Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
Data File : BN026595.D
Acq On : 20 Jul 2023 17:04
Operator : MA/JU
Sample : 03452-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 20 21:48:35 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 : Thu Jul 20 16:21:17 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.836	152	1234	0.400	ng/ul	0.00
4) Naphthalene-d8	10.636	136	4115	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.472	164	2783	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.219	188	8758	0.400	ng/ul	0.00
17) Chrysene-d12	21.414	240	7934	0.400	ng/ul	#-0.01
23) Perylene-d12	23.790	264	7180	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	2815	1.732	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.231	152	1579	0.282	ng/ul	0.00
18) Fluoranthene-d10	19.246	212	5905	0.215	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	337	0.219	ng/ul#	1
5) Naphthalene	10.685	128	1894	0.168	ng/ul#	90
7) 2-Methylnaphthalene	12.302	142	352	0.055	ng/ul	97
8) 1-Methylnaphthalene	12.522	142	339	0.049	ng/ul	96
10) Acenaphthylene	14.189	152	897	0.066	ng/ul#	72
11) Acenaphthene	14.536	153	1018	0.098	ng/ul	97
12) Fluorene	15.522	166	1480	0.136	ng/ul#	98
15) Phenanthrene	17.261	178	19134	0.686	ng/ul	98
16) Anthracene	17.350	178	1246	0.051	ng/ul#	80
19) Fluoranthene	19.278	202	33656	0.905	ng/ul#	94
20) Pyrene	19.641	202	25572	0.633	ng/ul#	95
21) Benzo(a)anthracene	21.399	228	13425	0.460	ng/ul	98
22) Chrysene	21.452	228	14179	0.427	ng/ul	96
24) Benzo(b)fluoranthene	23.071	252	24364	0.871	ng/ul	95
26) Benzo(a)pyrene	23.685	252	1586	0.064	ng/ul#	31
27) Indeno(1,2,3-cd)pyrene	26.248	276	5359	0.164	ng/ul#	78
28) Dibenzo(a,h)anthracene	26.251	278	1784	0.071	ng/ul#	38

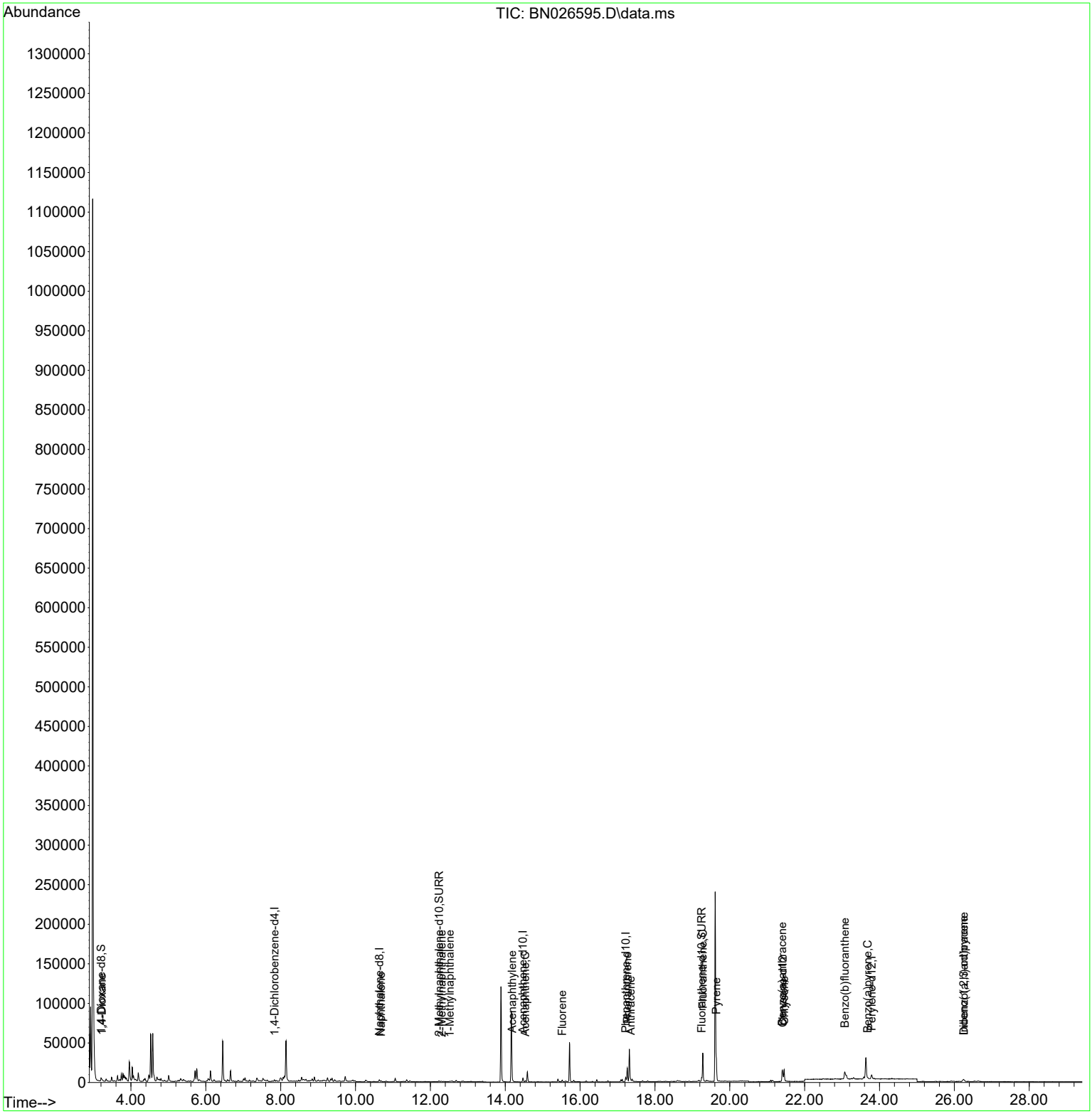
(#) = qualifier out of range (m) = manual integration (+) = signals summed

