Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
Data File : BN025999.D
Acq On : 24 Jun 2023 10:46
Operator : MA/JU
Sample : 03085-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCFP9

Quant Time: Jun 24 23:48:42 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	7.972	152	8077	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.785	136	26212	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.616	164	16245	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.359	188	35437	0.400	ng/ul	0.00
17) Chrysene-d12	21.543	240	22203	0.400	ng/ul	0.00
23) Perylene-d12	24.010	264	19972	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	30951	3.403	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.375	152	9836	0.244	ng/ul	0.00
18) Fluoranthene-d10	19.386	212	23346	0.276	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.835	128	8414	0.112	ng/ul#	96
7) 2-Methylnaphthalene	12.446	142	4822	0.101	ng/ul	100
8) 1-Methylnaphthalene	12.666	142	3500	0.071	ng/ul	100
10) Acenaphthylene	14.334	152	7512	0.099	ng/ul#	94
11) Acenaphthene	14.676	153	2666	0.043	ng/ul	97
12) Fluorene	15.661	166	1982	0.028	ng/ul#	97
15) Phenanthrene	17.401	178	56163	0.480	ng/ul	100
16) Anthracene	17.490	178	11052	0.106	ng/ul	95
19) Fluoranthene	19.414	202	167154	1.410	ng/ul	100
20) Pyrene	19.776	202	137582	1.115	ng/ul	98
21) Benzo(a)anthracene	21.525	228	76285	0.833	ng/ul	97
22) Chrysene	21.581	228	88792	0.932	ng/ul	97
24) Benzo(b)fluoranthene	23.255	252	154181	1.809	ng/ul	97
26) Benzo(a)pyrene	23.901	252	64875	0.876	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	26.583	276	54767	0.677	ng/ul#	75
28) Dibenzo(a,h)anthracene	26.600	278	13225	0.216	ng/ul#	80
29) Benzo(g,h,i)perylene	27.385	276	54474	0.757	ng/ul	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
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Acq On : 24 Jun 2023 10:46
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Quant Time: Jun 24 23:48:42 2023
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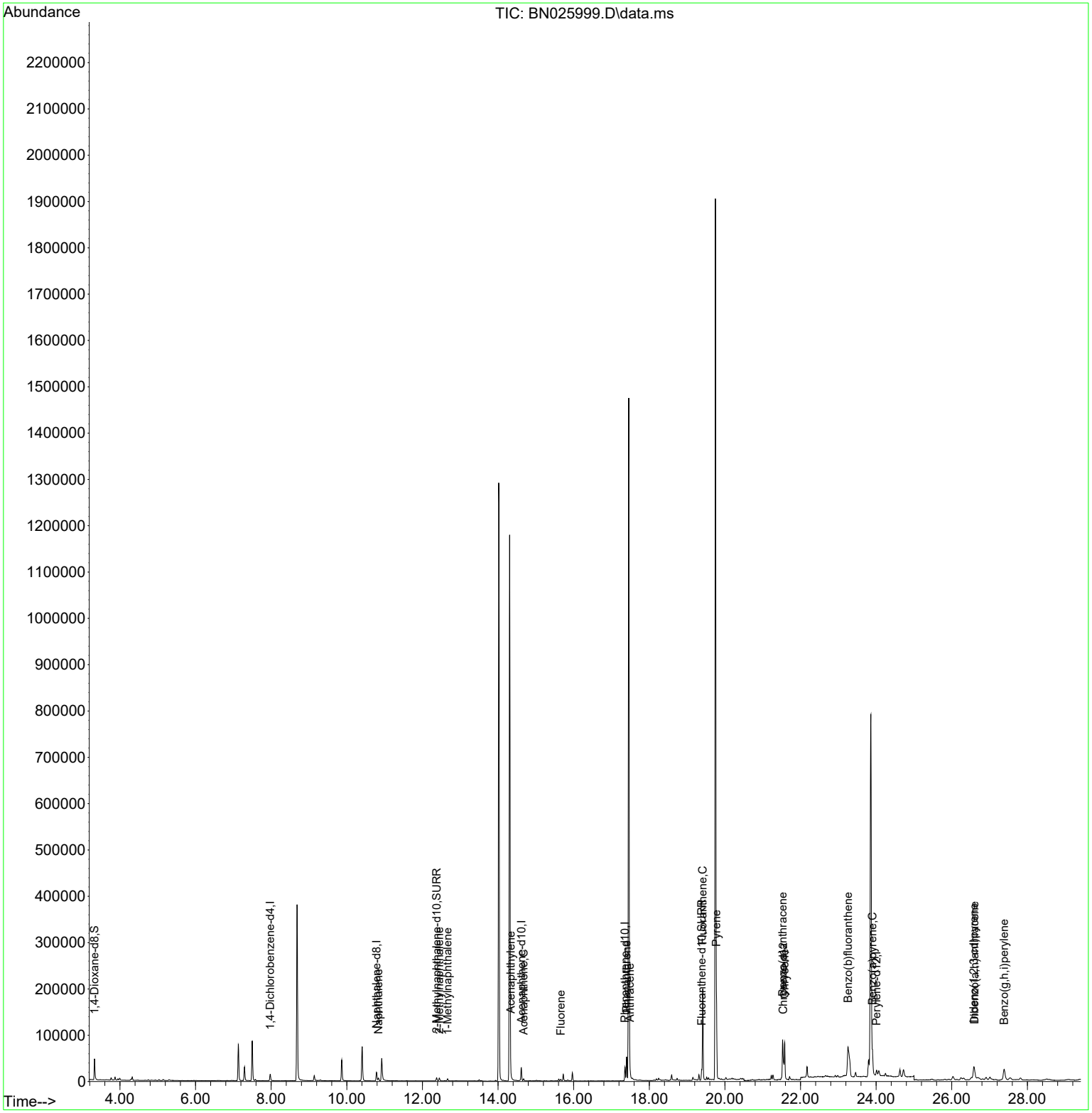
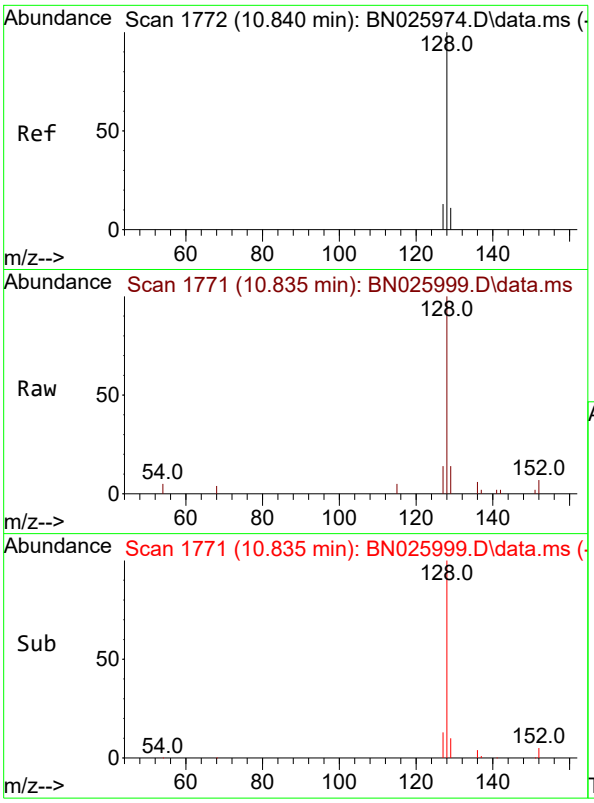
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 01:27:41 2023
Response via : Initial Calibration



