Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091922\
Data File : BN021810.D
Acq On : 19 Sep 2022 18:47
Operator : CG/JU
Sample : PB147715BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 20 00:26:13 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	4501	0.400 ng/ul	0.00
4) Naphthalene-d8	10.883	136	15360	0.400 ng/ul	0.00
9) Acenaphthene-d10	14.712	164	8985	0.400 ng/ul	0.00
13) Phenanthrene-d10	17.464	188	17892	0.400 ng/ul	0.00
17) Chrysene-d12	21.650	240	11077	0.400 ng/ul	# 0.00
23) Perylene-d12	24.158	264	9284	0.400 ng/ul	# 0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.368	96	3540	0.639 ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.472	152	9163	0.377 ng/ul	0.00
18) Fluoranthene-d10	19.487	212	17863	0.434 ng/ul	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.401	88	9836	1.732 ng/ul#	87
5) Naphthalene	10.938	128	15725	0.363 ng/ul	98
7) 2-Methylnaphthalene	12.544	142	10448	0.371 ng/ul	98
8) 1-Methylnaphthalene	12.764	142	10826	0.375 ng/ul	100
10) Acenaphthylene	14.434	152	15421	0.409 ng/ul	98
11) Acenaphthene	14.772	153	11388	0.356 ng/ul	99
12) Fluorene	15.758	166	13065	0.364 ng/ul	99
14) Pentachlorophenol	17.113	266	2108	0.608 ng/ul	99
15) Phenanthrene	17.506	178	20716	0.367 ng/ul	99
16) Anthracene	17.595	178	18913	0.404 ng/ul	99
19) Fluoranthene	19.520	202	22046	0.426 ng/ul	99
20) Pyrene	19.882	202	21894	0.429 ng/ul	96
21) Benzo(a)anthracene	21.632	228	16443	0.443 ng/ul	99
22) Chrysene	21.688	228	16404	0.405 ng/ul	99
24) Benzo(b)fluoranthene	23.380	252	15169	0.337 ng/ul	89
25) Benzo(k)fluoranthene	23.433	252	14356	0.329 ng/ul#	90
26) Benzo(a)pyrene	24.041	252	14505	0.425 ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.797	276	15999	0.417 ng/ul	97
28) Dibenzo(a,h)anthracene	26.821	278	12999	0.399 ng/ul#	92
29) Benzo(g,h,i)perylene	27.616	276	13612	0.385 ng/ul	93

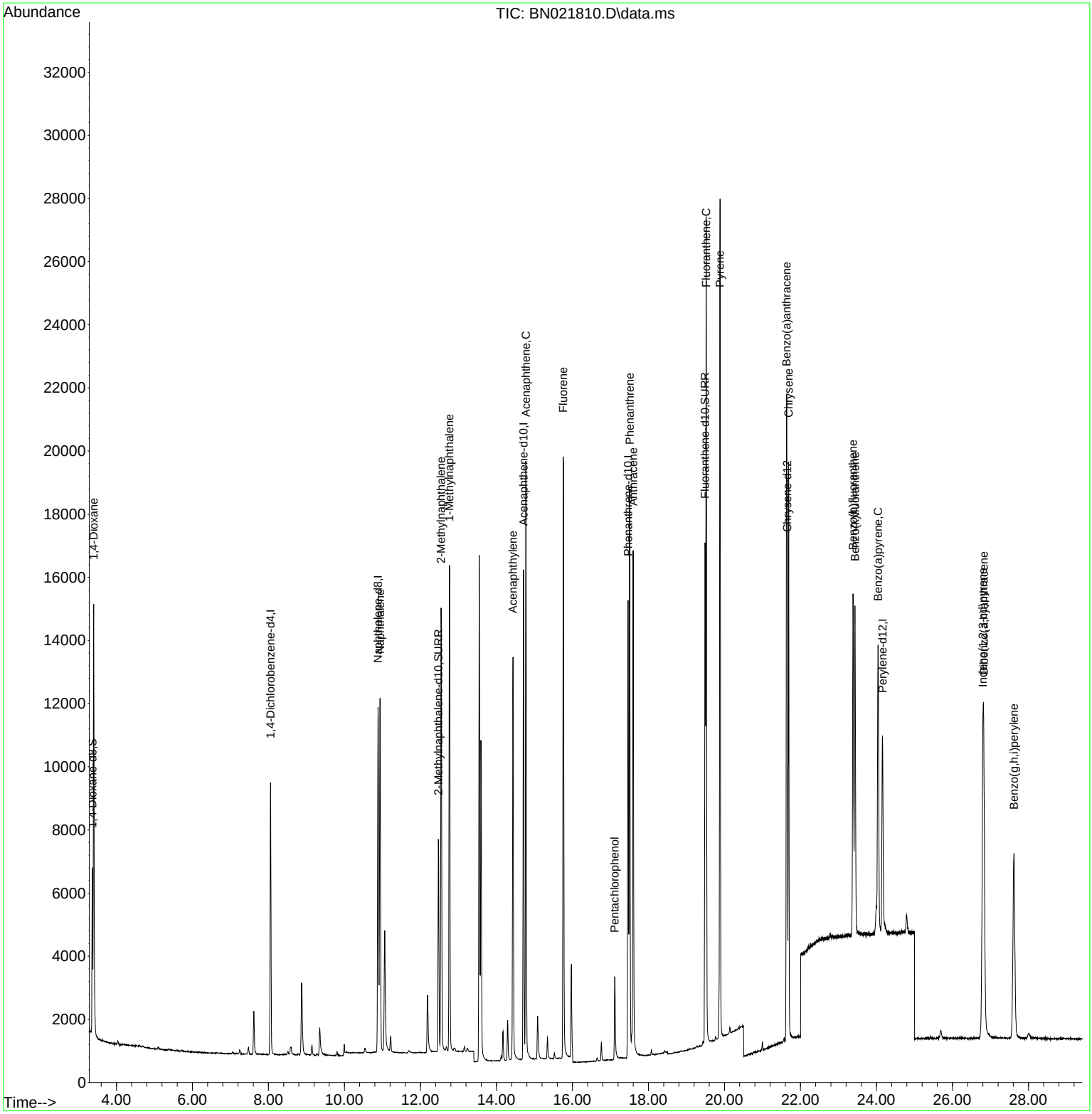
(#) = qualifier out of range (m) = manual integration (+) = signals summed

