Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027794.D
Acq On : 21 Sep 2023 19:28
Operator : MA/JU
Sample : 04330-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EZYL4

Quant Time: Sep 22 04:01:28 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	8.008	152	5750	0.400	ng/ul	0.00
4) Naphthalene-d8	10.828	136	19270	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.643	164	11778	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.392	188	25334	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	21154	0.400	ng/ul	# 0.00
23) Perylene-d12	24.068	264	19239	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	15395	2.126	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.407	152	7598	0.260	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	18626	0.288	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.878	128	13751	0.250	ng/ul	98
7) 2-Methylnaphthalene	12.478	142	9786	0.280	ng/ul	100
8) 1-Methylnaphthalene	12.698	142	5441	0.151	ng/ul	99
10) Acenaphthylene	14.370	152	29284	0.569	ng/ul	99
11) Acenaphthene	14.707	153	10128	0.228	ng/ul	99
12) Fluorene	15.688	166	4040	0.077	ng/ul#	95
15) Phenanthrene	17.434	178	88670	1.114	ng/ul	99
16) Anthracene	17.527	178	38854	0.583	ng/ul	99
19) Fluoranthene	19.445	202	395746	4.626	ng/ul	99
20) Pyrene	19.813	202	457007	5.186	ng/ul	97
21) Benzo(a)anthracene	21.557	228	385596	4.711	ng/ul	99
22) Chrysene	21.612	228	467991	5.533	ng/ul	97
24) Benzo(b)fluoranthene	23.296	252	1026982	11.975	ng/ul	96
26) Benzo(a)pyrene	23.956	252	537432	7.792	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.690	276	377256	4.269	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.703	278	90055	1.266	ng/ul#	91
29) Benzo(g,h,i)perylene	27.515	276	395834	5.274	ng/ul	97

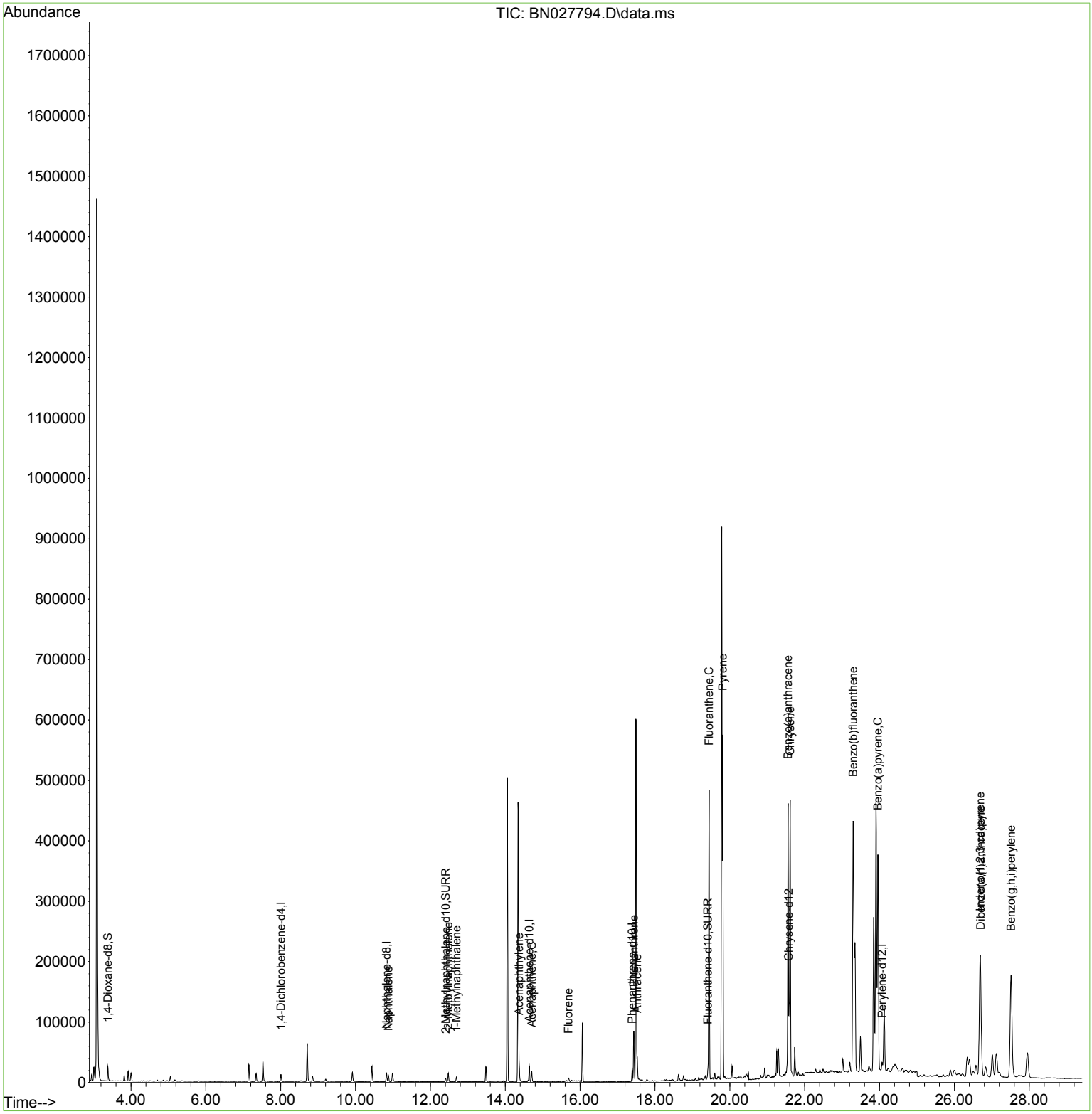
(#) = qualifier out of range (m) = manual integration (+) = signals summed

