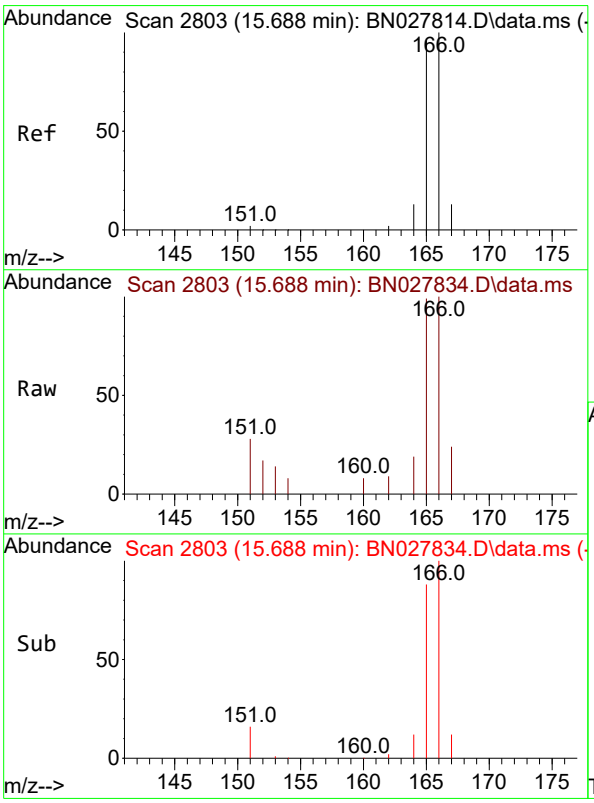
#11
Acenaphthene
Concen: 0.028 ng/ul
RT: 14.703 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN027834.D
Acq: 22 Sep 2023 20:55

Instrument :
BNA_N
ClientSampleId :
C0AB4

Tgt Ion:153 Resp: 1138

Ion	Ratio	Lower	Upper
153	100		
152	63.4	41.7	62.5#
154	86.8	70.3	105.5

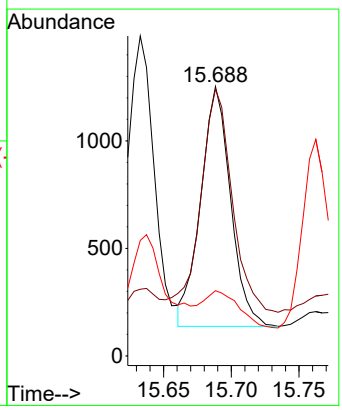


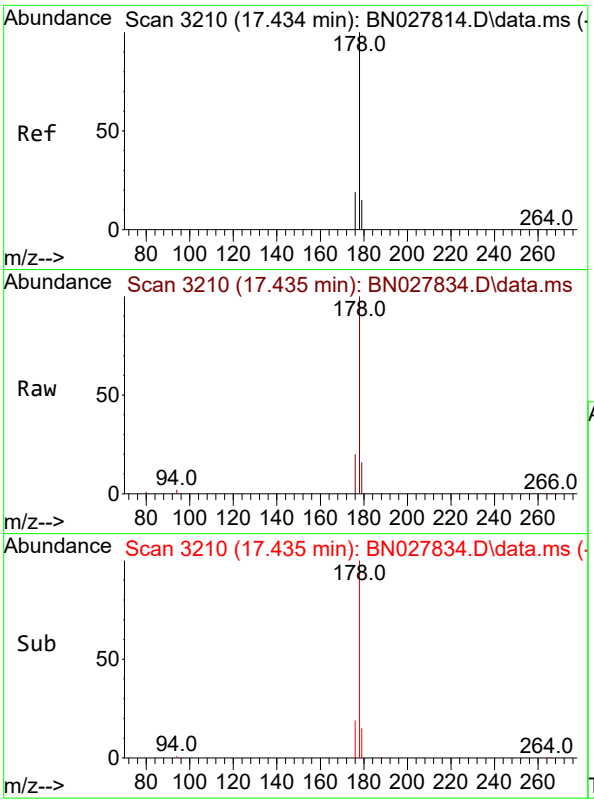


#12
Fluorene
Concen: 0.036 ng/ul
RT: 15.688 min Scan# 2803
Delta R.T. 0.000 min
Lab File: BN027834.D
Acq: 22 Sep 2023 20:55