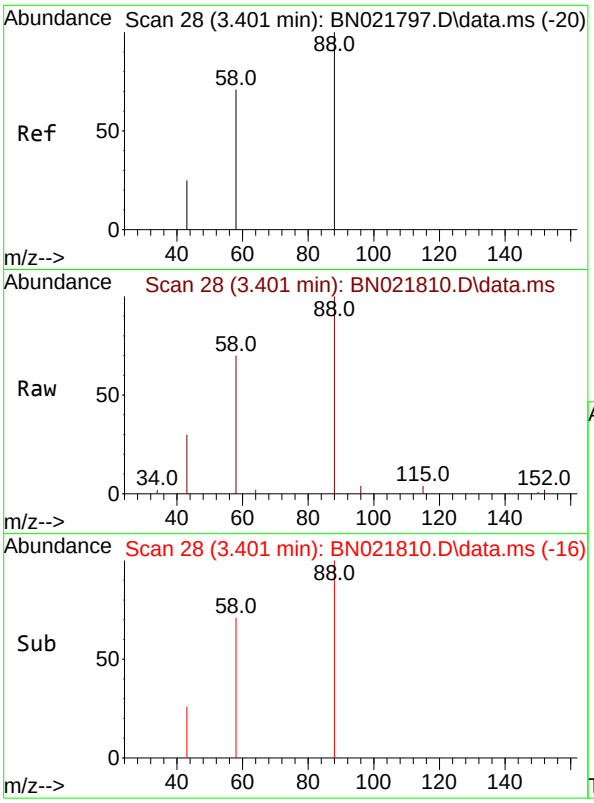
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091922\
Data File : BN021810.D
Acq On : 19 Sep 2022 18:47
Operator : CG/JU
Sample : PB147715BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 20 00:26:13 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



