Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026201.D
Acq On : 02 Jul 2023 23:06
Operator : MA/JU
Sample : 03244-07
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCGE6

Quant Time: Jul 03 06:28:09 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 : Sat Jul 01 01:46:24 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	8105	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	25097	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.598	164	14977	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	29112	0.400	ng/ul	0.00
17) Chrysene-d12	21.546	240	18358	0.400	ng/ul	# 0.00
23) Perylene-d12	24.010	264	41447	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	19375	2.123	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	6059	0.157	ng/ul	-0.01
18) Fluoranthene-d10	19.382	212	11126	0.159	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.814	128	41607	0.578	ng/ul	99
7) 2-Methylnaphthalene	12.425	142	31297	0.683	ng/ul	99
8) 1-Methylnaphthalene	12.645	142	29012	0.611	ng/ul	100
10) Acenaphthylene	14.320	152	79223	1.130	ng/ul	99
11) Acenaphthene	14.658	153	395652	6.897	ng/ul	99
12) Fluorene	15.643	166	442475	6.727	ng/ul	99
15) Phenanthrene	17.397	178	8998775	93.582	ng/ul	98
16) Anthracene	17.482	178	2676404	31.314	ng/ul	100
19) Fluoranthene	19.419	202	16361178	166.860	ng/ul	97
20) Pyrene	19.786	202	13958330	136.863	ng/ul#	93
21) Benzo(a)anthracene	21.526	228	7805961	103.073	ng/ul	96
22) Chrysene	21.584	228	8243396	104.610	ng/ul#	94
24) Benzo(b)fluoranthene	23.274	252	15234343	86.117	ng/ul	87
26) Benzo(a)pyrene	23.923	252	7060945	45.956	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.635	276	5368270	31.988	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.728	278	401955	3.165	ng/ul	94
29) Benzo(g,h,i)perylene	27.433	276	4763565	31.908	ng/ul#	92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
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Misc :
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Quant Time: Jul 03 06:28:09 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 01:46:24 2023
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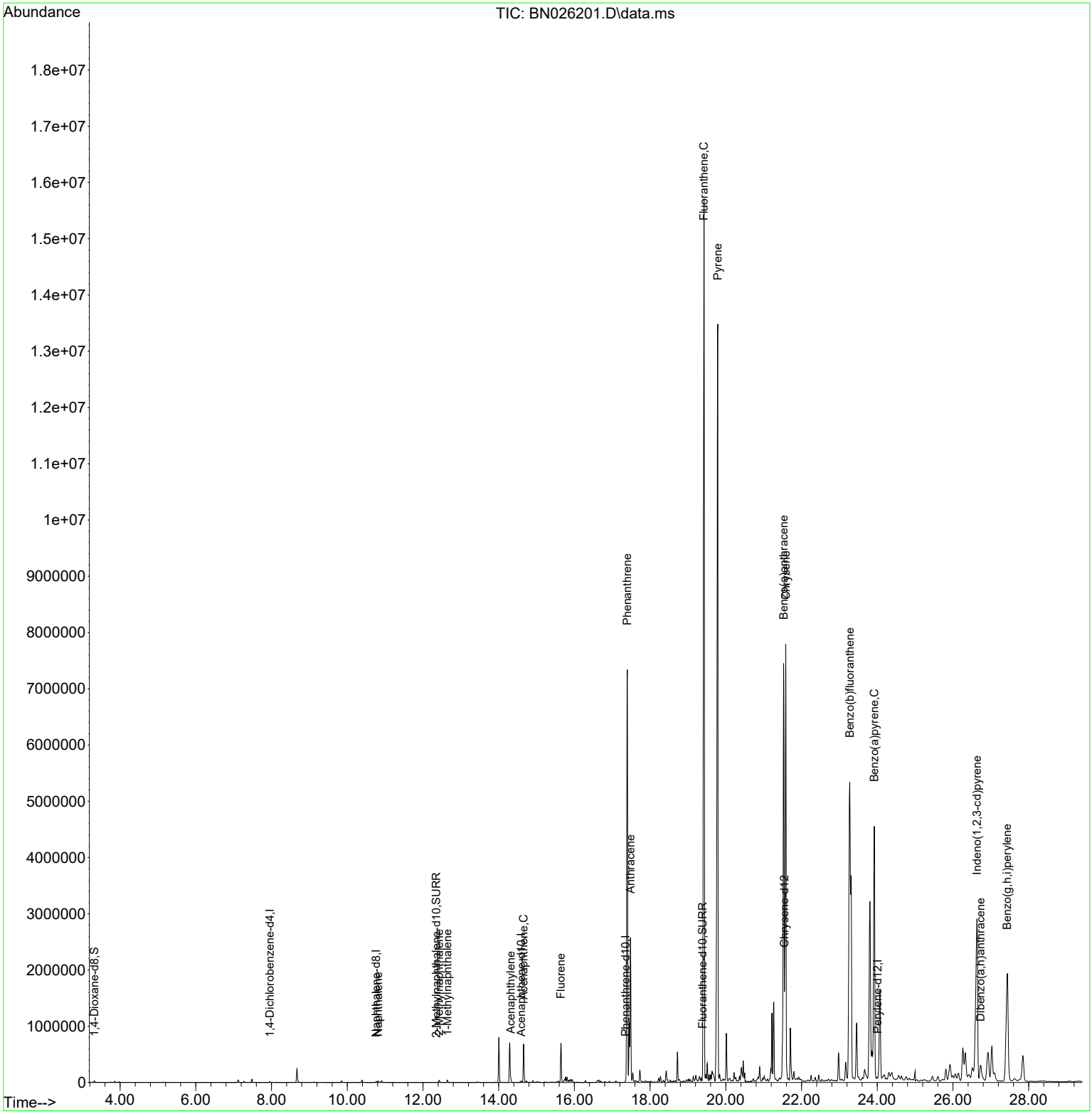
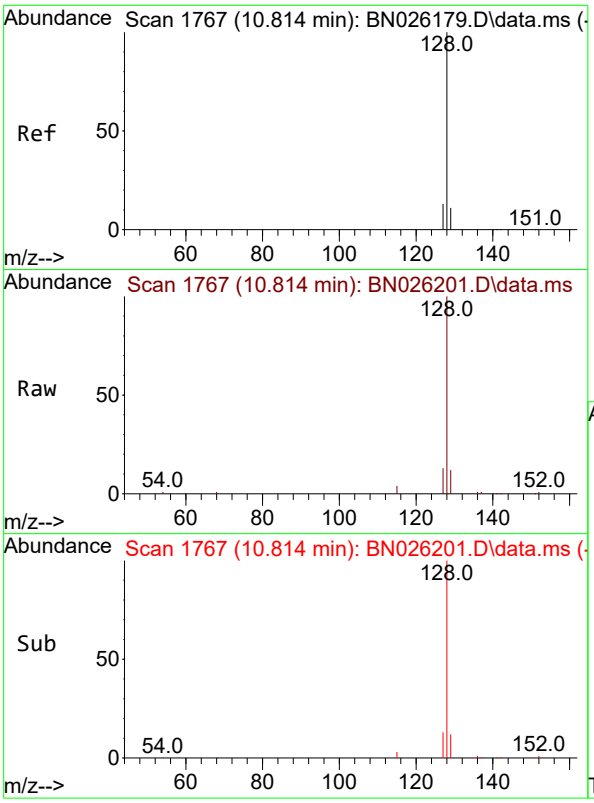


