Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023420.D
Acq On : 24 Dec 2022 20:50
Operator : CG/JU
Sample : N6018-19
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 25 04:20:19 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.990	152	6989	0.400	ng/ul	0.00
4) Naphthalene-d8	10.804	136	23188	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.641	164	14204	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.386	188	33335	0.400	ng/ul	0.00
17) Chrysene-d12	21.575	240	22948	0.400	ng/ul	0.00
23) Perylene-d12	24.025	264	17653	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	48467	6.382	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.394	152	16720	0.466	ng/ul	-0.01
18) Fluoranthene-d10	19.416	212	40081	0.483	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.854	128	3552	0.052	ng/ul#	92
7) 2-Methylnaphthalene	12.465	142	1997	0.046	ng/ul	100
8) 1-Methylnaphthalene	12.685	142	1567	0.035	ng/ul	99
10) Acenaphthylene	14.363	152	2461	0.039	ng/ul#	87
11) Acenaphthene	14.701	153	1446	0.027	ng/ul	95
12) Fluorene	15.686	166	1292	0.022	ng/ul#	96
15) Phenanthrene	17.428	178	31795	0.293	ng/ul	99
16) Anthracene	17.521	178	4837	0.054	ng/ul#	92
19) Fluoranthene	19.444	202	99566	0.894	ng/ul	95
20) Pyrene	19.811	202	80609	0.718	ng/ul	100
21) Benzo(a)anthracene	21.560	228	44240	0.495	ng/ul	97
22) Chrysene	21.613	228	54738	0.602	ng/ul	97
24) Benzo(b)fluoranthene	23.276	252	102679	1.125	ng/ul	92
26) Benzo(a)pyrene	23.916	252	45991	0.636	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.577	276	37905	0.449	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.590	278	9371	0.143	ng/ul#	72
29) Benzo(g,h,i)perylene	27.369	276	38638	0.562	ng/ul#	80

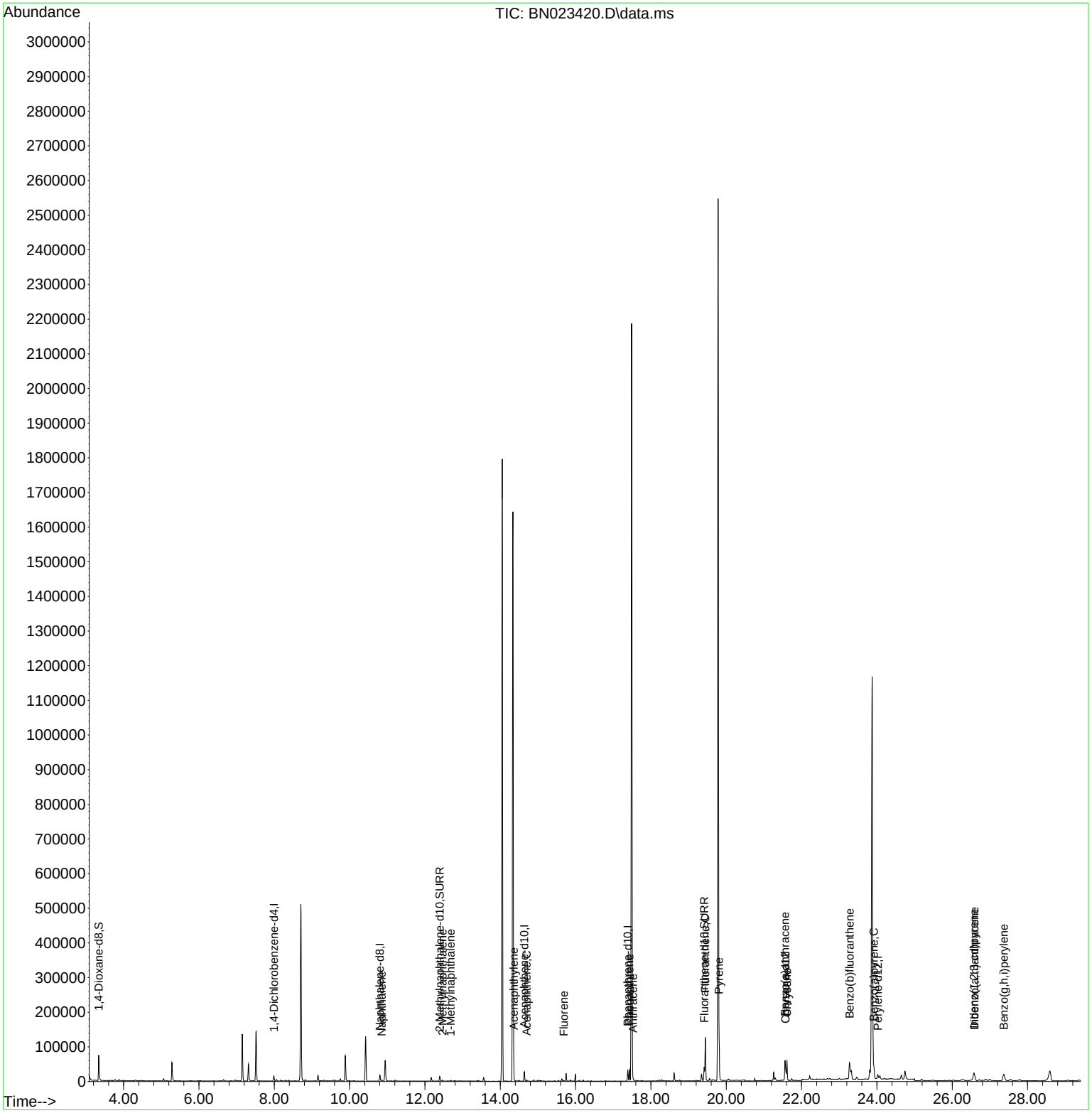
(#) = qualifier out of range (m) = manual integration (+) = signals summed