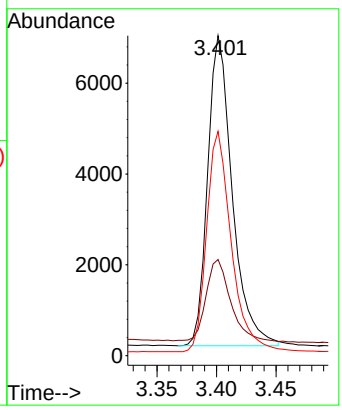


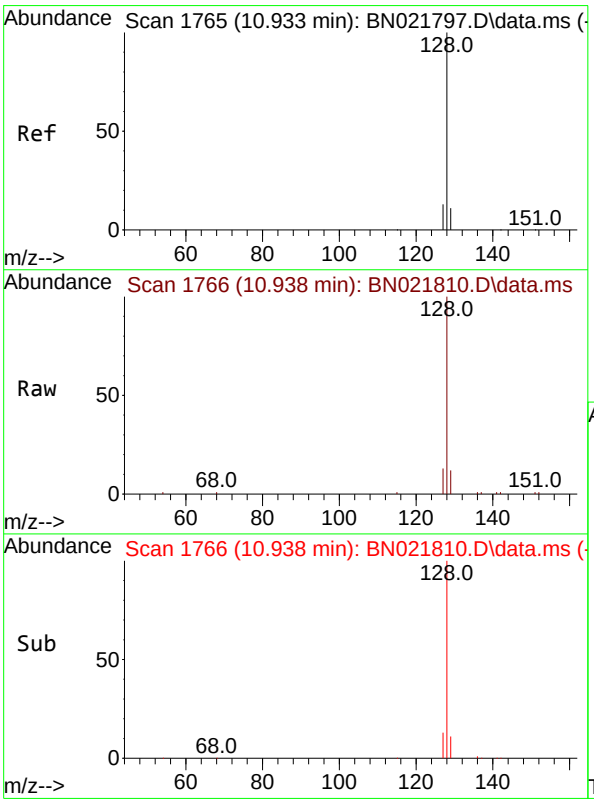
#2
1,4-Dioxane
Concen: 1.732 ng/ul
RT: 3.401 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN021810.D
Acq: 19 Sep 2022 18:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 9836

Ion	Ratio	Lower	Upper
88	100		
43	30.1	31.4	47.0#
58	70.1	49.0	73.6

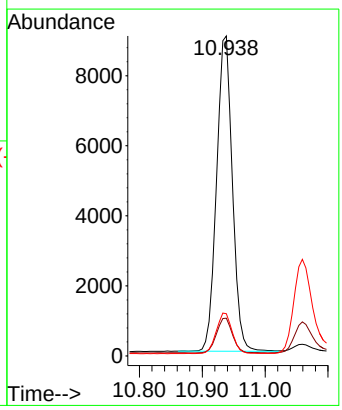


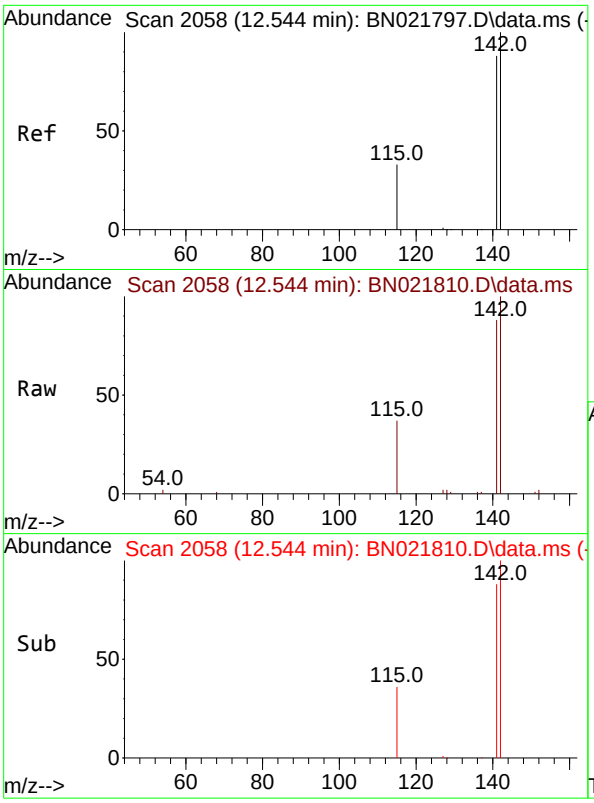


#5
Naphthalene
Concen: 0.363 ng/ul
RT: 10.938 min Scan# 1766
Delta R.T. 0.005 min
Lab File: BN021810.D
Acq: 19 Sep 2022 18:47