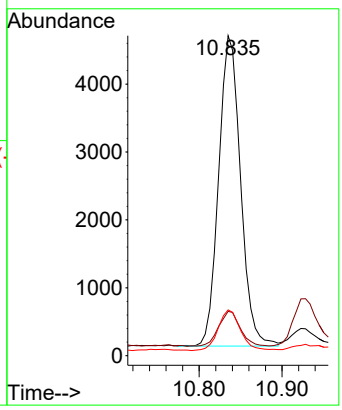


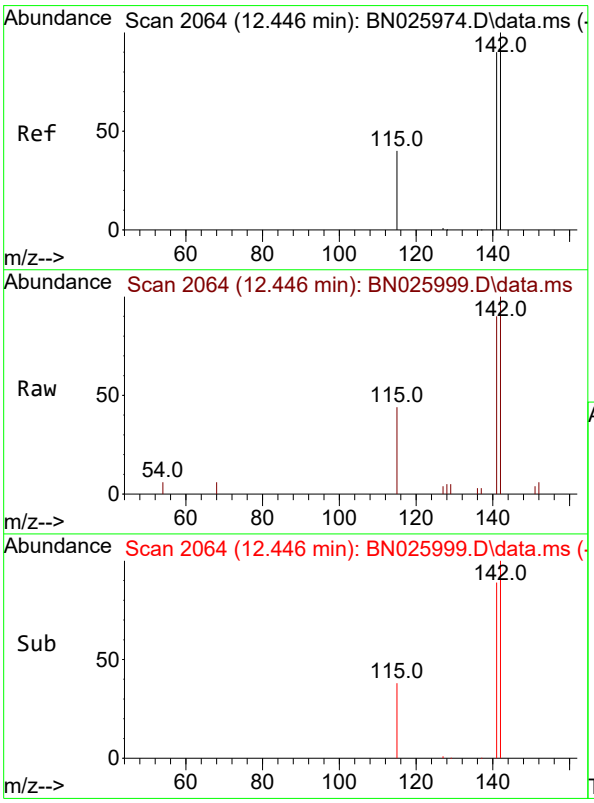
#5
Naphthalene
Concen: 0.112 ng/ul
RT: 10.835 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN025999.D
Acq: 24 Jun 2023 10:46

Instrument :
BNA_N
ClientSampleId :
DCFP9

Tgt Ion:128 Resp: 8414

Ion	Ratio	Lower	Upper
128	100		
129	13.9	9.1	13.7#
127	14.3	10.7	16.1

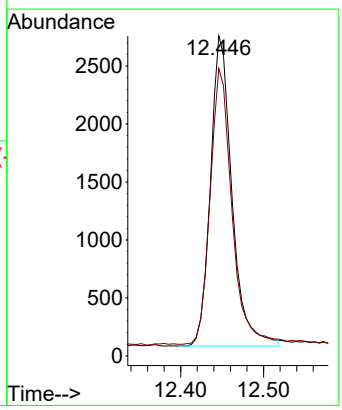


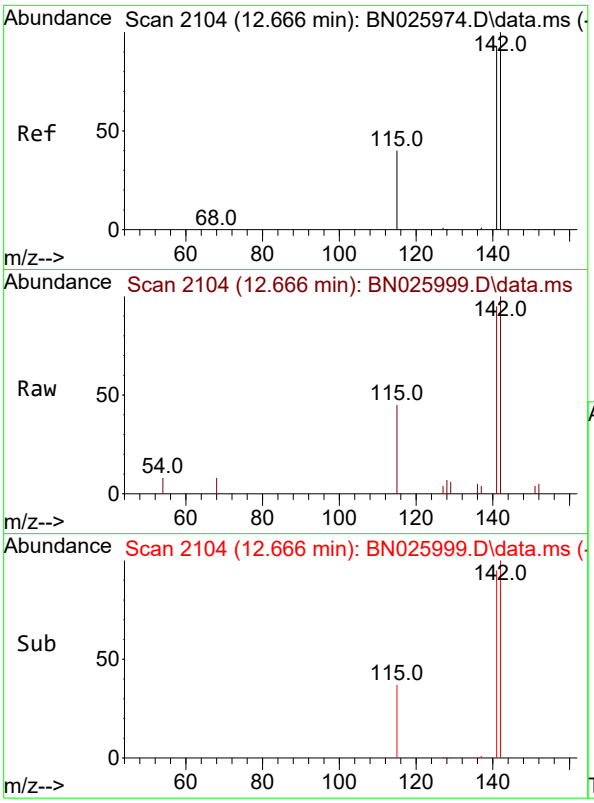


#7
2-Methylnaphthalene
Concen: 0.101 ng/ul
RT: 12.446 min Scan# 2064
Delta R.T. -0.007 min
Lab File: BN025999.D
Acq: 24 Jun 2023 10:46

