Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
Data File : BN025995.D
Acq On : 24 Jun 2023 08:22
Operator : MA/JU
Sample : 03085-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCFQ0

Quant Time: Jun 24 23:48:04 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 : Thu Jun 22 01:27:41 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	8883	0.400	ng/ul	0.00
4) Naphthalene-d8	10.787	136	28091	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.612	164	17343	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.359	188	37201	0.400	ng/ul	0.00
17) Chrysene-d12	21.546	240	20528	0.400	ng/ul	0.00
23) Perylene-d12	24.013	264	21257	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	30767	3.076	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.370	152	9860	0.228	ng/ul	-0.01
18) Fluoranthene-d10	19.386	212	22698	0.291	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.836	128	112638	1.399	ng/ul	99
7) 2-Methylnaphthalene	12.447	142	36607	0.714	ng/ul	99
8) 1-Methylnaphthalene	12.667	142	16672	0.314	ng/ul	100
10) Acenaphthylene	14.334	152	148861	1.833	ng/ul	99
11) Acenaphthene	14.676	153	16866	0.254	ng/ul	98
12) Fluorene	15.662	166	20838	0.274	ng/ul#	98
15) Phenanthrene	17.402	178	448997	3.654	ng/ul	99
16) Anthracene	17.490	178	203477	1.863	ng/ul	99
19) Fluoranthene	19.414	202	1071797	9.775	ng/ul	98
20) Pyrene	19.776	202	892366	7.825	ng/ul	97
21) Benzo(a)anthracene	21.531	228	618829	7.307	ng/ul	97
22) Chrysene	21.581	228	832795	9.451	ng/ul	98
24) Benzo(b)fluoranthene	23.262	252	2100762	23.154	ng/ul	89
26) Benzo(a)pyrene	23.908	252	947972	12.030	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.594	276	820326	9.531	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.601	278	204472	3.139	ng/ul	92
29) Benzo(g,h,i)perylene	27.409	276	817577	10.678	ng/ul	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
Data File : BN025995.D
Acq On : 24 Jun 2023 08:22
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Misc :
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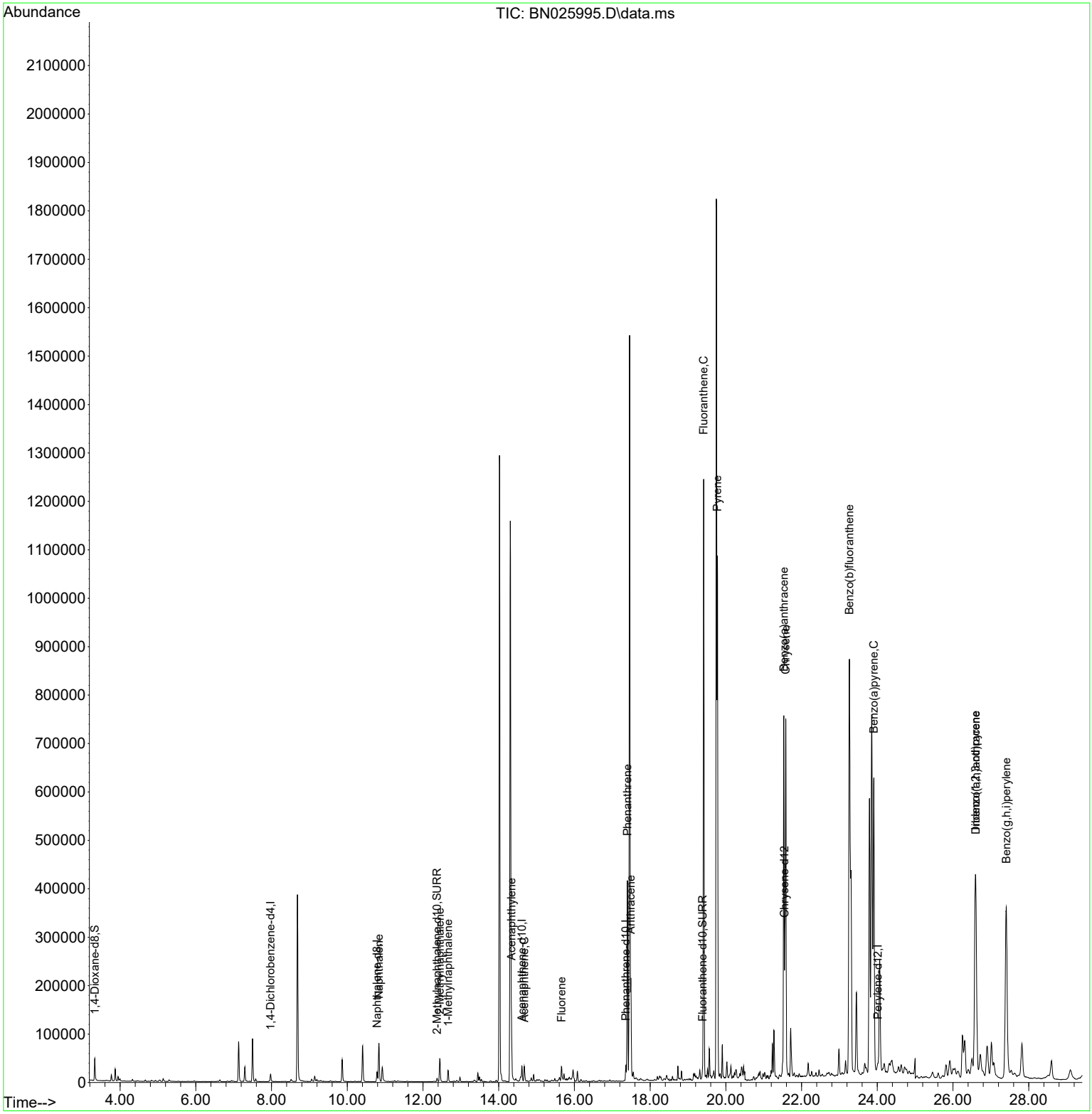
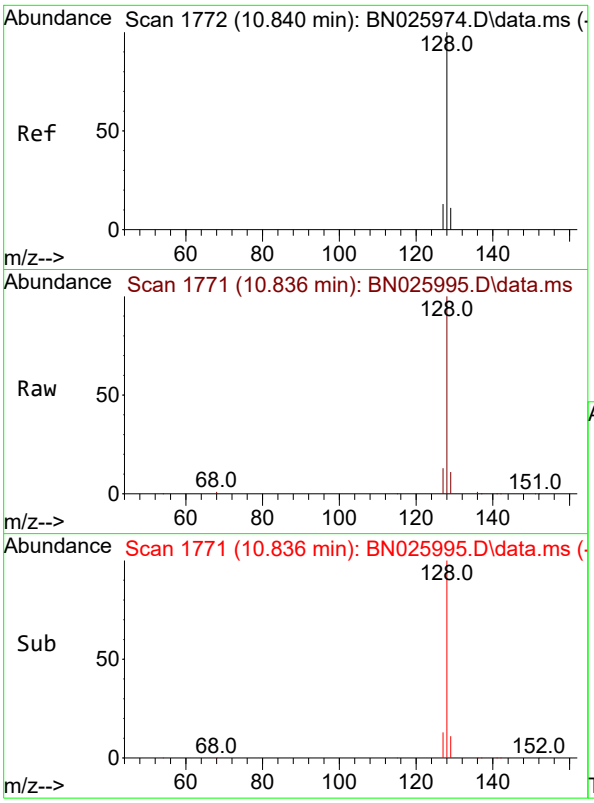
DCFQ0