Tgt Ion:128 Resp: 15725

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.8	14.6
127	13.2	11.6	17.4



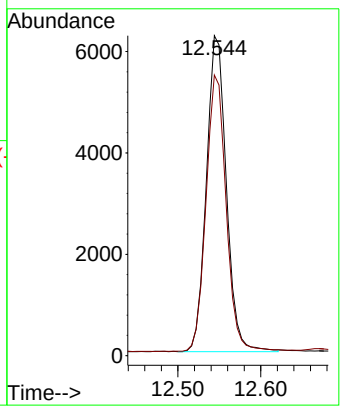


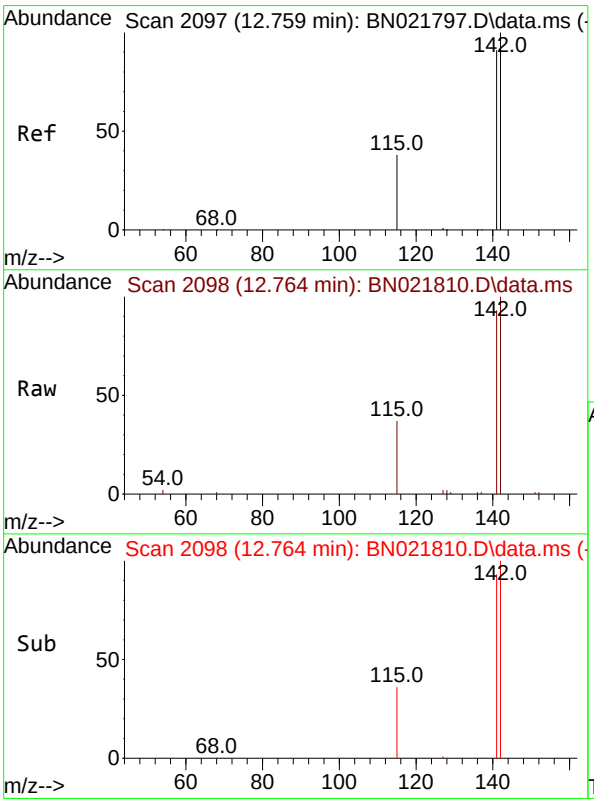
#7
2-Methylnaphthalene
Concen: 0.371 ng/ul
RT: 12.544 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN021810.D
Acq: 19 Sep 2022 18:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 10448

Ion	Ratio	Lower	Upper
142	100		
141	88.3	72.2	108.2

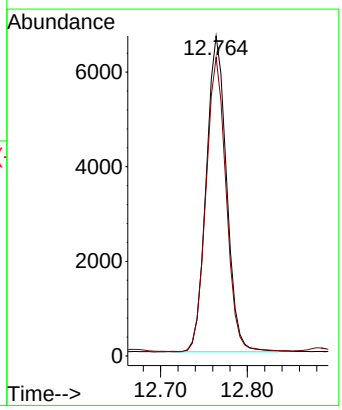


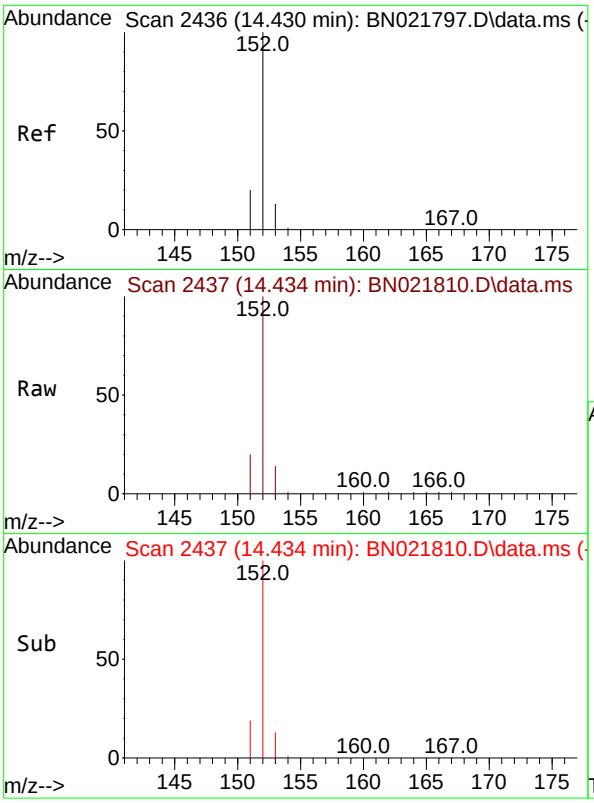


#8
1-Methylnaphthalene
Concen: 0.375 ng/ul
RT: 12.764 min Scan# 2098
Delta R.T. 0.005 min
Lab File: BN021810.D
Acq: 19 Sep 2022 18:47