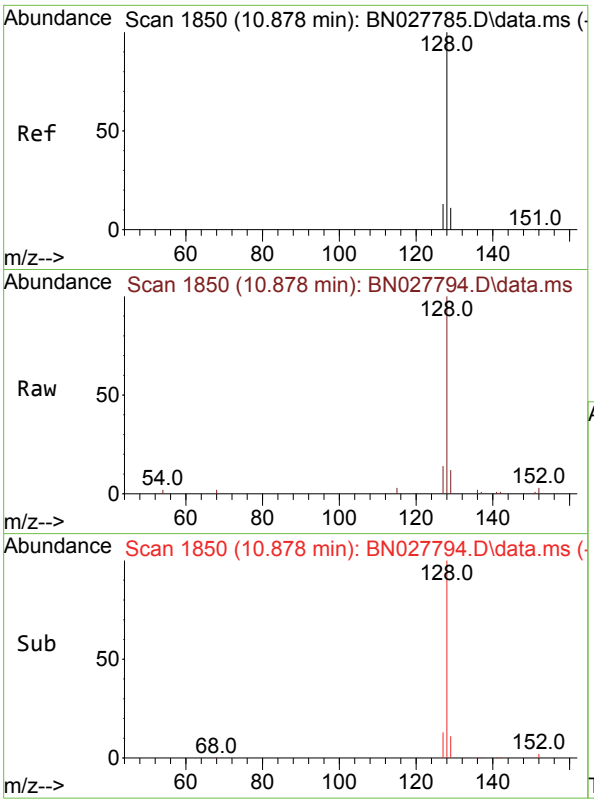
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027794.D
Acq On : 21 Sep 2023 19:28
Operator : MA/JU
Sample : 04330-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EZYL4

Quant Time: Sep 22 04:01:28 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



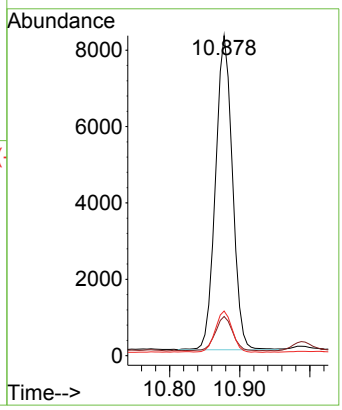


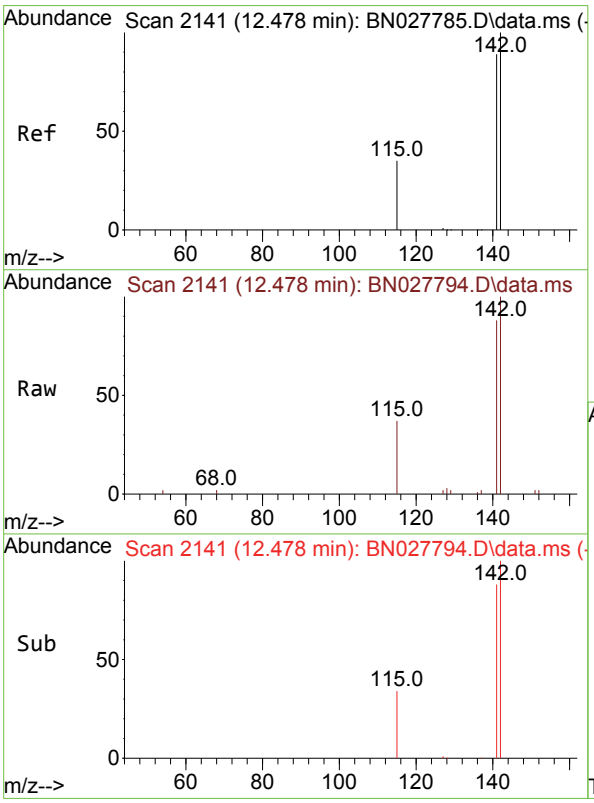
#5
Naphthalene
Concen: 0.250 ng/ul
RT: 10.878 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN027794.D
Acq: 21 Sep 2023 19:28

Instrument :
BNA_N
ClientSampleId :
EZYL4

Tgt Ion:128 Resp: 13751

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.3	13.9
127	14.0	10.7	16.1

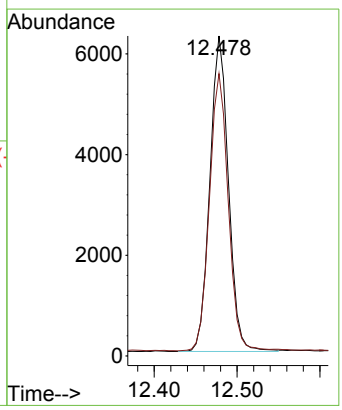


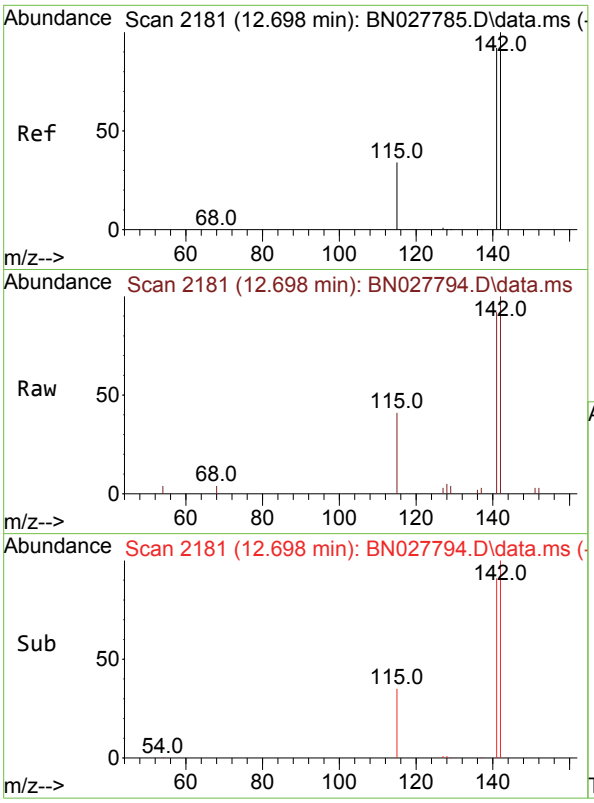


#7
2-Methylnaphthalene
Concen: 0.280 ng/ul
RT: 12.478 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BN027794.D
Acq: 21 Sep 2023 19:28