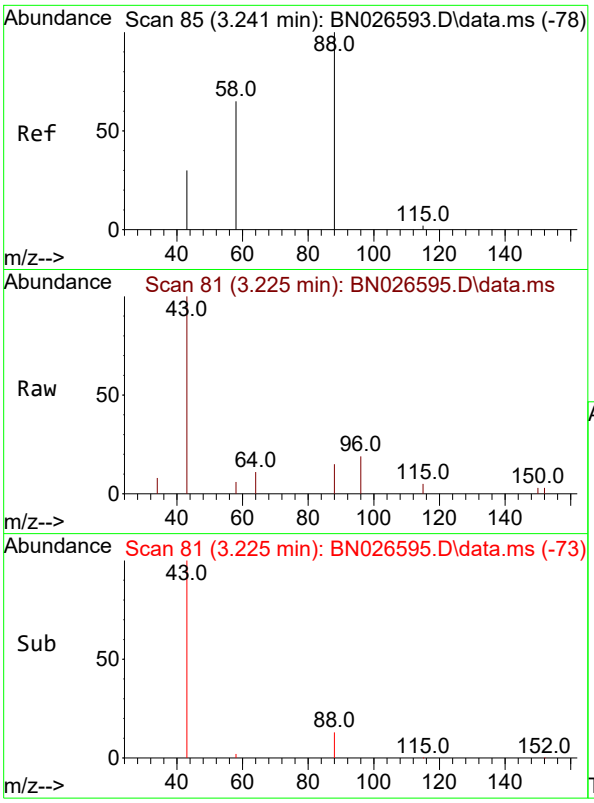
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
Data File : BN026595.D
Acq On : 20 Jul 2023 17:04
Operator : MA/JU
Sample : 03452-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 20 21:48:35 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 : Thu Jul 20 16:21:17 2023
Response via : Initial Calibration



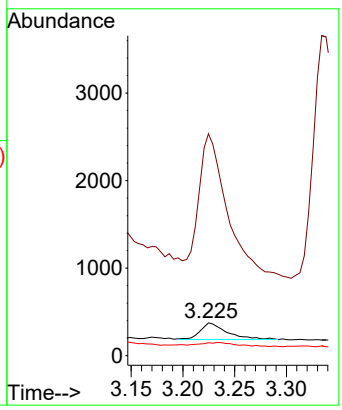


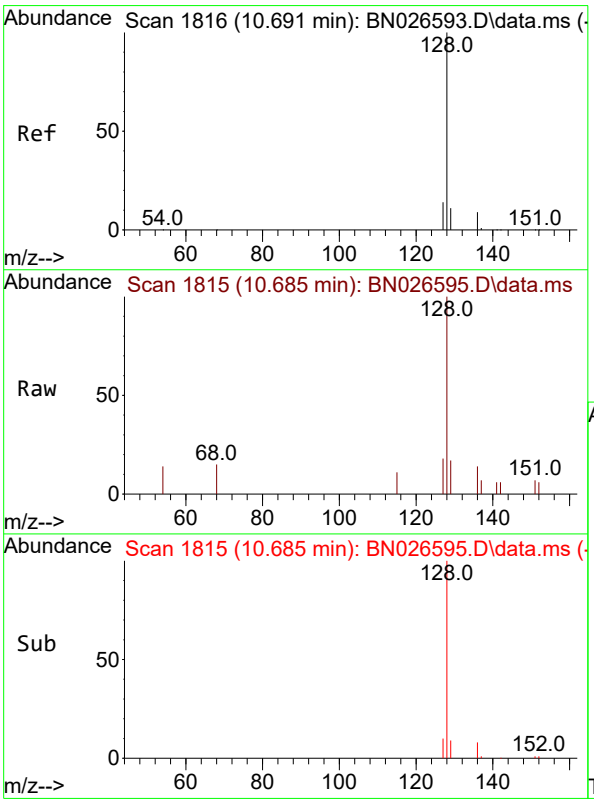
#2
1,4-Dioxane
Concen: 0.219 ng/ul
RT: 3.225 min Scan# 8
Delta R.T. -0.017 min
Lab File: BN026595.D
Acq: 20 Jul 2023 17:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 337

