Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071723\
Data File : BN026555.D
Acq On : 18 Jul 2023 02:26
Operator : MA/JU
Sample : 03458-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A46M8

Quant Time: Jul 18 04:24:19 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 17 17:14:21 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	3670	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.748	136	11481	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.576	164	7493	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.322	188	21808	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	13037	0.400	ng/ul	#-0.01
23) Perylene-d12	23.923	264	11872	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	10744	2.223	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.337	152	1948	0.125	ng/ul	-0.01
18) Fluoranthene-d10	19.350	212	5584	0.124	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.306	88	107	0.023	ng/ul#	4
5) Naphthalene	10.792	128	28874	0.916	ng/ul	98
7) 2-Methylnaphthalene	12.409	142	7401	0.414	ng/ul	99
8) 1-Methylnaphthalene	12.629	142	6104	0.319	ng/ul	99
10) Acenaphthylene	14.298	152	6563	0.179	ng/ul#	92
11) Acenaphthene	14.640	153	22984	0.822	ng/ul	99
12) Fluorene	15.626	166	27321	0.932	ng/ul	98
15) Phenanthrene	17.360	178	332354	4.785	ng/ul	97
16) Anthracene	17.453	178	61728	1.024	ng/ul	96
19) Fluoranthene	19.378	202	322946	5.285	ng/ul#	96
20) Pyrene	19.740	202	275276	4.148	ng/ul	98
21) Benzo(a)anthracene	21.491	228	128216	2.676	ng/ul	98
22) Chrysene	21.547	228	125100	2.294	ng/ul	100
24) Benzo(b)fluoranthene	23.190	252	155626	3.365	ng/ul	84
26) Benzo(a)pyrene	23.809	252	33546	0.815	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.431	276	30206	0.560	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.441	278	12813	0.309	ng/ul	97
29) Benzo(g,h,i)perylene	27.215	276	1931	0.041	ng/ul#	56

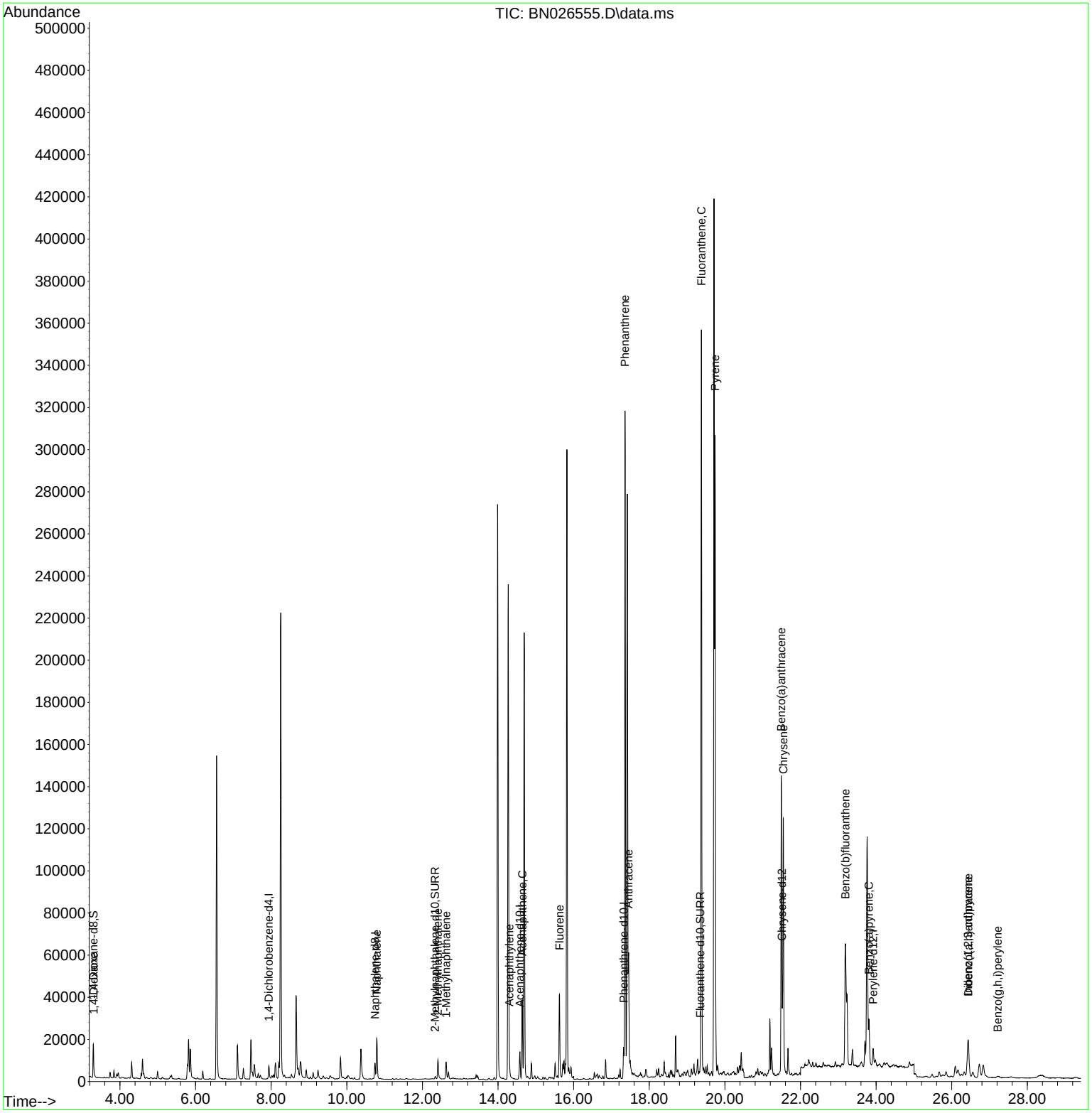
(#) = qualifier out of range (m) = manual integration (+) = signals summed