Tgt Ion:142 Resp: 4822

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.9	107.9



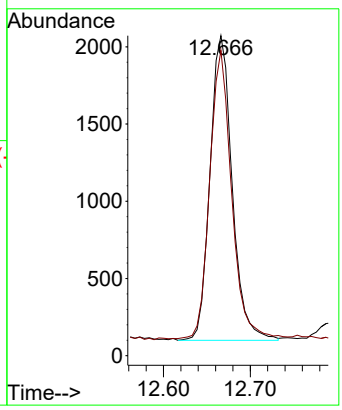


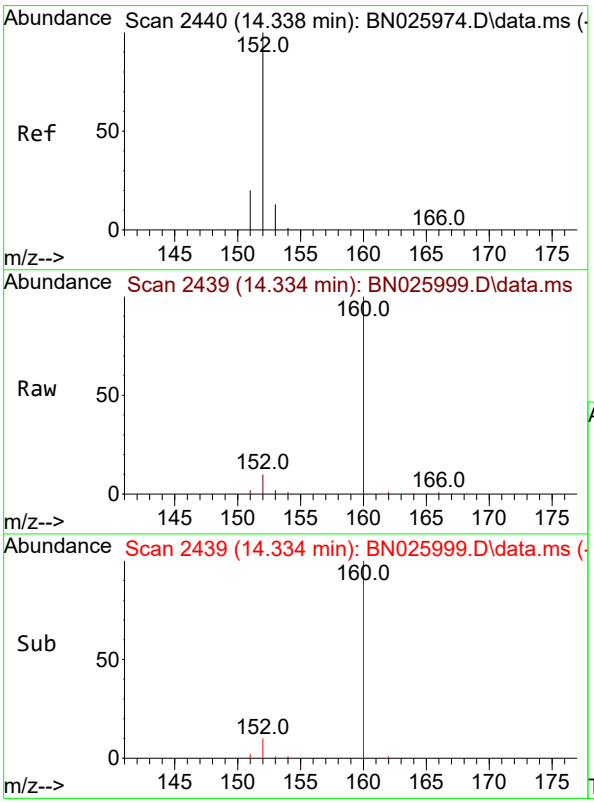
#8
1-Methylnaphthalene
Concen: 0.071 ng/ul
RT: 12.666 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN025999.D
Acq: 24 Jun 2023 10:46

Instrument :
BNA_N
ClientSampleId :
DCFP9

Tgt Ion:142 Resp: 3500

Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.2	111.4

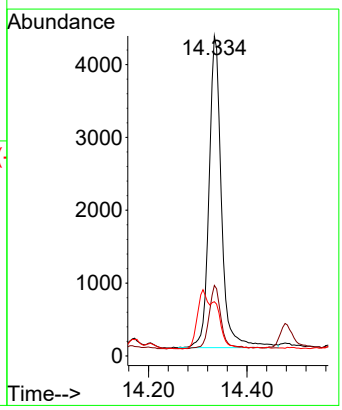


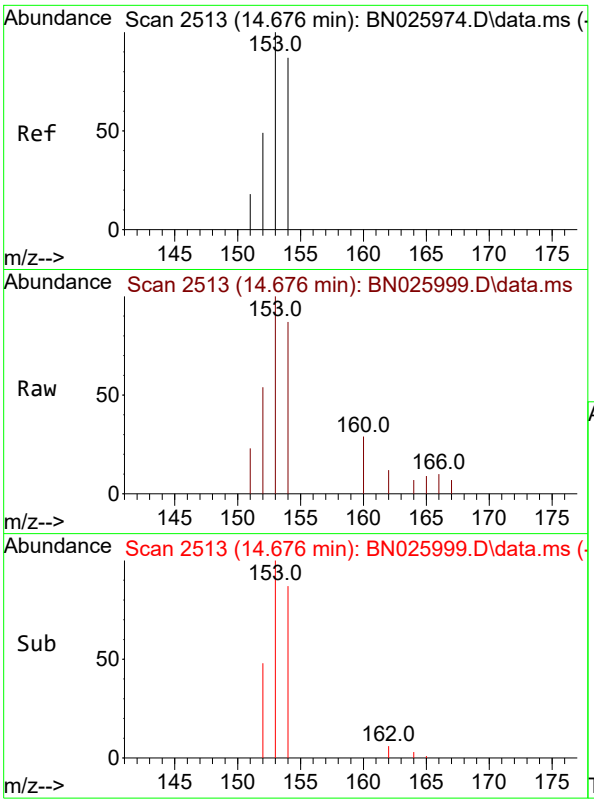


#10
Acenaphthylene
Concen: 0.099 ng/ul
RT: 14.334 min Scan# 2439
Delta R.T. -0.010 min
Lab File: BN025999.D
Acq: 24 Jun 2023 10:46