Ion	Ratio	Lower	Upper
88	100		
43	678.1	33.0	49.6#
58	39.6	41.7	62.5#

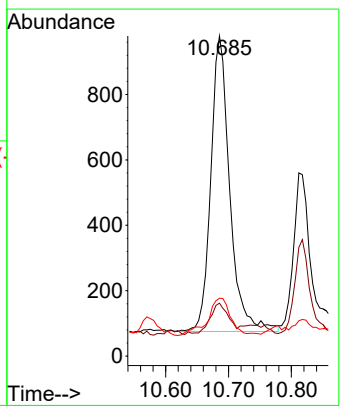


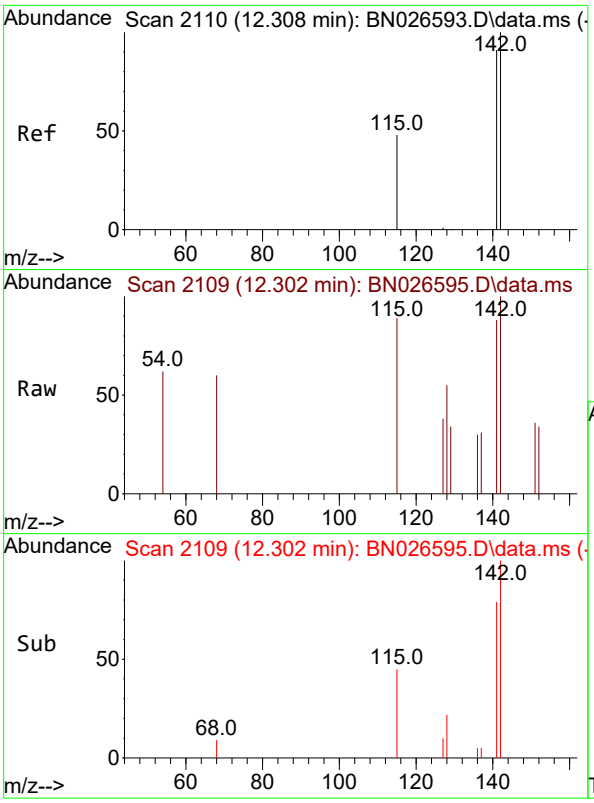


#5
Naphthalene
Concen: 0.168 ng/ul
RT: 10.685 min Scan# 1815
Delta R.T. -0.005 min
Lab File: BN026595.D
Acq: 20 Jul 2023 17:04

Tgt Ion:128 Resp: 1894

Ion	Ratio	Lower	Upper
128	100		
129	16.5	10.2	15.2#
127	18.1	11.4	17.0#



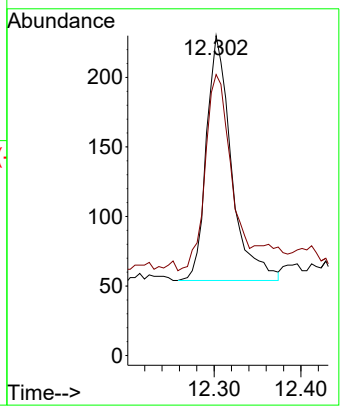


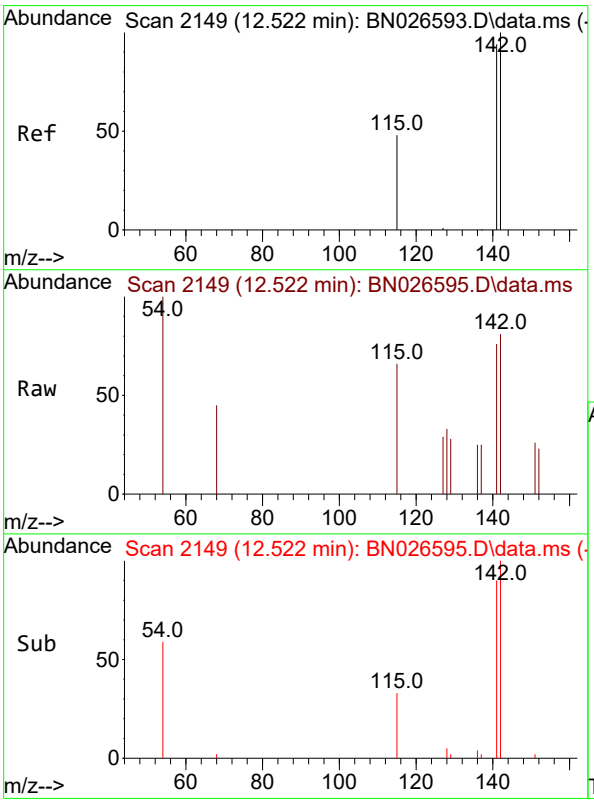
#7
2-Methylnaphthalene
Concen: 0.055 ng/ul
RT: 12.302 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN026595.D
Acq: 20 Jul 2023 17:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 352

Ion	Ratio	Lower	Upper
142	100		
141	93.2	72.3	108.5

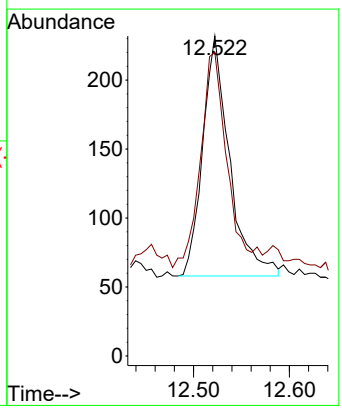


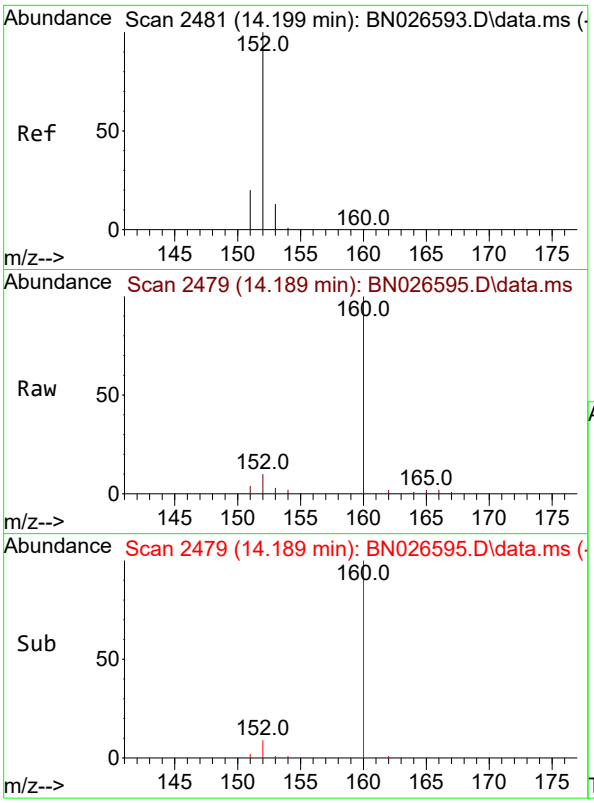


#8
1-Methylnaphthalene
Concen: 0.049 ng/ul
RT: 12.522 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BN026595.D
Acq: 20 Jul 2023 17:04