Tgt Ion:142 Resp: 9786

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.1	106.7



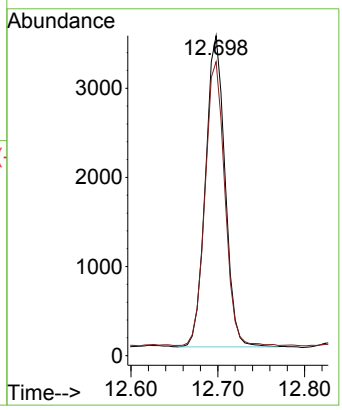


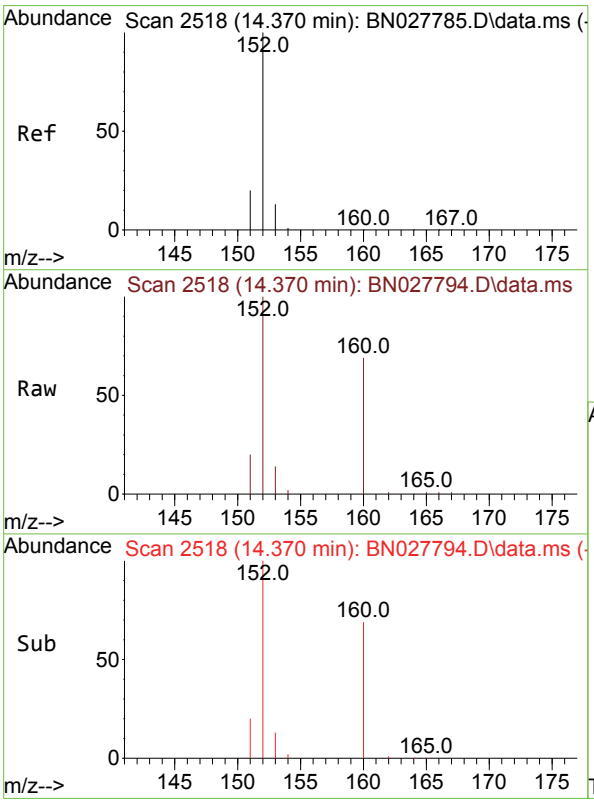
#8
1-Methylnaphthalene
Concen: 0.151 ng/ul
RT: 12.698 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027794.D
Acq: 21 Sep 2023 19:28

Instrument :
BNA_N
ClientSampleId :
EZYL4

Tgt Ion:142 Resp: 5441

Ion	Ratio	Lower	Upper
142	100		
141	92.0	72.8	109.2

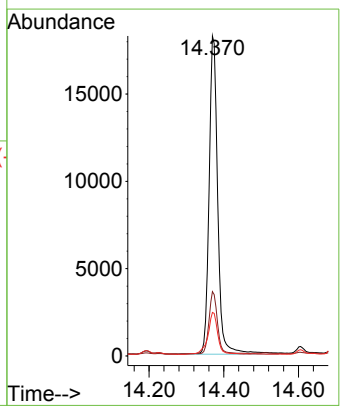


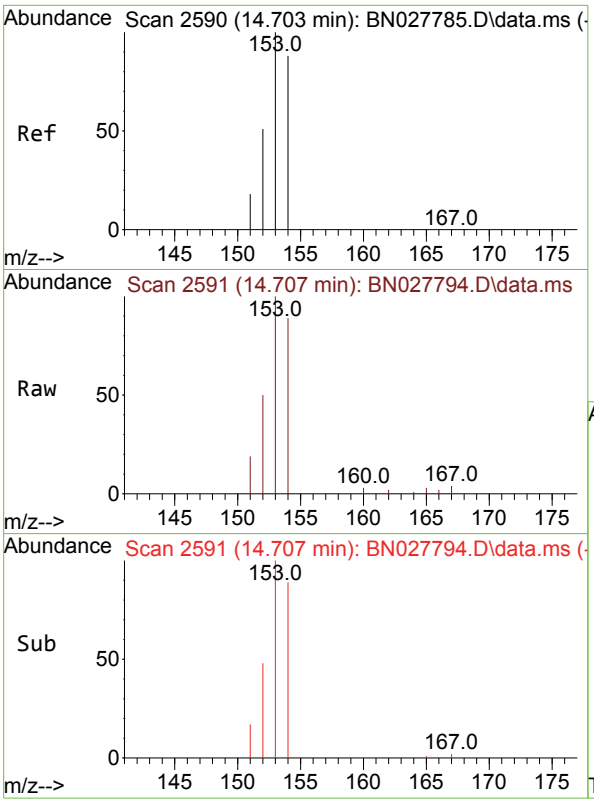


#10
Acenaphthylene
Concen: 0.569 ng/ul
RT: 14.370 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BN027794.D
Acq: 21 Sep 2023 19:28