Tgt Ion:152 Resp: 7512

Ion	Ratio	Lower	Upper
152	100		
151	22.0	16.2	24.4
153	17.0	10.9	16.3#



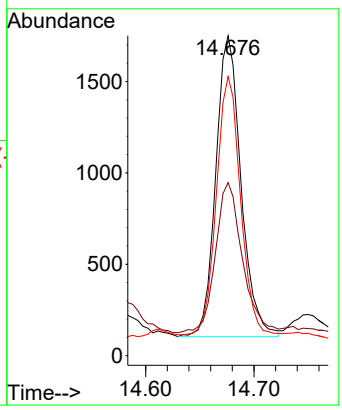


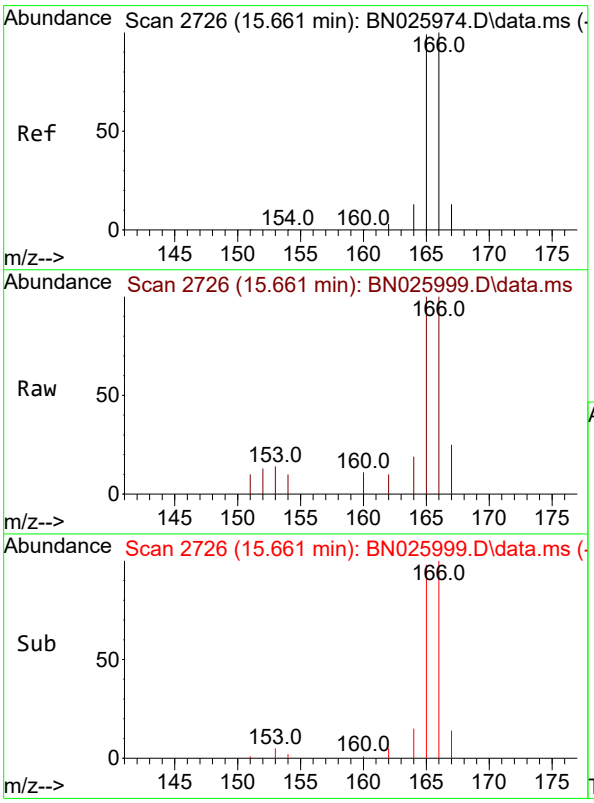
#11
Acenaphthene
Concen: 0.043 ng/ul
RT: 14.676 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN025999.D
Acq: 24 Jun 2023 10:46

Instrument :
BNA_N
ClientSampleId :
DCFP9

Tgt Ion:153 Resp: 2666

Ion	Ratio	Lower	Upper
153	100		
152	54.1	39.4	59.0
154	87.3	68.9	103.3

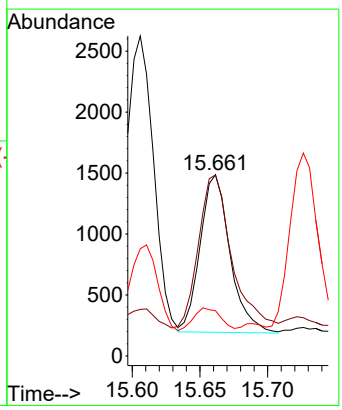


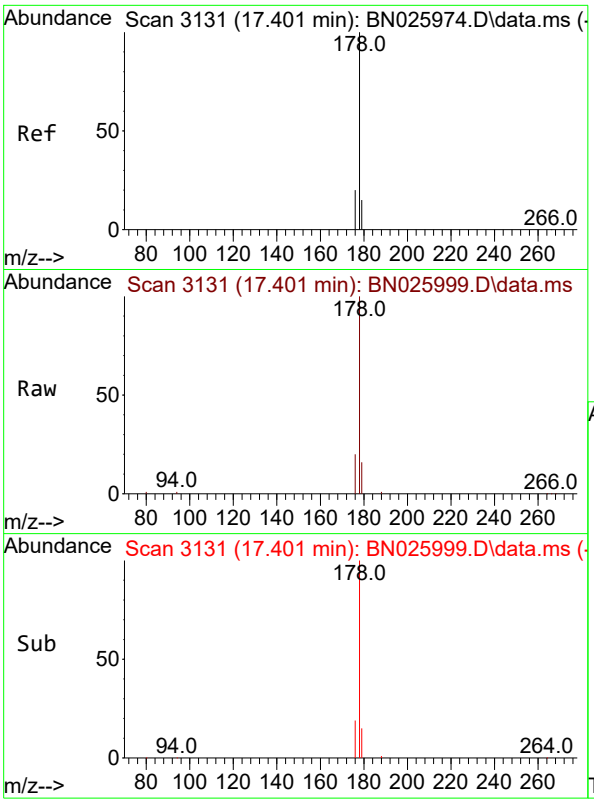


#12
Fluorene
Concen: 0.028 ng/ul
RT: 15.661 min Scan# 2726
Delta R.T. -0.005 min
Lab File: BN025999.D
Acq: 24 Jun 2023 10:46

Tgt Ion:166 Resp: 1982

Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.9	119.9
167	24.9	10.8	16.2#



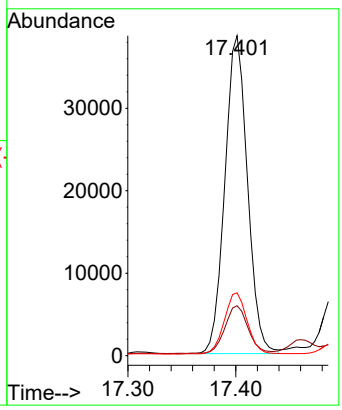


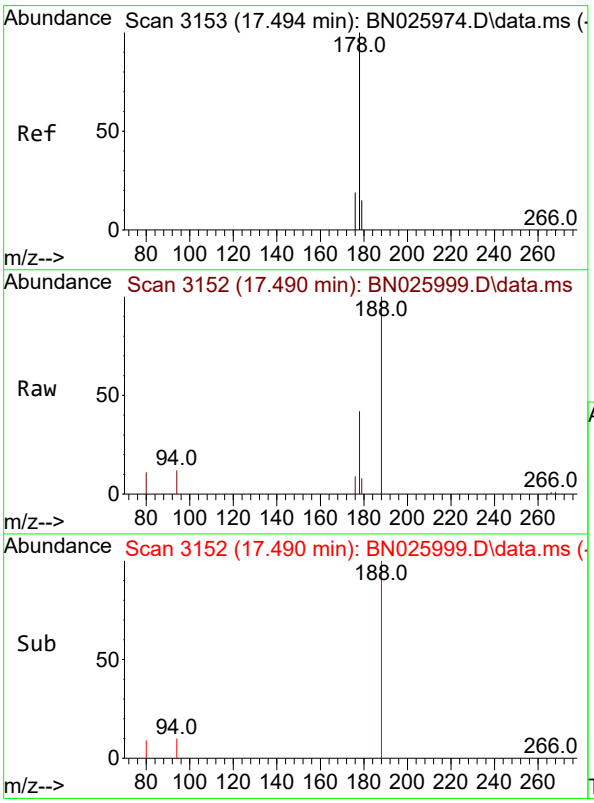
#15
Phenanthrene
Concen: 0.480 ng/ul
RT: 17.401 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN025999.D
Acq: 24 Jun 2023 10:46