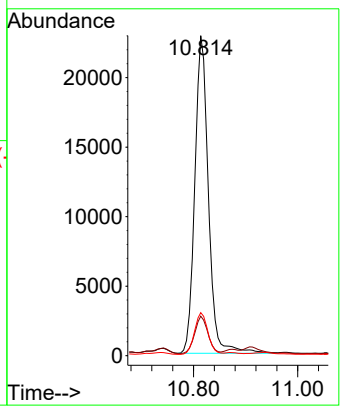


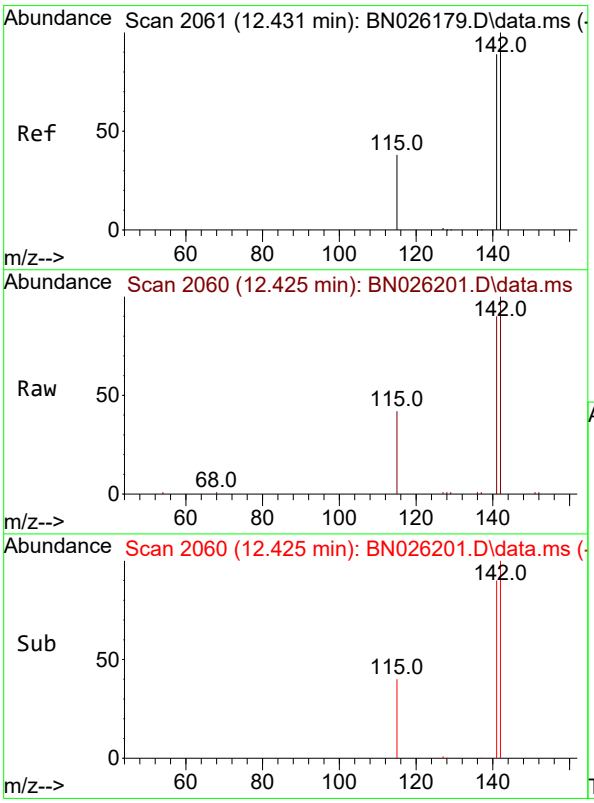
#5
Naphthalene
Concen: 0.578 ng/ul
RT: 10.814 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN026201.D
Acq: 02 Jul 2023 23:06

Instrument :
BNA_N
ClientSampleId :
DCGE6

Tgt Ion:128 Resp: 41607

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.1	13.7
127	13.4	10.7	16.1

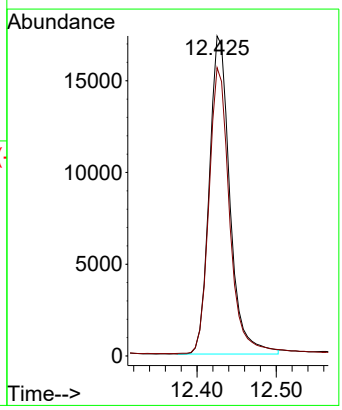


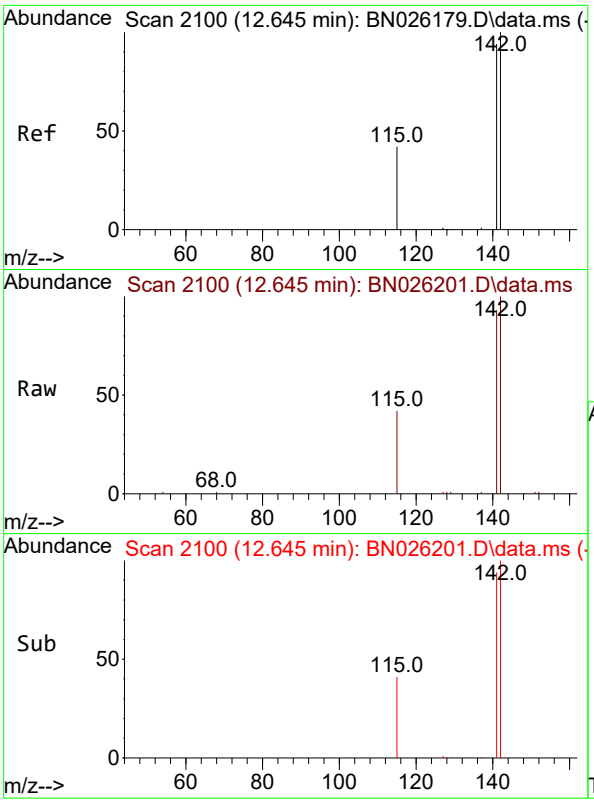


#7
2-Methylnaphthalene
Concen: 0.683 ng/ul
RT: 12.425 min Scan# 2060
Delta R.T. -0.011 min
Lab File: BN026201.D
Acq: 02 Jul 2023 23:06