Quant Time: Jun 24 23:48:04 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 : Thu Jun 22 01:27:41 2023
Response via : Initial Calibration



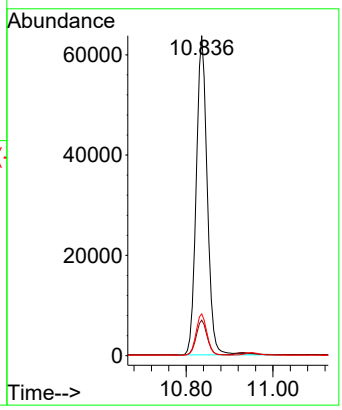


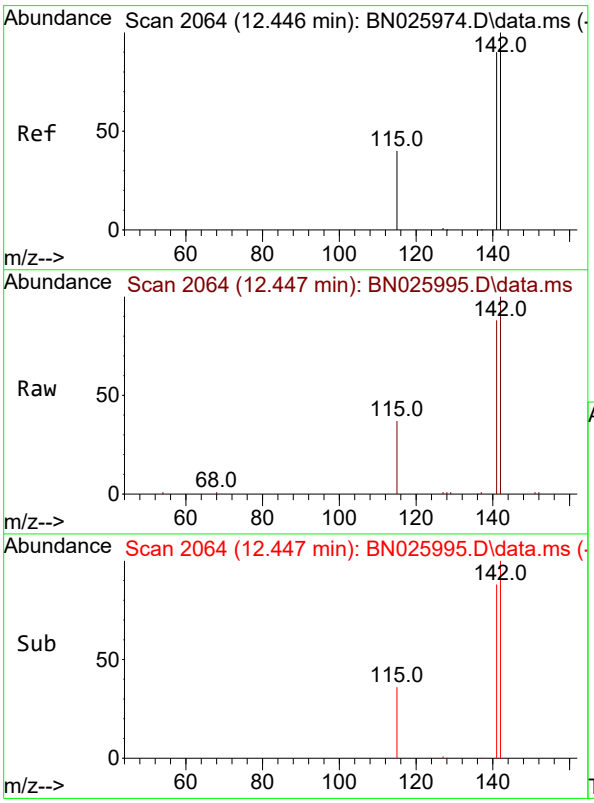
#5
Naphthalene
Concen: 1.399 ng/ul
RT: 10.836 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN025995.D
Acq: 24 Jun 2023 08:22

Instrument :
BNA_N
ClientSampleId :
DCFQ0

Tgt Ion:128 Resp: 112638

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.1	13.7
127	13.1	10.7	16.1

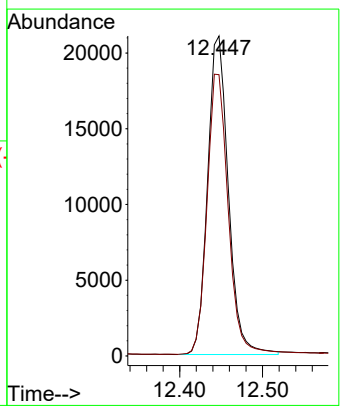


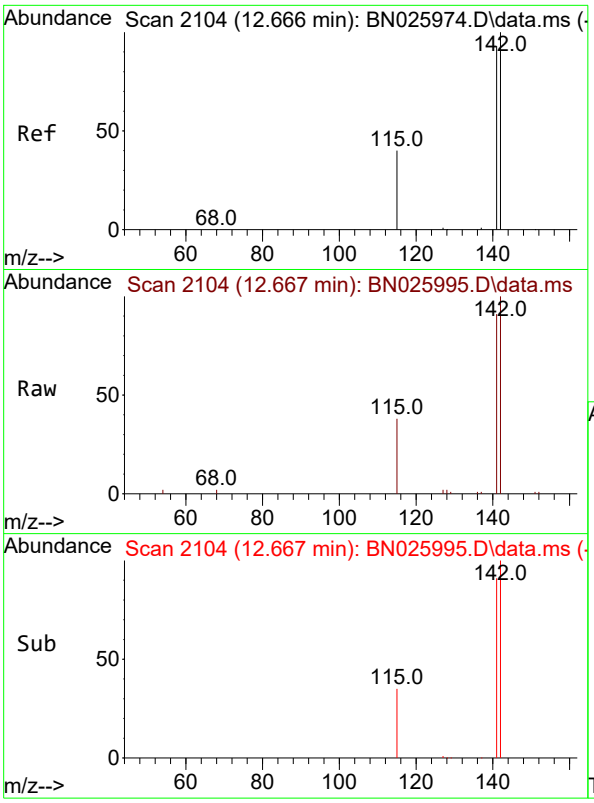


#7
2-Methylnaphthalene
Concen: 0.714 ng/ul
RT: 12.447 min Scan# 2064
Delta R.T. -0.006 min
Lab File: BN025995.D
Acq: 24 Jun 2023 08:22