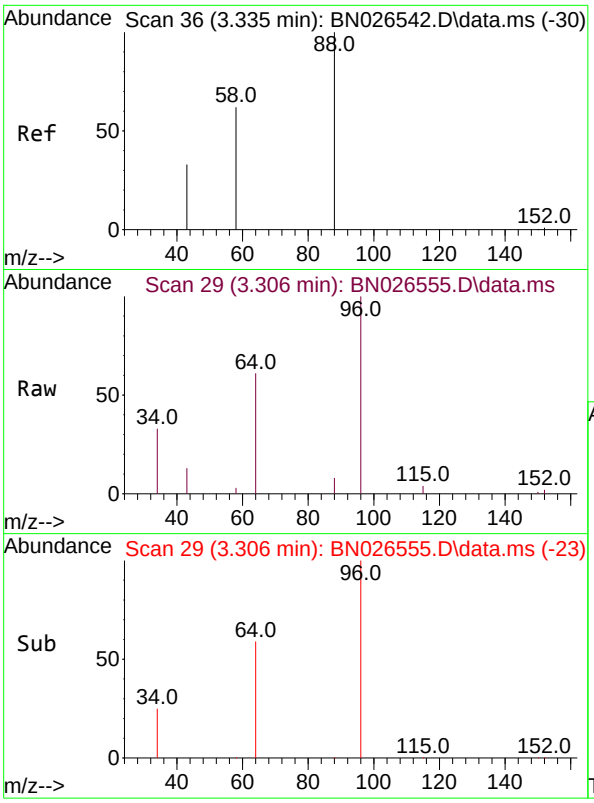
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071723\
Data File : BN026555.D
Acq On : 18 Jul 2023 02:26
Operator : MA/JU
Sample : 03458-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A46M8

Quant Time: Jul 18 04:24:19 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 17 17:14:21 2023
Response via : Initial Calibration



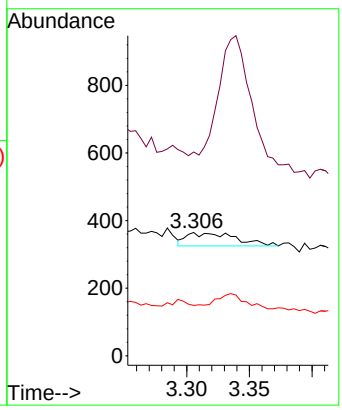


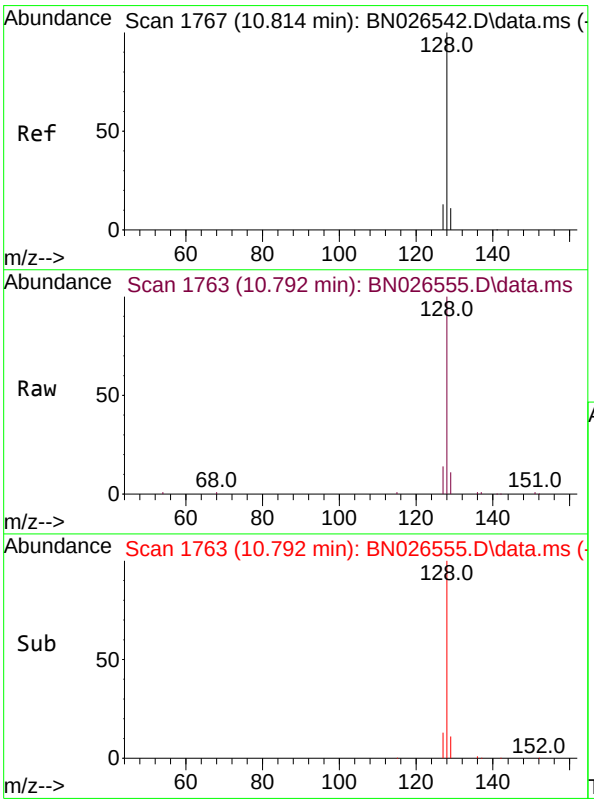
#2
1,4-Dioxane
Concen: 0.023 ng/ul
RT: 3.306 min Scan# 2
Delta R.T. -0.025 min
Lab File: BN026555.D
Acq: 18 Jul 2023 02:26

Instrument :
BNA_N
ClientSampleId :
A46M8

Tgt Ion: 88 Resp: 107

Ion	Ratio	Lower	Upper
88	100		
43	165.2	33.0	49.6#
58	40.8	41.7	62.5#

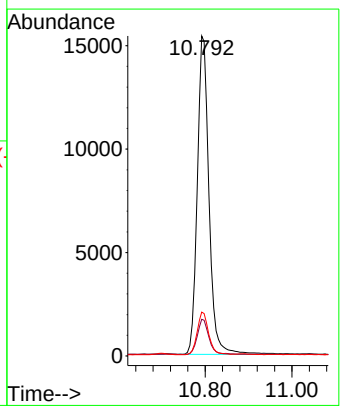


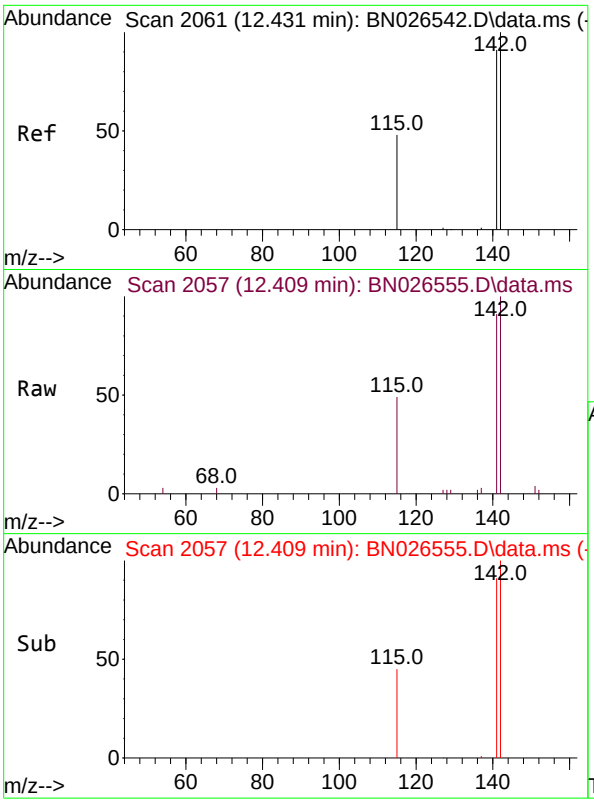


#5
Naphthalene
Concen: 0.916 ng/ul
RT: 10.792 min Scan# 1763
Delta R.T. -0.005 min
Lab File: BN026555.D
Acq: 18 Jul 2023 02:26