Tgt Ion:142 Resp: 339

Ion	Ratio	Lower	Upper
142	100		
141	89.1	74.5	111.7



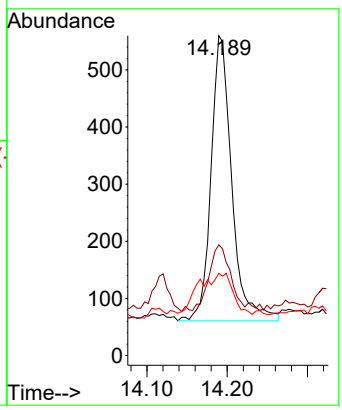


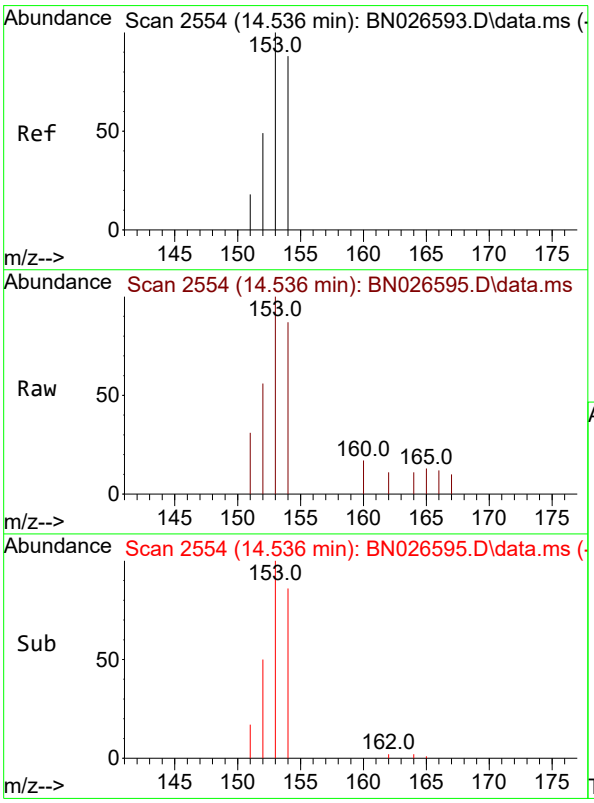
#10
Acenaphthylene
Concen: 0.066 ng/ul
RT: 14.189 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN026595.D
Acq: 20 Jul 2023 17:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 897

Ion	Ratio	Lower	Upper
152	100		
151	34.6	17.0	25.6#
153	25.7	11.4	17.2#

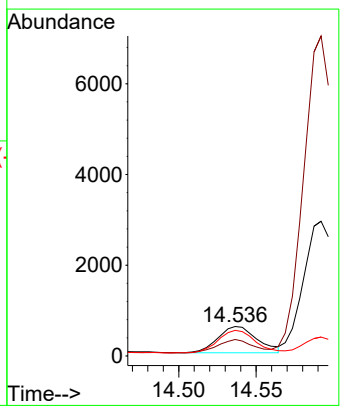


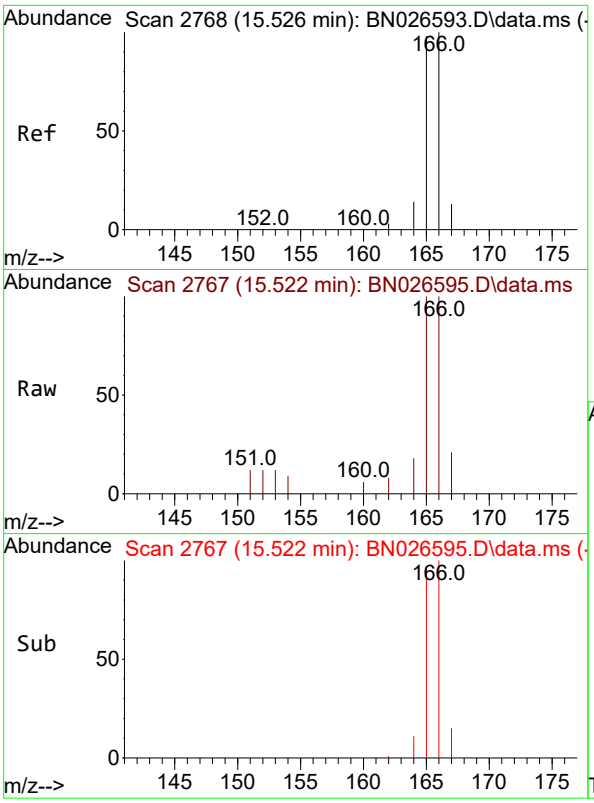


#11
Acenaphthene
Concen: 0.098 ng/ul
RT: 14.536 min Scan# 2554
Delta R.T. 0.000 min
Lab File: BN026595.D
Acq: 20 Jul 2023 17:04

