Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091922\
Data File : BN021812.D
Acq On : 19 Sep 2022 20:03
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 20 00:26:50 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 00:20:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	4932	0.400	ng/ul	0.00
4) Naphthalene-d8	10.883	136	16787	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.712	164	9662	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.464	188	18982	0.400	ng/ul	0.00
17) Chrysene-d12	21.647	240	12066	0.400	ng/ul	# 0.00
23) Perylene-d12	24.152	264	10184	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	2218	0.366	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.472	152	11054	0.416	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	19759	0.440	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.401	88	2316	0.372	ng/ul	93
5) Naphthalene	10.933	128	19205	0.406	ng/ul	98
7) 2-Methylnaphthalene	12.544	142	12633	0.411	ng/ul	98
8) 1-Methylnaphthalene	12.764	142	12861	0.408	ng/ul	100
10) Acenaphthylene	14.434	152	17082	0.421	ng/ul	98
11) Acenaphthene	14.772	153	13766	0.400	ng/ul	99
12) Fluorene	15.758	166	15203	0.394	ng/ul	98
14) Pentachlorophenol	17.113	266	1024	0.278	ng/ul	97
15) Phenanthrene	17.502	178	23657	0.395	ng/ul	100
16) Anthracene	17.595	178	21033	0.423	ng/ul	99
19) Fluoranthene	19.520	202	23662	0.420	ng/ul	99
20) Pyrene	19.882	202	23706	0.427	ng/ul	97
21) Benzo(a)anthracene	21.630	228	17625	0.436	ng/ul	99
22) Chrysene	21.685	228	17115	0.388	ng/ul	99
24) Benzo(b)fluoranthene	23.380	252	16299	0.330	ng/ul	90
25) Benzo(k)fluoranthene	23.430	252	15609	0.326	ng/ul#	92
26) Benzo(a)pyrene	24.041	252	14150	0.378	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.794	276	16257	0.386	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.821	278	14020	0.392	ng/ul#	93
29) Benzo(g,h,i)perylene	27.609	276	14476	0.373	ng/ul	95

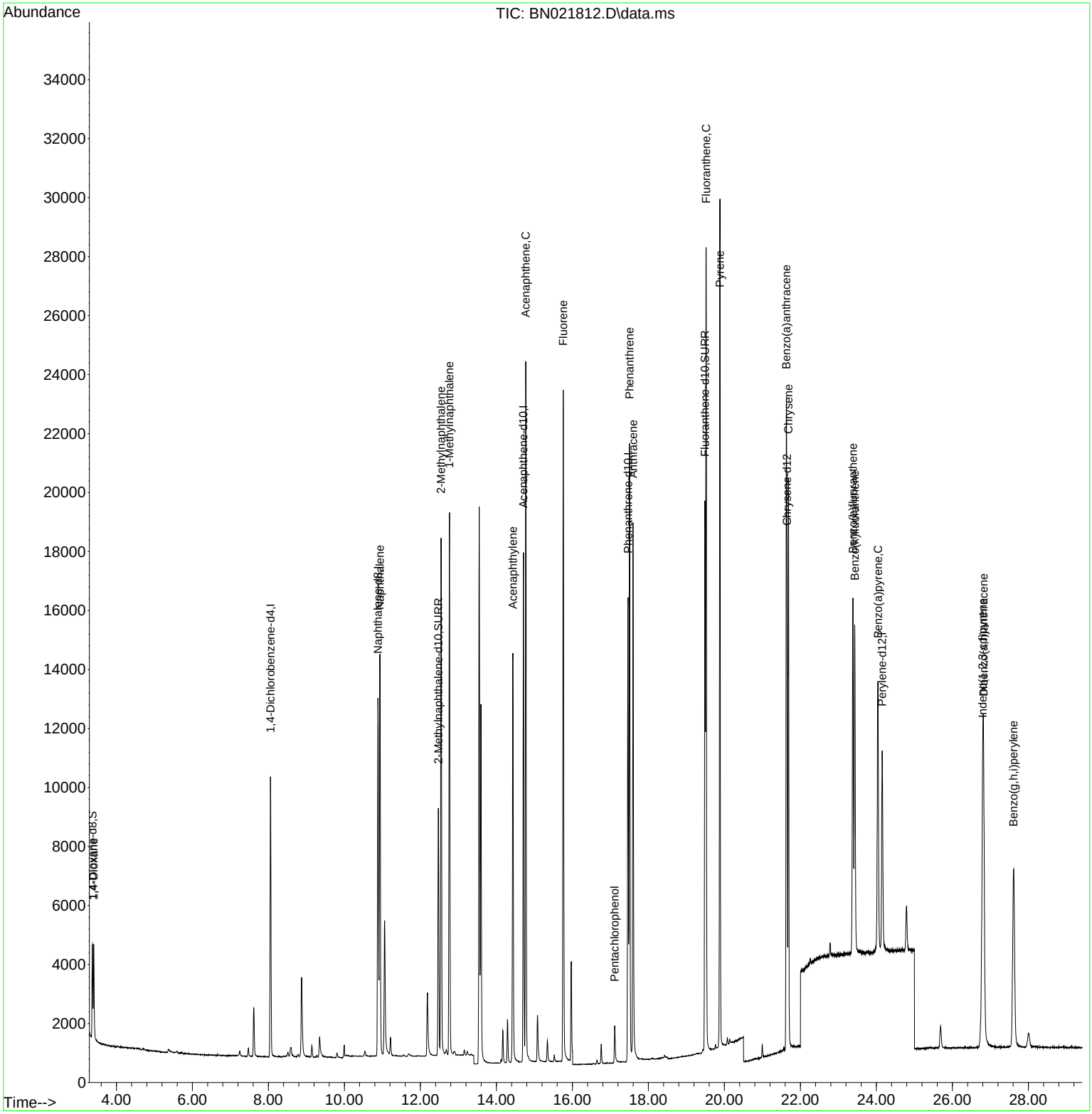
(#) = qualifier out of range (m) = manual integration (+) = signals summed