Tgt Ion:166 Resp: 1717

Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.0	117.0
167	24.2	11.4	17.2#



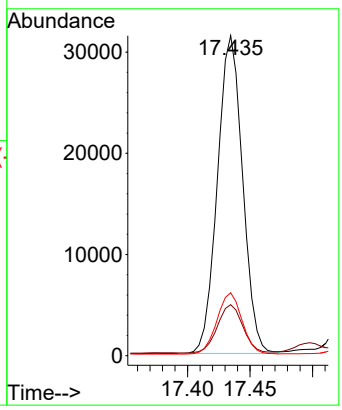


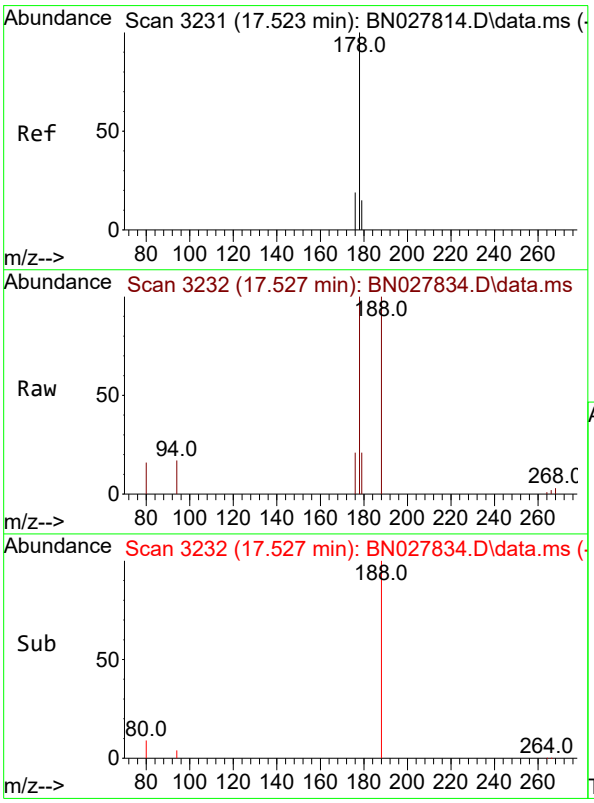
#15
Phenanthrene
Concen: 0.561 ng/ul
RT: 17.435 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN027834.D
Acq: 22 Sep 2023 20:55