Tgt Ion:128 Resp: 28874

Ion	Ratio	Lower	Upper
128	100		
129	11.4	10.2	15.2
127	13.7	11.4	17.0



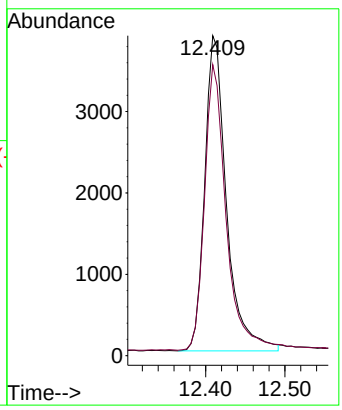


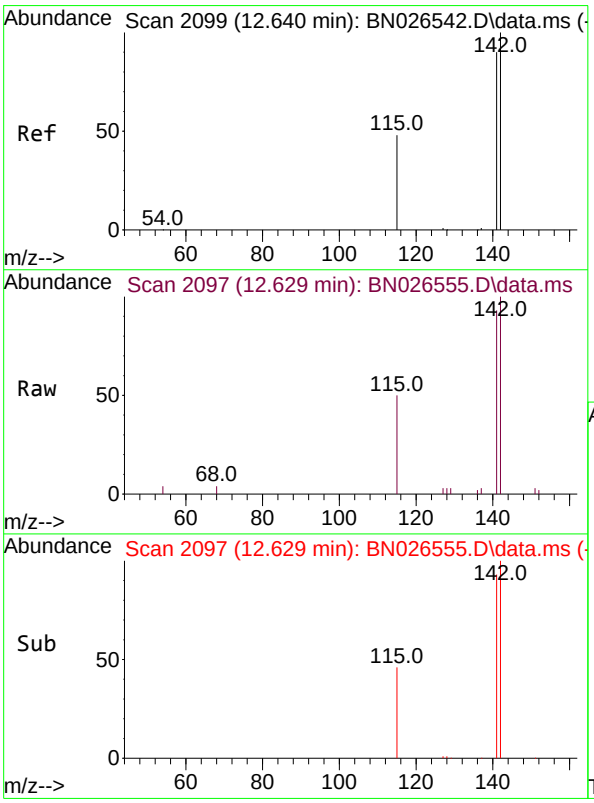
#7
2-Methylnaphthalene
Concen: 0.414 ng/ul
RT: 12.409 min Scan# 2
Delta R.T. -0.011 min
Lab File: BN026555.D
Acq: 18 Jul 2023 02:26

Instrument :
BNA_N
ClientSampleId :
A46M8

Tgt Ion:142 Resp: 7401

Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.3	108.5

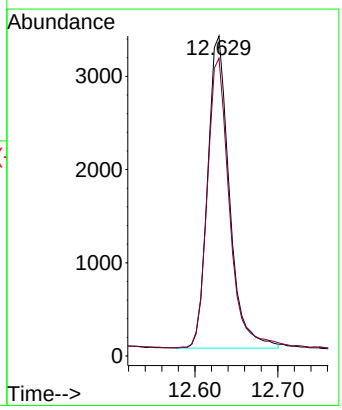


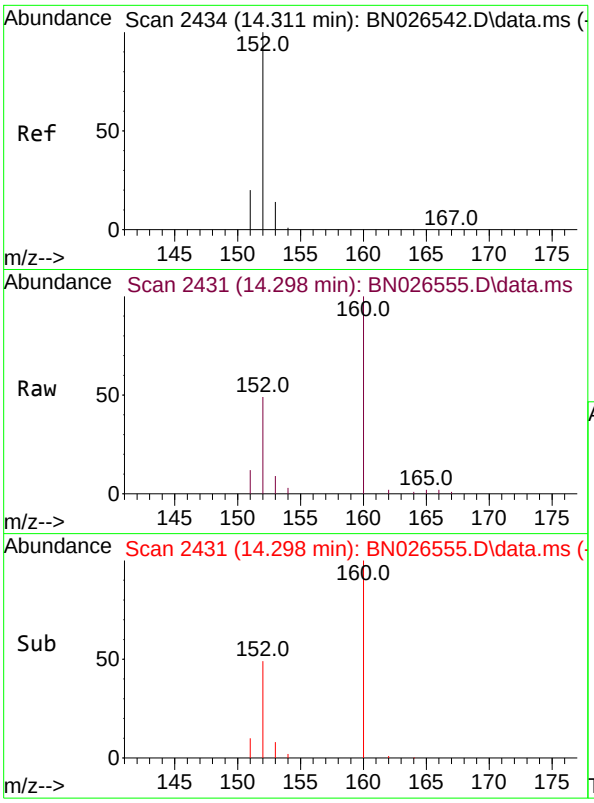


#8
1-Methylnaphthalene
Concen: 0.319 ng/ul
RT: 12.629 min Scan# 2097
Delta R.T. 0.000 min
Lab File: BN026555.D
Acq: 18 Jul 2023 02:26