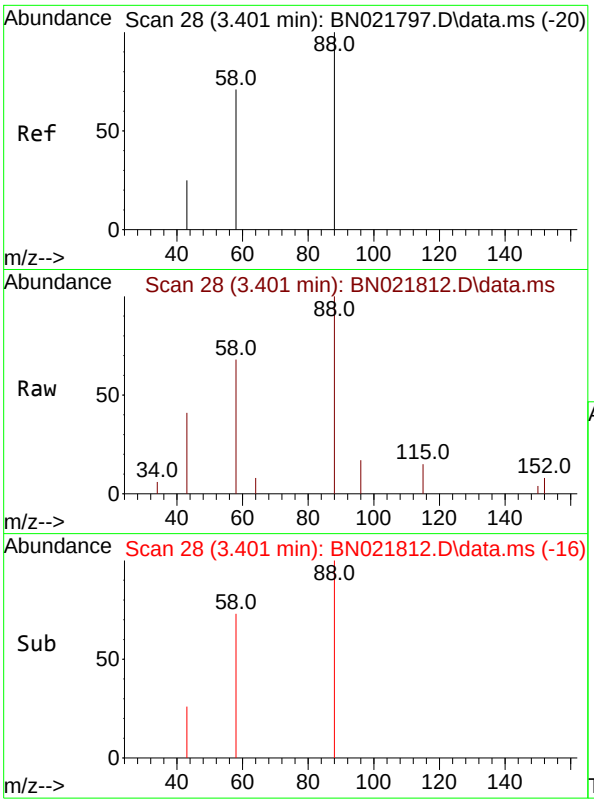
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091922\
Data File : BN021812.D
Acq On : 19 Sep 2022 20:03
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 20 00:26:50 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 00:20:21 2022
Response via : Initial Calibration



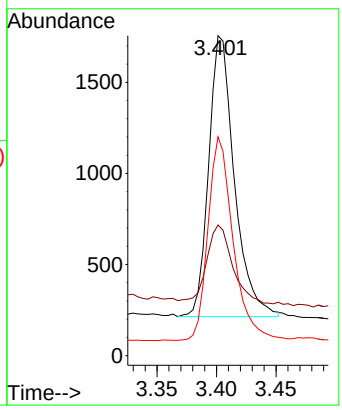


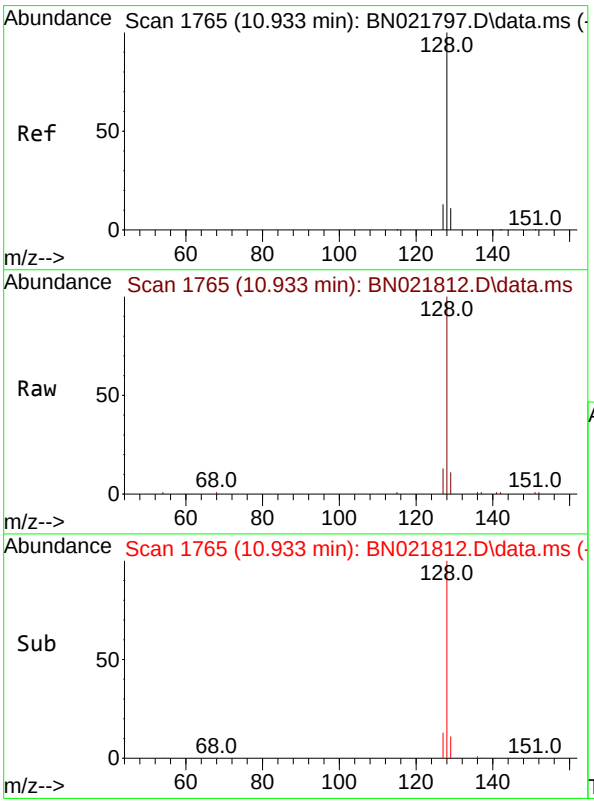
#2
1,4-Dioxane
Concen: 0.372 ng/ul
RT: 3.401 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN021812.D
Acq: 19 Sep 2022 20:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 2316

Ion	Ratio	Lower	Upper
88	100		
43	40.8	31.4	47.0
58	68.4	49.0	73.6

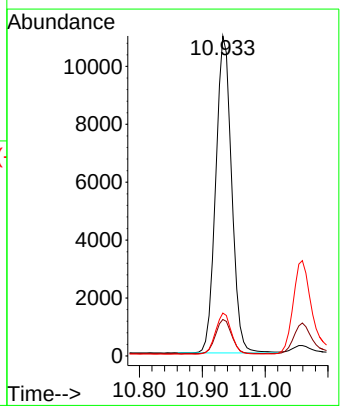


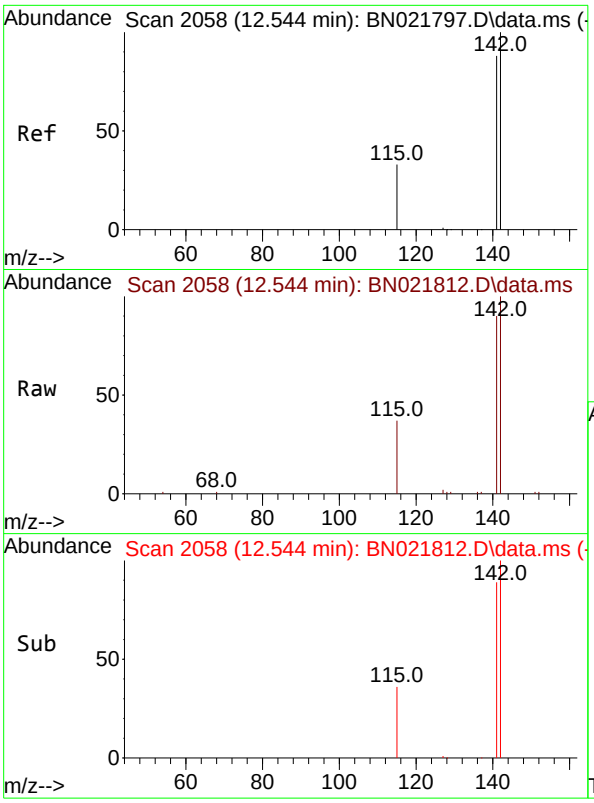


#5
Naphthalene
Concen: 0.406 ng/ul
RT: 10.933 min Scan# 1765
Delta R.T. -0.000 min
Lab File: BN021812.D
Acq: 19 Sep 2022 20:03