Tgt Ion:153 Resp: 1018

Ion	Ratio	Lower	Upper
153	100		
152	55.8	40.2	60.4
154	87.1	69.3	103.9



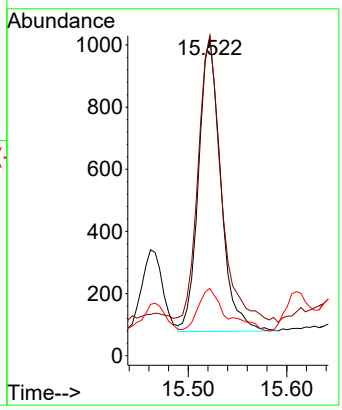


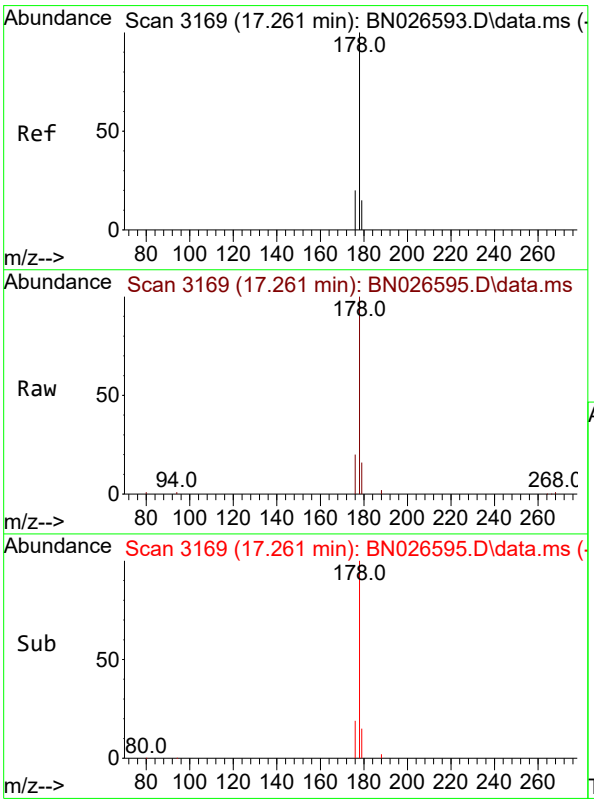
#12
Fluorene
Concen: 0.136 ng/ul
RT: 15.522 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN026595.D
Acq: 20 Jul 2023 17:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 1480

Ion	Ratio	Lower	Upper
166	100		
165	100.5	80.6	120.8
167	21.2	12.0	18.0#

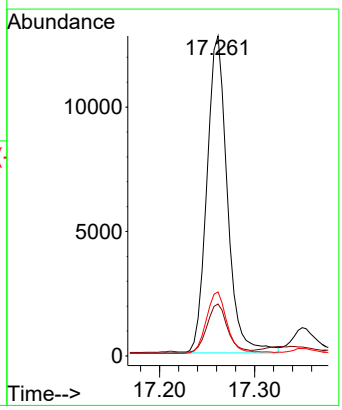


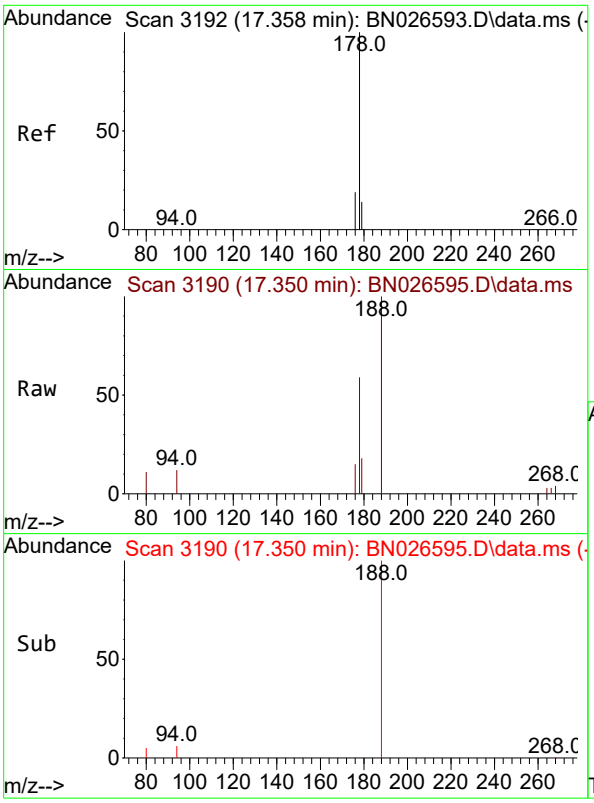


#15
Phenanthrene
Concen: 0.686 ng/ul
RT: 17.261 min Scan# 3169
Delta R.T. 0.000 min
Lab File: BN026595.D
Acq: 20 Jul 2023 17:04

Tgt Ion:178 Resp: 19134

Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.7	20.5
176	20.0	16.5	24.7



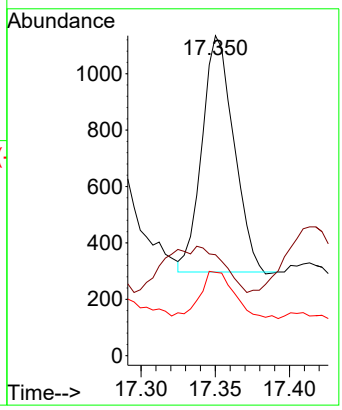


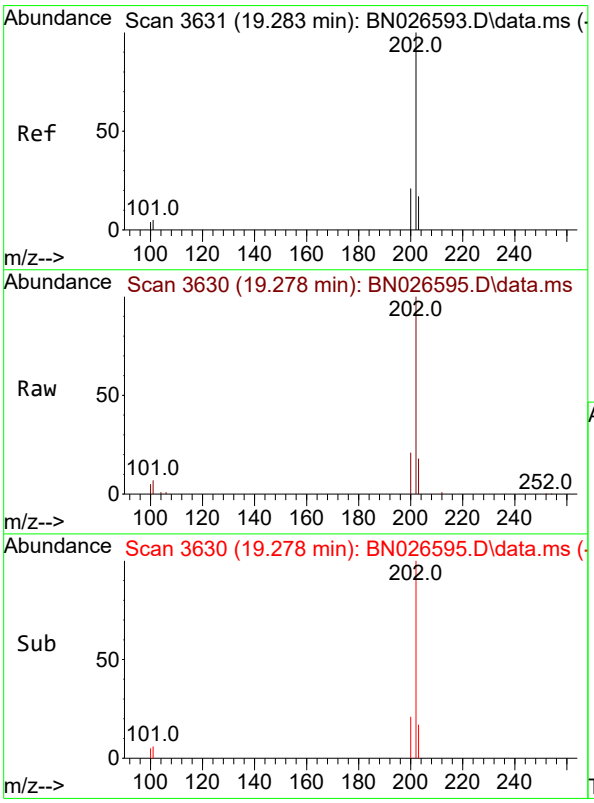
#16
Anthracene
Concen: 0.051 ng/ul
RT: 17.350 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN026595.D
Acq: 20 Jul 2023 17:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 1246