Tgt Ion:152 Resp: 29284

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.6	25.0
153	13.6	11.0	16.6



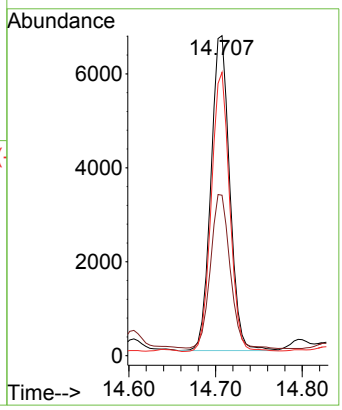


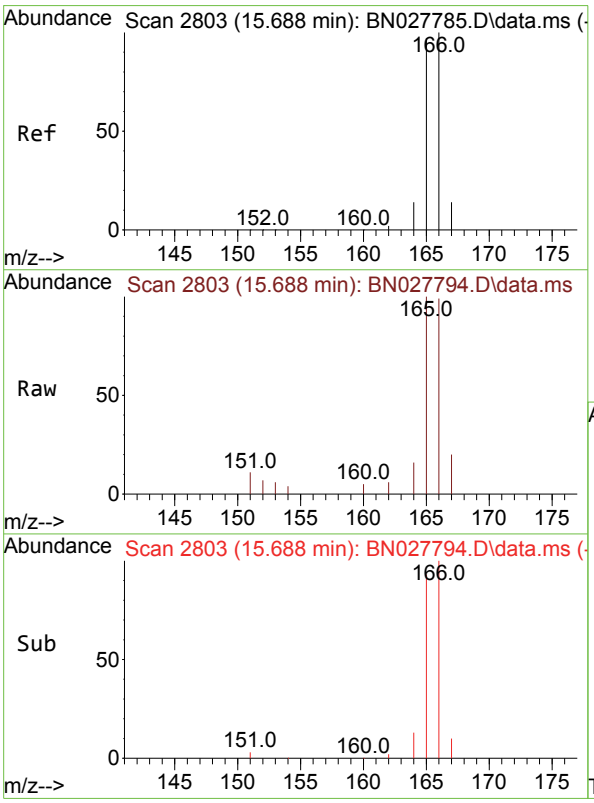
#11
Acenaphthene
Concen: 0.228 ng/ul
RT: 14.707 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN027794.D
Acq: 21 Sep 2023 19:28

Instrument :
BNA_N
ClientSampleId :
EZYL4

Tgt Ion:153 Resp: 10128

Ion	Ratio	Lower	Upper
153	100		
152	50.2	41.7	62.5
154	88.5	70.3	105.5

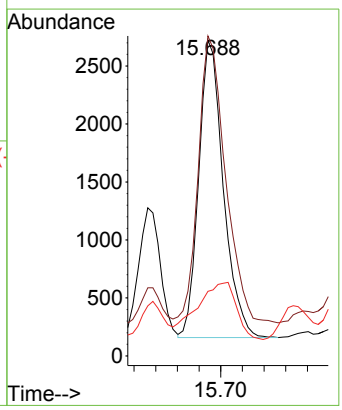


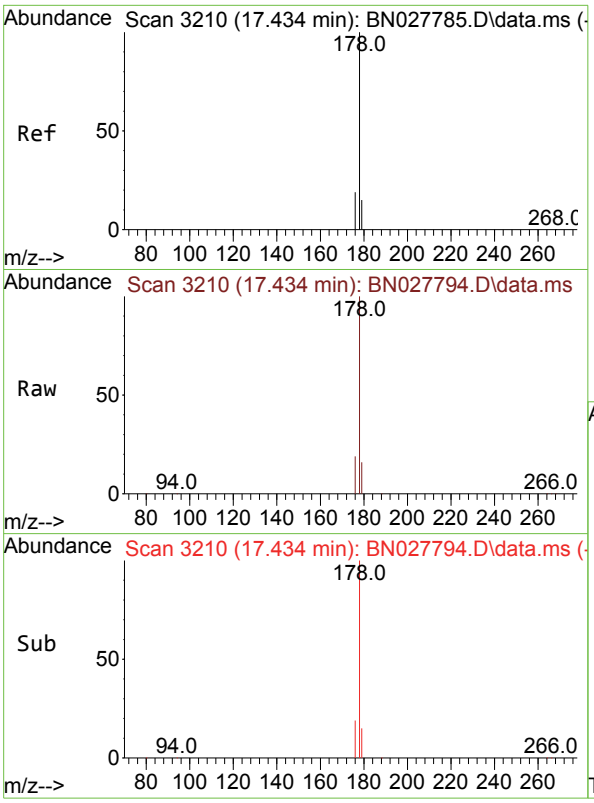


#12
Fluorene
Concen: 0.077 ng/ul
RT: 15.688 min Scan# 2803
Delta R.T. 0.000 min
Lab File: BN027794.D
Acq: 21 Sep 2023 19:28

Tgt Ion:166 Resp: 4040

Ion	Ratio	Lower	Upper
166	100		
165	101.3	78.0	117.0
167	20.4	11.4	17.2#



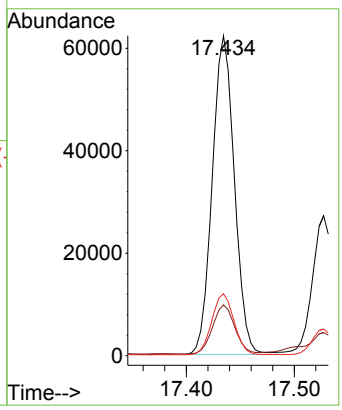


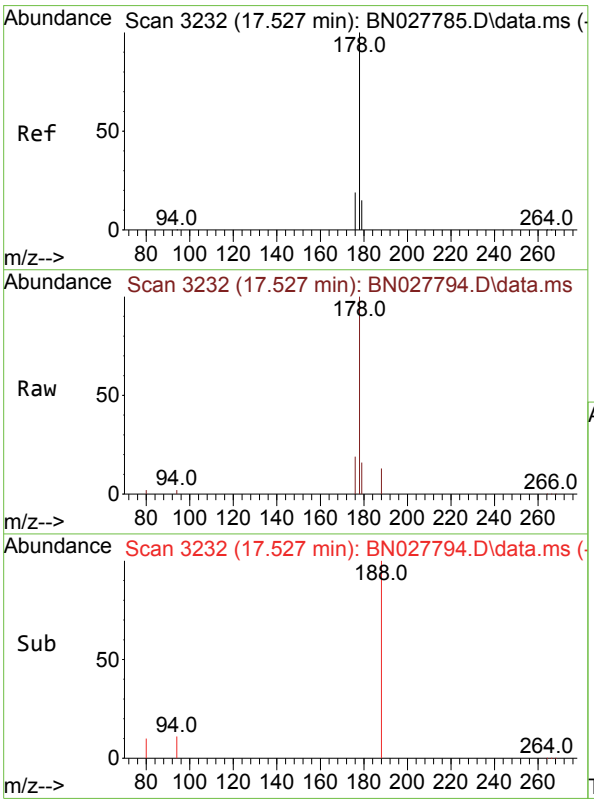
#15
Phenanthrene
Concen: 1.114 ng/ul
RT: 17.434 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN027794.D
Acq: 21 Sep 2023 19:28