Tgt Ion:128 Resp: 19205

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.8	14.6
127	13.4	11.6	17.4



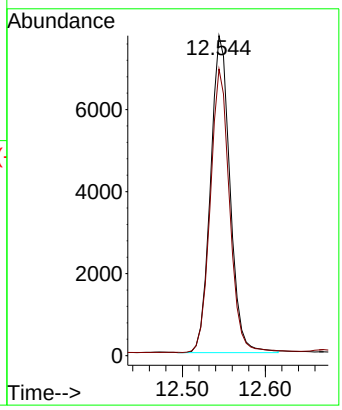


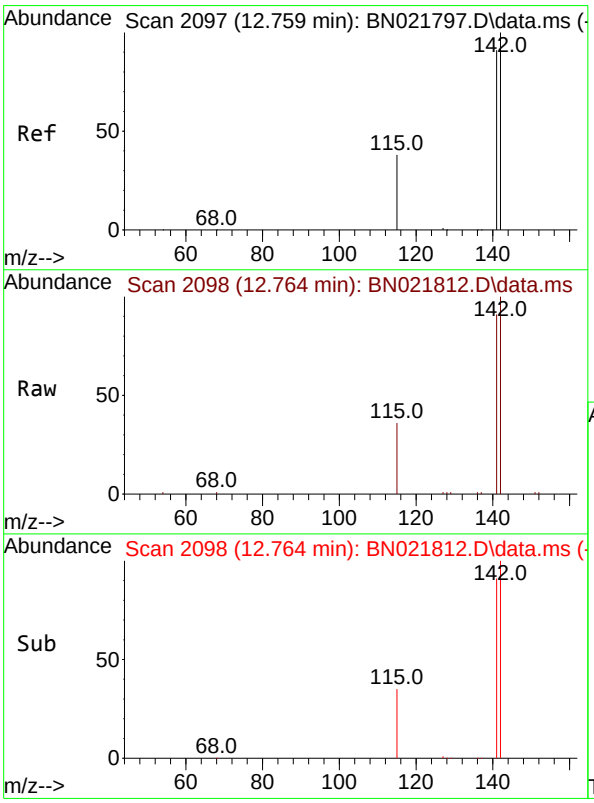
#7
2-Methylnaphthalene
Concen: 0.411 ng/ul
RT: 12.544 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN021812.D
Acq: 19 Sep 2022 20:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 12633

Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.2	108.2

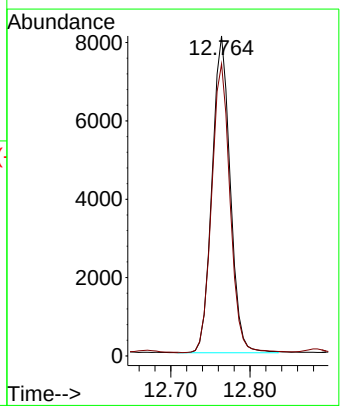


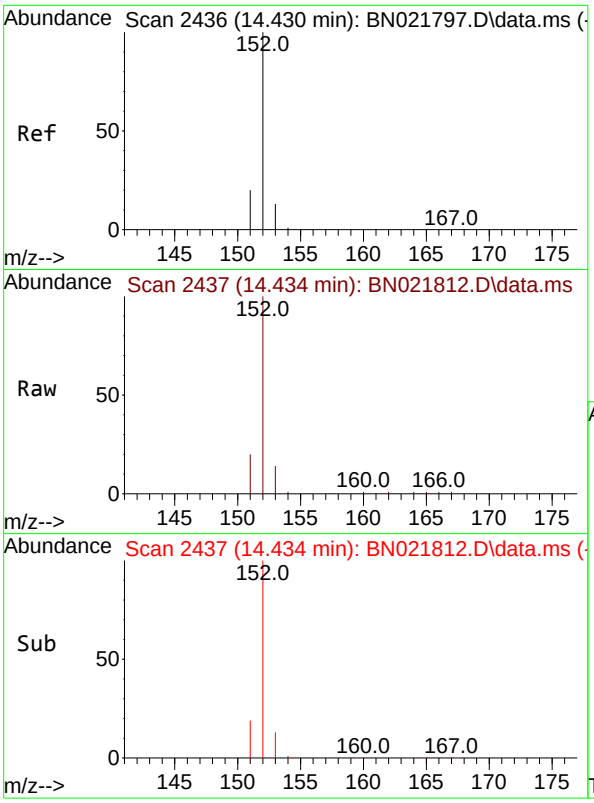


#8
1-Methylnaphthalene
Concen: 0.408 ng/ul
RT: 12.764 min Scan# 2098
Delta R.T. 0.005 min
Lab File: BN021812.D
Acq: 19 Sep 2022 20:03

Tgt Ion:142 Resp: 12861

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.9	110.9



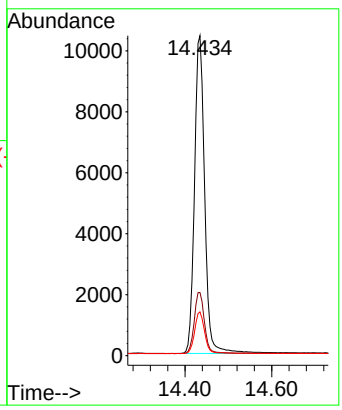


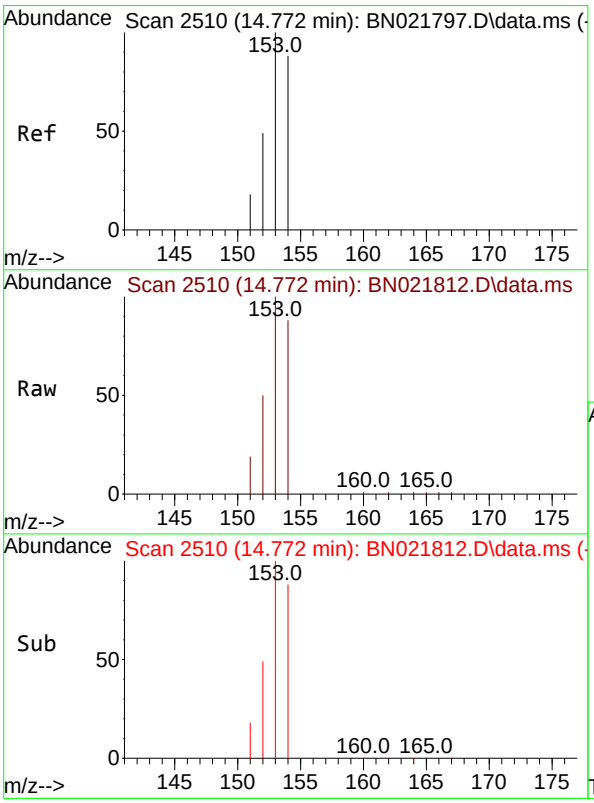
#10
Acenaphthylene
Concen: 0.421 ng/ul
RT: 14.434 min Scan# 24
Delta R.T. 0.005 min
Lab File: BN021812.D
Acq: 19 Sep 2022 20:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 17082