Instrument :
BNA_N
ClientSampleId :
DCFP9

Tgt Ion:178 Resp: 56163

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	19.0
176	19.6	15.8	23.6

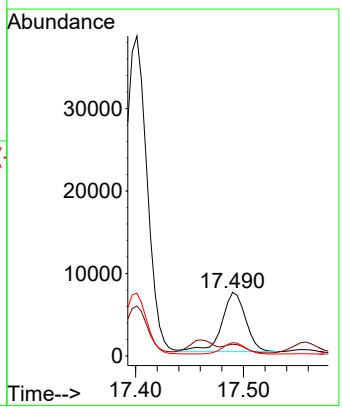


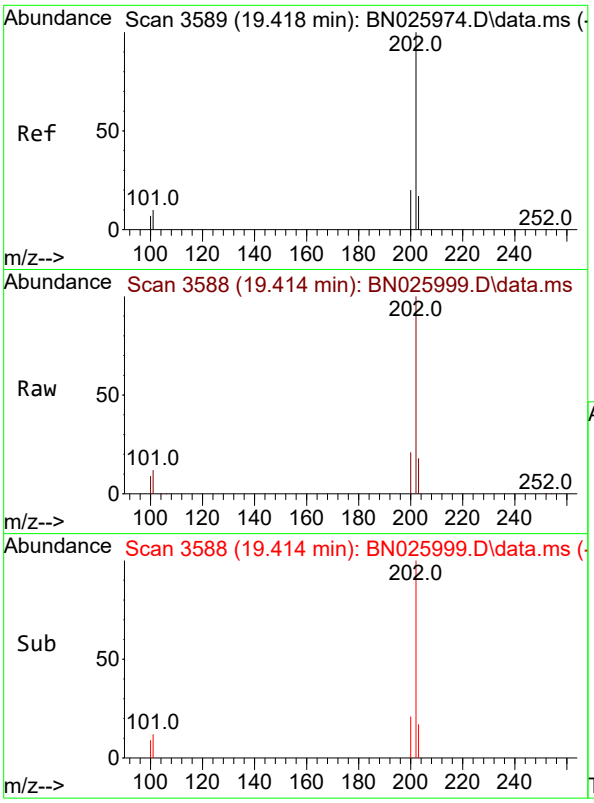


#16
Anthracene
Concen: 0.106 ng/ul
RT: 17.490 min Scan# 3152
Delta R.T. -0.009 min
Lab File: BN025999.D
Acq: 24 Jun 2023 10:46

Tgt Ion:178 Resp: 11052

Ion	Ratio	Lower	Upper
178	100		
179	18.3	12.6	18.8
176	20.9	15.1	22.7



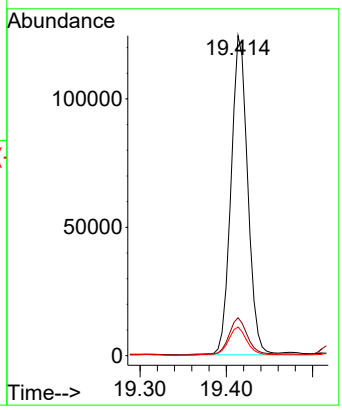


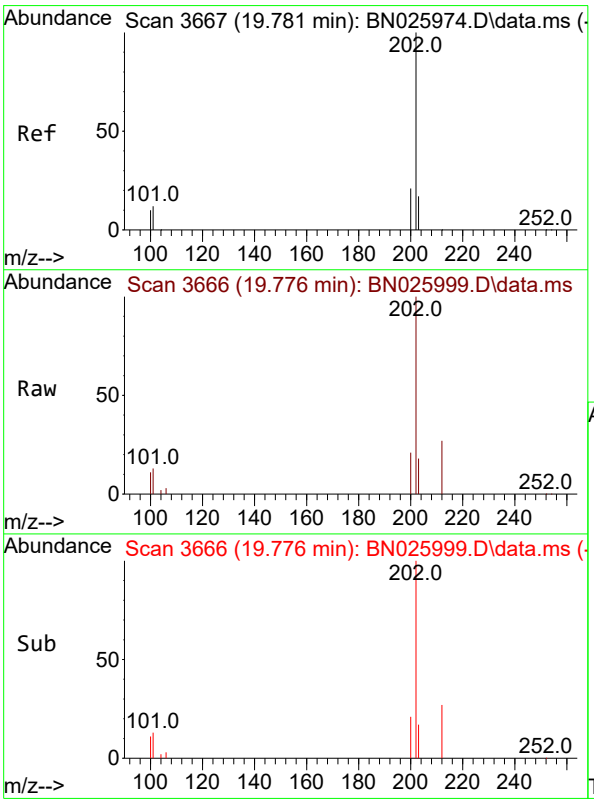
#19
Fluoranthene
Concen: 1.410 ng/ul
RT: 19.414 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN025999.D
Acq: 24 Jun 2023 10:46