Tgt Ion:142 Resp: 31297

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.9	107.9



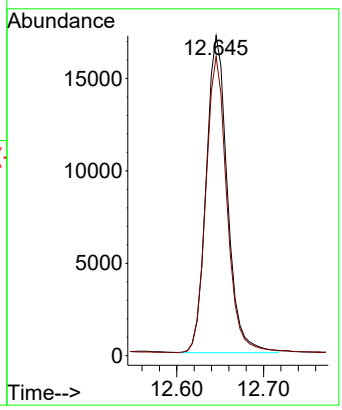


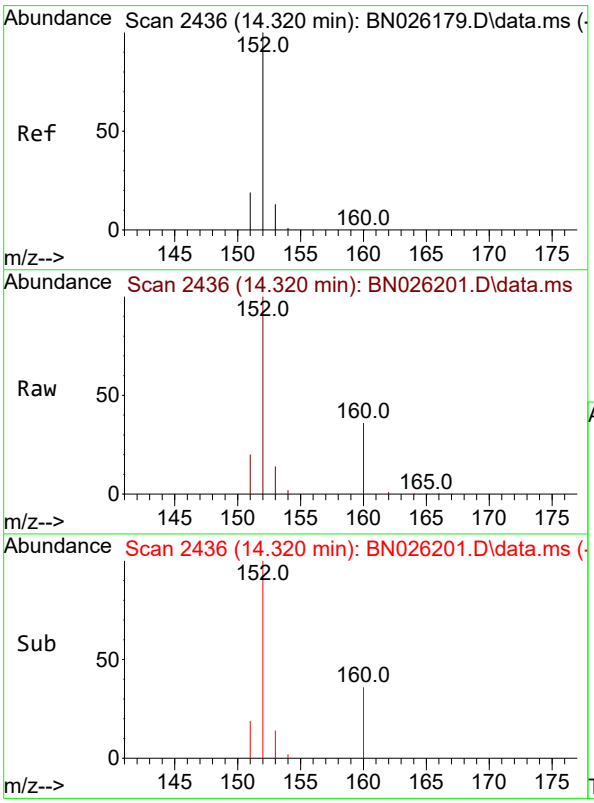
#8
1-Methylnaphthalene
Concen: 0.611 ng/ul
RT: 12.645 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN026201.D
Acq: 02 Jul 2023 23:06

Instrument :
BNA_N
ClientSampleId :
DCGE6

Tgt Ion:142 Resp: 29012

Ion	Ratio	Lower	Upper
142	100		
141	92.7	74.2	111.4

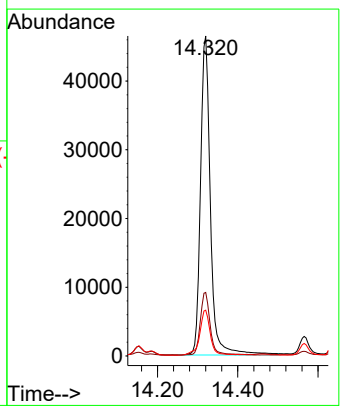


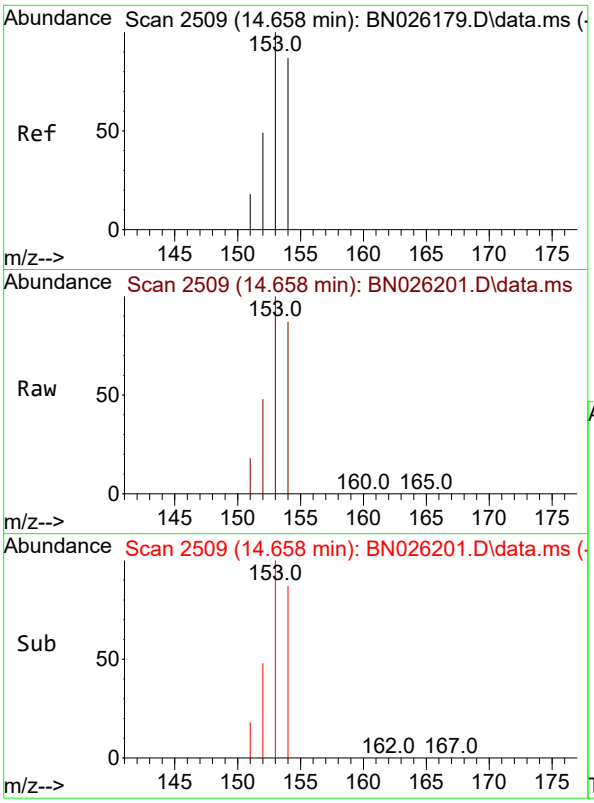


#10
Acenaphthylene
Concen: 1.130 ng/ul
RT: 14.320 min Scan# 2436
Delta R.T. -0.005 min
Lab File: BN026201.D
Acq: 02 Jul 2023 23:06