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.9	25.3
153	13.7	11.2	16.8

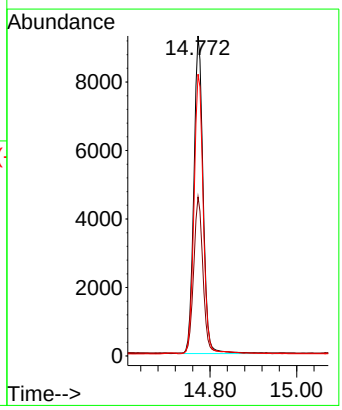


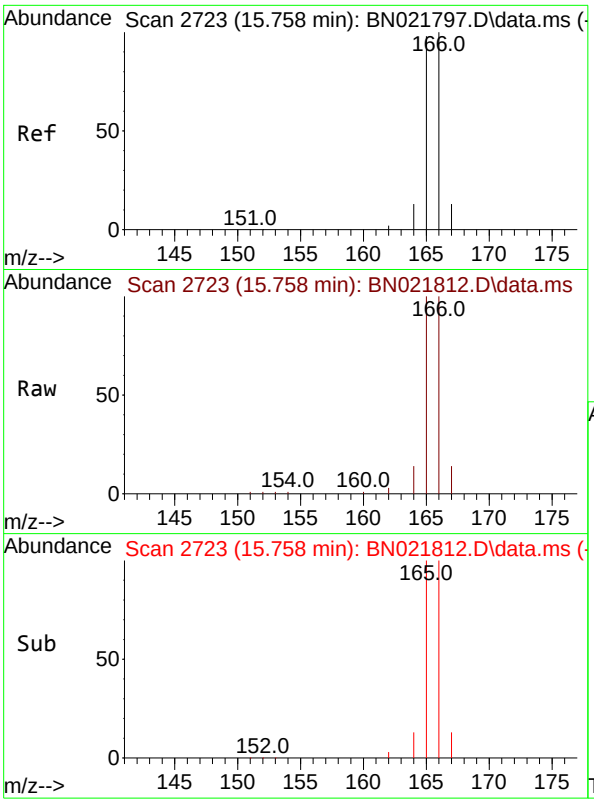


#11
Acenaphthene
Concen: 0.400 ng/ul
RT: 14.772 min Scan# 2510
Delta R.T. -0.000 min
Lab File: BN021812.D
Acq: 19 Sep 2022 20:03

Tgt Ion:153 Resp: 13766

Ion	Ratio	Lower	Upper
153	100		
152	49.7	40.2	60.4
154	88.1	70.7	106.1



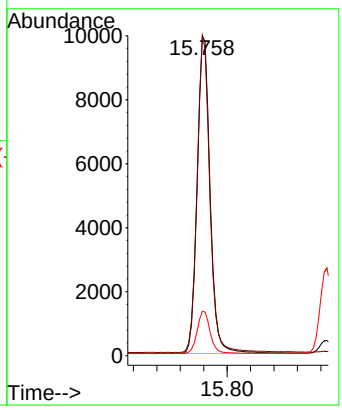


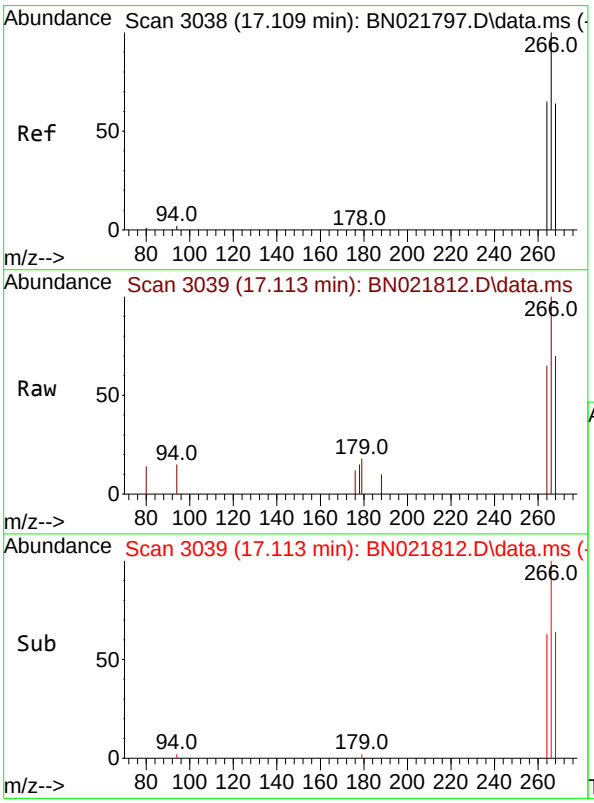
#12
Fluorene
Concen: 0.394 ng/ul
RT: 15.758 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN021812.D
Acq: 19 Sep 2022 20:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 15203

Ion	Ratio	Lower	Upper
166	100		
165	99.9	78.6	117.8
167	13.9	11.8	17.6

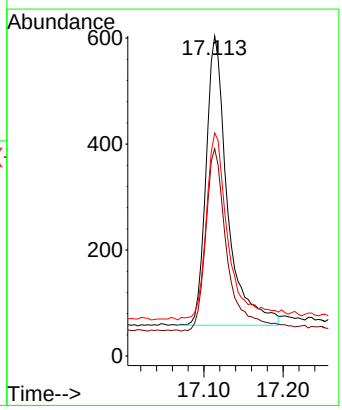


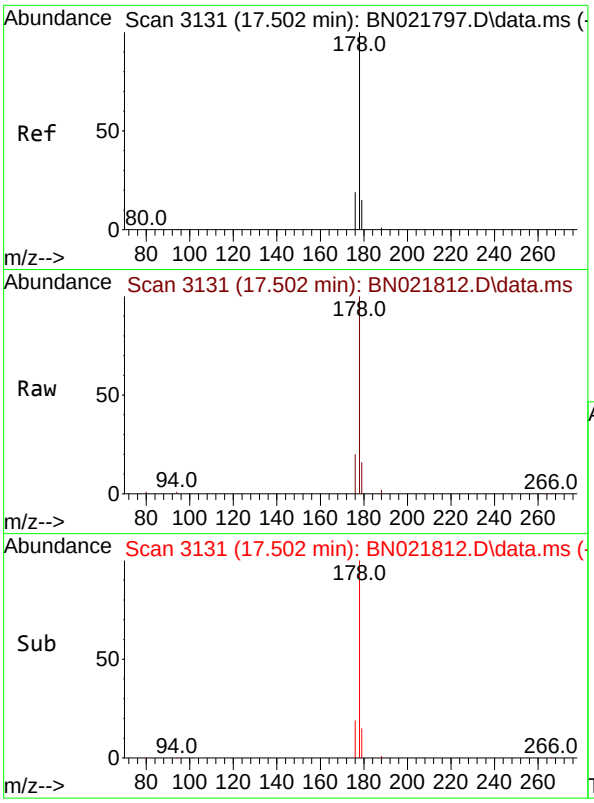


#14
Pentachlorophenol
Concen: 0.278 ng/ul
RT: 17.113 min Scan# 3039
Delta R.T. 0.004 min
Lab File: BN021812.D
Acq: 19 Sep 2022 20:03