Tgt Ion:142 Resp: 36607

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.9	107.9



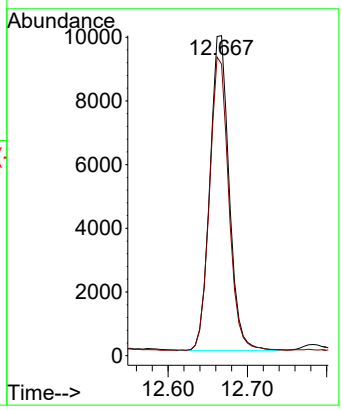


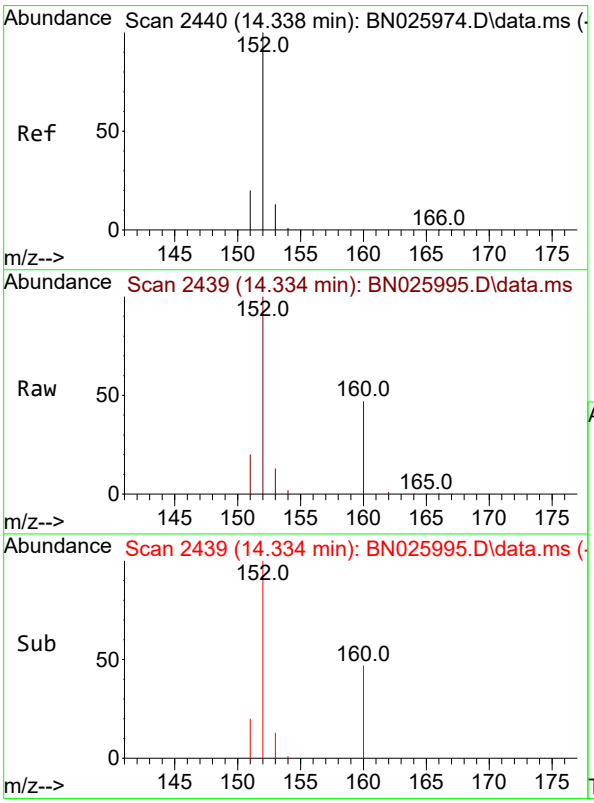
#8
1-Methylnaphthalene
Concen: 0.314 ng/ul
RT: 12.667 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN025995.D
Acq: 24 Jun 2023 08:22

Instrument :
BNA_N
ClientSampleId :
DCFQ0

Tgt Ion:142 Resp: 16672

Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.2	111.4

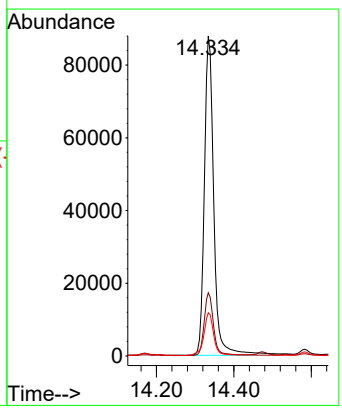


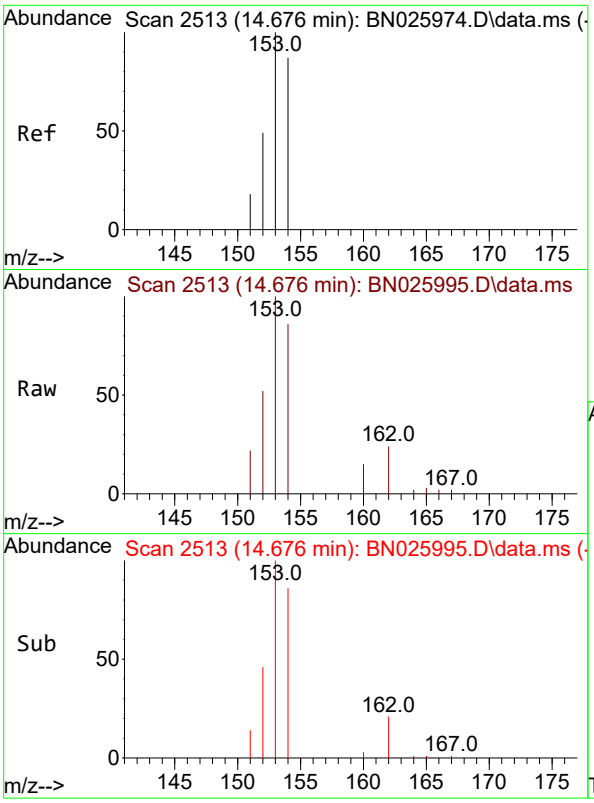


#10
Acenaphthylene
Concen: 1.833 ng/ul
RT: 14.334 min Scan# 2439
Delta R.T. -0.009 min
Lab File: BN025995.D
Acq: 24 Jun 2023 08:22