Instrument :
BNA_N
ClientSampleId :
DCFP9

Tgt Ion:202 Resp: 167154

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.5	14.3
100	8.9	7.3	10.9

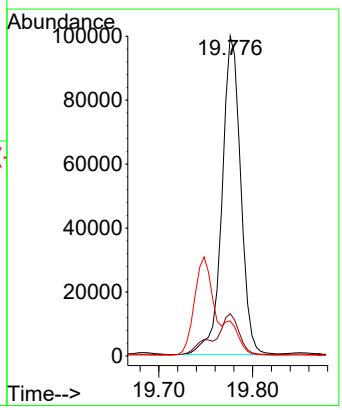


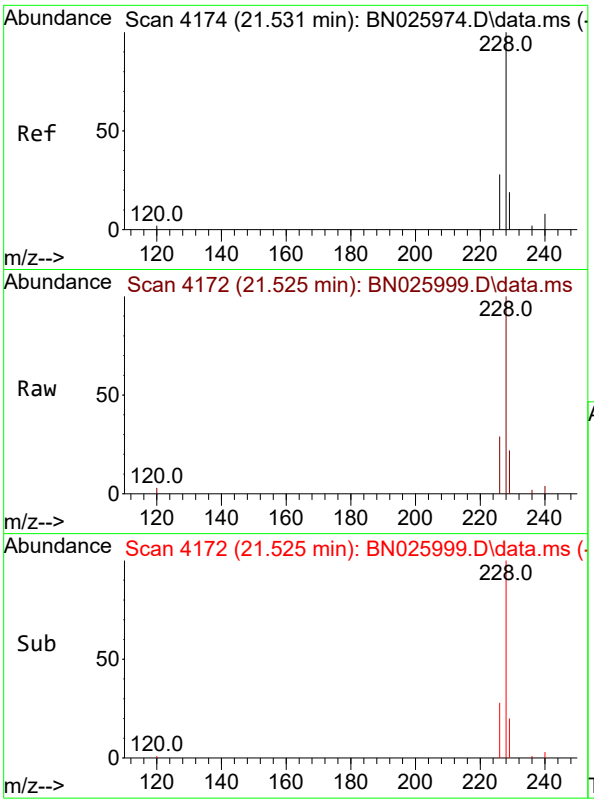


#20
Pyrene
Concen: 1.115 ng/ul
RT: 19.776 min Scan# 3666
Delta R.T. -0.006 min
Lab File: BN025999.D
Acq: 24 Jun 2023 10:46

Tgt Ion:202 Resp: 137582

Ion	Ratio	Lower	Upper
202	100		
101	13.2	11.4	17.0
100	10.9	9.1	13.7



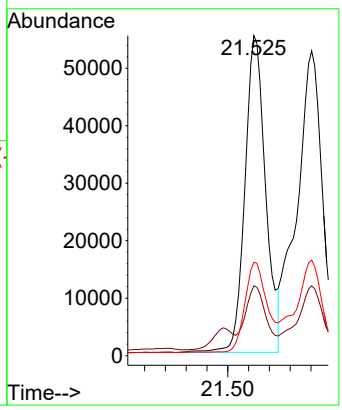


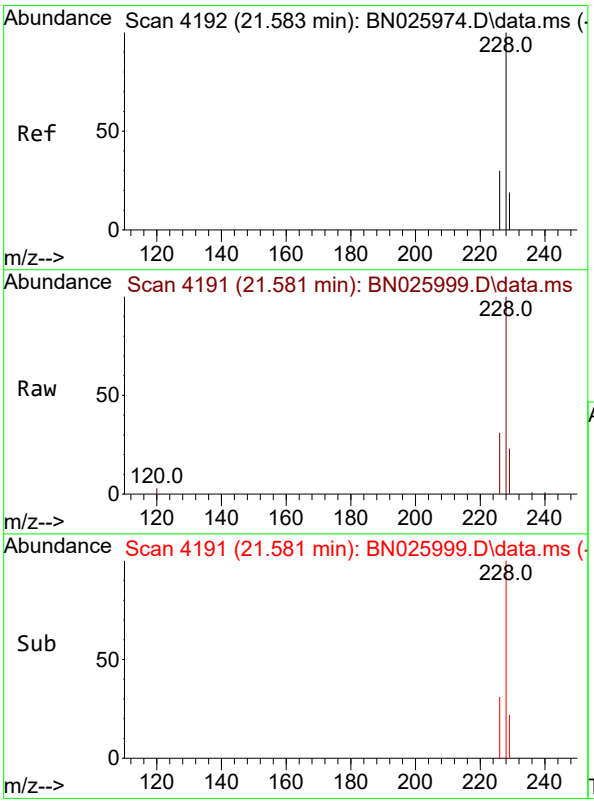
#21
Benzo(a)anthracene
Concen: 0.833 ng/ul
RT: 21.525 min Scan# 4
Delta R.T. -0.007 min
Lab File: BN025999.D
Acq: 24 Jun 2023 10:46