Instrument :
BNA_N
ClientSampleId :
EZYL4

Tgt Ion:178 Resp: 88670

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.4	18.6
176	19.4	16.0	24.0

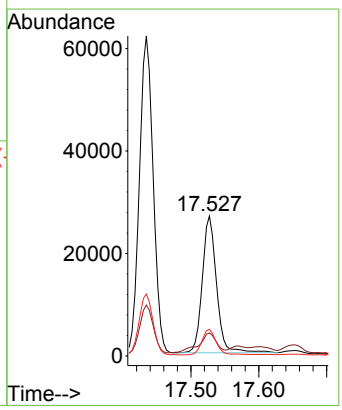


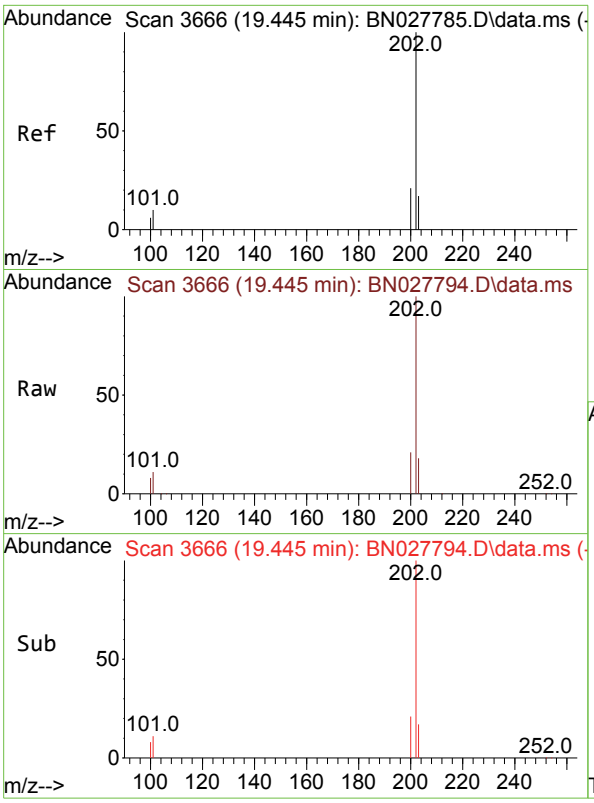


#16
Anthracene
Concen: 0.583 ng/ul
RT: 17.527 min Scan# 3232
Delta R.T. 0.000 min
Lab File: BN027794.D
Acq: 21 Sep 2023 19:28

Tgt Ion:178 Resp: 38854

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.6	19.0
176	19.0	15.5	23.3



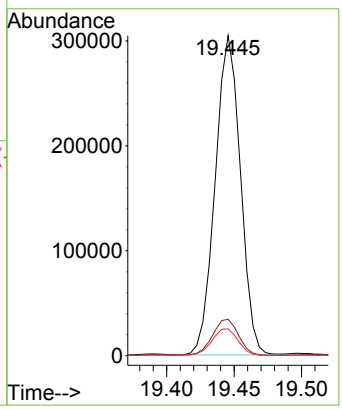


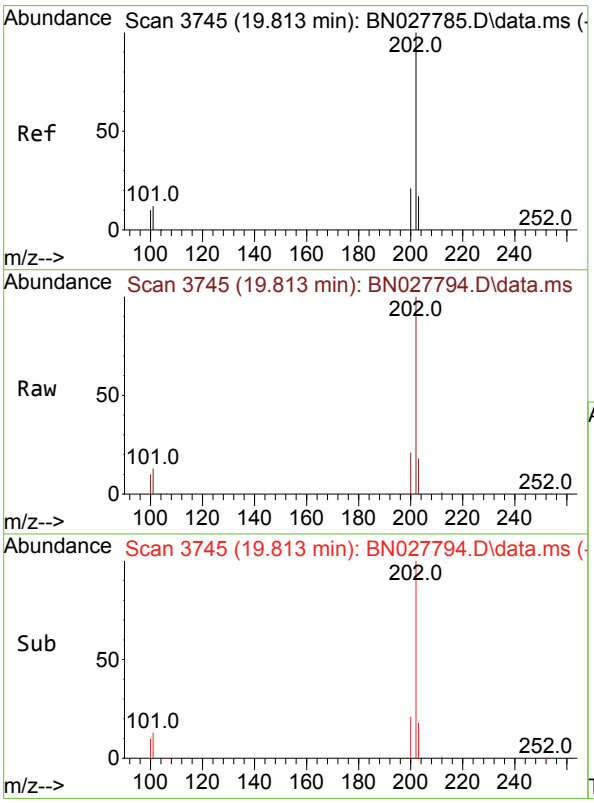
#19
Fluoranthene
Concen: 4.626 ng/ul
RT: 19.445 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN027794.D
Acq: 21 Sep 2023 19:28