Tgt Ion:152 Resp: 79223

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.4
153	14.3	10.9	16.3



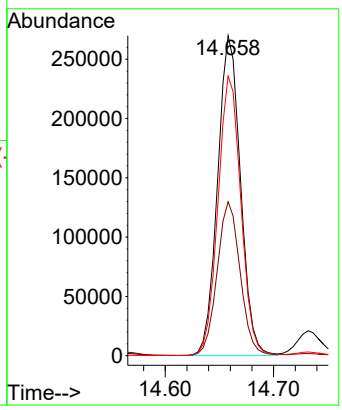


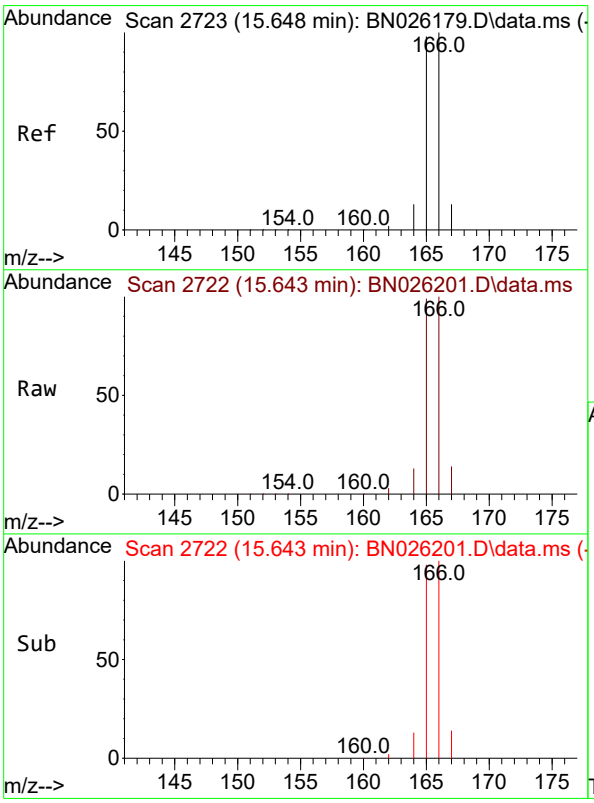
#11
Acenaphthene
Concen: 6.897 ng/ul
RT: 14.658 min Scan# 2
Delta R.T. -0.010 min
Lab File: BN026201.D
Acq: 02 Jul 2023 23:06

Instrument :
BNA_N
ClientSampleId :
DCGE6

Tgt Ion:153 Resp: 395652

Ion	Ratio	Lower	Upper
153	100		
152	48.1	39.4	59.0
154	87.3	68.9	103.3

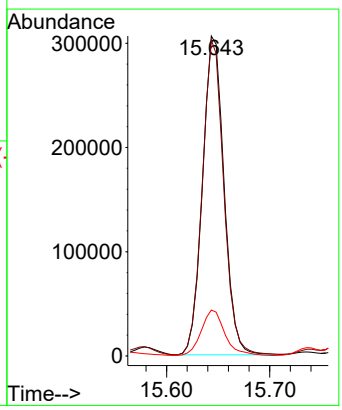


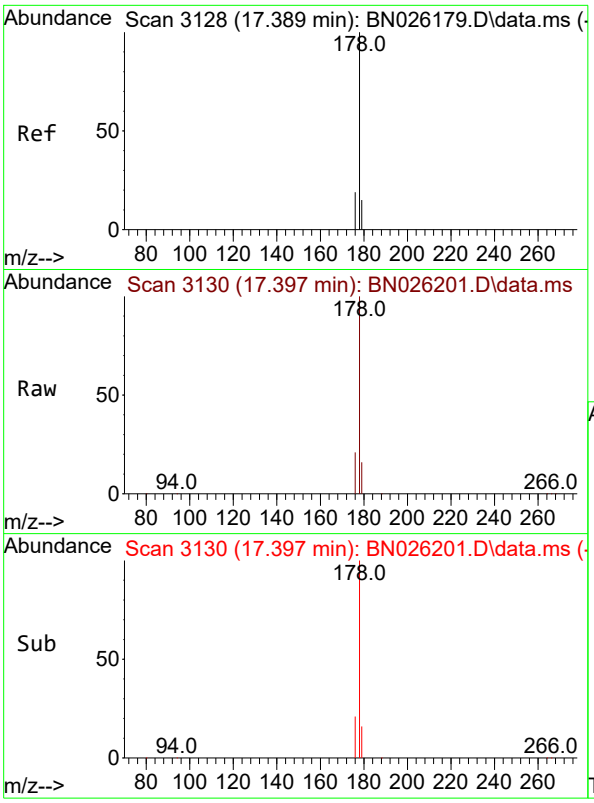


#12
Fluorene
Concen: 6.727 ng/ul
RT: 15.643 min Scan# 2722
Delta R.T. -0.010 min
Lab File: BN026201.D
Acq: 02 Jul 2023 23:06

Tgt Ion:166 Resp: 442475

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.9	119.9
167	14.4	10.8	16.2



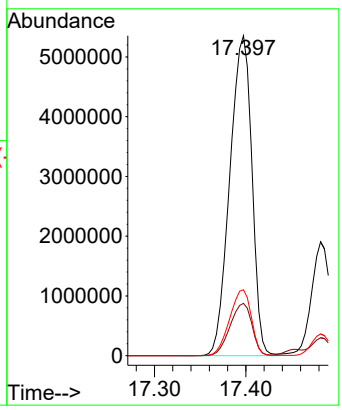


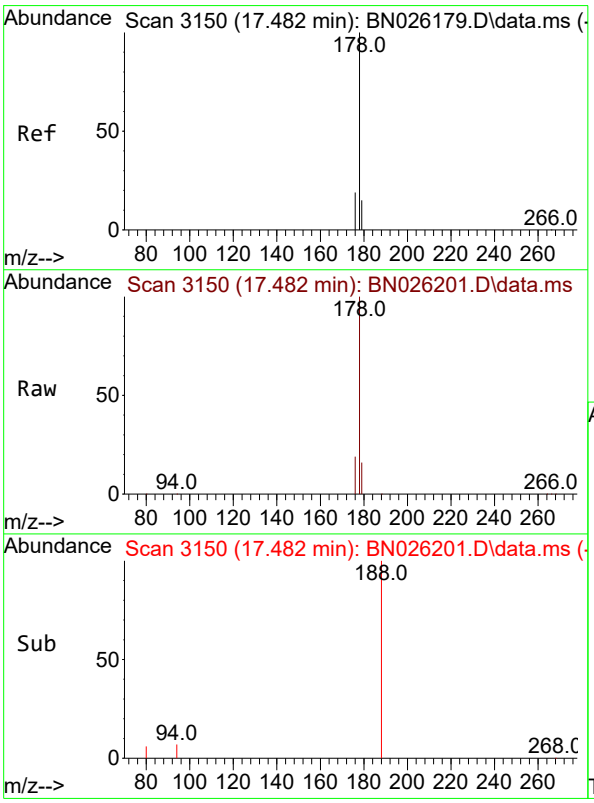
#15
Phenanthrene
Concen: 93.582 ng/ul
RT: 17.397 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN026201.D
Acq: 02 Jul 2023 23:06