Instrument :
BNA_N
ClientSampleId :
DCFP9

Tgt Ion:228 Resp: 76285

Ion	Ratio	Lower	Upper
228	100		
229	21.9	15.8	23.6
226	29.2	22.5	33.7

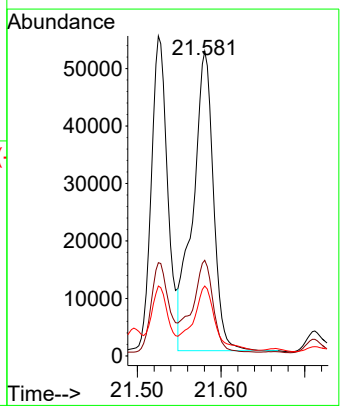


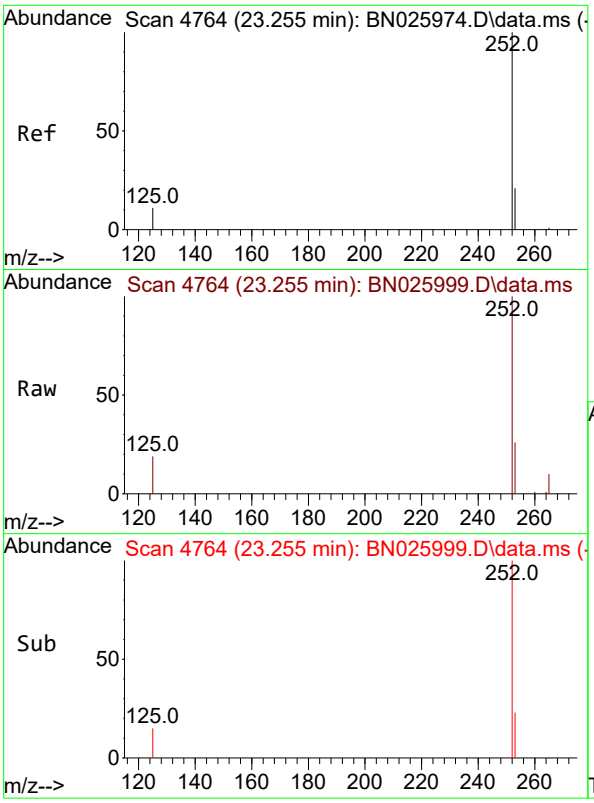


#22
Chrysene
Concen: 0.932 ng/ul
RT: 21.581 min Scan# 4191
Delta R.T. -0.004 min
Lab File: BN025999.D
Acq: 24 Jun 2023 10:46

Tgt Ion:228 Resp: 88792

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.8	37.2
229	23.0	15.7	23.5



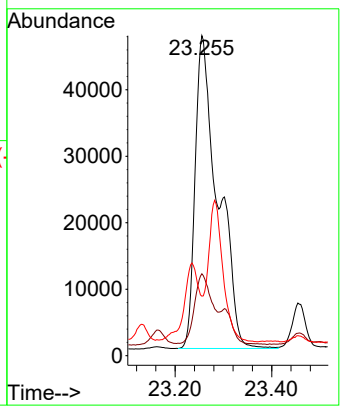


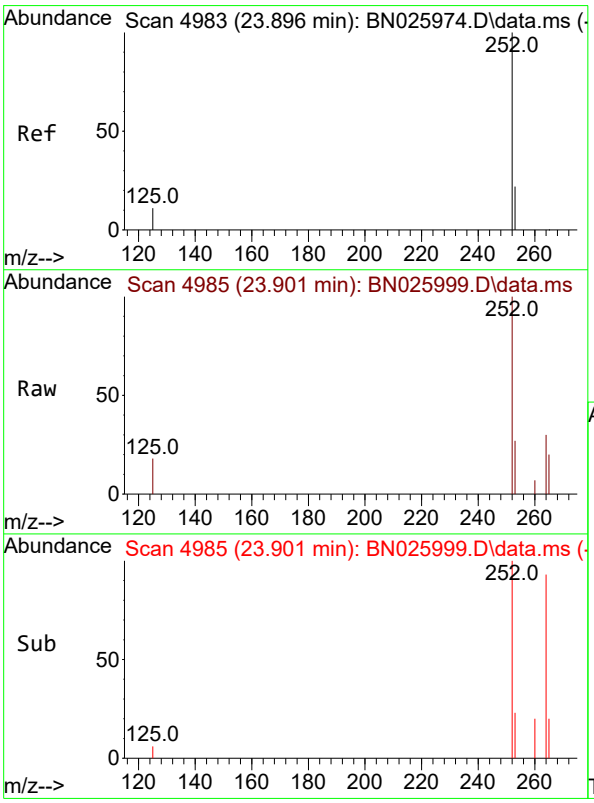
#24
Benzo(b)fluoranthene
Concen: 1.809 ng/ul
RT: 23.255 min Scan# 4
Delta R.T. -0.001 min
Lab File: BN025999.D
Acq: 24 Jun 2023 10:46

Instrument :
BNA_N
ClientSampleId :
DCFP9

Tgt Ion:252 Resp: 154181

Ion	Ratio	Lower	Upper
252	100		
253	25.6	0.0	55.6
125	18.6	0.0	35.8

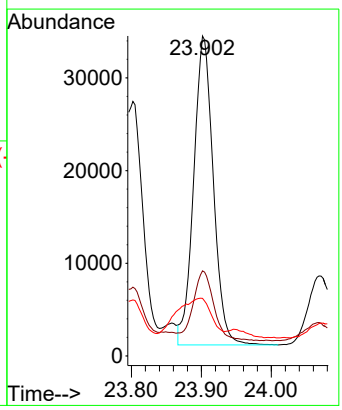


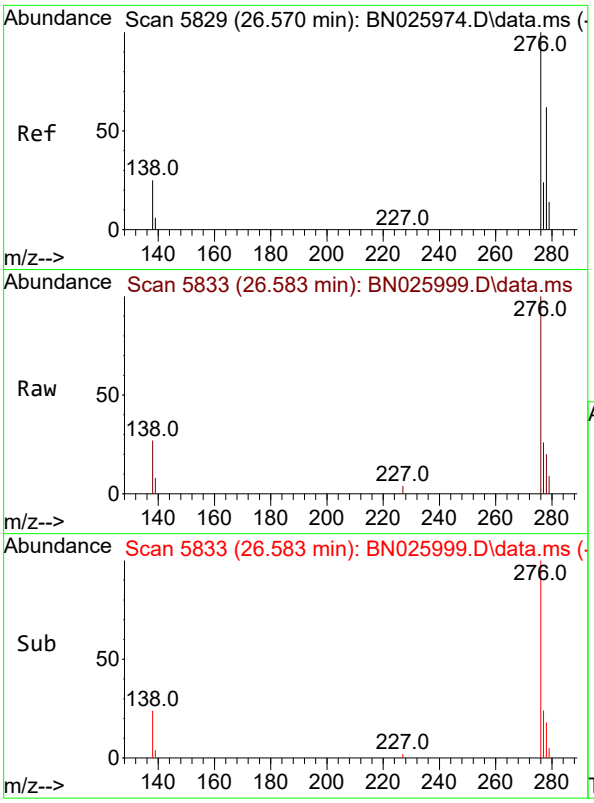


#26
Benzo(a)pyrene
Concen: 0.876 ng/ul
RT: 23.901 min Scan# 4985
Delta R.T. -0.007 min
Lab File: BN025999.D
Acq: 24 Jun 2023 10:46