Instrument :
BNA_N
ClientSampleId :
C0AB4

Tgt Ion:178 Resp: 43923

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.4	18.6
176	19.6	16.0	24.0

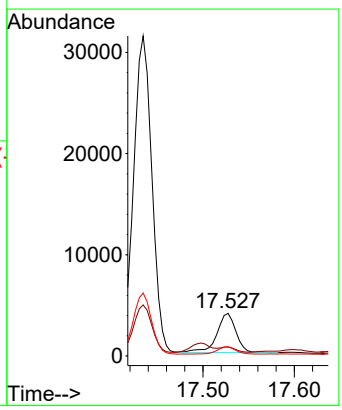


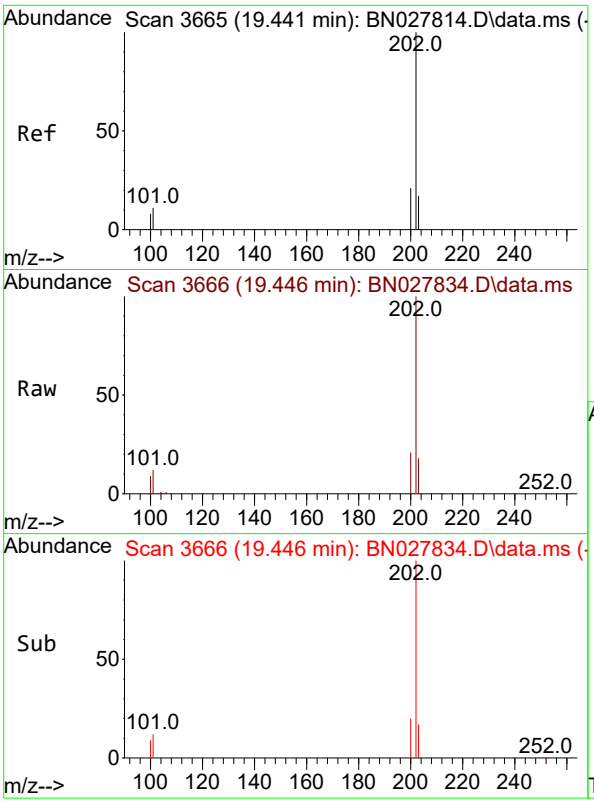


#16
Anthracene
Concen: 0.085 ng/ul
RT: 17.527 min Scan# 3232
Delta R.T. 0.000 min
Lab File: BN027834.D
Acq: 22 Sep 2023 20:55

Tgt Ion:178 Resp: 5587

Ion	Ratio	Lower	Upper
178	100		
179	21.1	12.6	19.0#
176	21.4	15.5	23.3



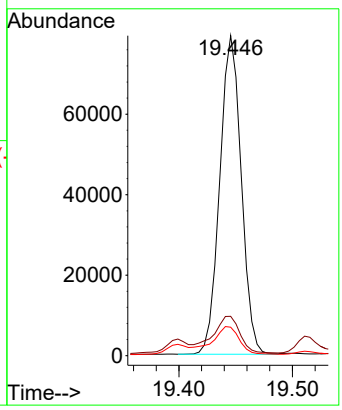


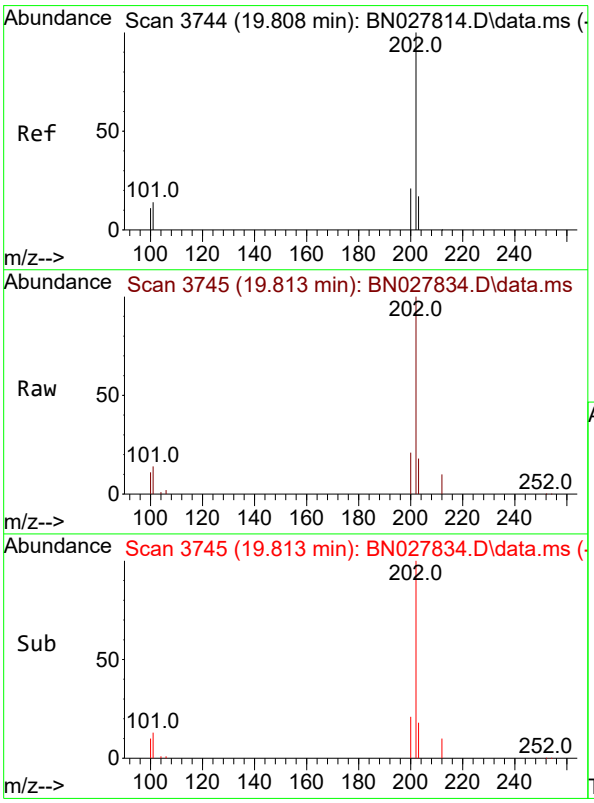
#19
Fluoranthene
Concen: 1.251 ng/ul
RT: 19.446 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN027834.D
Acq: 22 Sep 2023 20:55