Instrument :
BNA_N
ClientSampleId :
DCGE6

Tgt Ion:178 Resp: 8998775

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.6	19.0
176	20.6	15.8	23.6

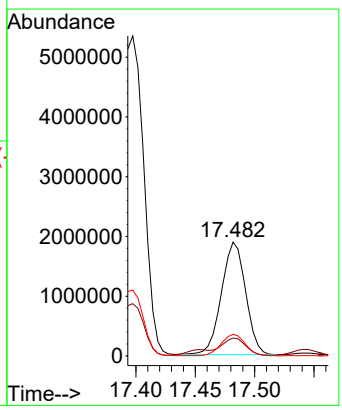


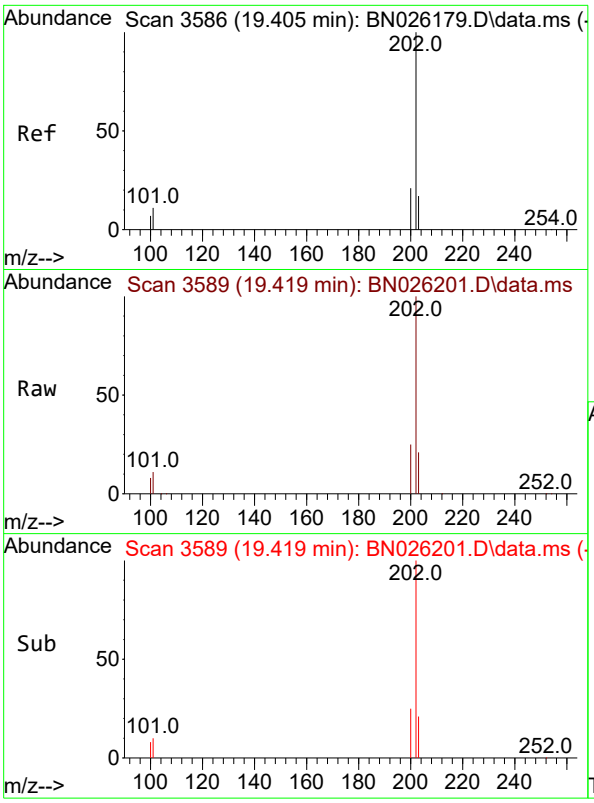


#16
Anthracene
Concen: 31.314 ng/ul
RT: 17.482 min Scan# 3150
Delta R.T. -0.005 min
Lab File: BN026201.D
Acq: 02 Jul 2023 23:06

Tgt Ion:178 Resp: 2676404

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	18.8
176	19.1	15.1	22.7



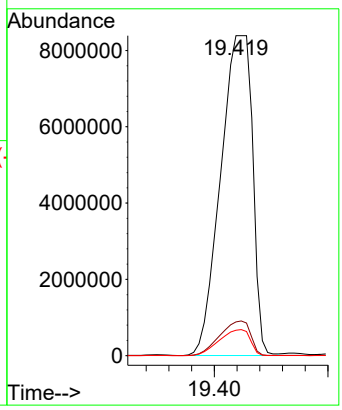


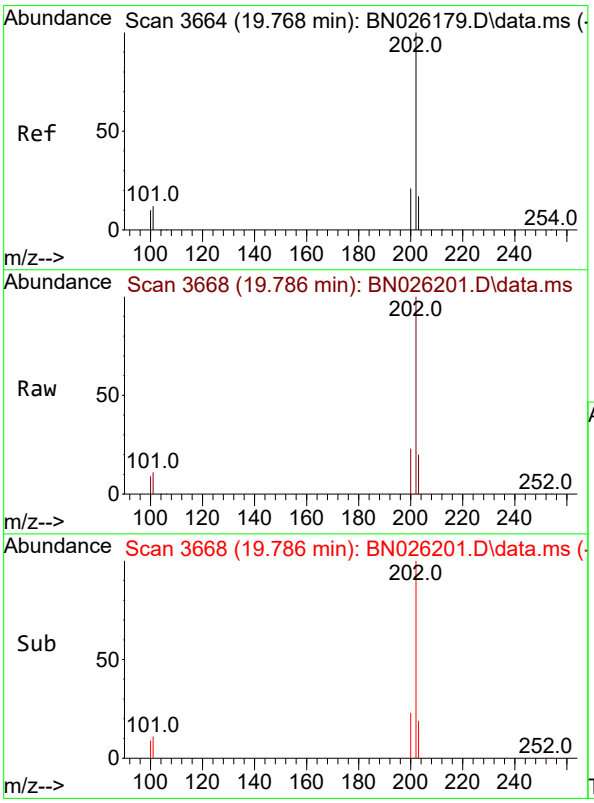
#19
Fluoranthene
Concen: 166.860 ng/ul
RT: 19.419 min Scan# 3
Delta R.T. 0.008 min
Lab File: BN026201.D
Acq: 02 Jul 2023 23:06