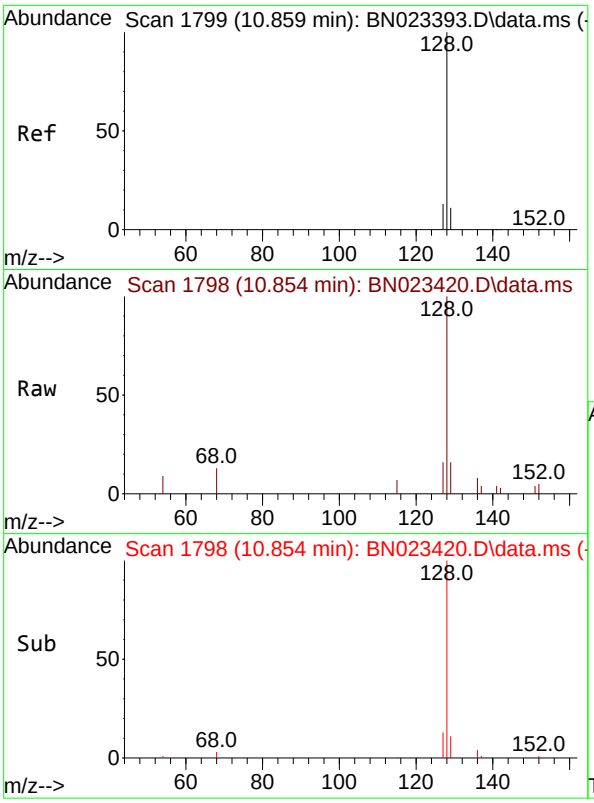
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023420.D
Acq On : 24 Dec 2022 20:50
Operator : CG/JU
Sample : N6018-19
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 25 04:20:19 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration



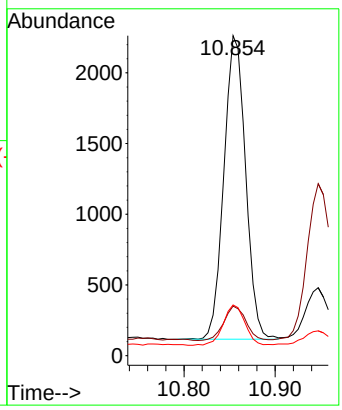


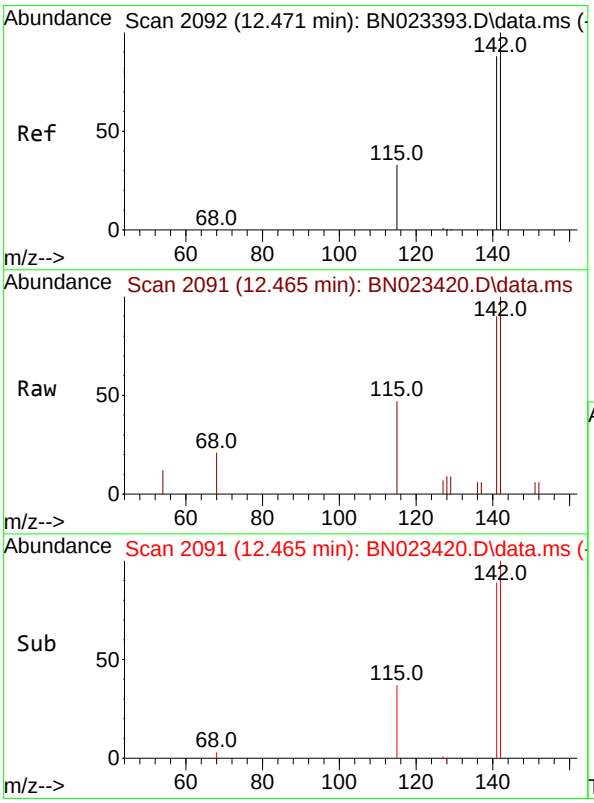
#5
Naphthalene
Concen: 0.052 ng/ul
RT: 10.854 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN023420.D
Acq: 24 Dec 2022 20:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 3552

Ion	Ratio	Lower	Upper
128	100		
129	15.5	9.0	13.4#
127	15.9	10.7	16.1

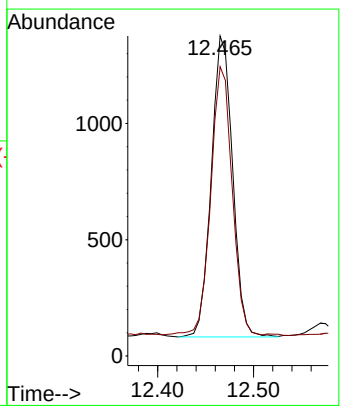


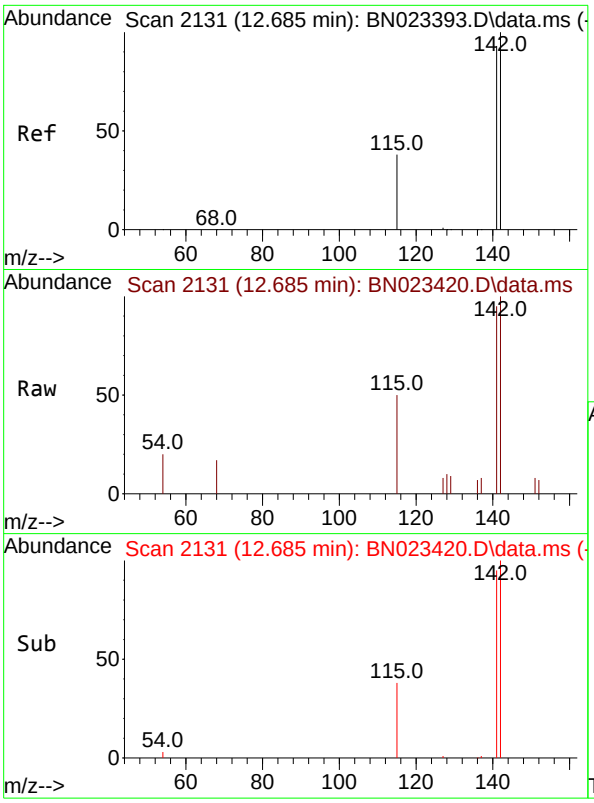


#7
2-Methylnaphthalene
Concen: 0.046 ng/ul
RT: 12.465 min Scan# 2091
Delta R.T. -0.011 min
Lab File: BN023420.D
Acq: 24 Dec 2022 20:50