Tgt Ion:152 Resp: 148861

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.4
153	13.5	10.9	16.3



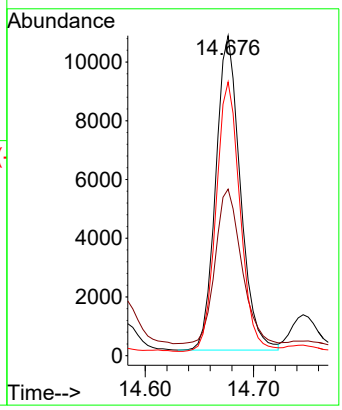


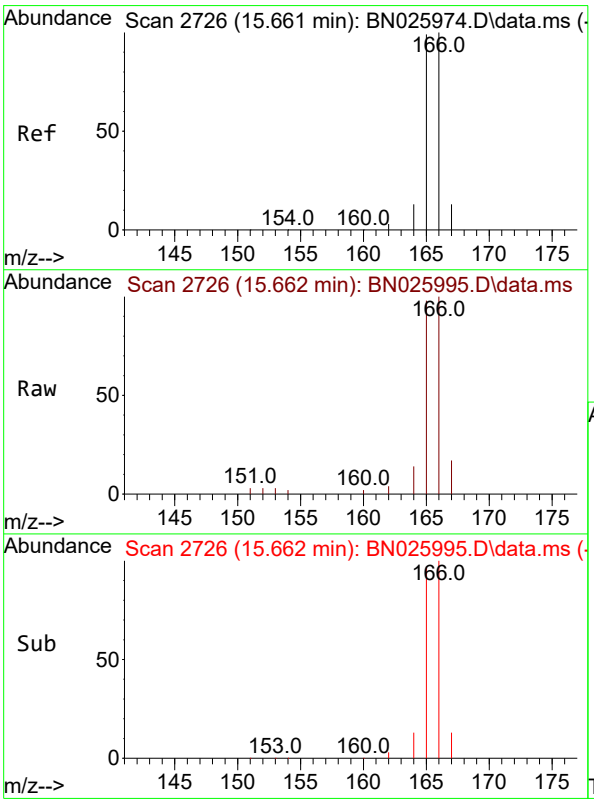
#11
Acenaphthene
Concen: 0.254 ng/ul
RT: 14.676 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN025995.D
Acq: 24 Jun 2023 08:22

Instrument :
BNA_N
ClientSampleId :
DCFQ0

Tgt Ion:153 Resp: 16866

Ion	Ratio	Lower	Upper
153	100		
152	52.0	39.4	59.0
154	85.5	68.9	103.3

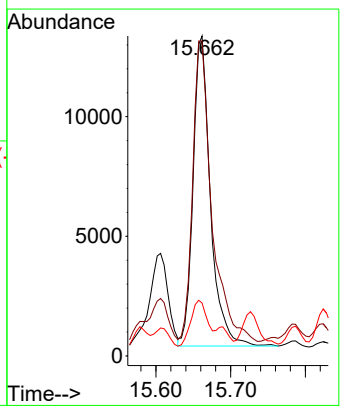


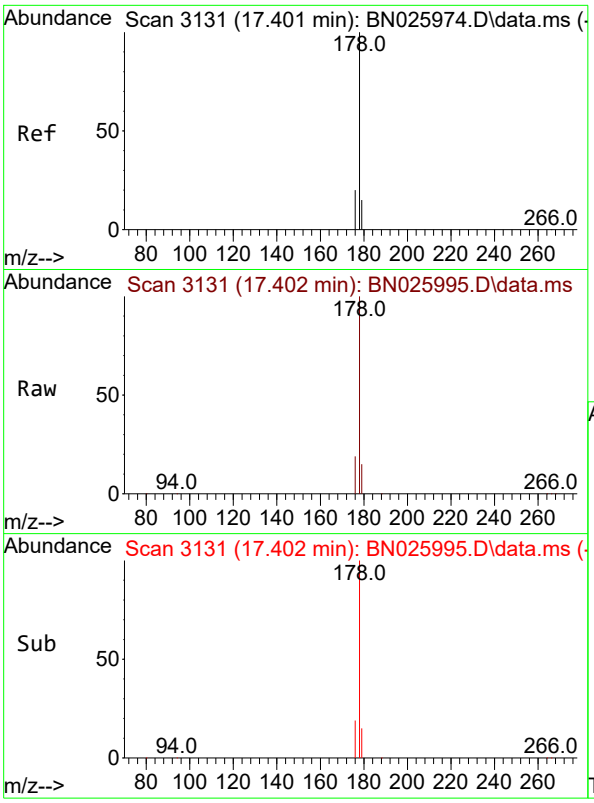


#12
Fluorene
Concen: 0.274 ng/ul
RT: 15.662 min Scan# 2726
Delta R.T. -0.005 min
Lab File: BN025995.D
Acq: 24 Jun 2023 08:22

Tgt Ion:166 Resp: 20838

Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.9	119.9
167	16.6	10.8	16.2#



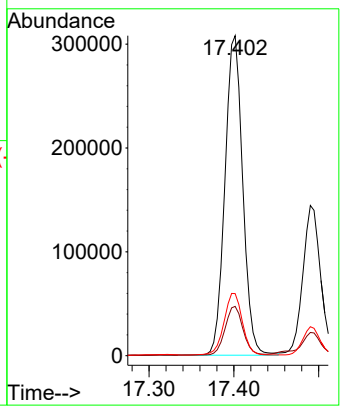


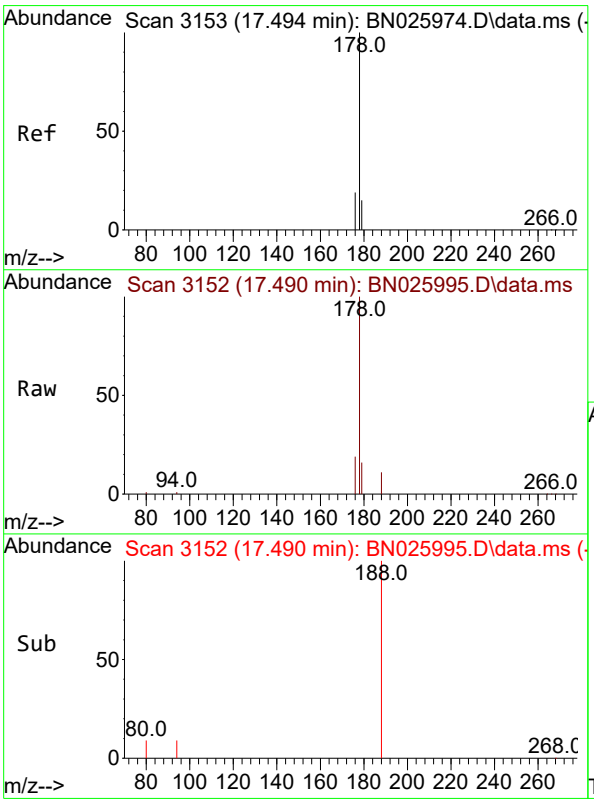
#15
Phenanthrene
Concen: 3.654 ng/ul
RT: 17.402 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN025995.D
Acq: 24 Jun 2023 08:22