Tgt Ion:142 Resp: 6104

Ion	Ratio	Lower	Upper
142	100		
141	94.2	74.5	111.7



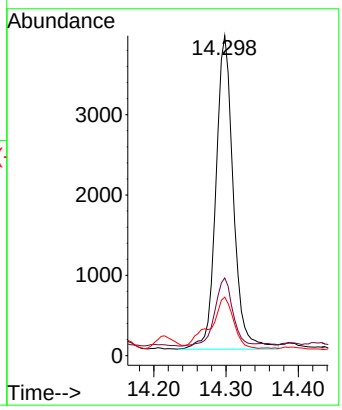


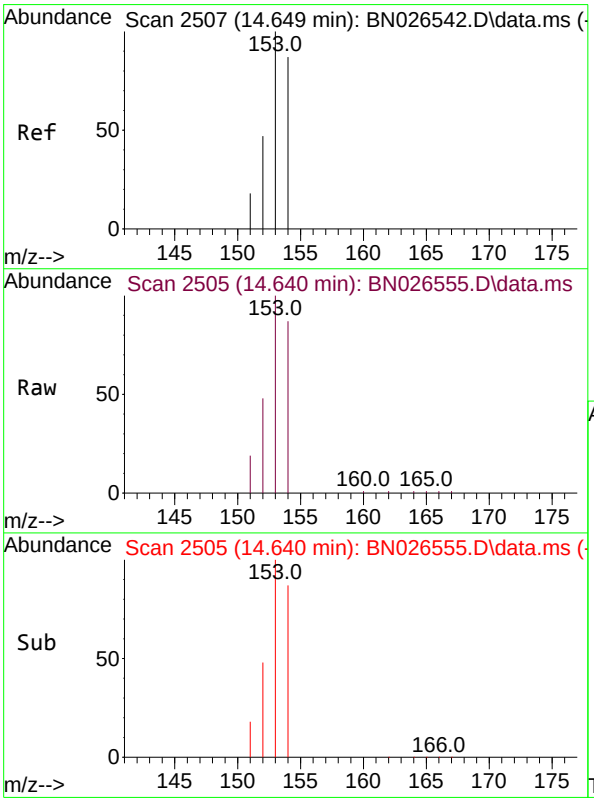
#10
Acenaphthylene
Concen: 0.179 ng/ul
RT: 14.298 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN026555.D
Acq: 18 Jul 2023 02:26

Instrument :
BNA_N
ClientSampleId :
A46M8

Tgt Ion:152 Resp: 6563

Ion	Ratio	Lower	Upper
152	100		
151	24.3	17.0	25.6
153	18.3	11.4	17.2#

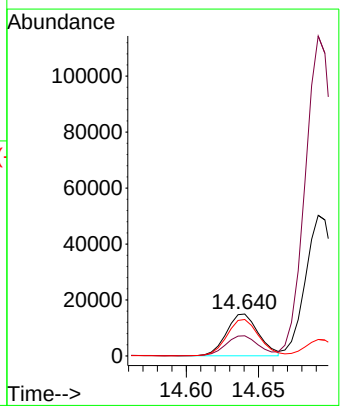


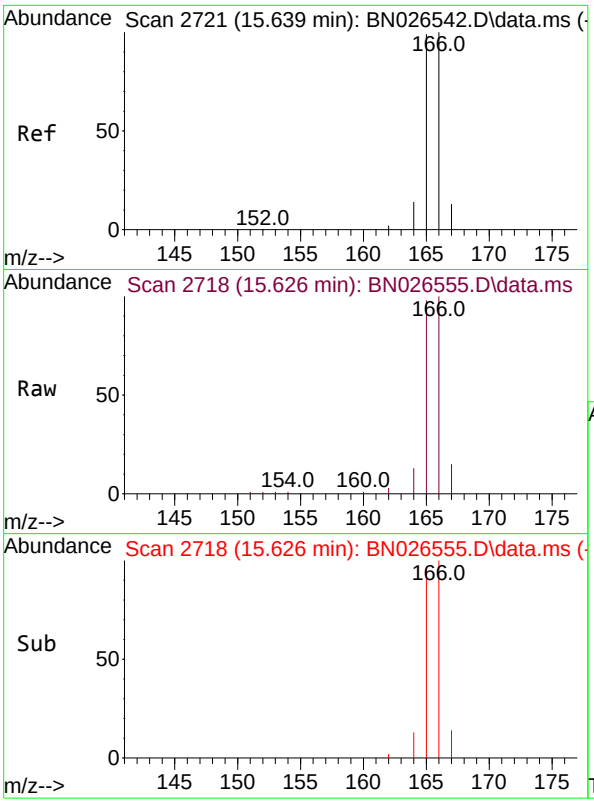


#11
Acenaphthene
Concen: 0.822 ng/ul
RT: 14.640 min Scan# 2505
Delta R.T. 0.001 min
Lab File: BN026555.D
Acq: 18 Jul 2023 02:26

Tgt Ion:153 Resp: 22984

Ion	Ratio	Lower	Upper
153	100		
152	48.1	40.2	60.4
154	86.8	69.3	103.9



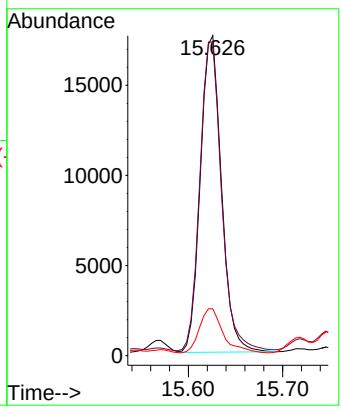


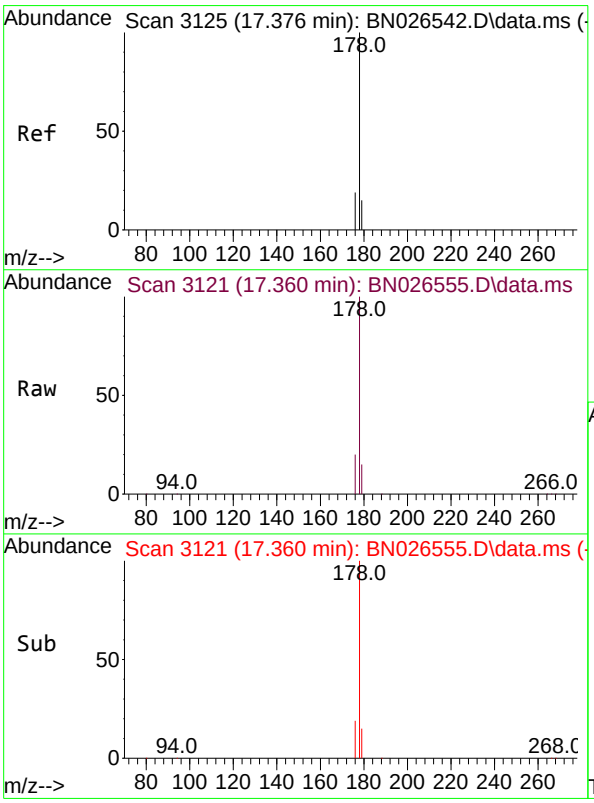
#12
Fluorene
Concen: 0.932 ng/ul
RT: 15.626 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN026555.D
Acq: 18 Jul 2023 02:26