Instrument :
BNA_N
ClientSampleId :
C0AB4

Tgt Ion:202 Resp: 103897

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.3	13.9
100	8.9	7.0	10.4

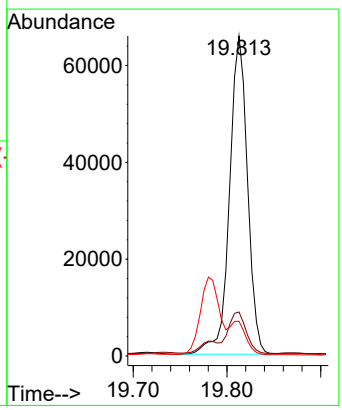


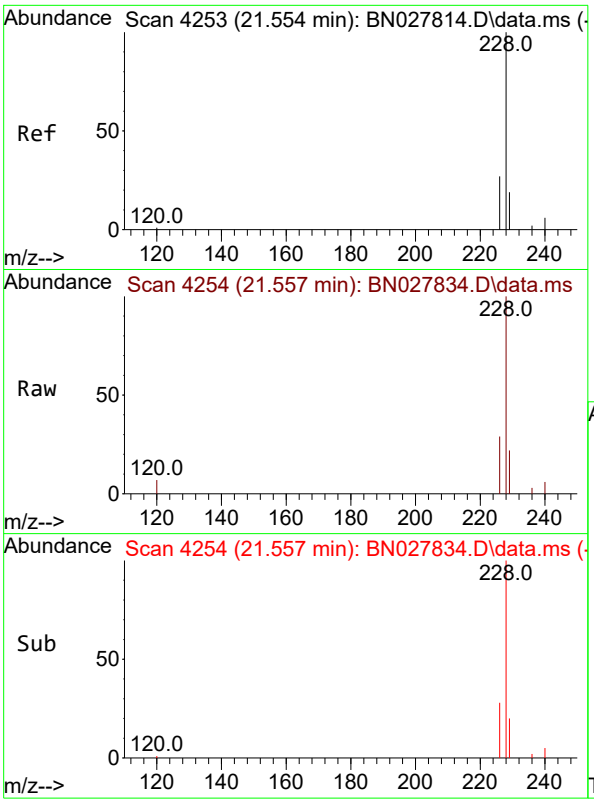


#20
Pyrene
Concen: 1.026 ng/ul
RT: 19.813 min Scan# 3745
Delta R.T. 0.000 min
Lab File: BN027834.D
Acq: 22 Sep 2023 20:55

Tgt Ion:202 Resp: 87740

Ion	Ratio	Lower	Upper
202	100		
101	13.7	11.4	17.0
100	10.8	9.1	13.7



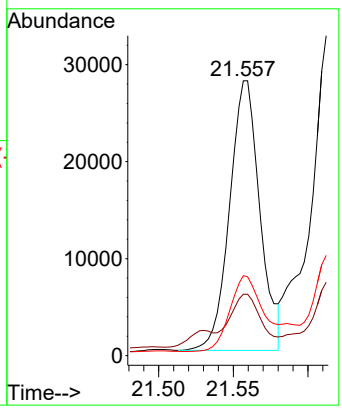


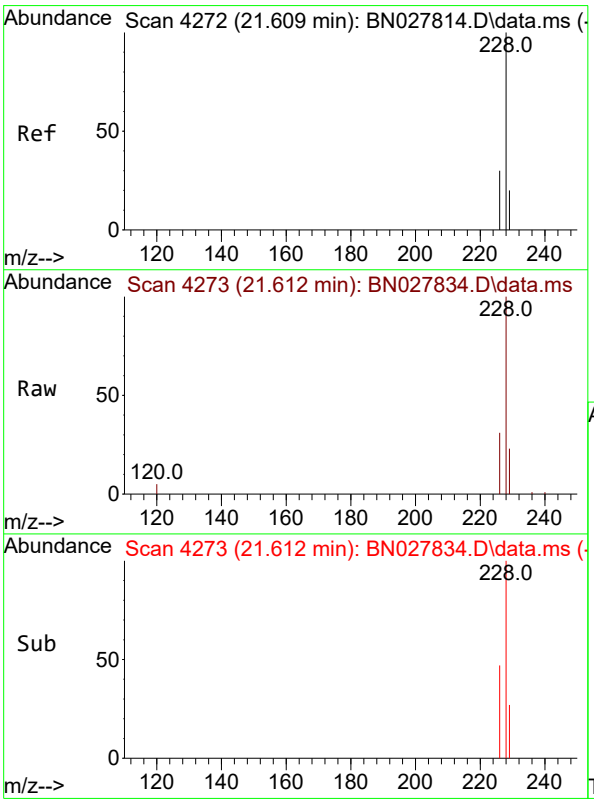
#21
Benzo(a)anthracene
Concen: 0.493 ng/ul
RT: 21.557 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN027834.D
Acq: 22 Sep 2023 20:55