Instrument :
BNA_N
ClientSampleId :
EZYL4

Tgt Ion:202 Resp: 395746

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.3	13.9
100	8.4	7.0	10.4

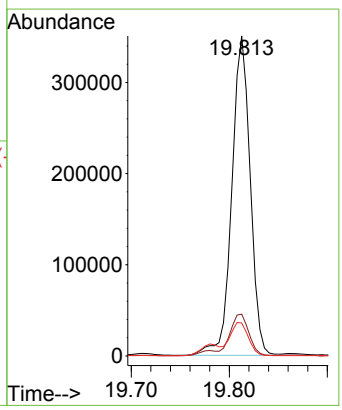


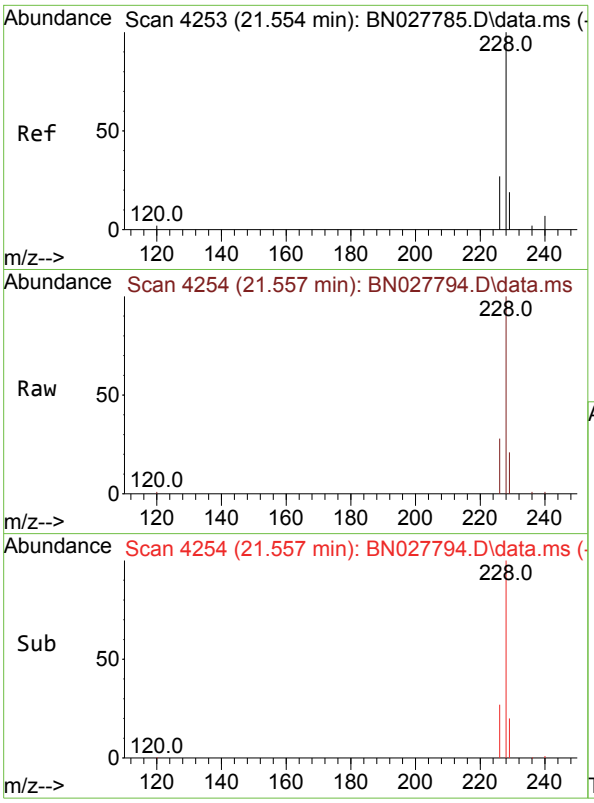


#20
Pyrene
Concen: 5.186 ng/ul
RT: 19.813 min Scan# 3745
Delta R.T. 0.000 min
Lab File: BN027794.D
Acq: 21 Sep 2023 19:28

Tgt Ion:202 Resp: 457007

Ion	Ratio	Lower	Upper
202	100		
101	13.0	11.4	17.0
100	10.3	9.1	13.7



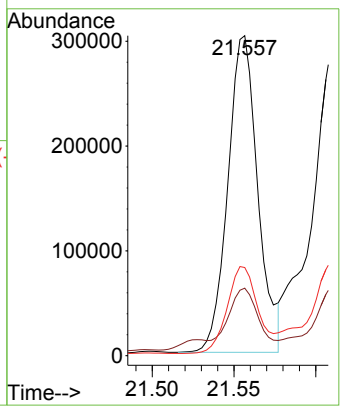


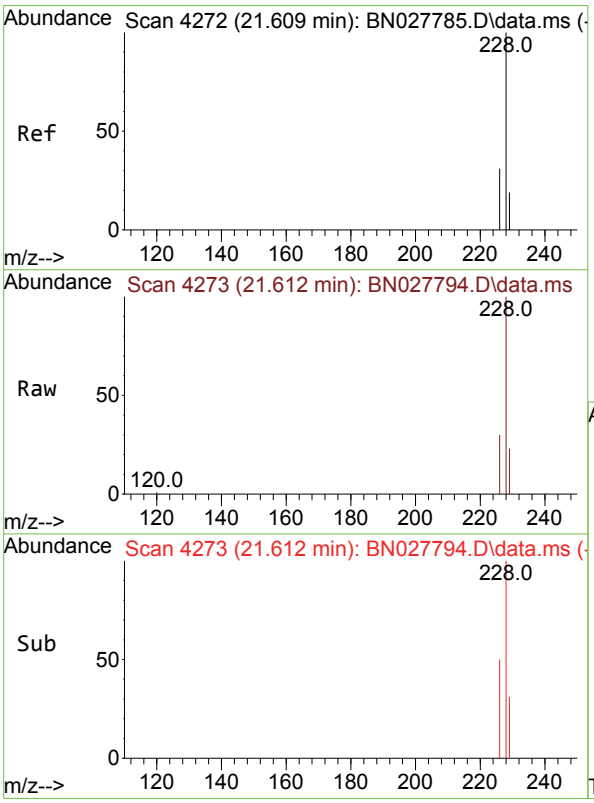
#21
Benzo(a)anthracene
Concen: 4.711 ng/ul
RT: 21.557 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN027794.D
Acq: 21 Sep 2023 19:28