Tgt Ion:142 Resp: 10826

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.9	110.9



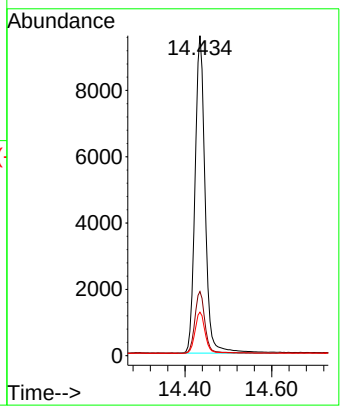


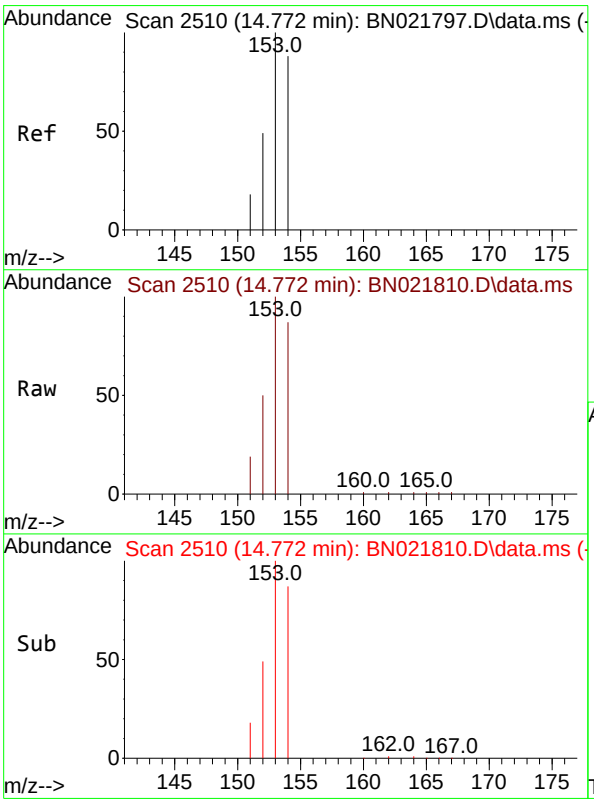
#10
Acenaphthylene
Concen: 0.409 ng/ul
RT: 14.434 min Scan# 24
Delta R.T. 0.005 min
Lab File: BN021810.D
Acq: 19 Sep 2022 18:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 15421

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.9	25.3
153	13.6	11.2	16.8

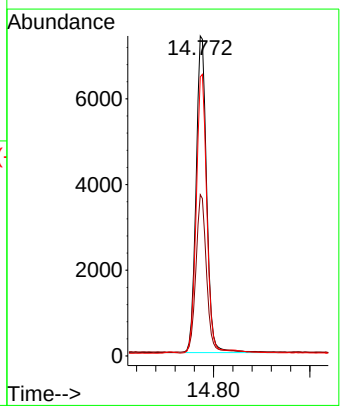


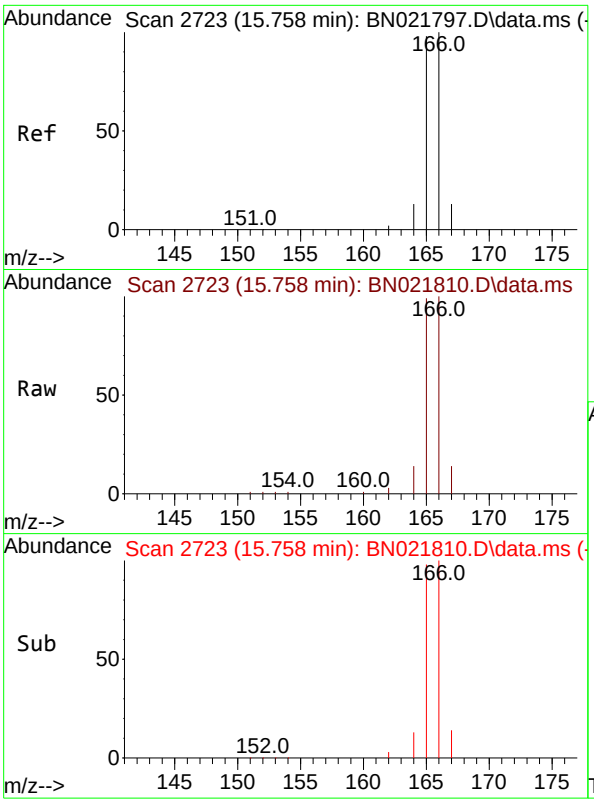


#11
Acenaphthene
Concen: 0.356 ng/ul
RT: 14.772 min Scan# 2510
Delta R.T. -0.000 min
Lab File: BN021810.D
Acq: 19 Sep 2022 18:47