Instrument :
BNA_N
ClientSampleId :
C0AB4

Tgt Ion:228 Resp: 39182

Ion	Ratio	Lower	Upper
228	100		
229	22.3	15.8	23.8
226	29.1	22.0	33.0

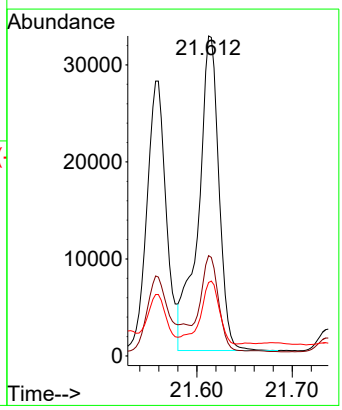


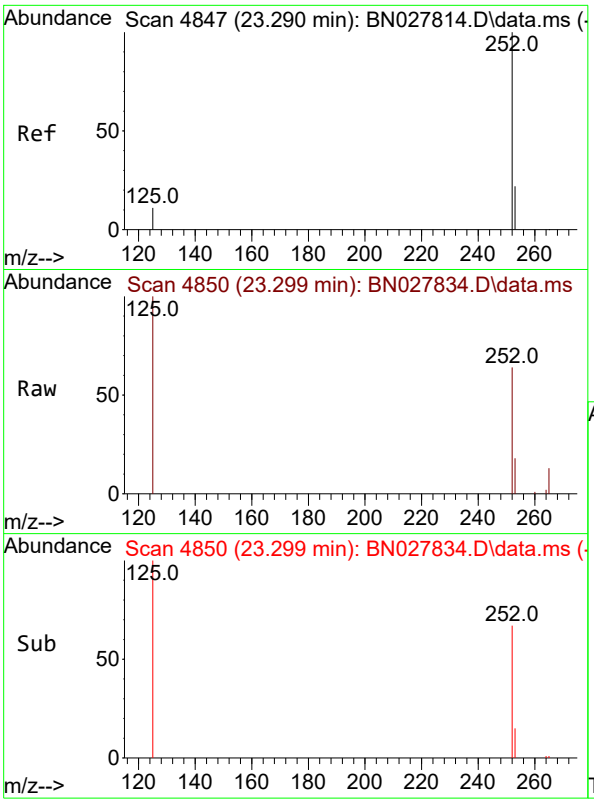


#22
Chrysene
Concen: 0.592 ng/ul
RT: 21.612 min Scan# 4273
Delta R.T. 0.003 min
Lab File: BN027834.D
Acq: 22 Sep 2023 20:55

Tgt Ion:228 Resp: 48606

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.5	36.7
229	23.0	16.0	24.0



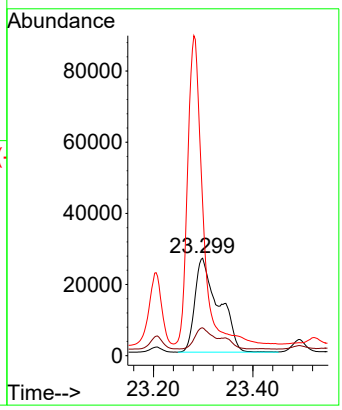


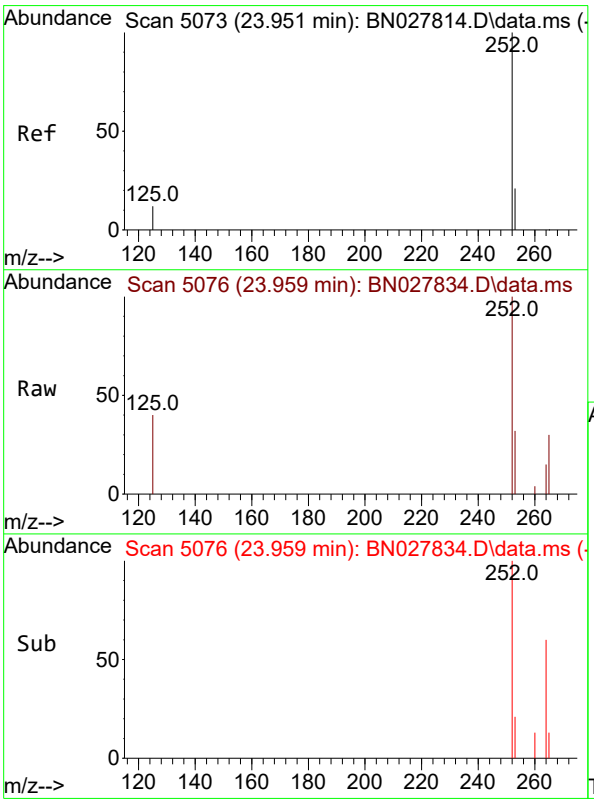
#24
Benzo(b)fluoranthene
Concen: 1.070 ng/ul
RT: 23.299 min Scan# 4
Delta R.T. 0.009 min
Lab File: BN027834.D
Acq: 22 Sep 2023 20:55