Tgt Ion:142 Resp: 1997

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.4	107.2



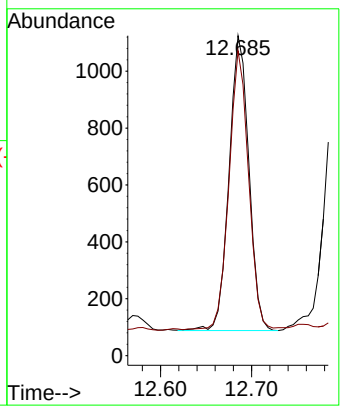


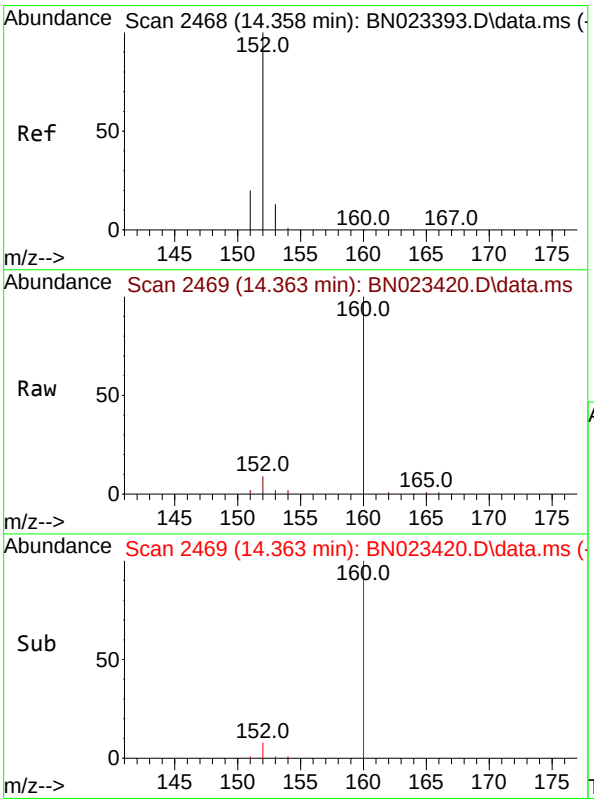
#8
1-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.685 min Scan# 21
Delta R.T. -0.011 min
Lab File: BN023420.D
Acq: 24 Dec 2022 20:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 1567

Ion	Ratio	Lower	Upper
142	100		
141	93.6	74.0	111.0

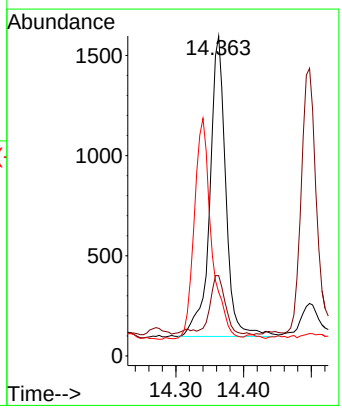


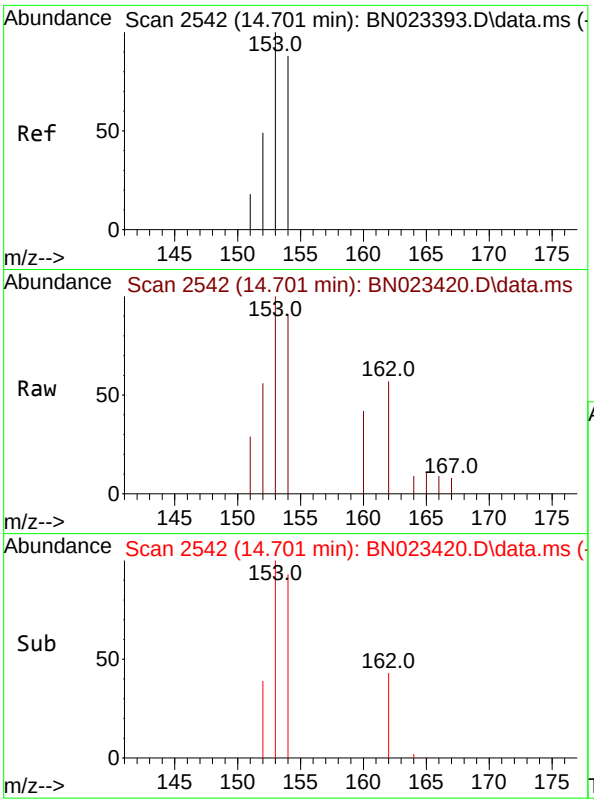


#10
Acenaphthylene
Concen: 0.039 ng/ul
RT: 14.363 min Scan# 2469
Delta R.T. -0.005 min
Lab File: BN023420.D
Acq: 24 Dec 2022 20:50