Tgt Ion:153 Resp: 11388

Ion	Ratio	Lower	Upper
153	100		
152	50.4	40.2	60.4
154	87.2	70.7	106.1



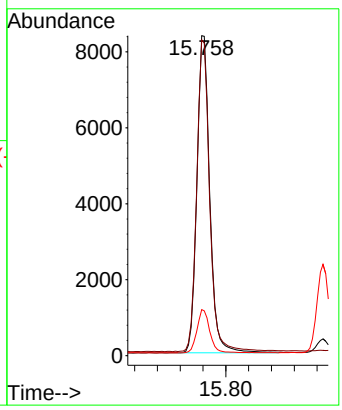


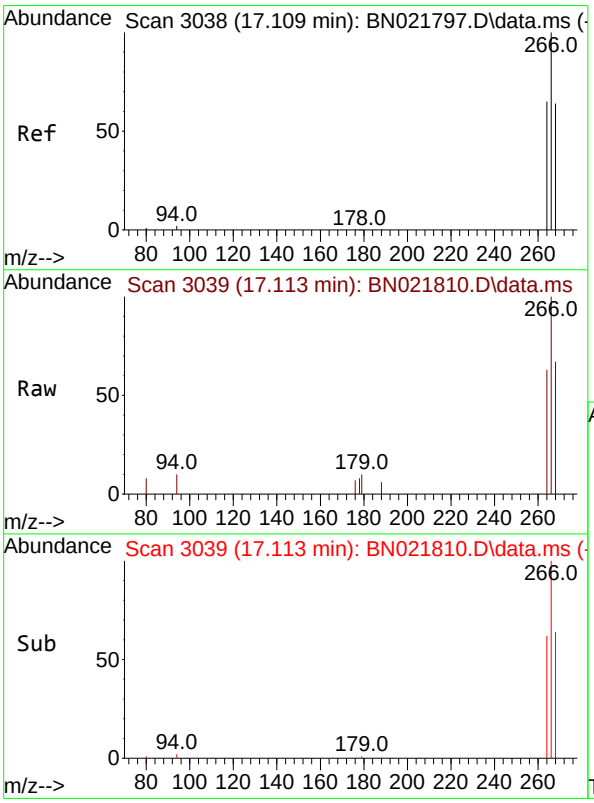
#12
Fluorene
Concen: 0.364 ng/ul
RT: 15.758 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN021810.D
Acq: 19 Sep 2022 18:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 13065

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.6	117.8
167	14.4	11.8	17.6

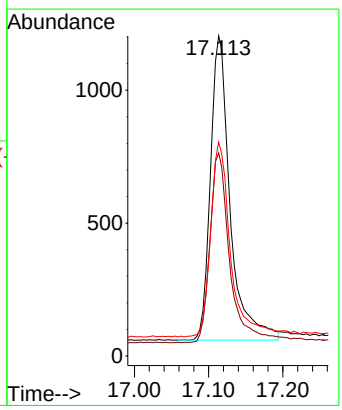


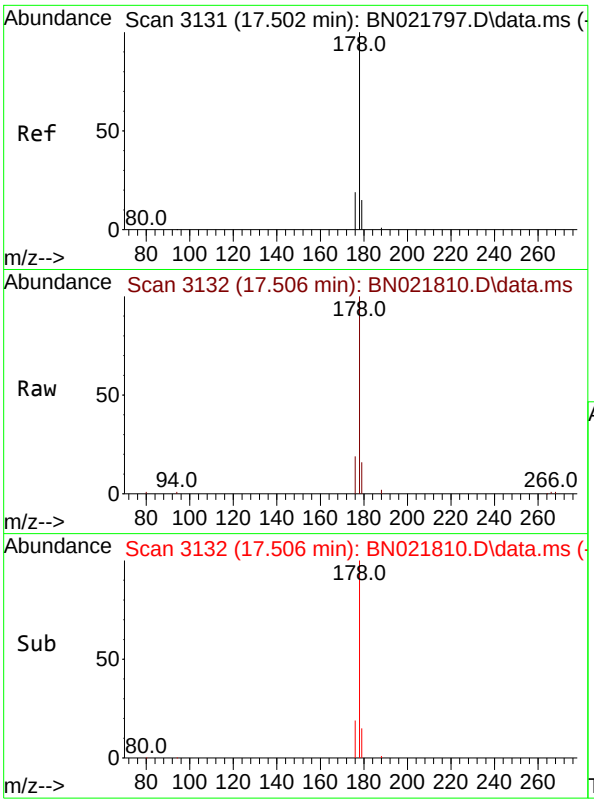


#14
Pentachlorophenol
Concen: 0.608 ng/ul
RT: 17.113 min Scan# 3039
Delta R.T. 0.004 min
Lab File: BN021810.D
Acq: 19 Sep 2022 18:47