Instrument :
BNA_N
ClientSampleId :
DCFQ0

Tgt Ion:178 Resp: 448997

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	19.4	15.8	23.6

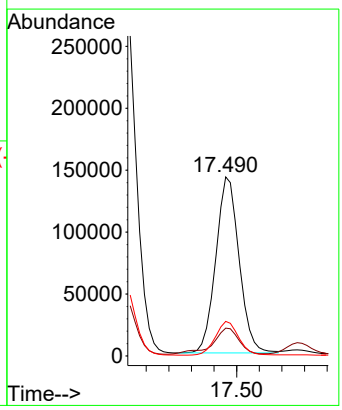


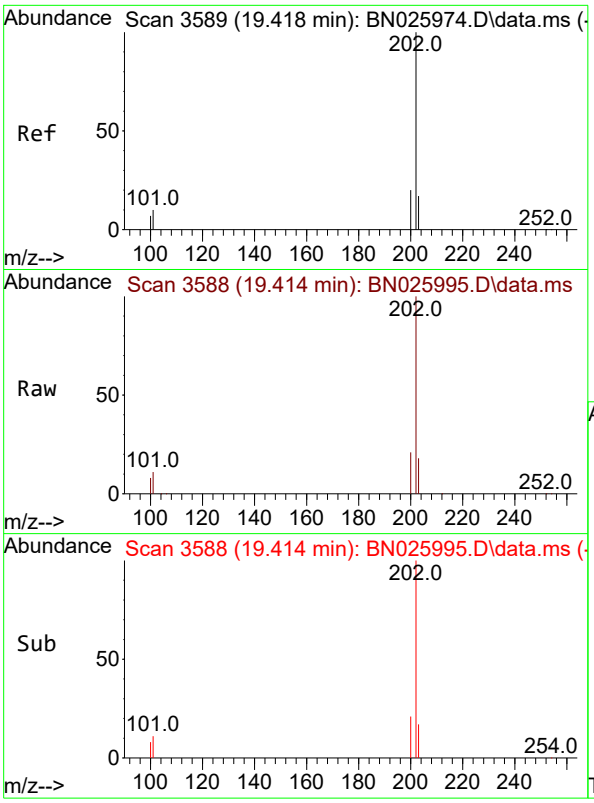


#16
Anthracene
Concen: 1.863 ng/ul
RT: 17.490 min Scan# 3152
Delta R.T. -0.009 min
Lab File: BN025995.D
Acq: 24 Jun 2023 08:22

Tgt Ion:178 Resp: 203477

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	18.8
176	19.3	15.1	22.7



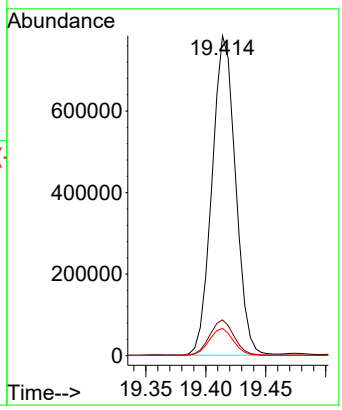


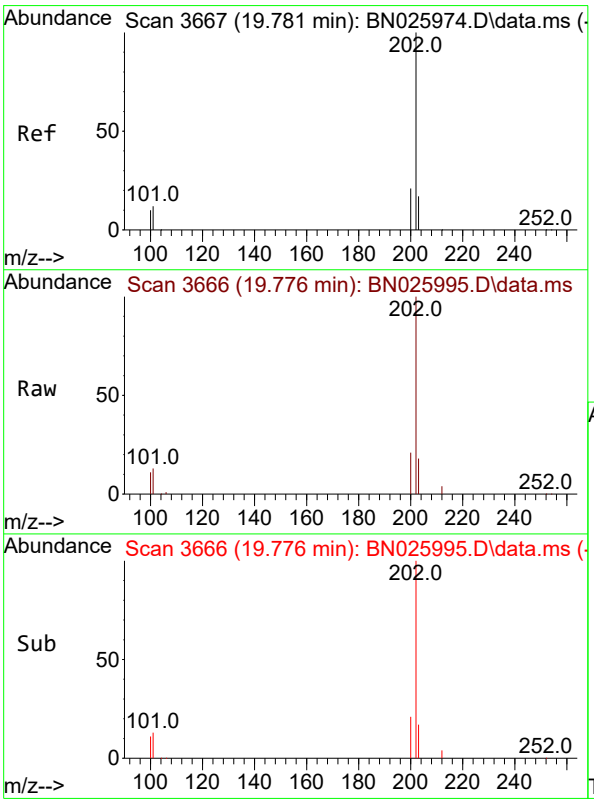
#19
Fluoranthene
Concen: 9.775 ng/ul
RT: 19.414 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN025995.D
Acq: 24 Jun 2023 08:22