Instrument :
BNA_N
ClientSampleId :
DCGE6

Tgt Ion:202 Resp:16361178

Ion	Ratio	Lower	Upper
202	100		
101	10.6	9.5	14.3
100	8.0	7.3	10.9

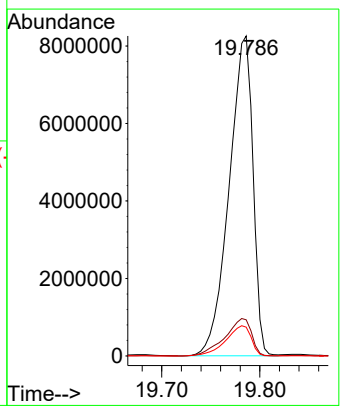


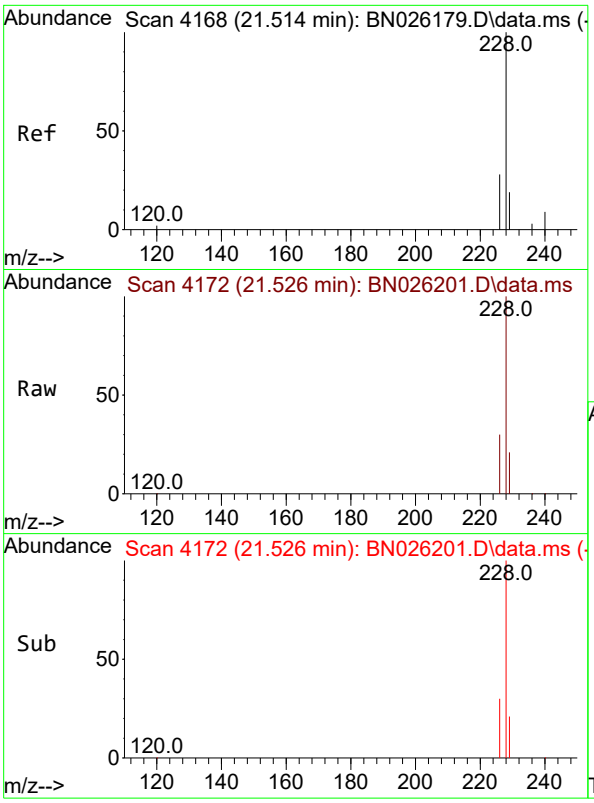


#20
Pyrene
Concen: 136.863 ng/ul
RT: 19.786 min Scan# 3668
Delta R.T. 0.013 min
Lab File: BN026201.D
Acq: 02 Jul 2023 23:06

Tgt Ion:202 Resp:13958330

Ion	Ratio	Lower	Upper
202	100		
101	11.3	11.4	17.0#
100	9.0	9.1	13.7#



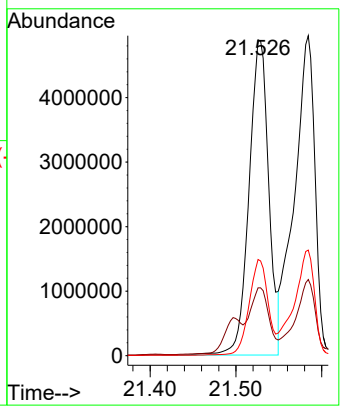


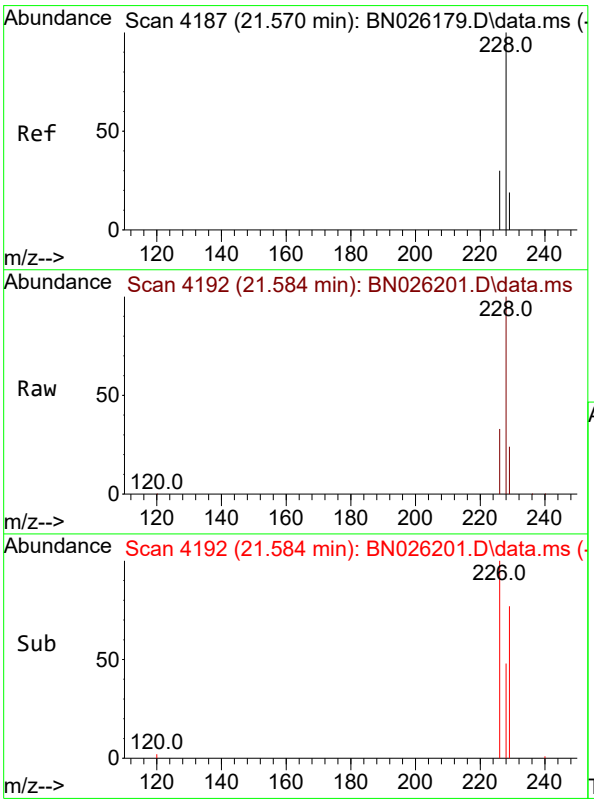
#21
Benzo(a)anthracene
Concen: 103.073 ng/ul
RT: 21.526 min Scan# 4
Delta R.T. -0.001 min
Lab File: BN026201.D
Acq: 02 Jul 2023 23:06