Instrument :
BNA_N
ClientSampleId :
A46M8

Tgt Ion:166 Resp: 27321

Ion	Ratio	Lower	Upper
166	100		
165	98.0	80.6	120.8
167	14.7	12.0	18.0

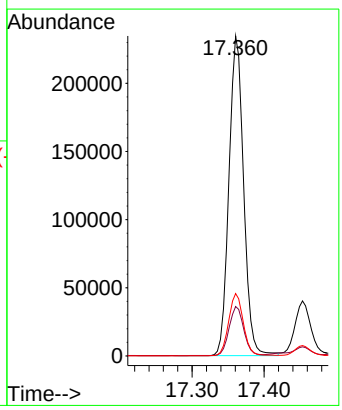


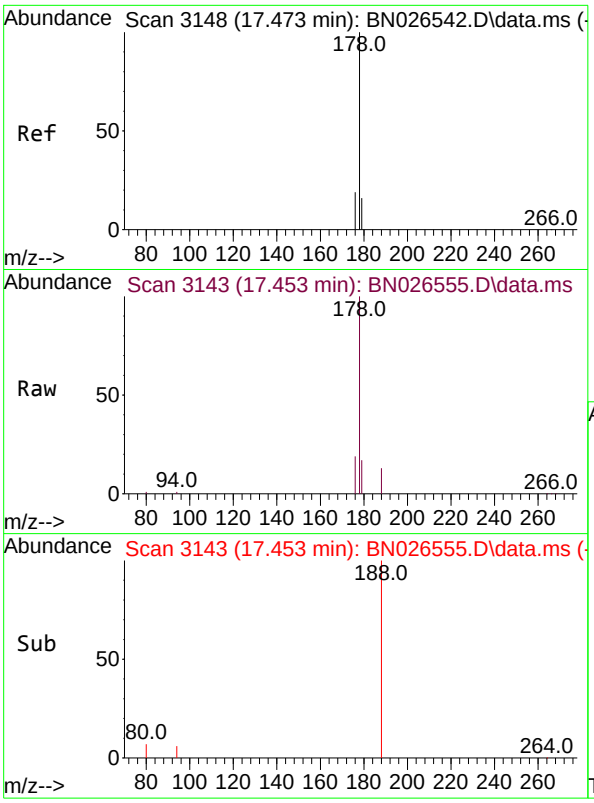


#15
Phenanthrene
Concen: 4.785 ng/ul
RT: 17.360 min Scan# 3121
Delta R.T. -0.012 min
Lab File: BN026555.D
Acq: 18 Jul 2023 02:26

Tgt Ion:178 Resp: 332354

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.7	20.5
176	19.5	16.5	24.7



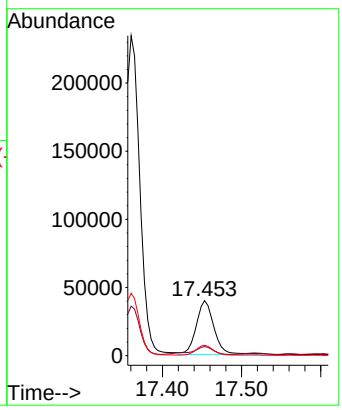


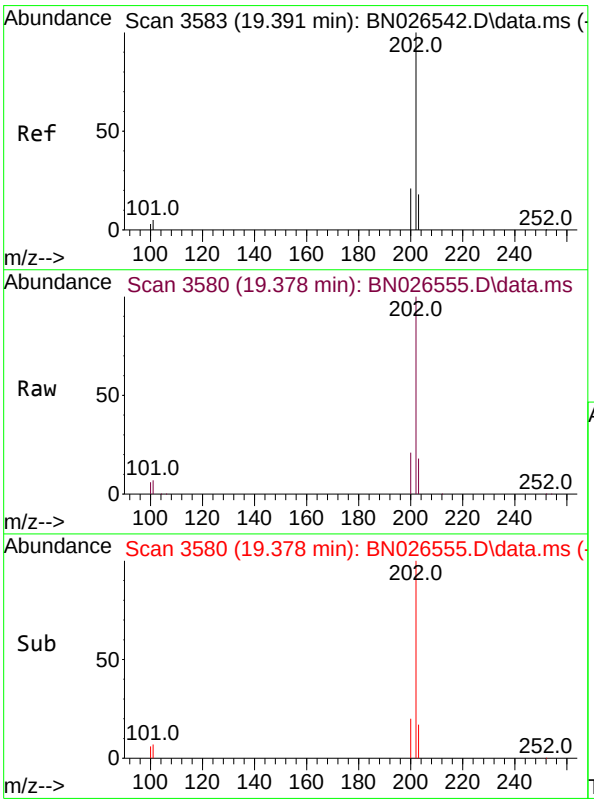
#16
Anthracene
Concen: 1.024 ng/ul
RT: 17.453 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN026555.D
Acq: 18 Jul 2023 02:26

Instrument :
BNA_N
ClientSampleId :
A46M8

Tgt Ion:178 Resp: 61728

Ion	Ratio	Lower	Upper
178	100		
179	16.6	14.8	22.2
176	18.9	16.6	25.0

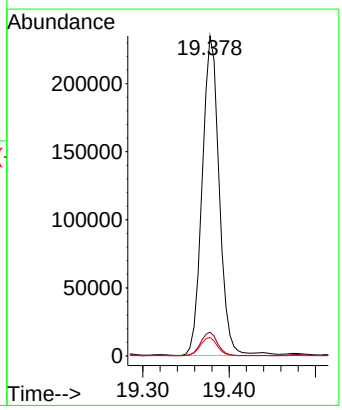


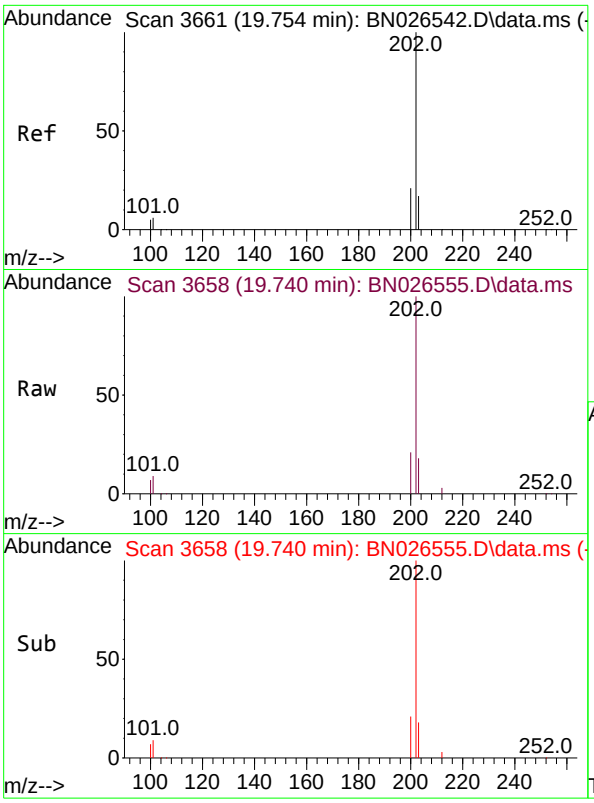


#19
Fluoranthene
Concen: 5.285 ng/ul
RT: 19.378 min Scan# 3580
Delta R.T. -0.009 min
Lab File: BN026555.D
Acq: 18 Jul 2023 02:26