Ion	Ratio	Lower	Upper
178	100		
179	31.5	14.8	22.2#
176	26.1	16.6	25.0#

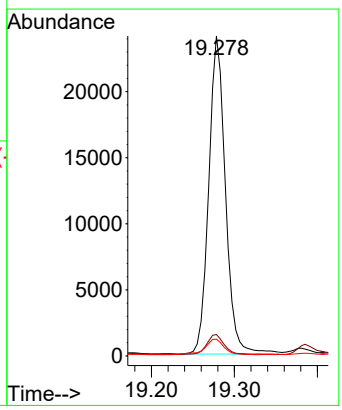


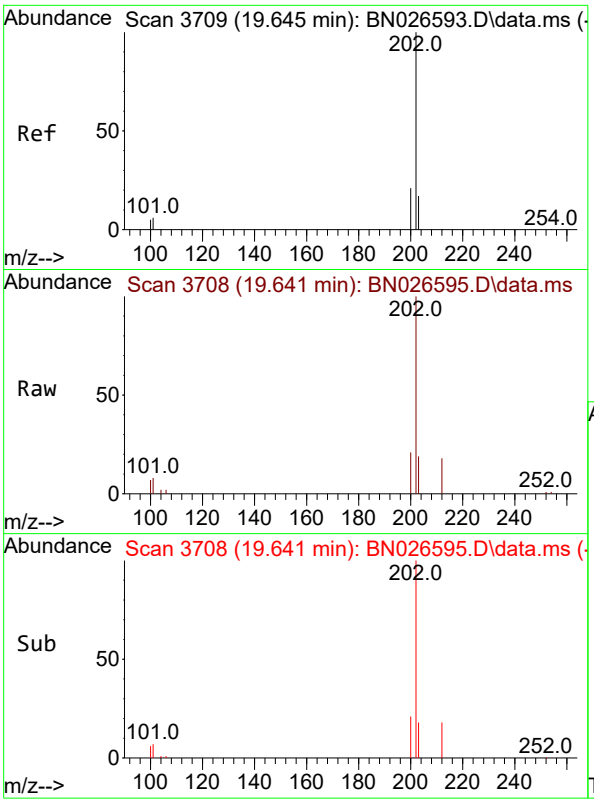


#19
Fluoranthene
Concen: 0.905 ng/ul
RT: 19.278 min Scan# 3630
Delta R.T. -0.005 min
Lab File: BN026595.D
Acq: 20 Jul 2023 17:04

Tgt Ion:202 Resp: 33656

Ion	Ratio	Lower	Upper
202	100		
101	6.7	7.0	10.4#
100	5.3	6.0	9.0#



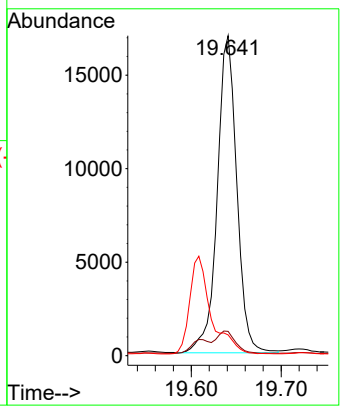


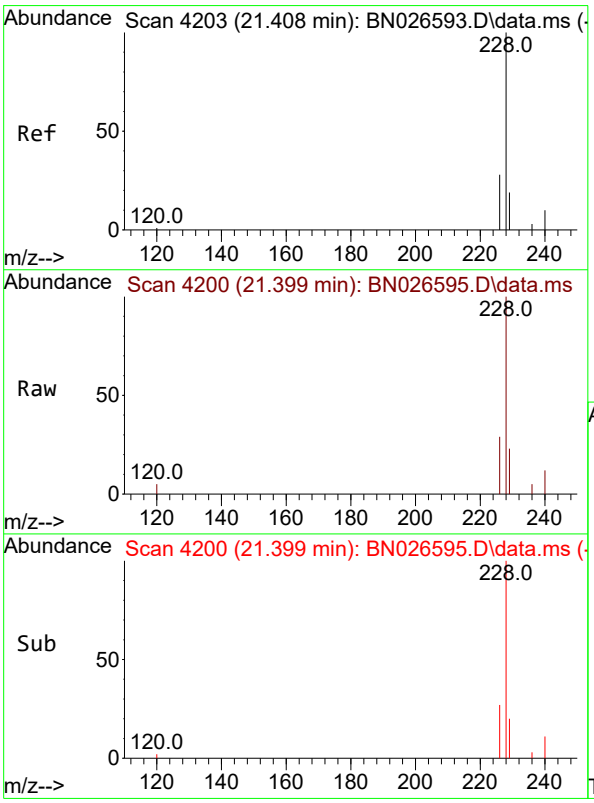
#20
Pyrene
Concen: 0.633 ng/ul
RT: 19.641 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN026595.D
Acq: 20 Jul 2023 17:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 25572