Instrument :
BNA_N
ClientSampleId :
DCGE6

Tgt Ion:228 Resp: 7805961

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.8	23.6
226	30.5	22.5	33.7

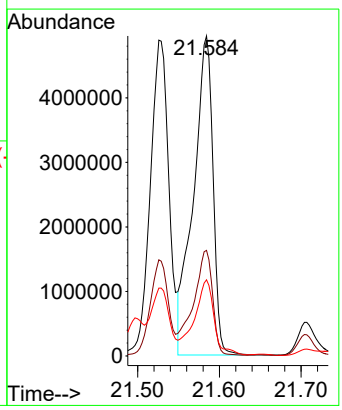


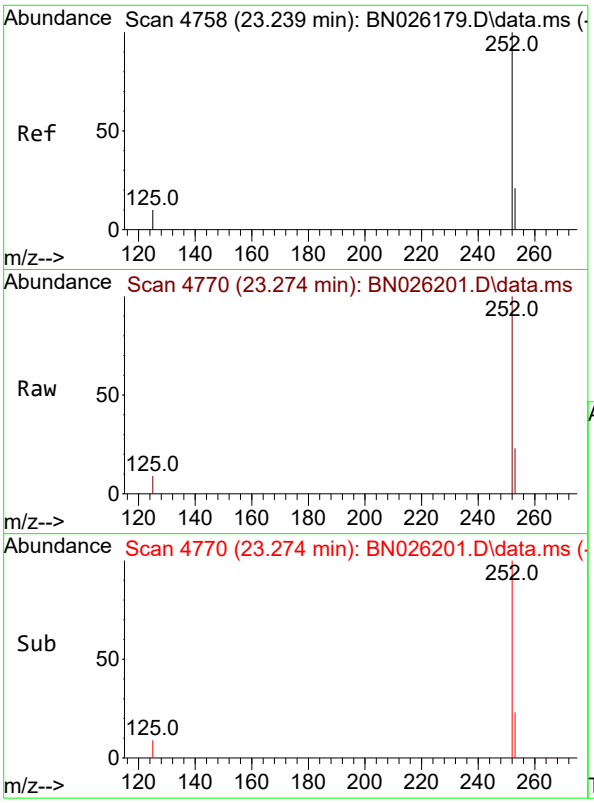


#22
Chrysene
Concen: 104.610 ng/ul
RT: 21.584 min Scan# 4192
Delta R.T. 0.005 min
Lab File: BN026201.D
Acq: 02 Jul 2023 23:06

Tgt Ion:228 Resp: 8243396

Ion	Ratio	Lower	Upper
228	100		
226	33.0	24.8	37.2
229	23.8	15.7	23.5#



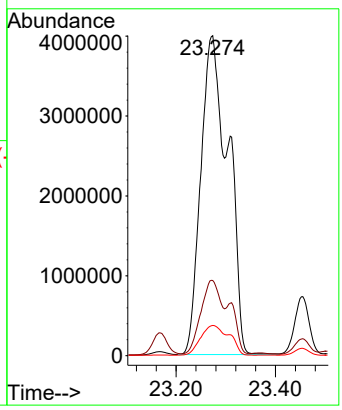


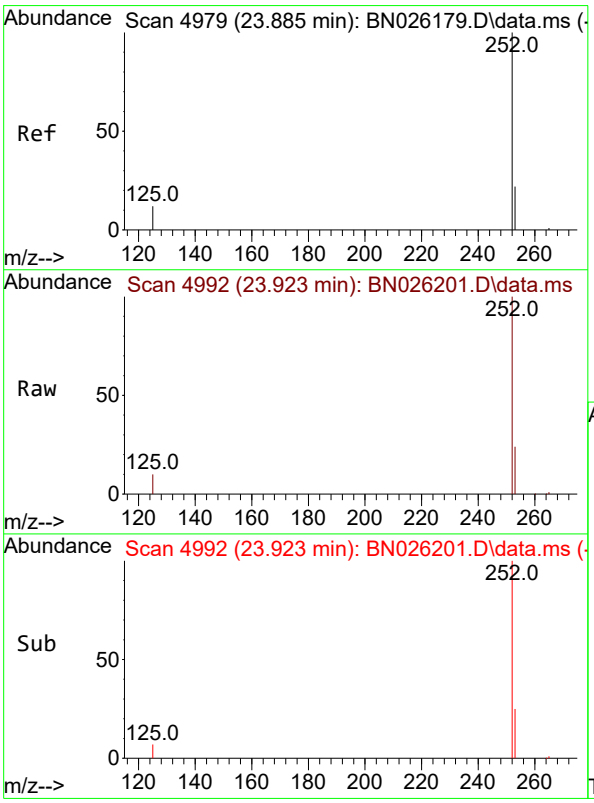
#24
Benzo(b)fluoranthene
Concen: 86.117 ng/ul
RT: 23.274 min Scan# 4
Delta R.T. 0.031 min
Lab File: BN026201.D
Acq: 02 Jul 2023 23:06

Instrument :
BNA_N
ClientSampleId :
DCGE6

Tgt Ion:252 Resp:15234343

Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	55.6
125	9.5	0.0	35.8

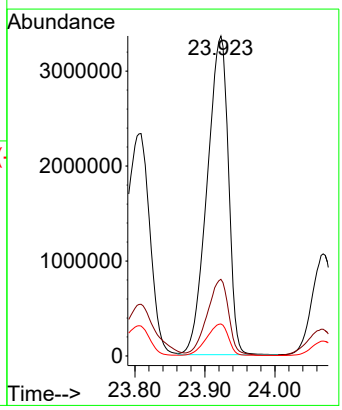


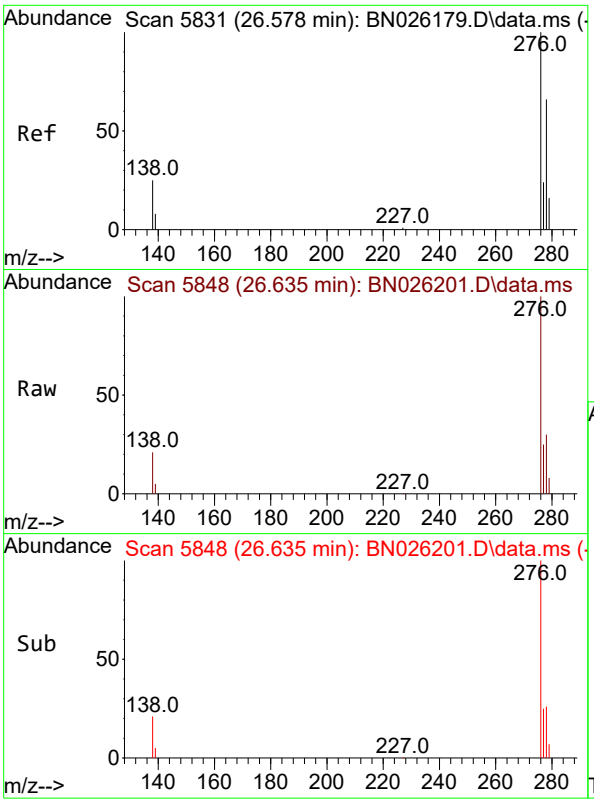


#26
Benzo(a)pyrene
Concen: 45.956 ng/ul
RT: 23.923 min Scan# 4992
Delta R.T. 0.037 min
Lab File: BN026201.D
Acq: 02 Jul 2023 23:06