Tgt Ion:152 Resp: 2461

Ion	Ratio	Lower	Upper
152	100		
151	25.1	16.1	24.1#
153	19.9	10.9	16.3#



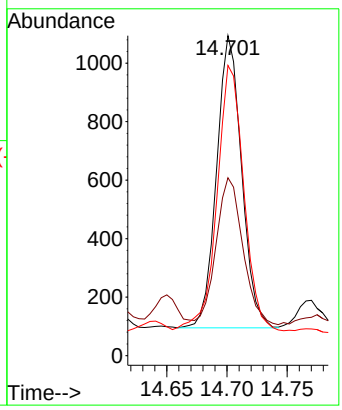


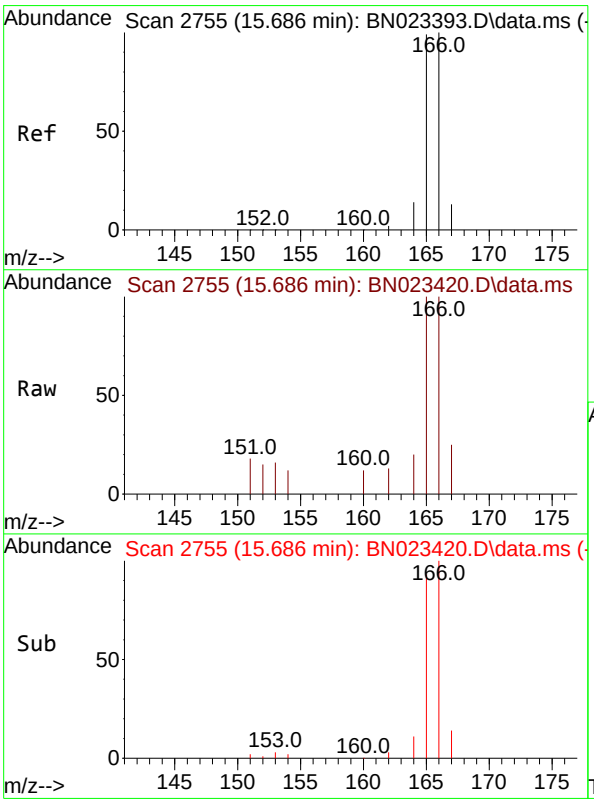
#11
Acenaphthene
Concen: 0.027 ng/ul
RT: 14.701 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN023420.D
Acq: 24 Dec 2022 20:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:153 Resp: 1446

Ion	Ratio	Lower	Upper
153	100		
152	55.6	41.0	61.4
154	90.7	69.5	104.3

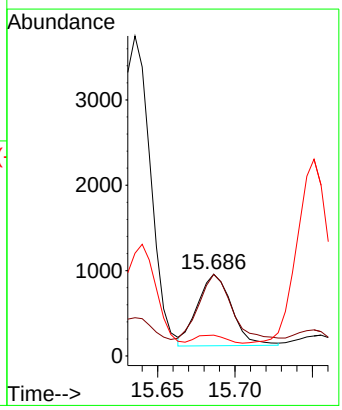


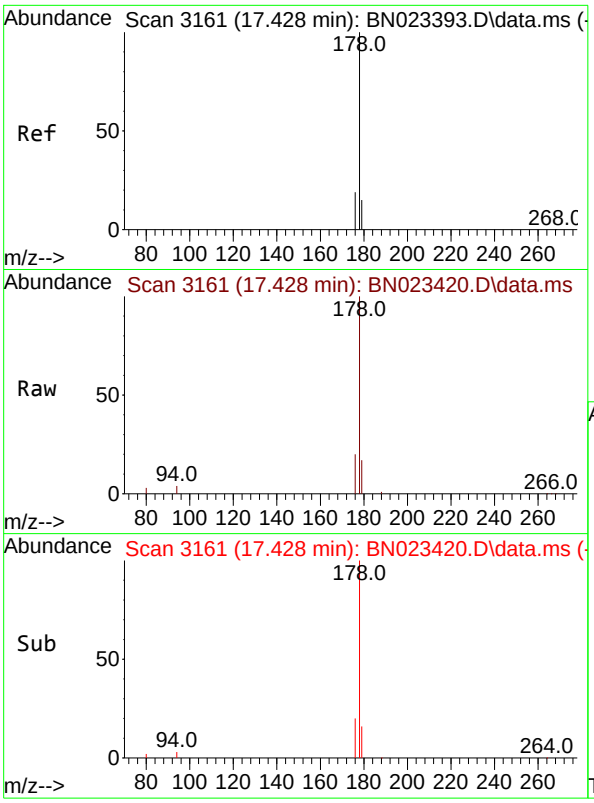


#12
Fluorene
Concen: 0.022 ng/ul
RT: 15.686 min Scan# 2755
Delta R.T. -0.005 min
Lab File: BN023420.D
Acq: 24 Dec 2022 20:50

Tgt Ion:166 Resp: 1292

Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.1	118.7
167	25.5	11.0	16.4#