Ion	Ratio	Lower	Upper
202	100		
101	7.6	8.0	12.0#
100	6.5	6.2	9.2

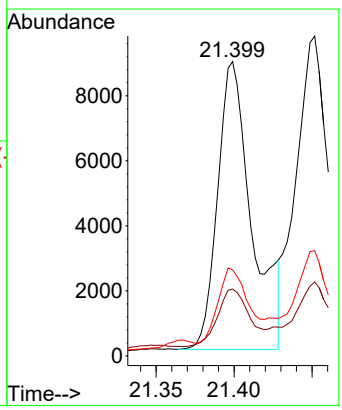


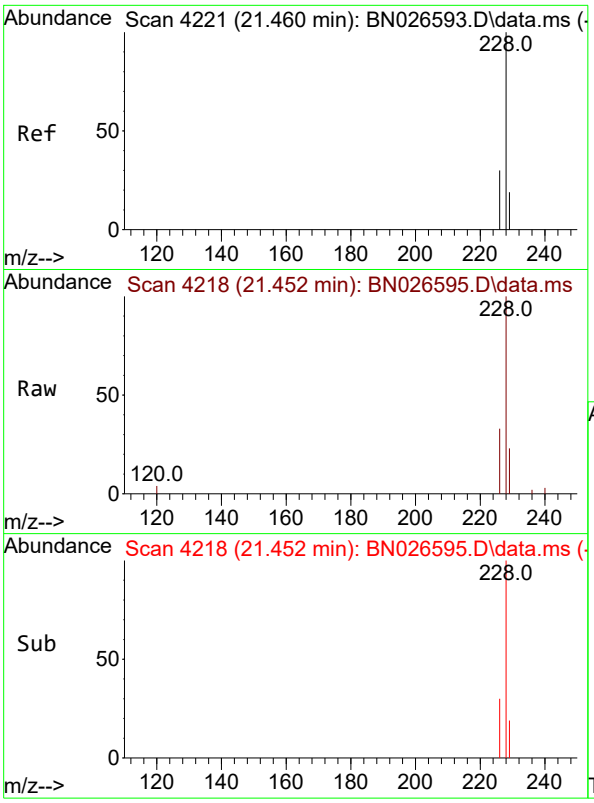


#21
Benzo(a)anthracene
Concen: 0.460 ng/ul
RT: 21.399 min Scan# 4200
Delta R.T. -0.009 min
Lab File: BN026595.D
Acq: 20 Jul 2023 17:04

Tgt Ion:228 Resp: 13425

Ion	Ratio	Lower	Upper
228	100		
229	22.7	16.7	25.1
226	29.2	23.5	35.3



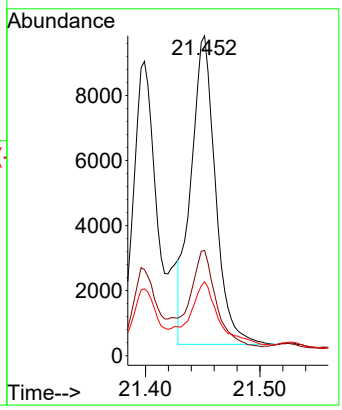


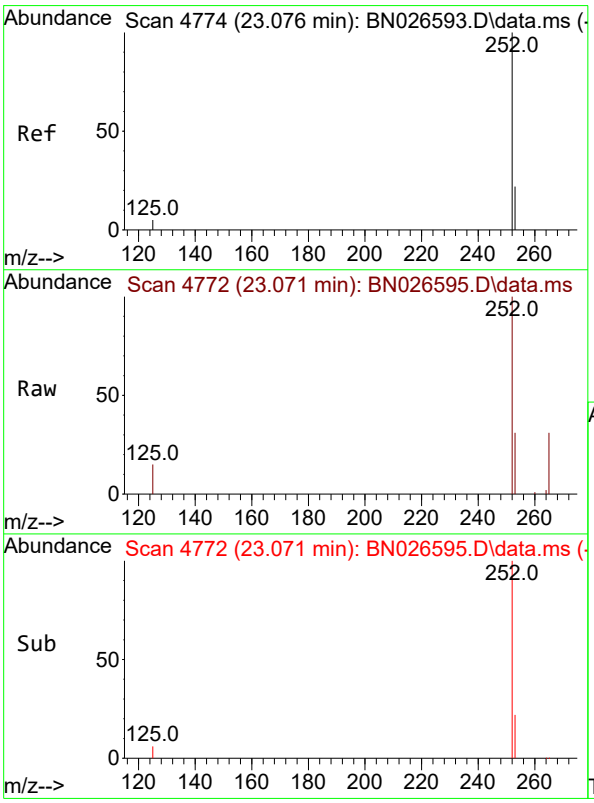
#22
Chrysene
Concen: 0.427 ng/ul
RT: 21.452 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN026595.D
Acq: 20 Jul 2023 17:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 14179

Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.2	37.8
229	23.1	16.4	24.6

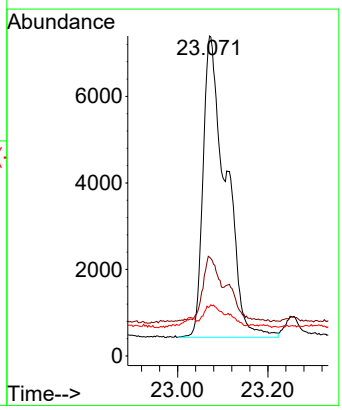


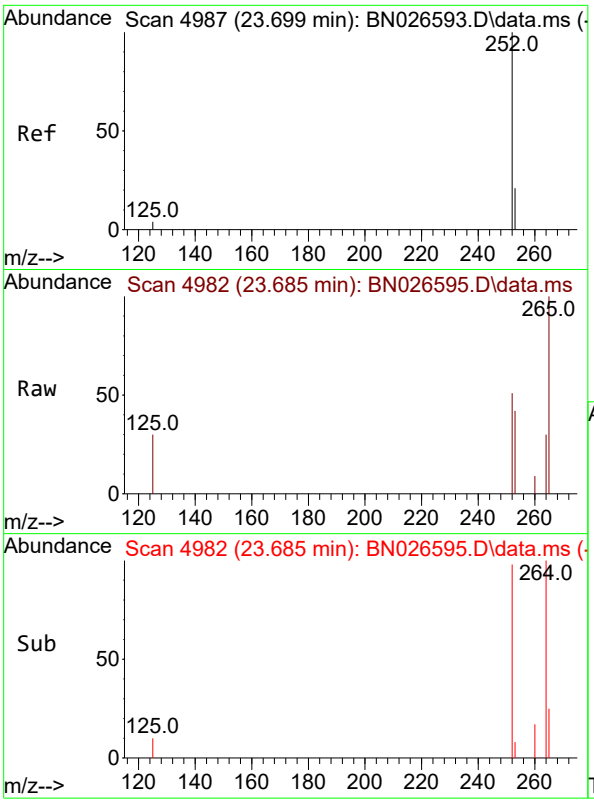


#24
Benzo(b)fluoranthene
Concen: 0.871 ng/ul
RT: 23.071 min Scan# 4772
Delta R.T. -0.006 min
Lab File: BN026595.D
Acq: 20 Jul 2023 17:04