Tgt Ion:202 Resp: 322946

Ion	Ratio	Lower	Upper
202	100		
101	7.4	7.0	10.4
100	5.8	6.0	9.0#



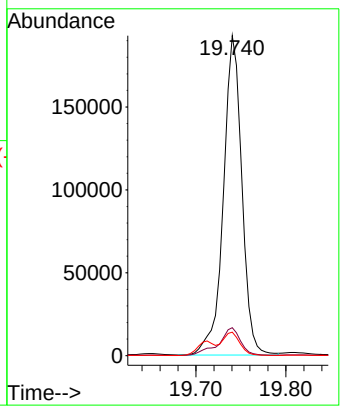


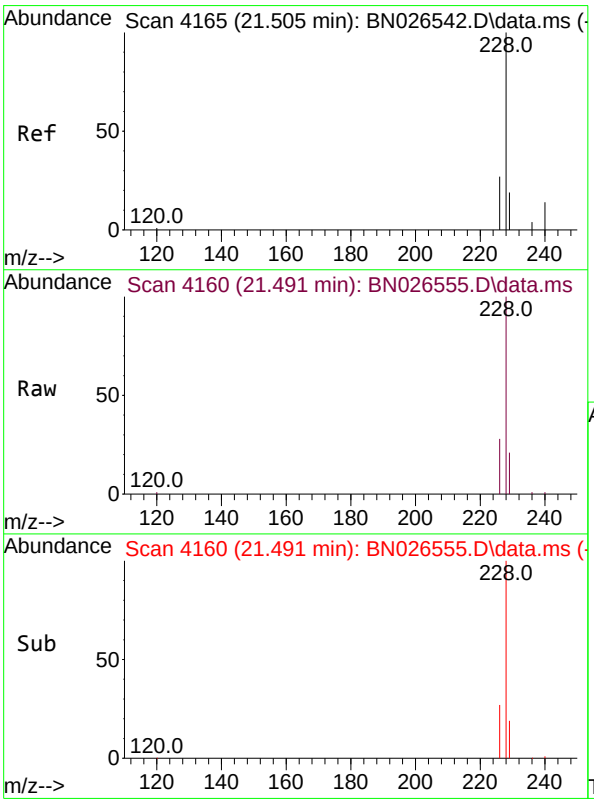
#20
Pyrene
Concen: 4.148 ng/ul
RT: 19.740 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN026555.D
Acq: 18 Jul 2023 02:26

Instrument :
BNA_N
ClientSampleId :
A46M8

Tgt Ion:202 Resp: 275276

Ion	Ratio	Lower	Upper
202	100		
101	8.8	8.0	12.0
100	7.4	6.2	9.2

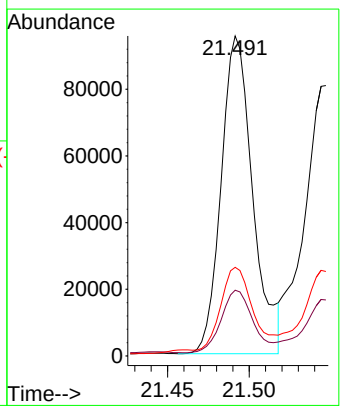


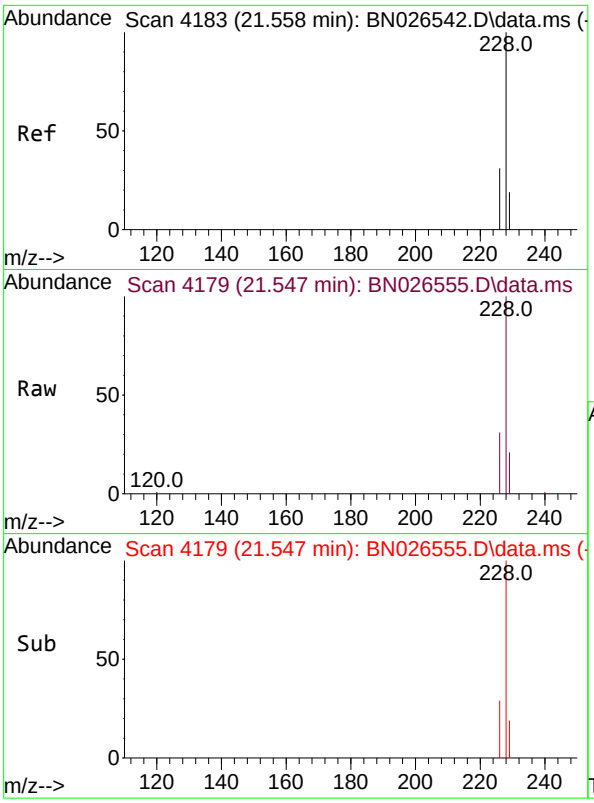


#21
Benzo(a)anthracene
Concen: 2.676 ng/ul
RT: 21.491 min Scan# 4160
Delta R.T. -0.011 min
Lab File: BN026555.D
Acq: 18 Jul 2023 02:26