Instrument :
BNA_N
ClientSampleId :
DCFQ0

Tgt Ion:202 Resp: 1071797

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.5	14.3
100	8.5	7.3	10.9

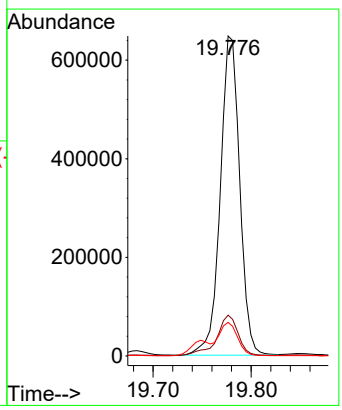


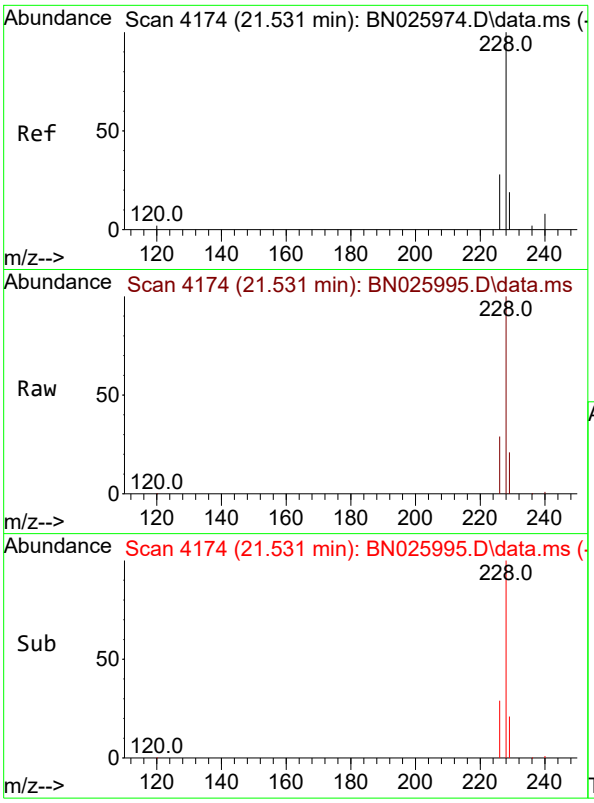


#20
Pyrene
Concen: 7.825 ng/ul
RT: 19.776 min Scan# 3666
Delta R.T. -0.005 min
Lab File: BN025995.D
Acq: 24 Jun 2023 08:22

Tgt Ion:202 Resp: 892366

Ion	Ratio	Lower	Upper
202	100		
101	12.8	11.4	17.0
100	10.5	9.1	13.7



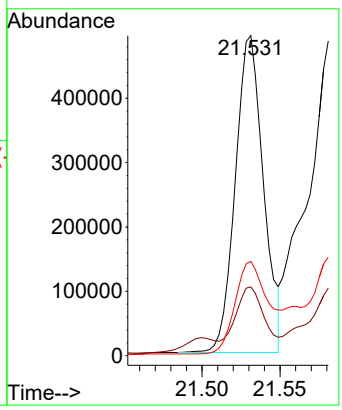


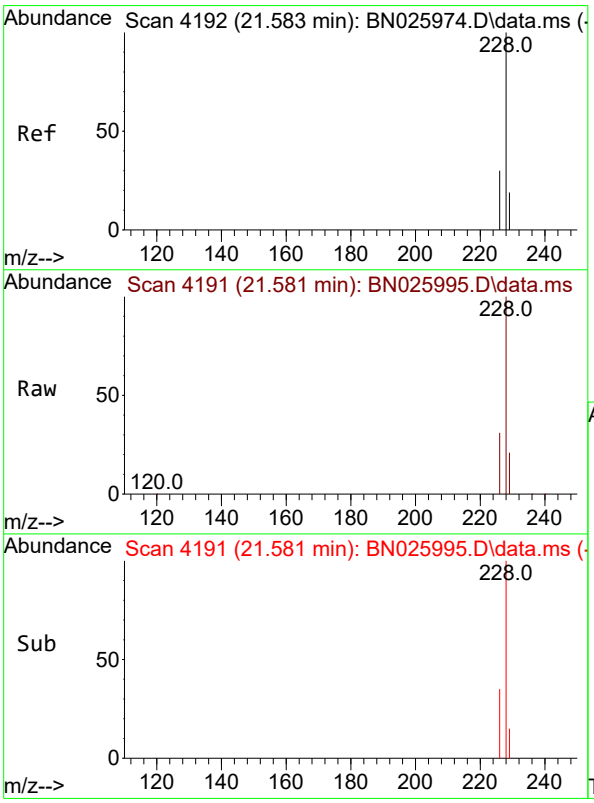
#21
Benzo(a)anthracene
Concen: 7.307 ng/ul
RT: 21.531 min Scan# 4
Delta R.T. -0.001 min
Lab File: BN025995.D
Acq: 24 Jun 2023 08:22