Instrument :
BNA_N
ClientSampleId :
C0AB4

Tgt Ion:252 Resp: 87885

Ion	Ratio	Lower	Upper
252	100		
253	28.6	0.0	50.2
125	155.5	0.0	31.4#

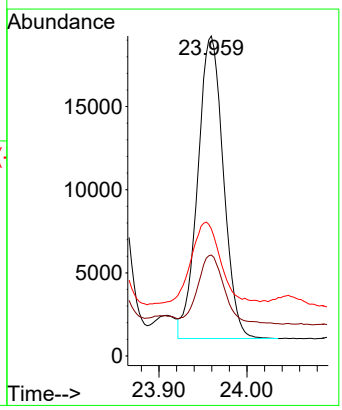


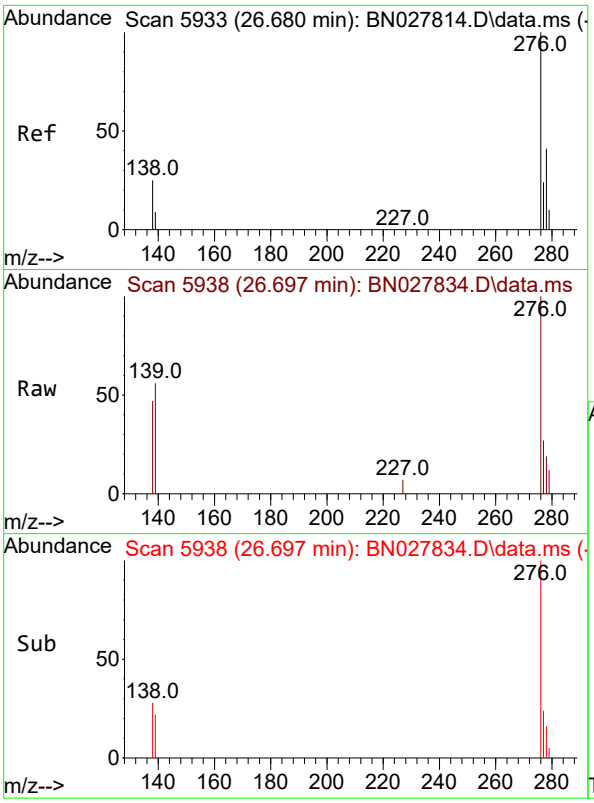


#26
Benzo(a)pyrene
Concen: 0.559 ng/ul
RT: 23.959 min Scan# 5076
Delta R.T. 0.009 min
Lab File: BN027834.D
Acq: 22 Sep 2023 20:55