Tgt Ion:266 Resp: 2108

Ion	Ratio	Lower	Upper
266	100		
264	62.5	49.8	74.8
268	64.5	50.6	75.8



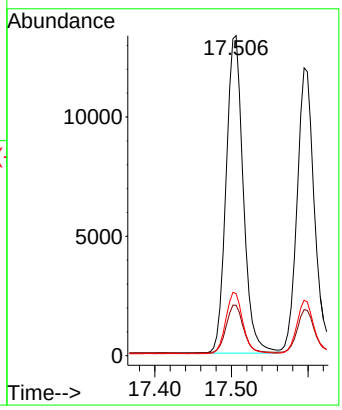


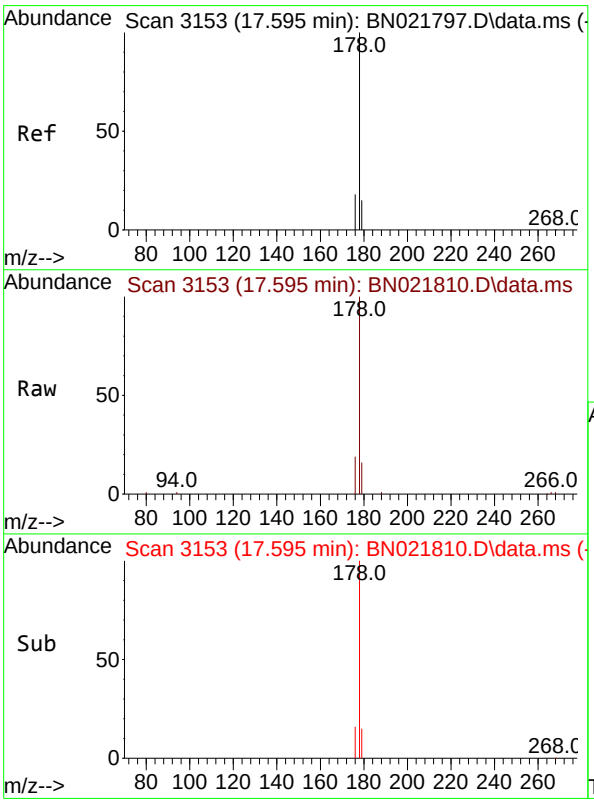
#15
Phenanthrene
Concen: 0.367 ng/ul
RT: 17.506 min Scan# 3
Delta R.T. 0.004 min
Lab File: BN021810.D
Acq: 19 Sep 2022 18:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 20716

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.8	19.2
176	19.4	15.9	23.9

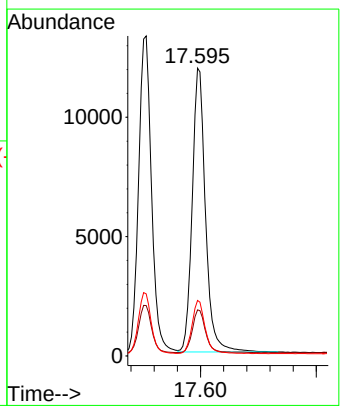


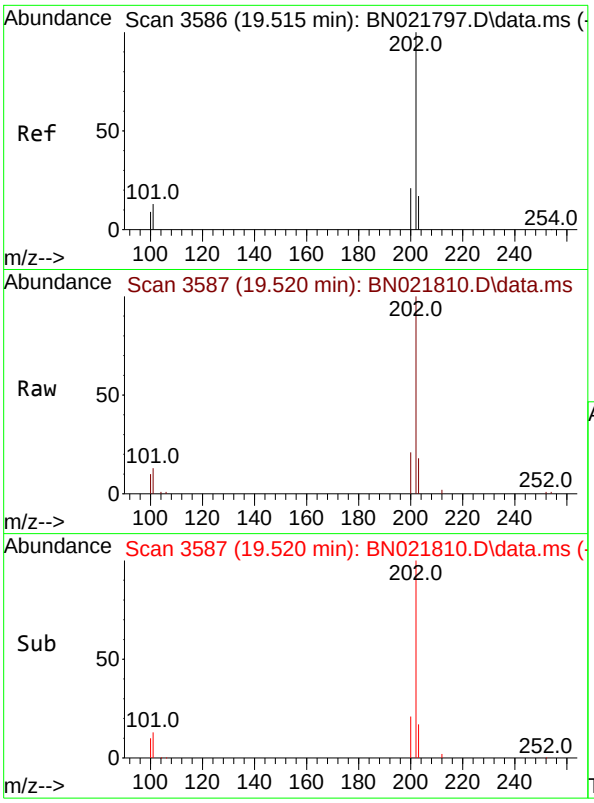


#16
Anthracene
Concen: 0.404 ng/ul
RT: 17.595 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BN021810.D
Acq: 19 Sep 2022 18:47