Tgt Ion:266 Resp: 1024

Ion	Ratio	Lower	Upper
266	100		
264	63.8	49.8	74.8
268	66.9	50.6	75.8



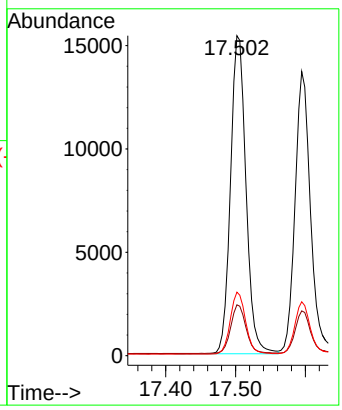


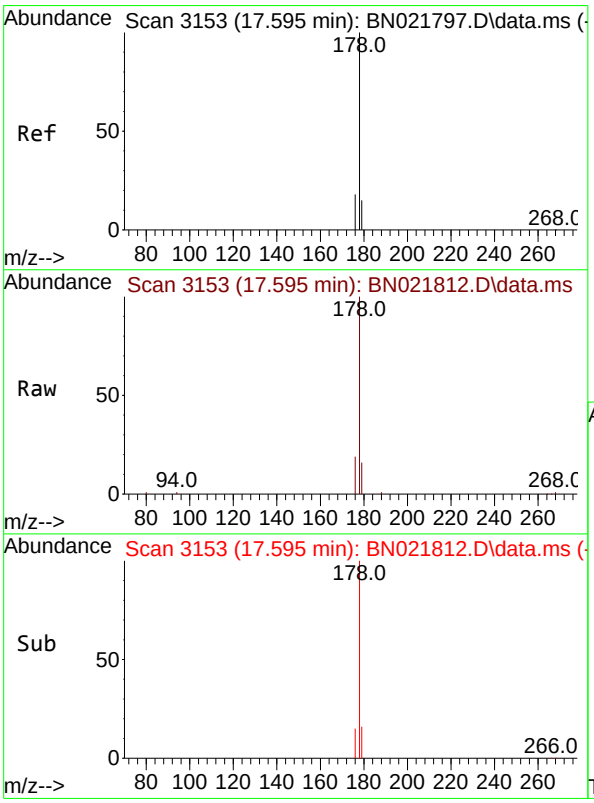
#15
Phenanthrene
Concen: 0.395 ng/ul
RT: 17.502 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN021812.D
Acq: 19 Sep 2022 20:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 23657

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.8	19.2
176	19.8	15.9	23.9

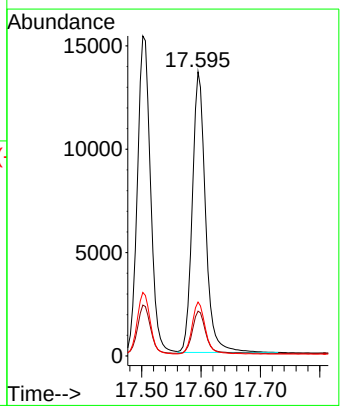


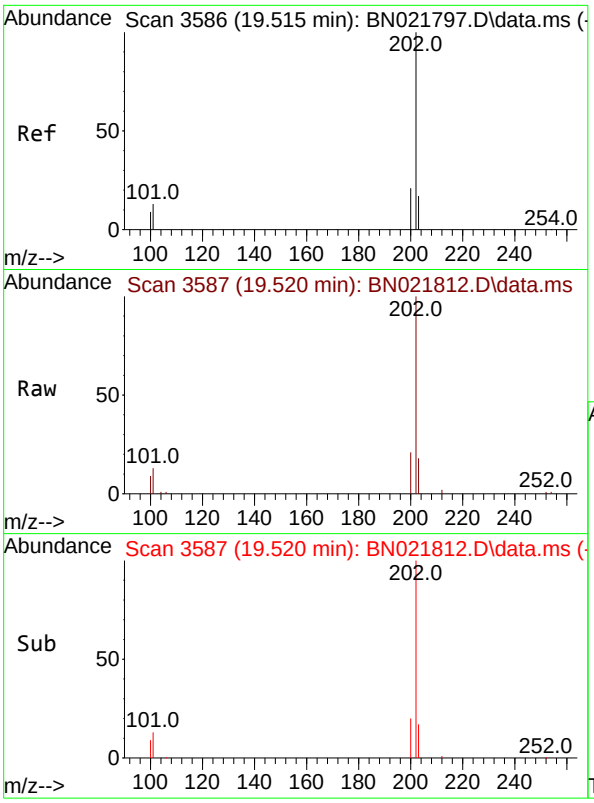


#16
Anthracene
Concen: 0.423 ng/ul
RT: 17.595 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BN021812.D
Acq: 19 Sep 2022 20:03

Tgt Ion:178 Resp: 21033

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.9	19.3
176	19.0	15.9	23.9



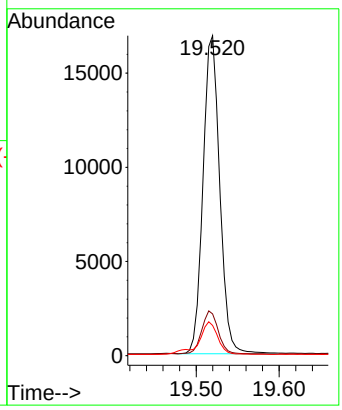


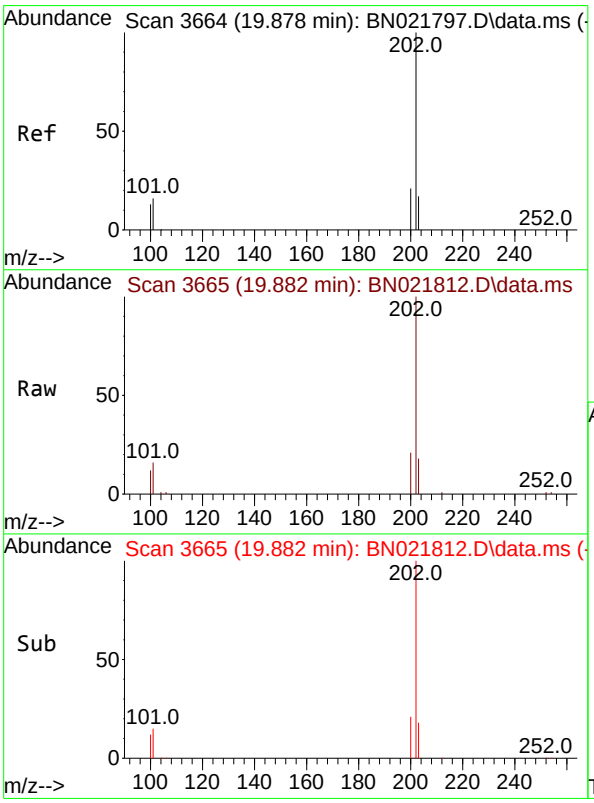
#19
Fluoranthene
Concen: 0.420 ng/ul
RT: 19.520 min Scan# 3
Delta R.T. 0.005 min
Lab File: BN021812.D
Acq: 19 Sep 2022 20:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 23662