Tgt Ion:252 Resp: 36908

Ion	Ratio	Lower	Upper
252	100		
253	31.5	21.9	32.9
125	39.7	15.5	23.3#



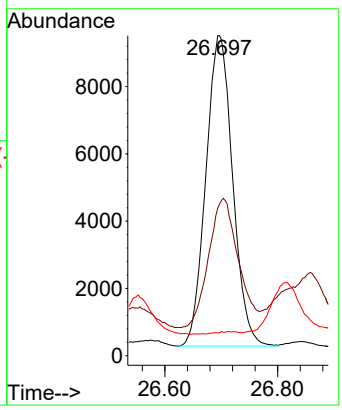


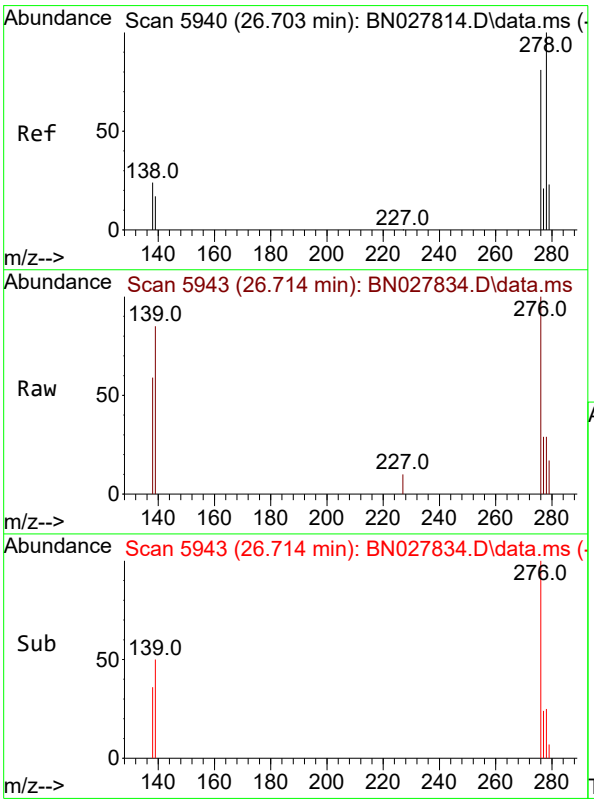
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.360 ng/ul
RT: 26.697 min Scan# 5
Delta R.T. 0.014 min
Lab File: BN027834.D
Acq: 22 Sep 2023 20:55

Instrument :
BNA_N
ClientSampleId :
C0AB4

Tgt Ion:276 Resp: 30458

Ion	Ratio	Lower	Upper
276	100		
138	47.5	24.3	36.5#
227	0.5	0.0	0.0#

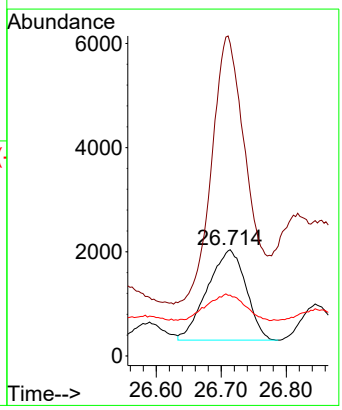


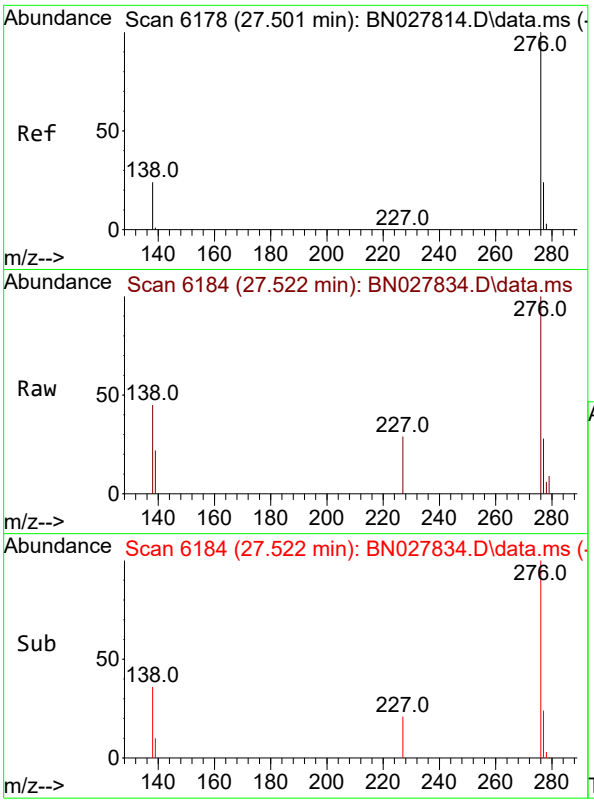


#28
Dibenzo(a,h)anthracene
Concen: 0.105 ng/ul
RT: 26.714 min Scan# 5943
Delta R.T. 0.007 min
Lab File: BN027834.D
Acq: 22 Sep 2023 20:55

Tgt Ion:278 Resp: 7163

Ion	Ratio	Lower	Upper
278	100		
139	293.9	17.2	25.8#
279	57.2	21.4	32.0#





#29
Benzo(g,h,i)perylene
Concen: 0.399 ng/ul
RT: 27.522 min Scan# 6
Delta R.T. 0.017 min
Lab File: BN027834.D
Acq: 22 Sep 2023 20:55

Instrument :
BNA_N
ClientSampleId :
C0AB4

Tgt Ion:276 Resp: 28645

Ion	Ratio	Lower	Upper
276	100		
138	44.7	21.7	32.5#
277	27.8	20.2	30.2