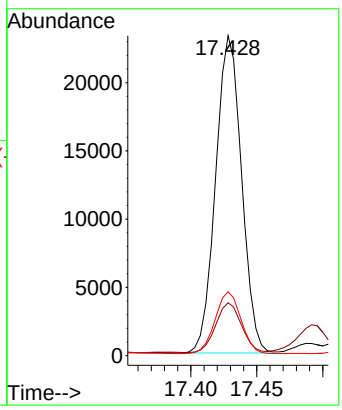


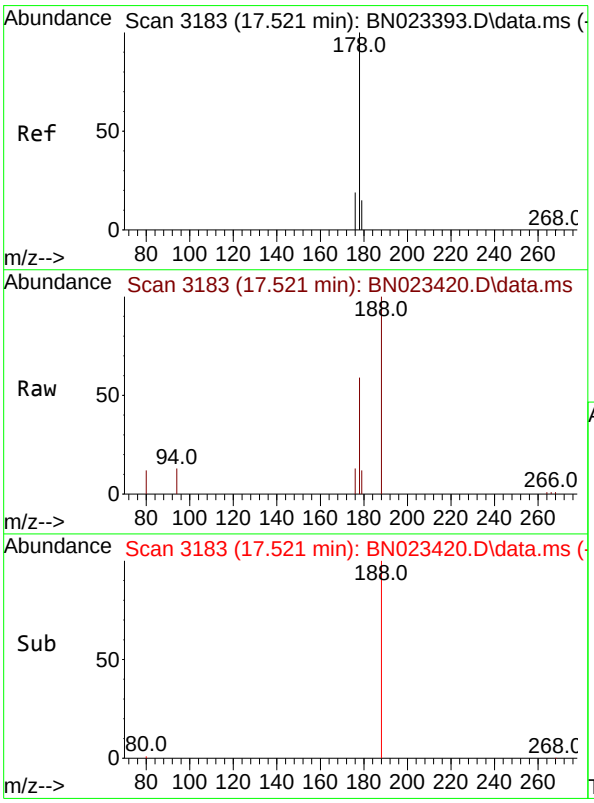
#15
Phenanthrene
Concen: 0.293 ng/ul
RT: 17.428 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN023420.D
Acq: 24 Dec 2022 20:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 31795

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.5	18.7
176	20.0	15.7	23.5

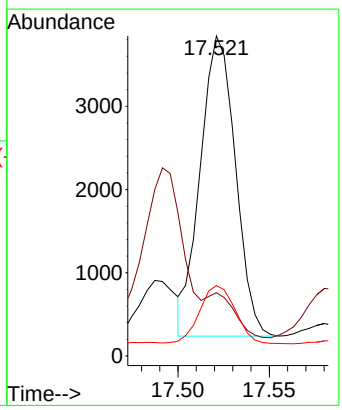


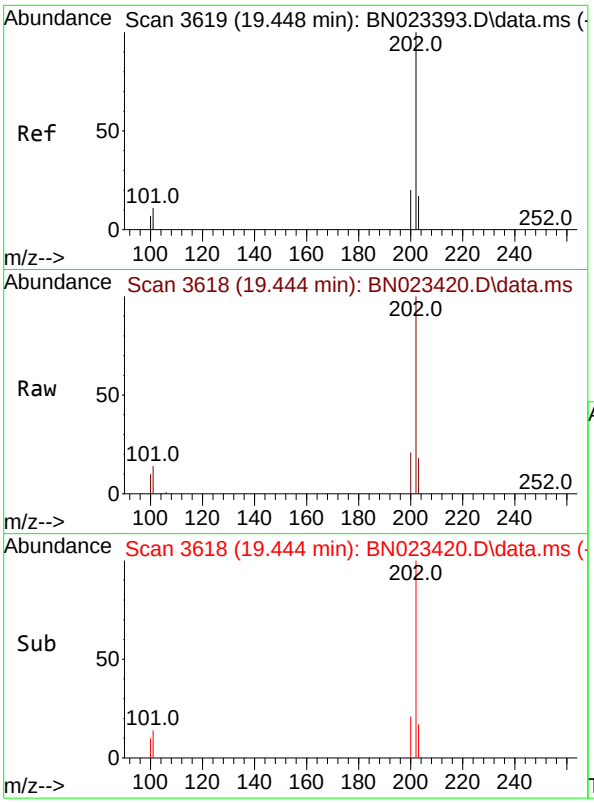


#16
Anthracene
Concen: 0.054 ng/ul
RT: 17.521 min Scan# 3183
Delta R.T. -0.005 min
Lab File: BN023420.D
Acq: 24 Dec 2022 20:50

Tgt Ion:178 Resp: 4837

Ion	Ratio	Lower	Upper
178	100		
179	19.8	12.6	18.8#
176	22.0	15.4	23.0



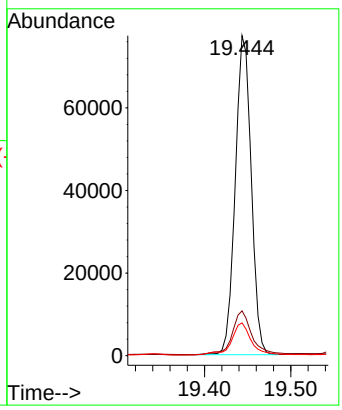


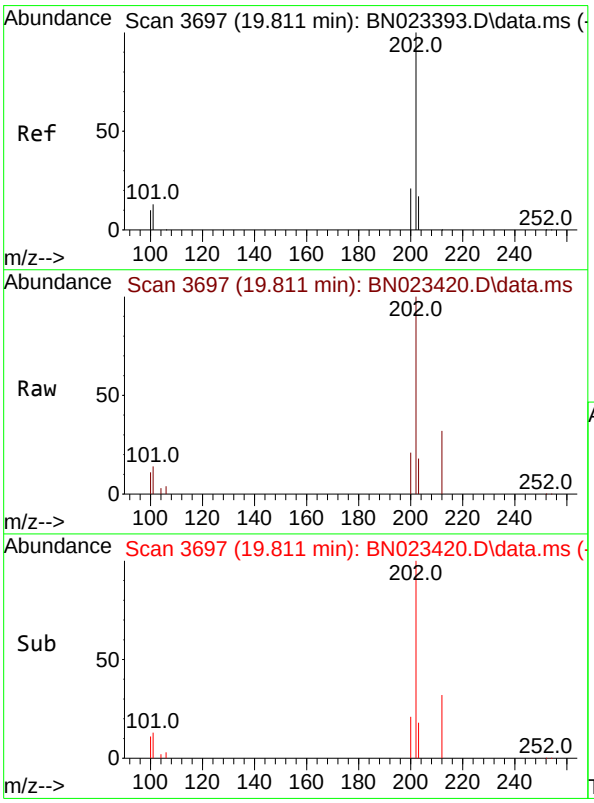
#19
Fluoranthene
Concen: 0.894 ng/ul
RT: 19.444 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN023420.D
Acq: 24 Dec 2022 20:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 99566