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.0	15.0
100	9.5	8.0	12.0

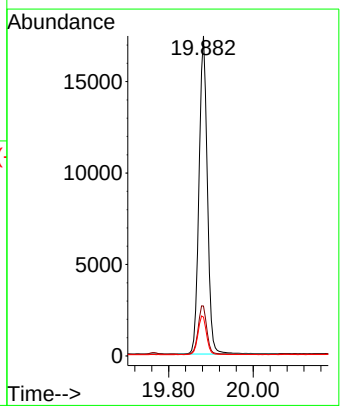


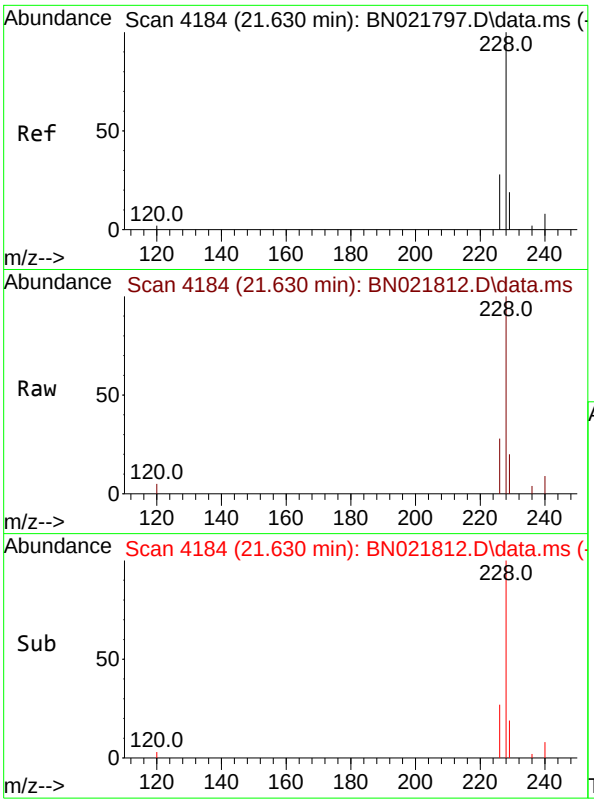


#20
Pyrene
Concen: 0.427 ng/ul
RT: 19.882 min Scan# 3665
Delta R.T. 0.005 min
Lab File: BN021812.D
Acq: 19 Sep 2022 20:03

Tgt Ion:202 Resp: 23706

Ion	Ratio	Lower	Upper
202	100		
101	15.6	11.3	16.9
100	12.2	9.0	13.4



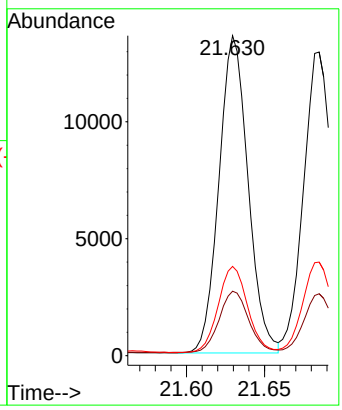


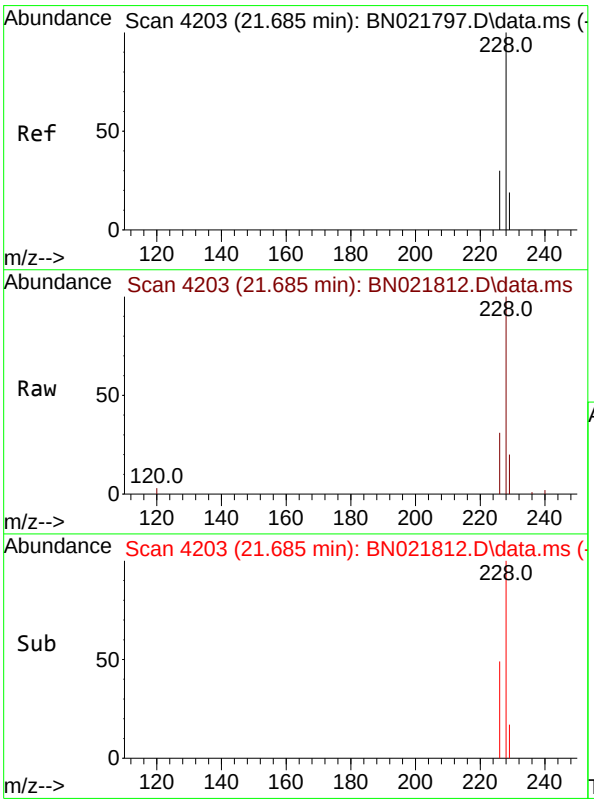
#21
Benzo(a)anthracene
Concen: 0.436 ng/ul
RT: 21.630 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN021812.D
Acq: 19 Sep 2022 20:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 17625

Ion	Ratio	Lower	Upper
228	100		
229	20.1	16.0	24.0
226	27.9	21.9	32.9

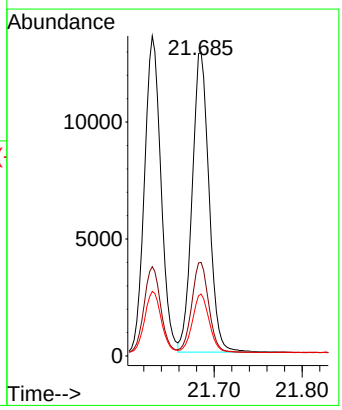


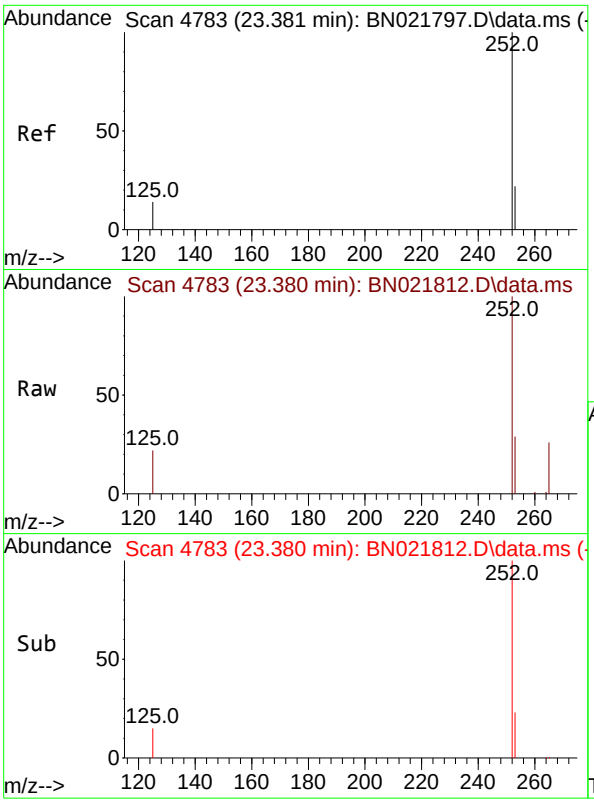


#22
Chrysene
Concen: 0.388 ng/ul
RT: 21.685 min Scan# 4203
Delta R.T. -0.000 min
Lab File: BN021812.D
Acq: 19 Sep 2022 20:03