Instrument :
BNA_N
ClientSampleId :
DCFQ0

Tgt Ion:228 Resp: 618829

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.8	23.6
226	29.4	22.5	33.7

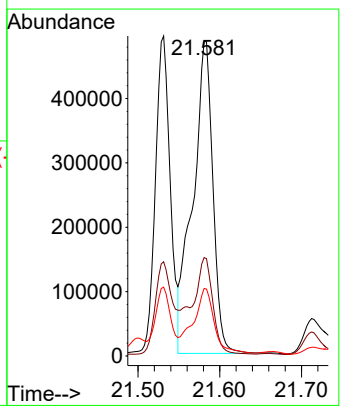


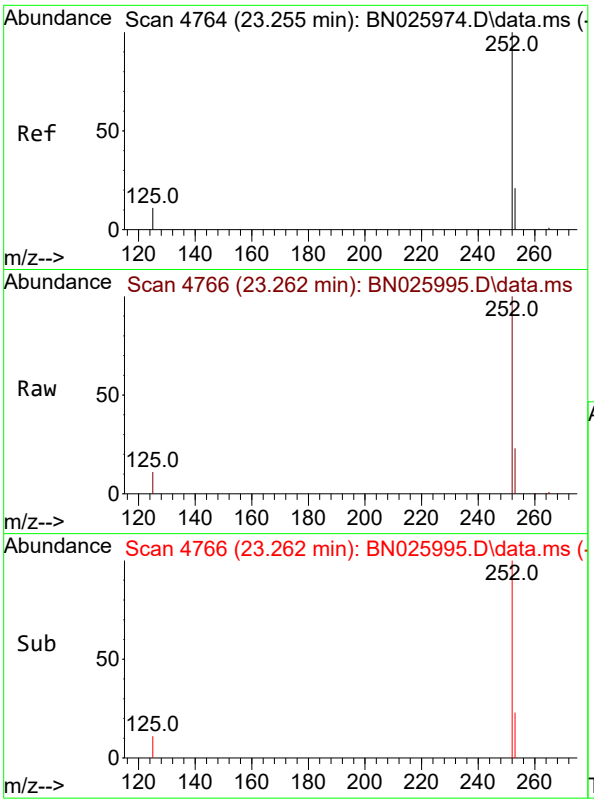


#22
Chrysene
Concen: 9.451 ng/ul
RT: 21.581 min Scan# 4191
Delta R.T. -0.004 min
Lab File: BN025995.D
Acq: 24 Jun 2023 08:22

Tgt Ion:228 Resp: 832795

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.8	37.2
229	21.5	15.7	23.5



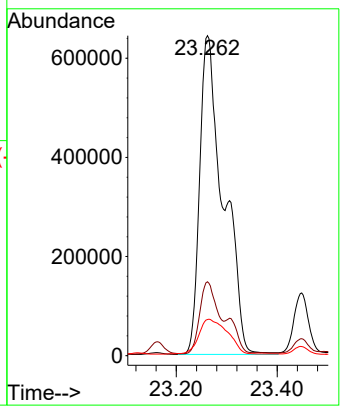


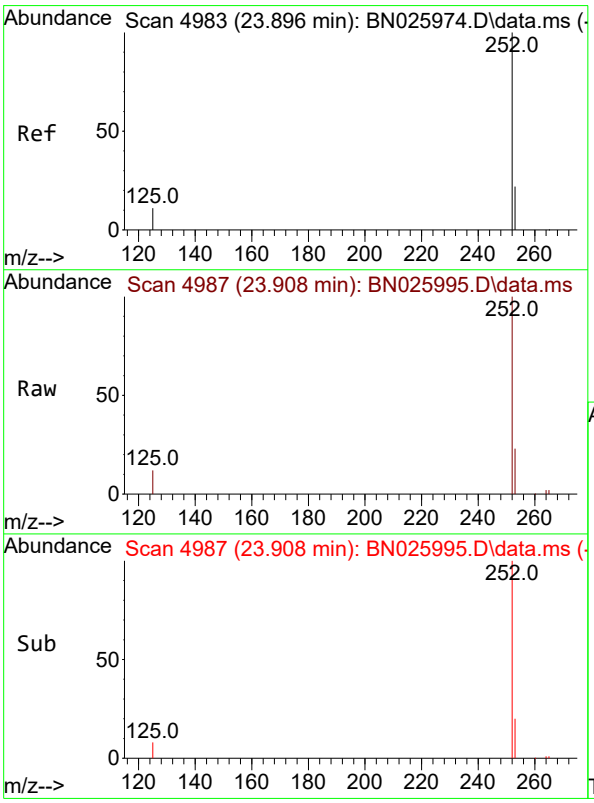
#24
Benzo(b)fluoranthene
Concen: 23.154 ng/ul
RT: 23.262 min Scan# 4
Delta R.T. 0.005 min
Lab File: BN025995.D
Acq: 24 Jun 2023 08:22

Instrument :
BNA_N
ClientSampleId :
DCFQ0

Tgt Ion:252 Resp: 2100762

Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	55.6
125	11.3	0.0	35.8

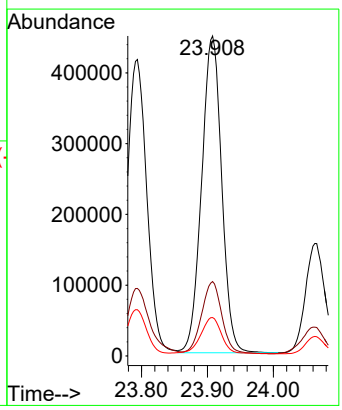


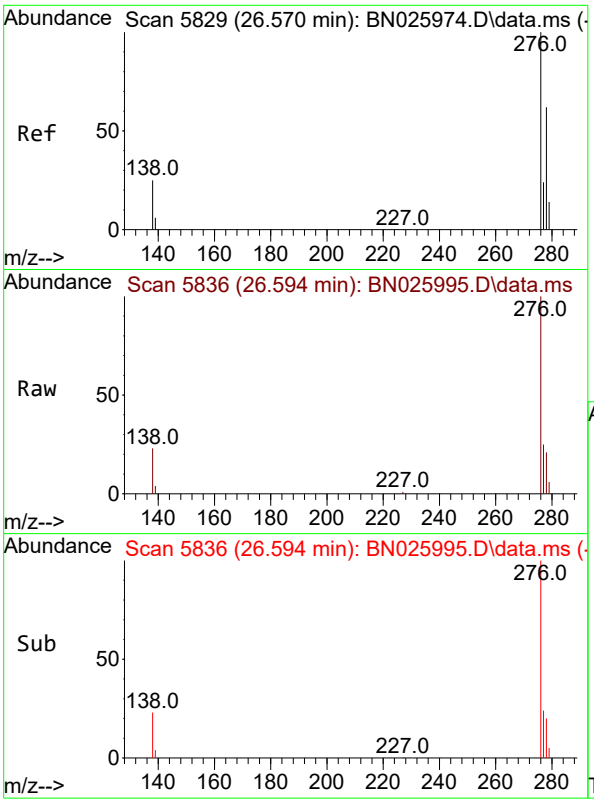


#26
Benzo(a)pyrene
Concen: 12.030 ng/ul
RT: 23.908 min Scan# 4987
Delta R.T. -0.001 min
Lab File: BN025995.D
Acq: 24 Jun 2023 08:22