Ion	Ratio	Lower	Upper
202	100		
101	14.0	9.4	14.2
100	10.2	7.0	10.6

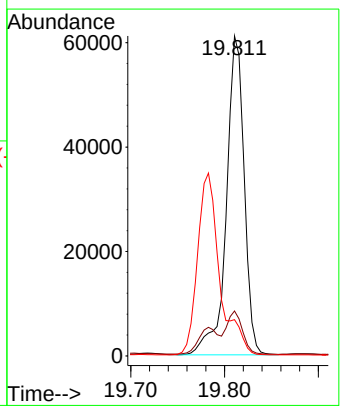


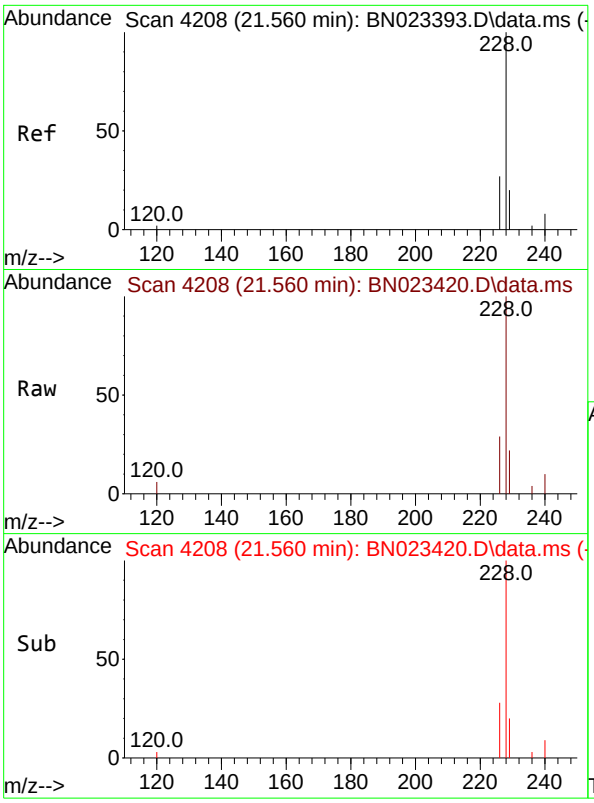


#20
Pyrene
Concen: 0.718 ng/ul
RT: 19.811 min Scan# 3697
Delta R.T. -0.001 min
Lab File: BN023420.D
Acq: 24 Dec 2022 20:50

Tgt Ion:202 Resp: 80609

Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.3	16.9
100	11.4	9.0	13.4



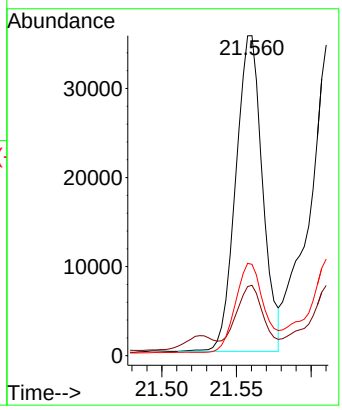


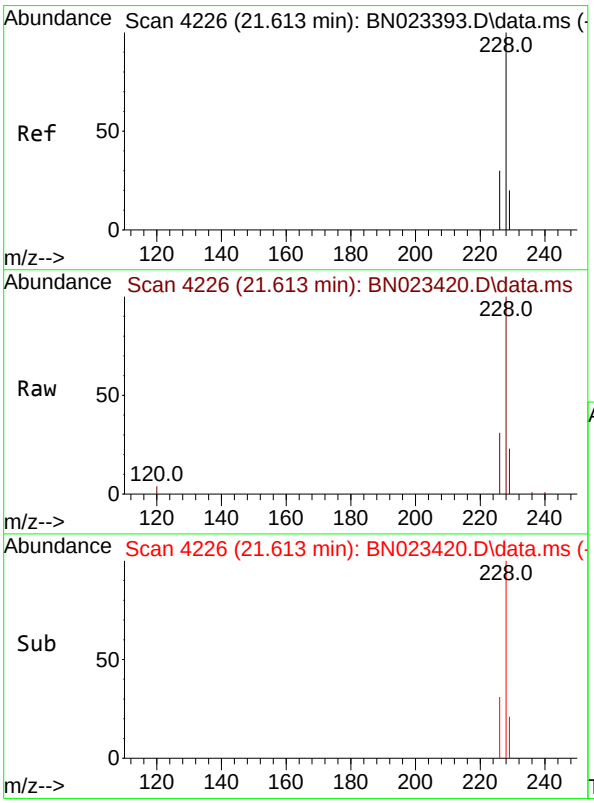
#21
Benzo(a)anthracene
Concen: 0.495 ng/ul
RT: 21.560 min Scan# 4
Delta R.T. -0.001 min
Lab File: BN023420.D
Acq: 24 Dec 2022 20:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 44240