Tgt Ion:228 Resp: 17115

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	37.0
229	20.4	15.8	23.8



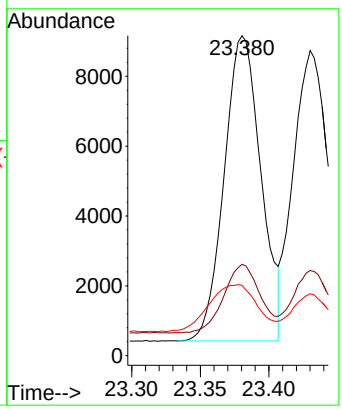


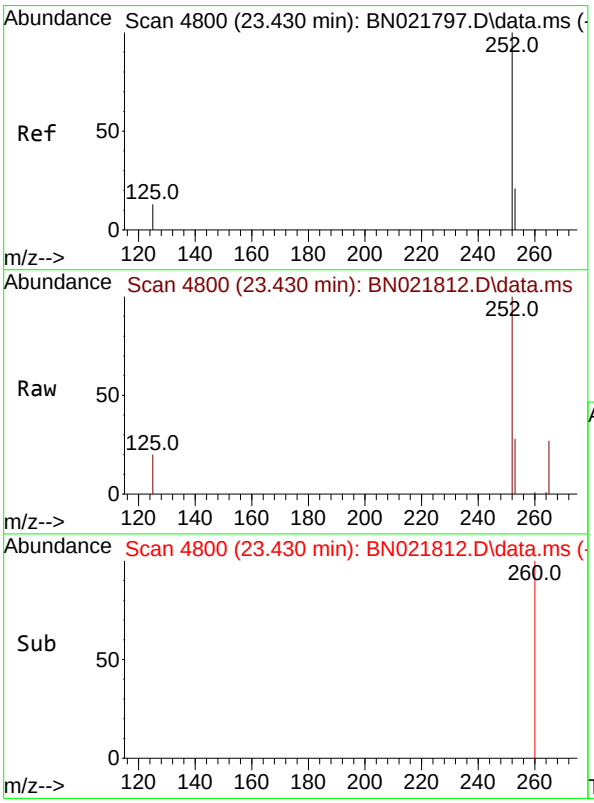
#24
Benzo(b)fluoranthene
Concen: 0.330 ng/ul
RT: 23.380 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN021812.D
Acq: 19 Sep 2022 20:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 16299

Ion	Ratio	Lower	Upper
252	100		
253	28.5	0.0	50.8
125	22.0	0.0	30.0

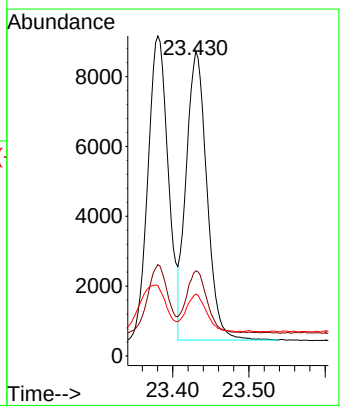


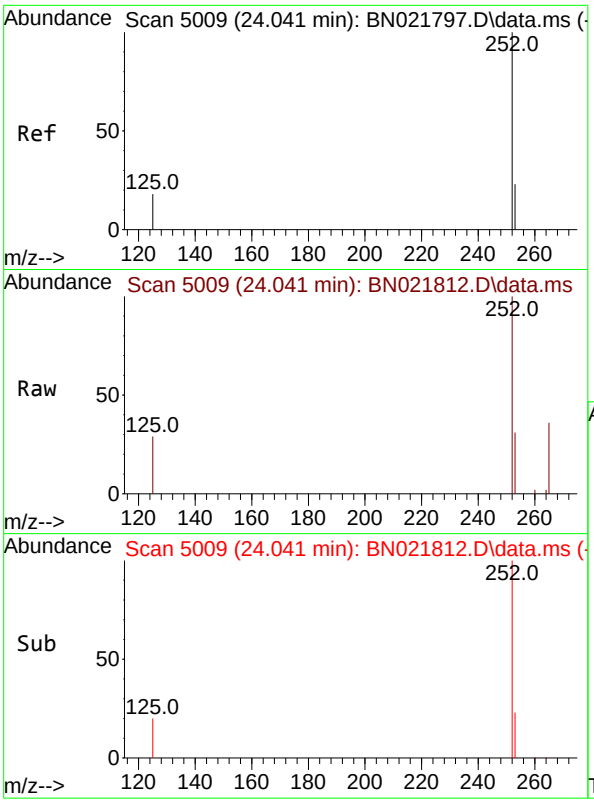


#25
Benzo(k)fluoranthene
Concen: 0.326 ng/ul
RT: 23.430 min Scan# 4800
Delta R.T. -0.000 min
Lab File: BN021812.D
Acq: 19 Sep 2022 20:03