Tgt Ion:252 Resp: 947972

Ion	Ratio	Lower	Upper
252	100		
253	23.2	26.0	39.0#
125	12.0	17.3	25.9#



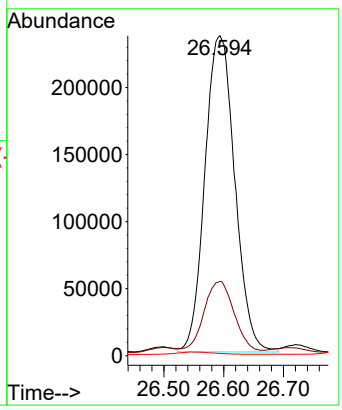


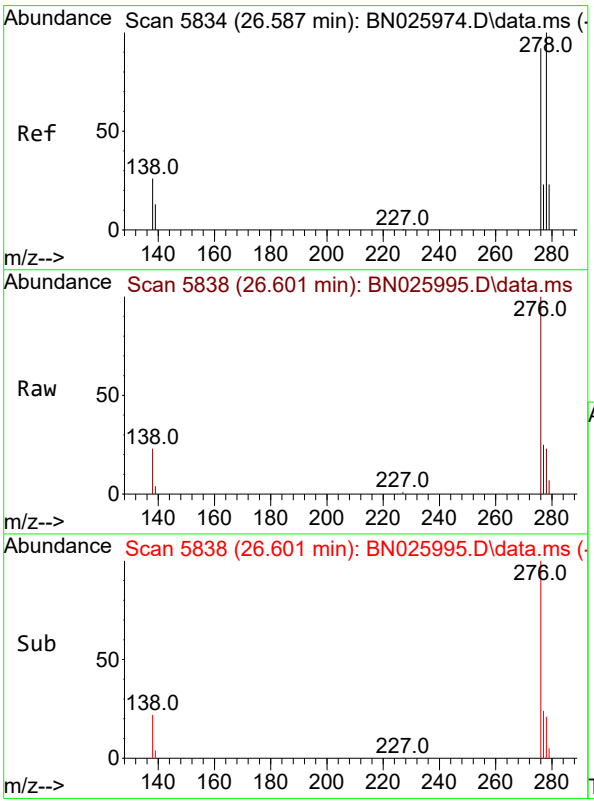
#27
Indeno(1,2,3-cd)pyrene
Concen: 9.531 ng/ul
RT: 26.594 min Scan# 5
Delta R.T. -0.001 min
Lab File: BN025995.D
Acq: 24 Jun 2023 08:22

Instrument :
BNA_N
ClientSampleId :
DCFQ0

Tgt Ion:276 Resp: 820326

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

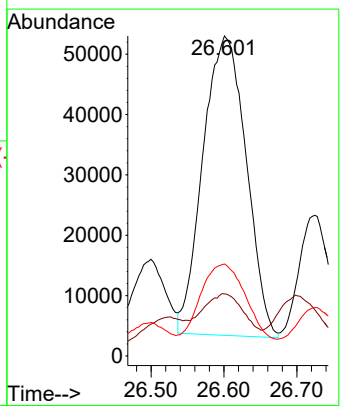


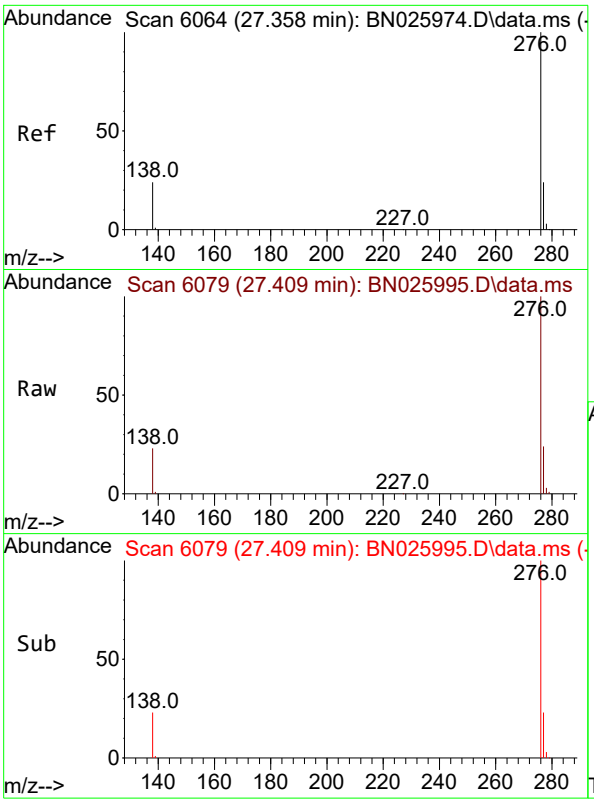


#28
Dibenzo(a,h)anthracene
Concen: 3.139 ng/ul
RT: 26.601 min Scan# 5838
Delta R.T. -0.021 min
Lab File: BN025995.D
Acq: 24 Jun 2023 08:22

Tgt Ion:278 Resp: 204472

Ion	Ratio	Lower	Upper
278	100		
139	19.4	19.0	28.4
279	28.8	26.7	40.1





#29
Benzo(g,h,i)perylene
Concen: 10.678 ng/ul
RT: 27.409 min Scan# 6
Delta R.T. 0.023 min
Lab File: BN025995.D
Acq: 24 Jun 2023 08:22

Instrument :
BNA_N
ClientSampleId :
DCFQ0

Tgt Ion:276 Resp: 817577

Ion	Ratio	Lower	Upper
276	100		
138	23.5	23.4	35.0
277	24.1	20.0	30.0