Tgt Ion:252 Resp: 24364

Ion	Ratio	Lower	Upper
252	100		
253	30.9	0.0	68.6
125	15.5	0.0	34.0



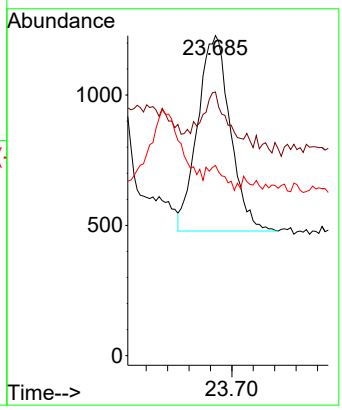


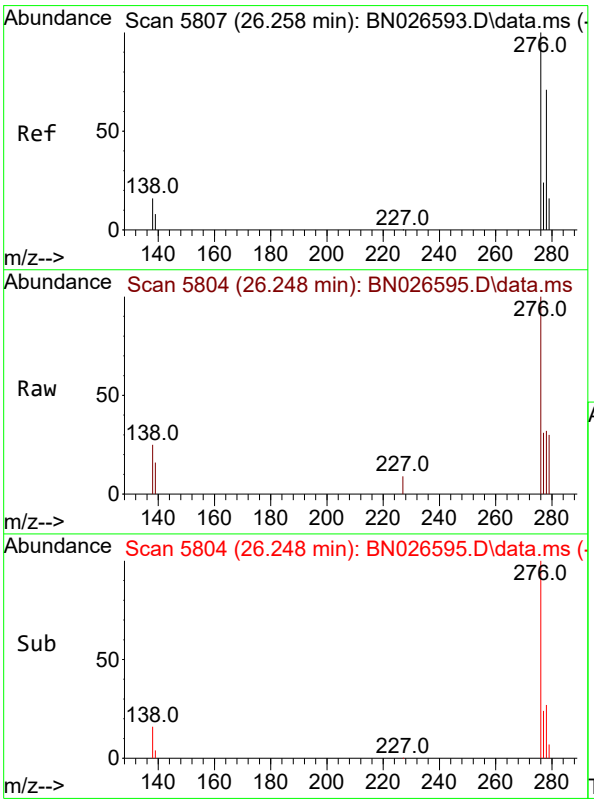
#26
Benzo(a)pyrene
Concen: 0.064 ng/ul
RT: 23.685 min Scan# 4
Delta R.T. -0.014 min
Lab File: BN026595.D
Acq: 20 Jul 2023 17:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1586

Ion	Ratio	Lower	Upper
252	100		
253	82.4	32.6	49.0#
125	59.4	19.3	28.9#

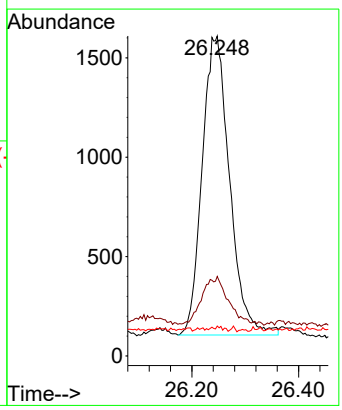


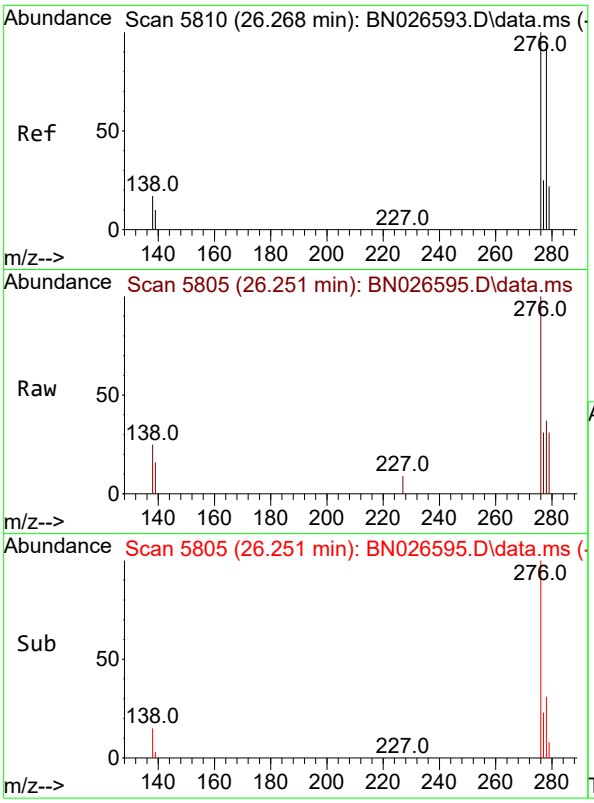


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.164 ng/ul
RT: 26.248 min Scan# 5804
Delta R.T. -0.010 min
Lab File: BN026595.D
Acq: 20 Jul 2023 17:04

Tgt Ion:276 Resp: 5359

Ion	Ratio	Lower	Upper
276	100		
138	16.0	22.2	33.4#
227	0.4	0.1	0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.071 ng/ul
RT: 26.251 min Scan# 5
Delta R.T. -0.017 min
Lab File: BN026595.D
Acq: 20 Jul 2023 17:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 1784

Ion	Ratio	Lower	Upper
278	100		
139	43.5	18.9	28.3#
279	84.4	31.3	46.9#