Tgt Ion:252 Resp: 64875

Ion	Ratio	Lower	Upper
252	100		
253	26.6	26.0	39.0
125	18.0	17.3	25.9



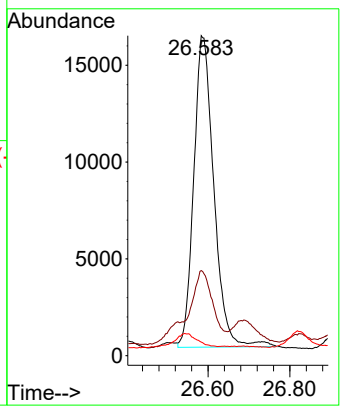


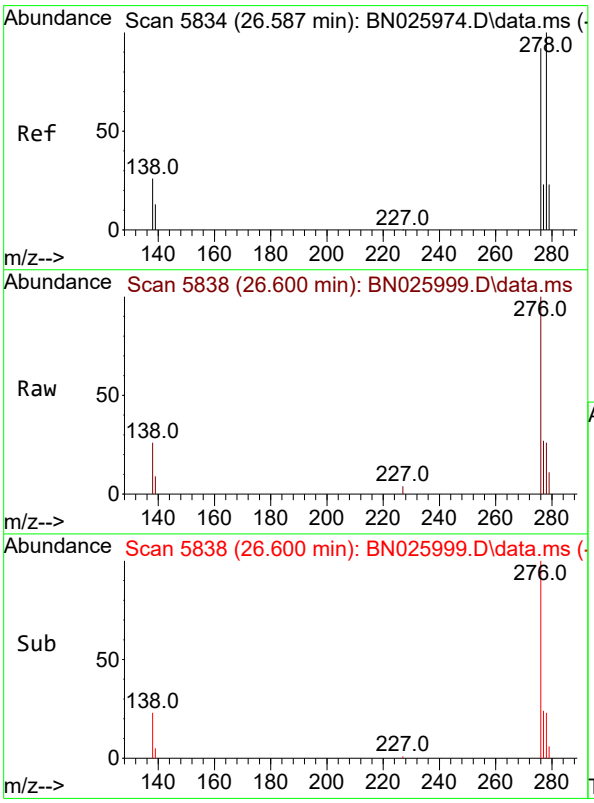
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.677 ng/ul
RT: 26.583 min Scan# 5
Delta R.T. -0.011 min
Lab File: BN025999.D
Acq: 24 Jun 2023 10:46

Instrument :
BNA_N
ClientSampleId :
DCFP9

Tgt Ion:276 Resp: 54767

Ion	Ratio	Lower	Upper
276	100		
138	16.8	24.5	36.7#
227	0.0	0.0	0.0

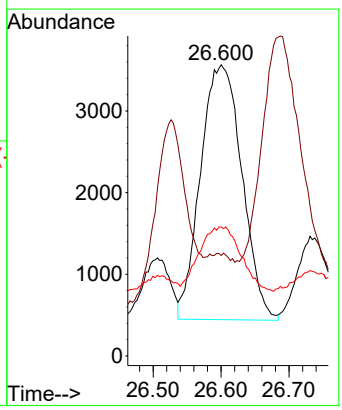


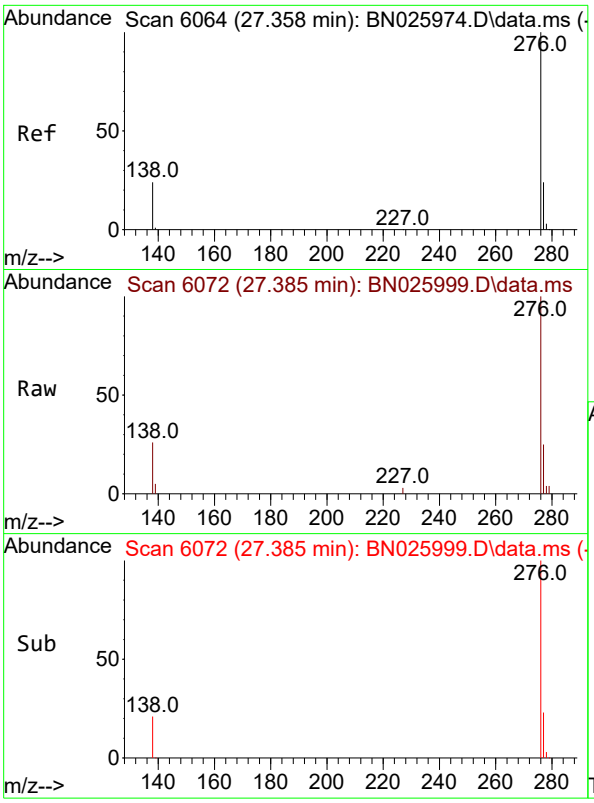


#28
Dibenzo(a,h)anthracene
Concen: 0.216 ng/ul
RT: 26.600 min Scan# 5838
Delta R.T. -0.021 min
Lab File: BN025999.D
Acq: 24 Jun 2023 10:46

Tgt Ion:278 Resp: 13225

Ion	Ratio	Lower	Upper
278	100		
139	34.5	19.0	28.4#
279	44.3	26.7	40.1#





#29
Benzo(g,h,i)perylene
Concen: 0.757 ng/ul
RT: 27.385 min Scan# 6
Delta R.T. -0.001 min
Lab File: BN025999.D
Acq: 24 Jun 2023 10:46

Instrument :
BNA_N
ClientSampleId :
DCFP9

Tgt Ion:276 Resp: 54474

Ion	Ratio	Lower	Upper
276	100		
138	26.3	23.4	35.0
277	24.9	20.0	30.0