Instrument :
BNA_N
ClientSampleId :
EZYL4

Tgt Ion:228 Resp: 385596

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.8	23.8
226	27.5	22.0	33.0

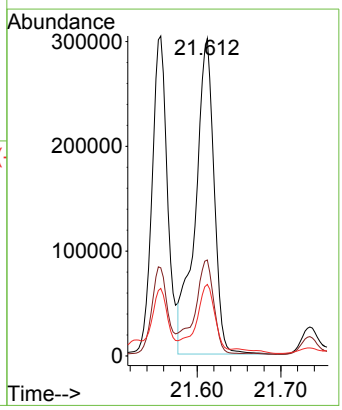


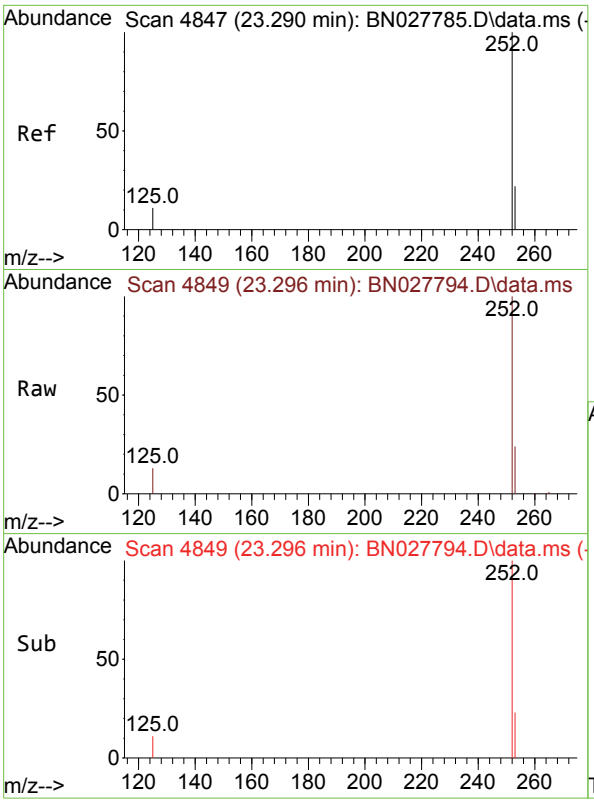


#22
Chrysene
Concen: 5.533 ng/ul
RT: 21.612 min Scan# 4273
Delta R.T. 0.003 min
Lab File: BN027794.D
Acq: 21 Sep 2023 19:28

Tgt Ion:228 Resp: 467991

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.5	36.7
229	22.5	16.0	24.0



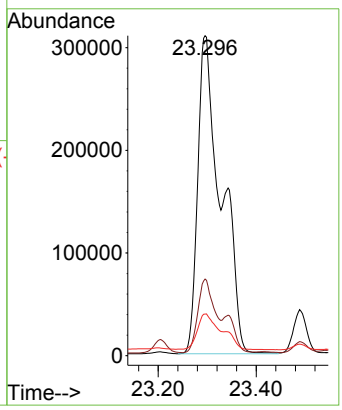


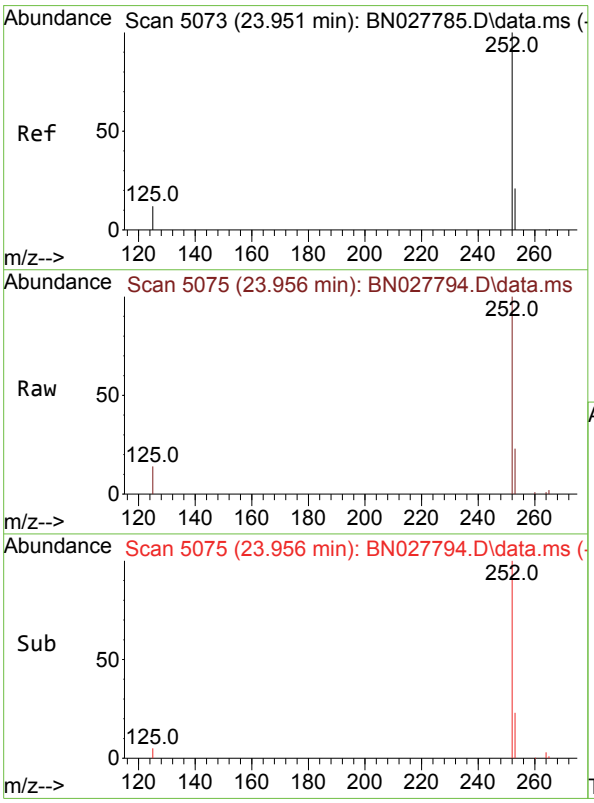
#24
Benzo(b)fluoranthene
Concen: 11.975 ng/ul
RT: 23.296 min Scan# 4
Delta R.T. 0.006 min
Lab File: BN027794.D
Acq: 21 Sep 2023 19:28

Instrument :
BNA_N
ClientSampleId :
EZYL4

Tgt Ion:252 Resp: 1026982

Ion	Ratio	Lower	Upper
252	100		
253	24.0	0.0	50.2
125	13.0	0.0	31.4

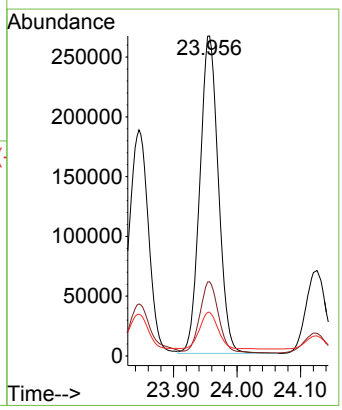


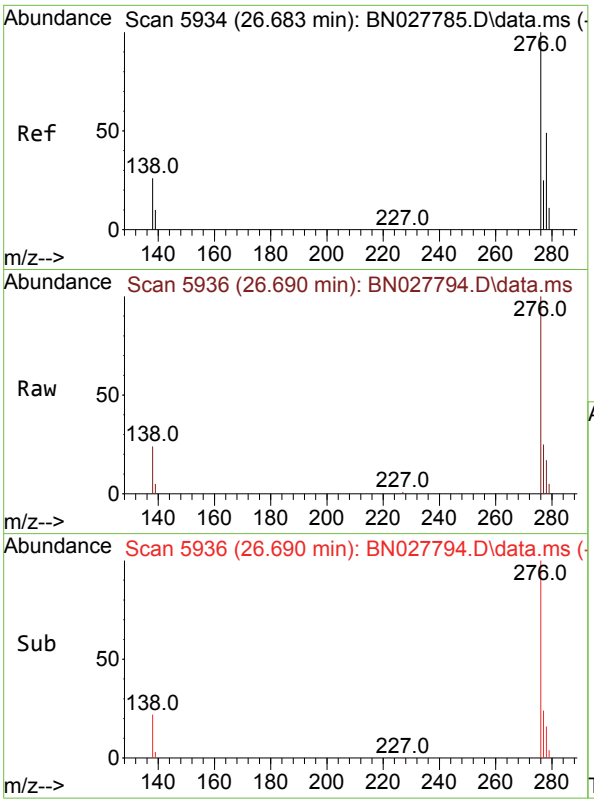


#26
Benzo(a)pyrene
Concen: 7.792 ng/ul
RT: 23.956 min Scan# 5075
Delta R.T. 0.006 min
Lab File: BN027794.D
Acq: 21 Sep 2023 19:28