Tgt Ion:228 Resp: 128216

Ion	Ratio	Lower	Upper
228	100		
229	20.5	16.7	25.1
226	27.7	23.5	35.3



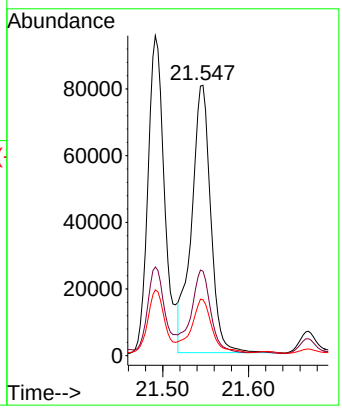


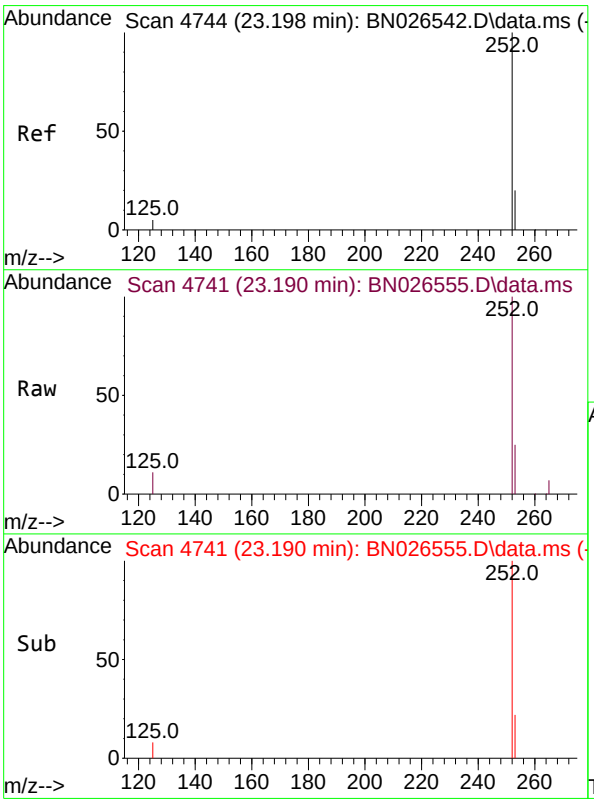
#22
Chrysene
Concen: 2.294 ng/ul
RT: 21.547 min Scan# 4
Delta R.T. -0.011 min
Lab File: BN026555.D
Acq: 18 Jul 2023 02:26

Instrument :
BNA_N
ClientSampleId :
A46M8

Tgt Ion:228 Resp: 125100

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.2	37.8
229	20.7	16.4	24.6

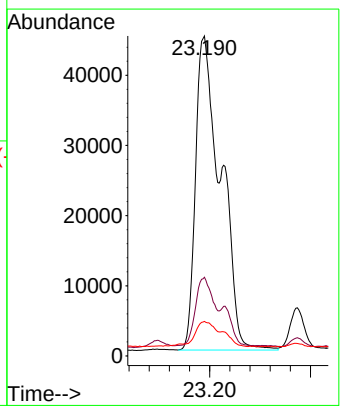


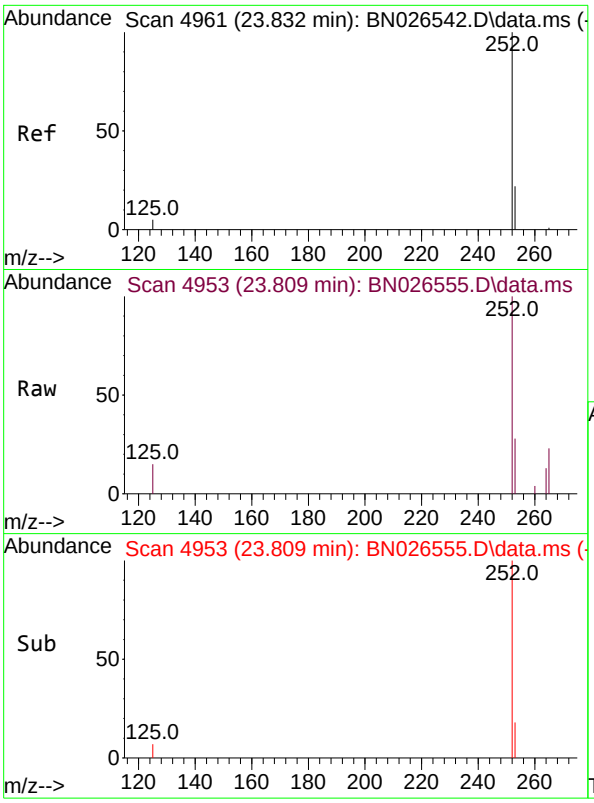


#24
Benzo(b)fluoranthene
Concen: 3.365 ng/ul
RT: 23.190 min Scan# 4741
Delta R.T. -0.005 min
Lab File: BN026555.D
Acq: 18 Jul 2023 02:26

Tgt Ion:252 Resp: 155626

Ion	Ratio	Lower	Upper
252	100		
253	24.6	0.0	68.6
125	10.8	0.0	34.0



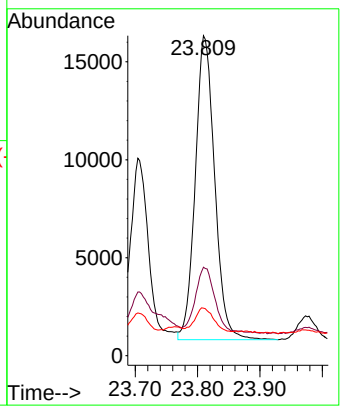


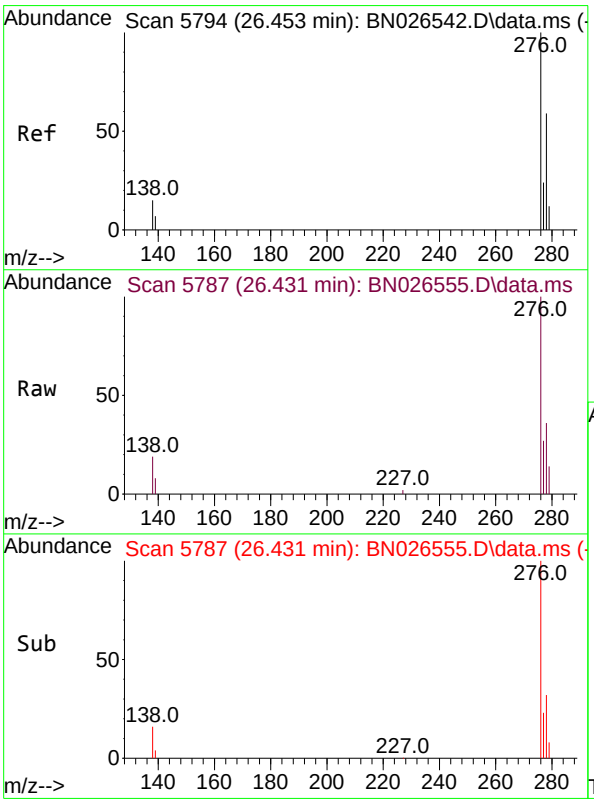
#26
Benzo(a)pyrene
Concen: 0.815 ng/ul
RT: 23.809 min Scan# 4
Delta R.T. -0.017 min
Lab File: BN026555.D
Acq: 18 Jul 2023 02:26