Ion	Ratio	Lower	Upper
228	100		
229	22.0	15.6	23.4
226	28.6	22.2	33.2

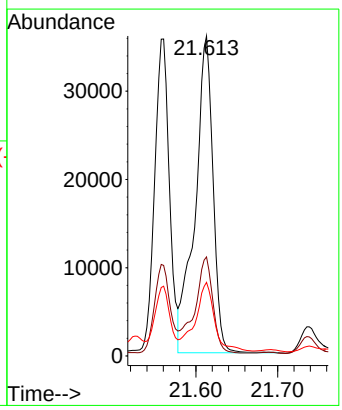


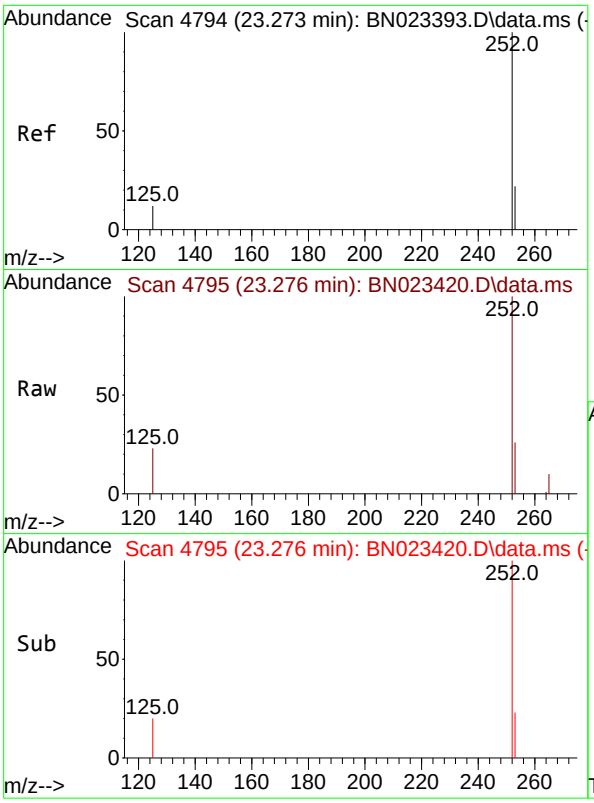


#22
Chrysene
Concen: 0.602 ng/ul
RT: 21.613 min Scan# 4226
Delta R.T. -0.004 min
Lab File: BN023420.D
Acq: 24 Dec 2022 20:50

Tgt Ion:228 Resp: 54738

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.3	36.5
229	23.0	15.8	23.6



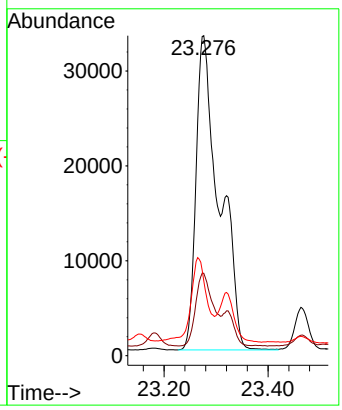


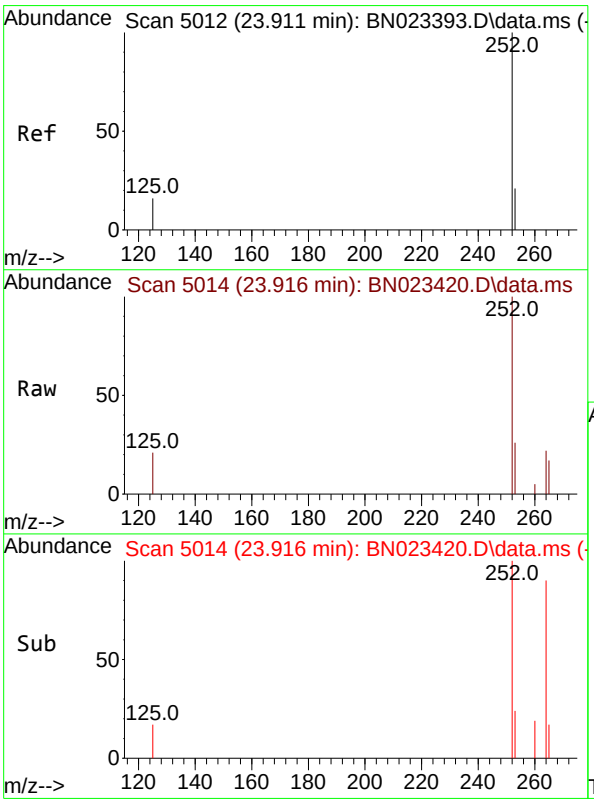
#24
Benzo(b)fluoranthene
Concen: 1.125 ng/ul
RT: 23.276 min Scan# 4
Delta R.T. 0.002 min
Lab File: BN023420.D
Acq: 24 Dec 2022 20:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 102679

Ion	Ratio	Lower	Upper
252	100		
253	25.7	0.0	49.2
125	23.4	0.0	31.8

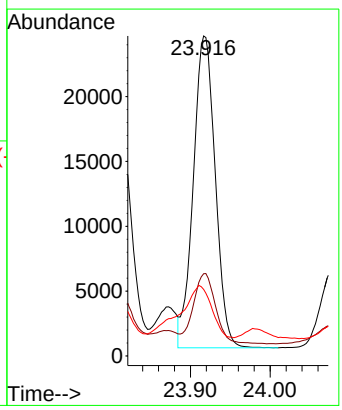


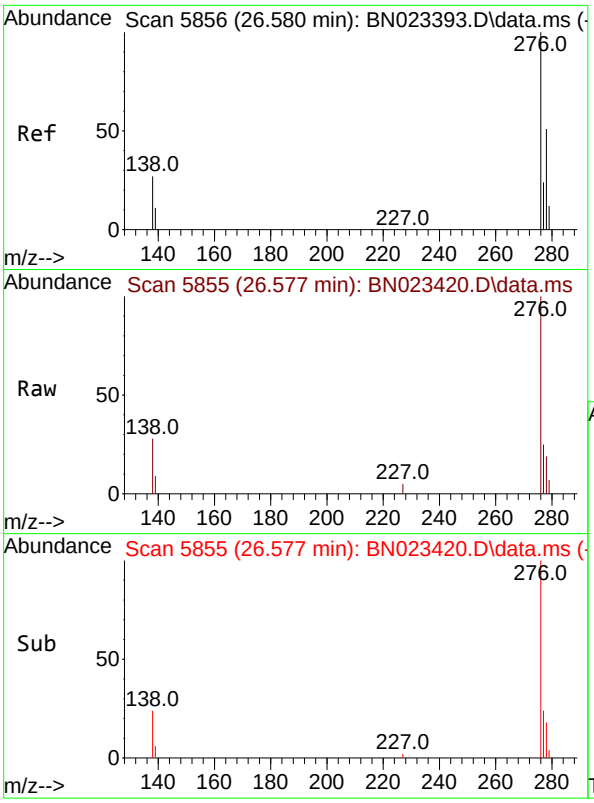


#26
Benzo(a)pyrene
Concen: 0.636 ng/ul
RT: 23.916 min Scan# 5014
Delta R.T. 0.002 min
Lab File: BN023420.D
Acq: 24 Dec 2022 20:50