Tgt Ion:252 Resp: 7060945

Ion	Ratio	Lower	Upper
252	100		
253	24.0	26.0	39.0#
125	10.0	17.3	25.9#



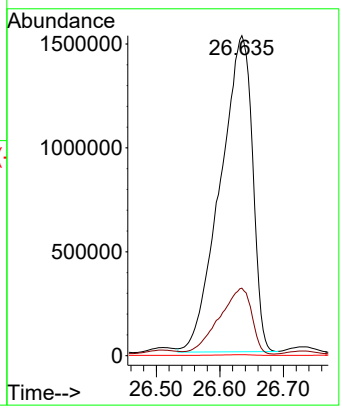


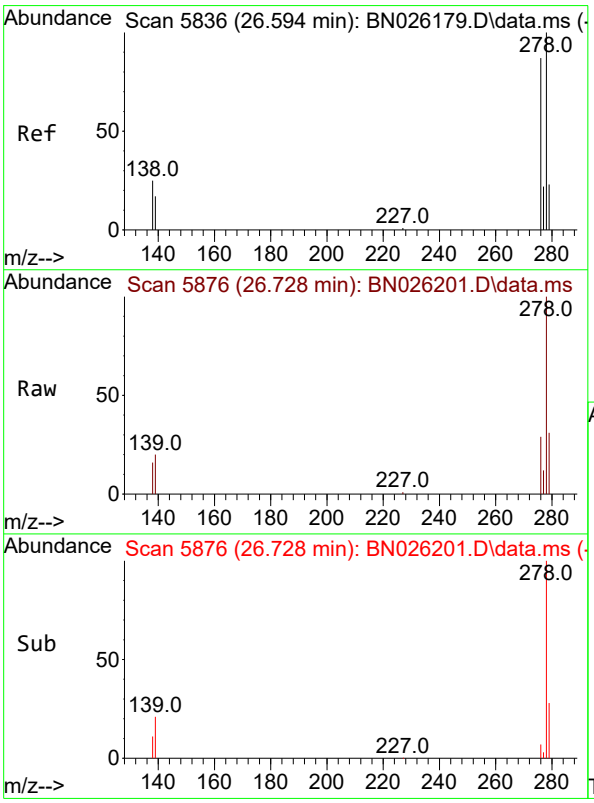
#27
Indeno(1,2,3-cd)pyrene
Concen: 31.988 ng/ul
RT: 26.635 min Scan# 5
Delta R.T. 0.076 min
Lab File: BN026201.D
Acq: 02 Jul 2023 23:06

Instrument :
BNA_N
ClientSampleId :
DCGE6

Tgt Ion:276 Resp: 5368270

Ion	Ratio	Lower	Upper
276	100		
138	21.1	24.5	36.7#
227	0.2	0.0	0.0#

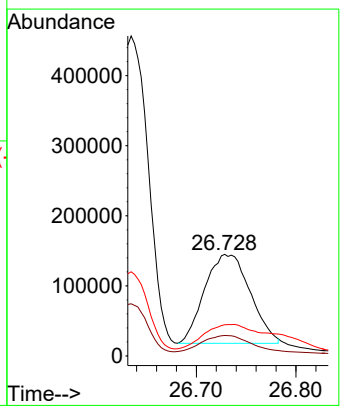


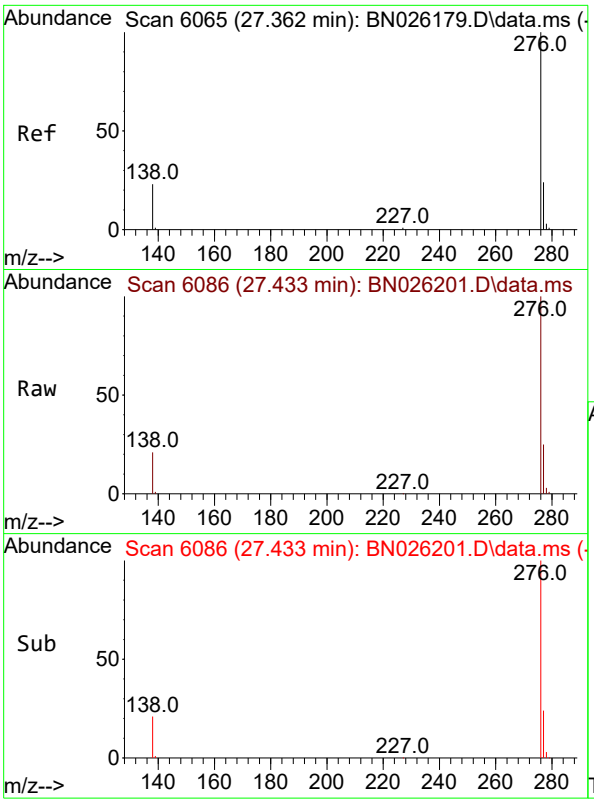


#28
Dibenzo(a,h)anthracene
Concen: 3.165 ng/ul
RT: 26.728 min Scan# 5876
Delta R.T. 0.150 min
Lab File: BN026201.D
Acq: 02 Jul 2023 23:06

Tgt Ion:278 Resp: 401955

Ion	Ratio	Lower	Upper
278	100		
139	20.2	19.0	28.4
279	30.8	26.7	40.1





#29
Benzo(g,h,i)perylene
Concen: 31.908 ng/ul
RT: 27.433 min Scan# 6
Delta R.T. 0.086 min
Lab File: BN026201.D
Acq: 02 Jul 2023 23:06

Instrument :
BNA_N
ClientSampleId :
DCGE6

Tgt Ion:276 Resp: 4763565

Ion	Ratio	Lower	Upper
276	100		
138	21.5	23.4	35.0#
277	24.6	20.0	30.0