Tgt Ion:252 Resp: 537432

Ion	Ratio	Lower	Upper
252	100		
253	23.2	21.9	32.9
125	13.7	15.5	23.3#



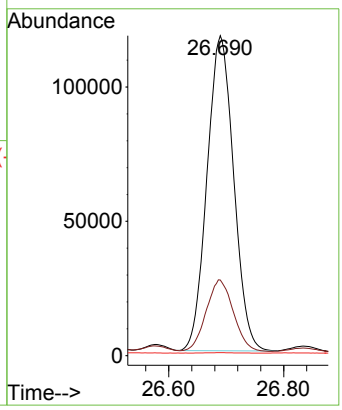


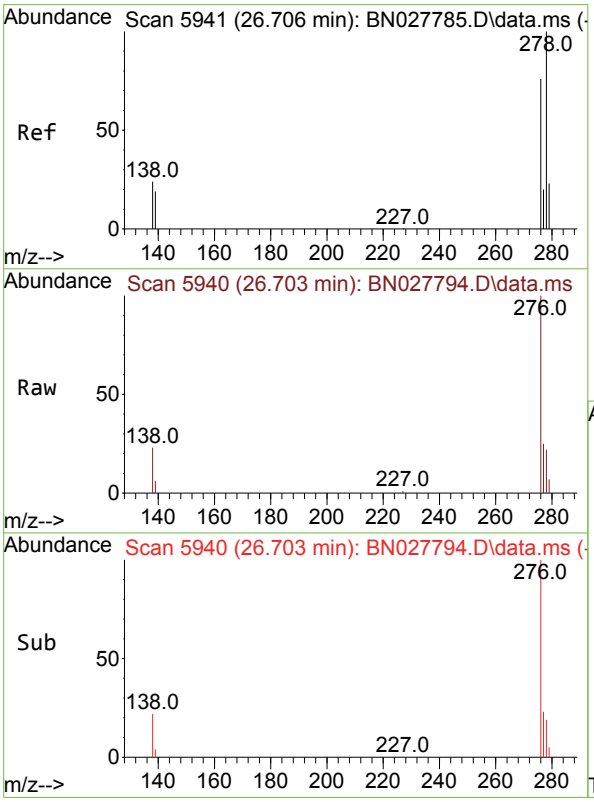
#27
Indeno(1,2,3-cd)pyrene
Concen: 4.269 ng/ul
RT: 26.690 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN027794.D
Acq: 21 Sep 2023 19:28

Instrument :
BNA_N
ClientSampleId :
EZYL4

Tgt Ion:276 Resp: 377256

Ion	Ratio	Lower	Upper
276	100		
138	23.1	24.3	36.5#
227	0.1	0.0	0.0#

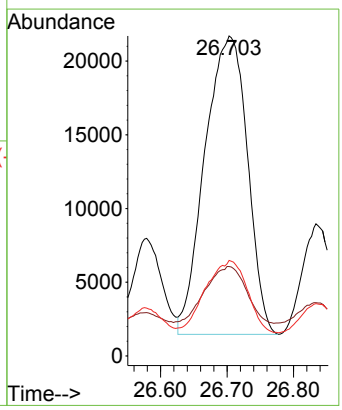


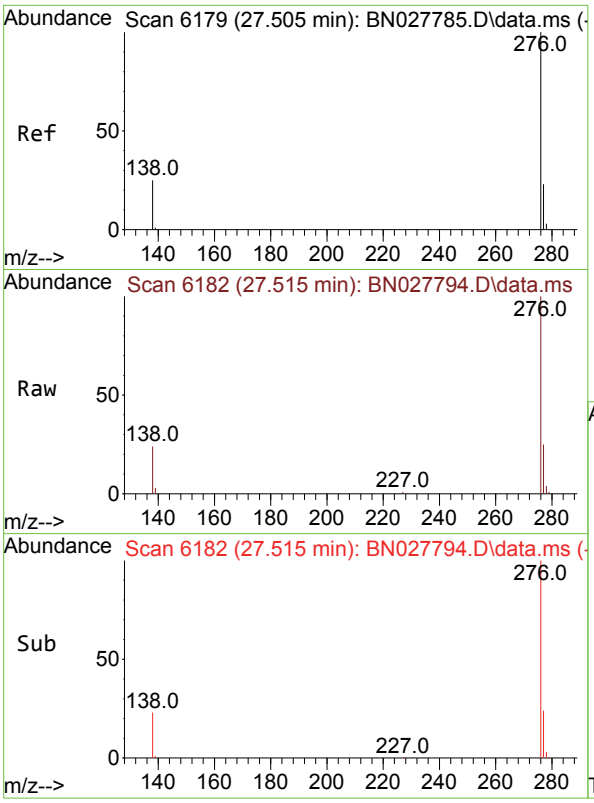


#28
Dibenzo(a,h)anthracene
Concen: 1.266 ng/ul
RT: 26.703 min Scan# 5940
Delta R.T. -0.003 min
Lab File: BN027794.D
Acq: 21 Sep 2023 19:28

Tgt Ion:278 Resp: 90055

Ion	Ratio	Lower	Upper
278	100		
139	27.9	17.2	25.8#
279	29.8	21.4	32.0





#29
Benzo(g,h,i)perylene
Concen: 5.274 ng/ul
RT: 27.515 min Scan# 6
Delta R.T. 0.010 min
Lab File: BN027794.D
Acq: 21 Sep 2023 19:28

Instrument :
BNA_N
ClientSampleId :
EZYL4

Tgt Ion:276 Resp: 395834

Ion	Ratio	Lower	Upper
276	100		
138	24.4	21.7	32.5
277	24.7	20.2	30.2