Instrument :
BNA_N
ClientSampleId :
A46M8

Tgt Ion:252 Resp: 33546

Ion	Ratio	Lower	Upper
252	100		
253	27.7	32.6	49.0#
125	14.8	19.3	28.9#

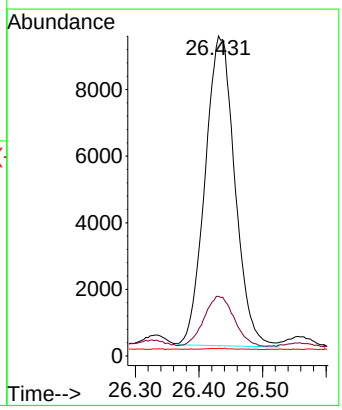


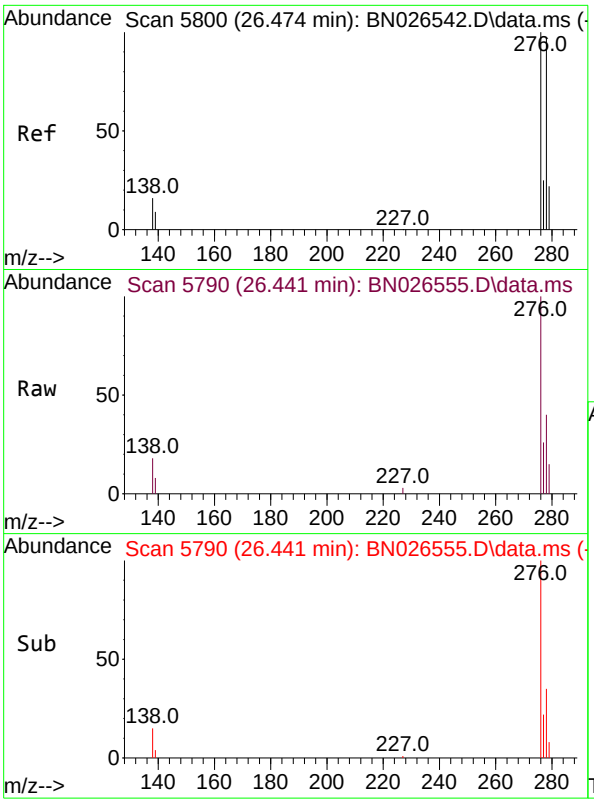


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.560 ng/ul
RT: 26.431 min Scan# 5787
Delta R.T. -0.023 min
Lab File: BN026555.D
Acq: 18 Jul 2023 02:26

Tgt Ion:276 Resp: 30206

Ion	Ratio	Lower	Upper
276	100		
138	16.7	22.2	33.4#
227	0.3	0.1	0.1#



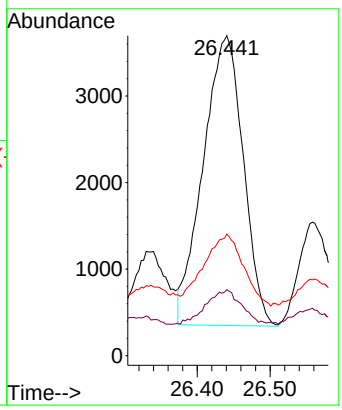


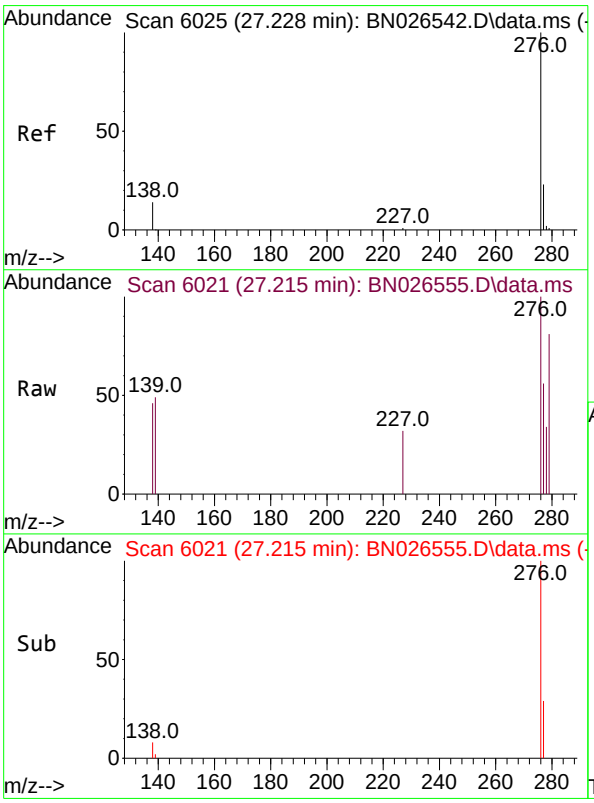
#28
Dibenzo(a,h)anthracene
Concen: 0.309 ng/ul
RT: 26.441 min Scan# 5
Delta R.T. -0.026 min
Lab File: BN026555.D
Acq: 18 Jul 2023 02:26

Instrument :
BNA_N
ClientSampleId :
A46M8

Tgt Ion:278 Resp: 12813

Ion	Ratio	Lower	Upper
278	100		
139	20.6	18.9	28.3
279	38.0	31.3	46.9





#29
Benzo(g,h,i)perylene
Concen: 0.041 ng/ul
RT: 27.215 min Scan# 6021
Delta R.T. -0.010 min
Lab File: BN026555.D
Acq: 18 Jul 2023 02:26

Tgt Ion:276 Resp: 1931

Ion	Ratio	Lower	Upper
276	100		
138	45.7	22.6	34.0#
277	56.3	21.8	32.8#