Tgt Ion:252 Resp: 15609

Ion	Ratio	Lower	Upper
252	100		
253	27.9	20.6	31.0
125	20.3	11.8	17.6#



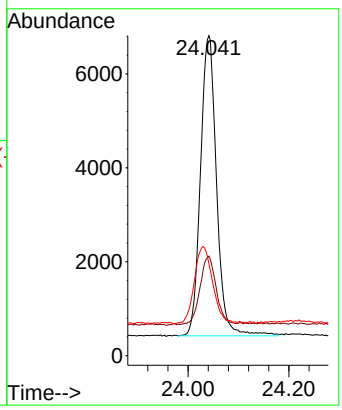


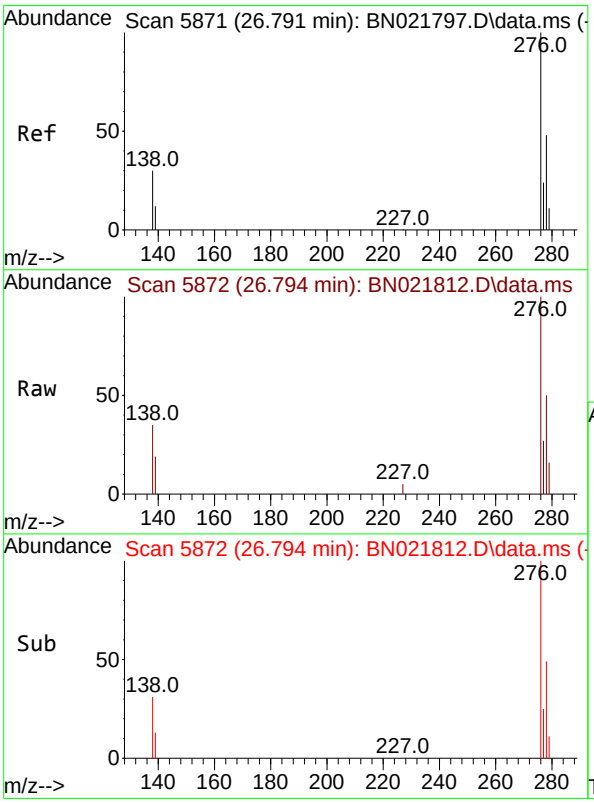
#26
Benzo(a)pyrene
Concen: 0.378 ng/ul
RT: 24.041 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN021812.D
Acq: 19 Sep 2022 20:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 14150

Ion	Ratio	Lower	Upper
252	100		
253	31.1	22.1	33.1
125	28.7	14.7	22.1#

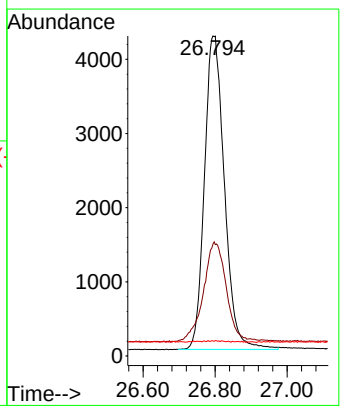


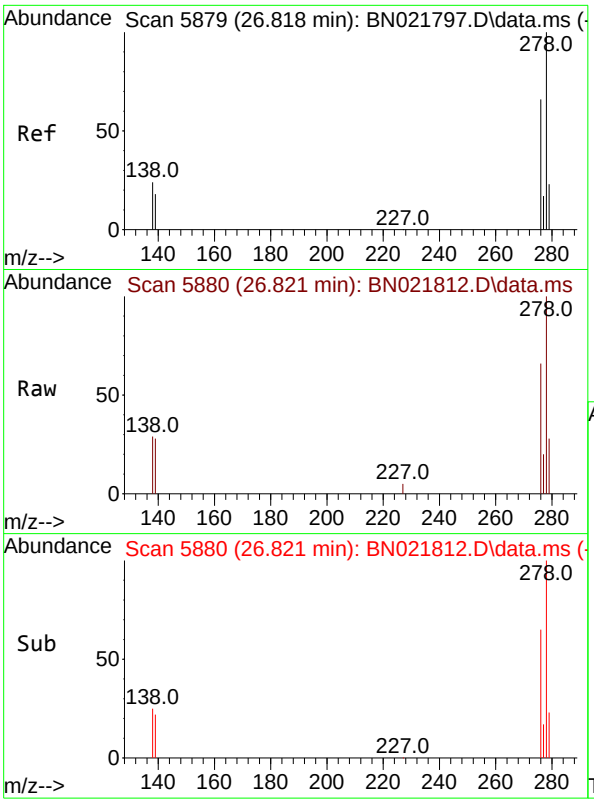


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.386 ng/ul
RT: 26.794 min Scan# 5872
Delta R.T. 0.003 min
Lab File: BN021812.D
Acq: 19 Sep 2022 20:03

Tgt Ion:276 Resp: 16257

Ion	Ratio	Lower	Upper
276	100		
138	36.1	26.1	39.1
227	0.0	0.1	0.1#



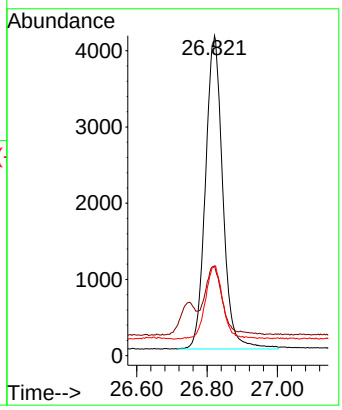


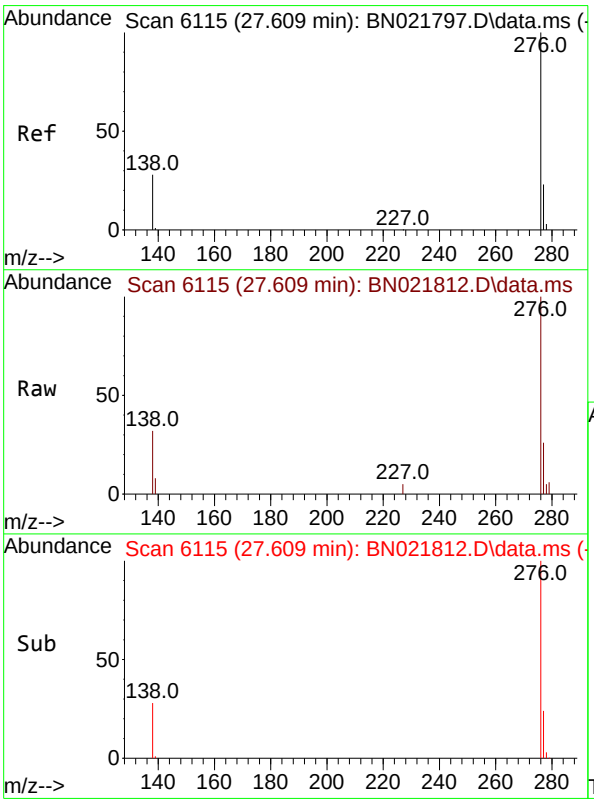
#28
Dibenzo(a,h)anthracene
Concen: 0.392 ng/ul
RT: 26.821 min Scan# 5
Delta R.T. 0.003 min
Lab File: BN021812.D
Acq: 19 Sep 2022 20:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 14020

Ion	Ratio	Lower	Upper
278	100		
139	28.1	18.3	27.5#
279	27.9	23.9	35.9





#29
Benzo(g,h,i)perylene
Concen: 0.373 ng/ul
RT: 27.609 min Scan# 6115
Delta R.T. -0.000 min
Lab File: BN021812.D
Acq: 19 Sep 2022 20:03

Tgt Ion:276 Resp: 14476

Ion	Ratio	Lower	Upper
276	100		
138	32.3	22.6	34.0
277	26.1	20.2	30.2