Tgt Ion:252 Resp: 45991

Ion	Ratio	Lower	Upper
252	100		
253	25.7	21.4	32.2
125	20.8	16.2	24.4



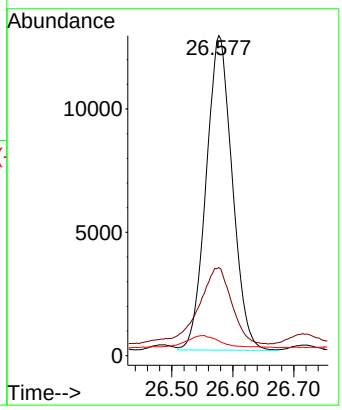


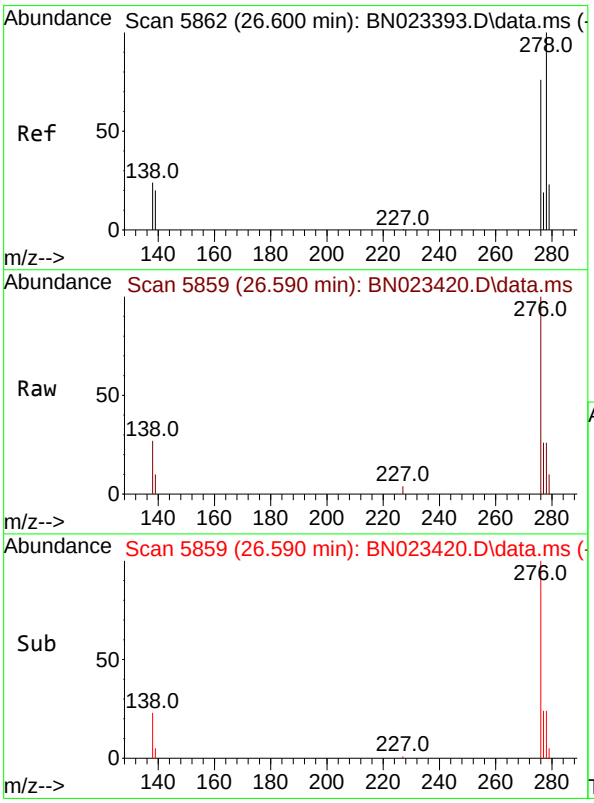
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.449 ng/ul
RT: 26.577 min Scan# 5
Delta R.T. -0.001 min
Lab File: BN023420.D
Acq: 24 Dec 2022 20:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 37905

Ion	Ratio	Lower	Upper
276	100		
138	31.2	23.4	35.2
227	0.0	0.0	0.0

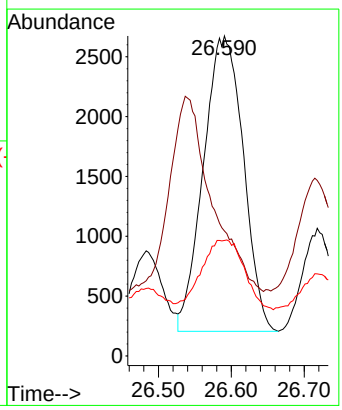


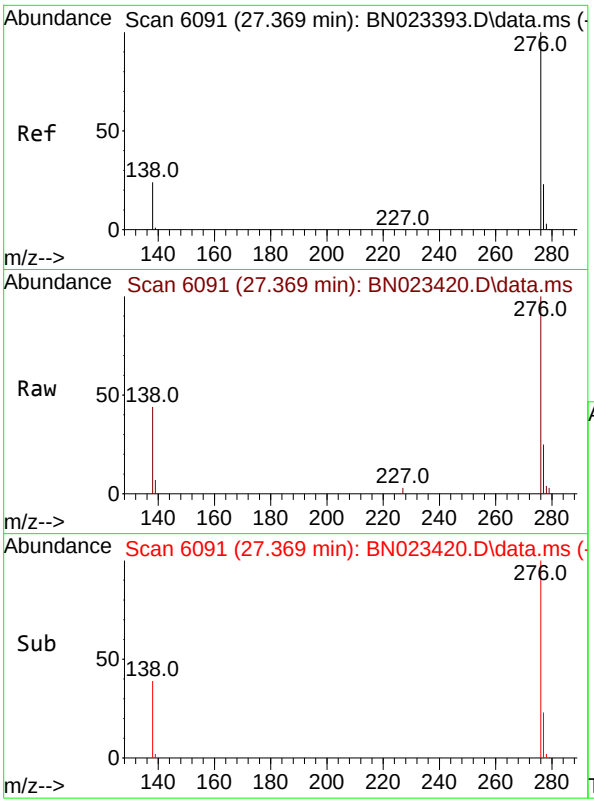


#28
Dibenzo(a,h)anthracene
Concen: 0.143 ng/ul
RT: 26.590 min Scan# 5859
Delta R.T. -0.011 min
Lab File: BN023420.D
Acq: 24 Dec 2022 20:50

Tgt Ion:278 Resp: 9371

Ion	Ratio	Lower	Upper
278	100		
139	39.0	16.6	24.8#
279	36.1	21.3	31.9#





#29
Benzo(g,h,i)perylene
Concen: 0.562 ng/ul
RT: 27.369 min Scan# 6
Delta R.T. -0.001 min
Lab File: BN023420.D
Acq: 24 Dec 2022 20:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 38638

Ion	Ratio	Lower	Upper
276	100		
138	44.4	20.3	30.5#
277	25.2	19.7	29.5