Tgt Ion:178 Resp: 18913

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.9	19.3
176	19.3	15.9	23.9



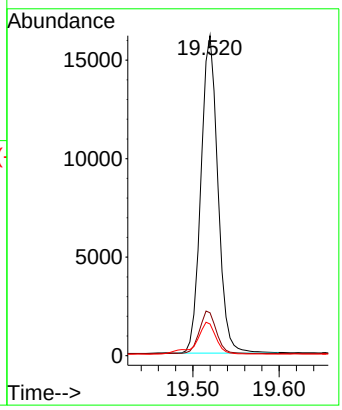


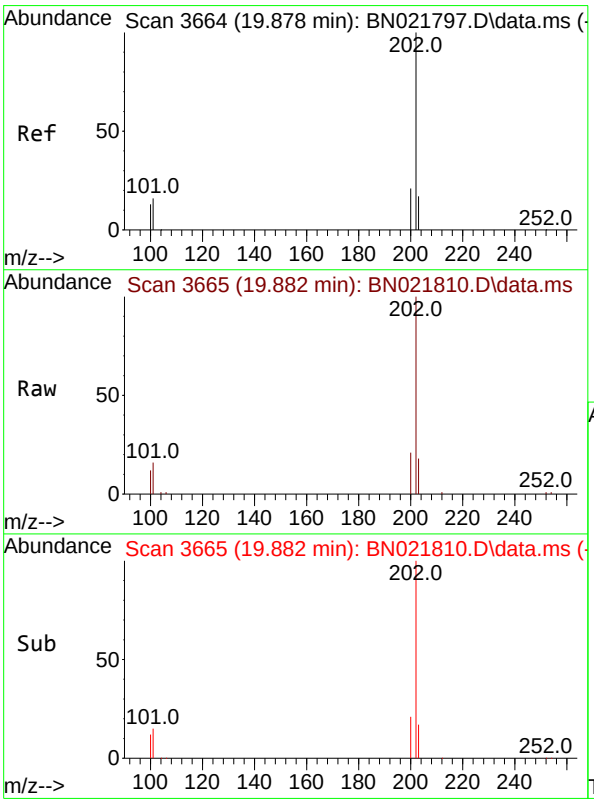
#19
Fluoranthene
Concen: 0.426 ng/ul
RT: 19.520 min Scan# 3
Delta R.T. 0.005 min
Lab File: BN021810.D
Acq: 19 Sep 2022 18:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 22046

Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.0	15.0
100	9.9	8.0	12.0

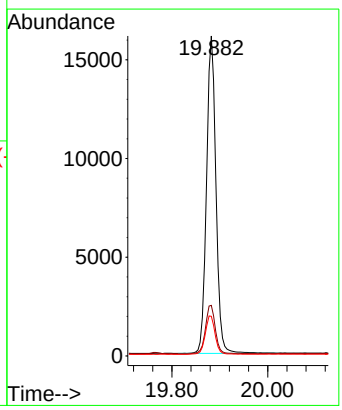


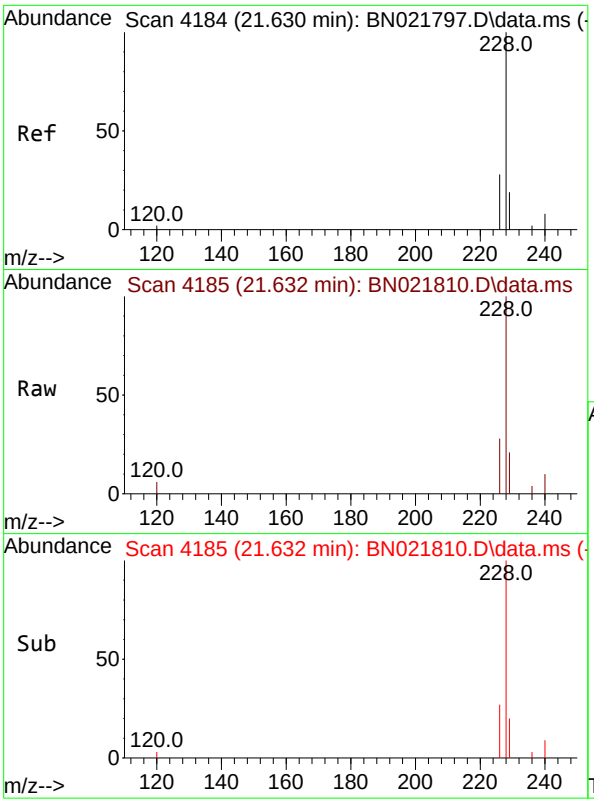


#20
Pyrene
Concen: 0.429 ng/ul
RT: 19.882 min Scan# 3665
Delta R.T. 0.005 min
Lab File: BN021810.D
Acq: 19 Sep 2022 18:47

Tgt Ion:202 Resp: 21894

Ion	Ratio	Lower	Upper
202	100		
101	15.8	11.3	16.9
100	12.4	9.0	13.4



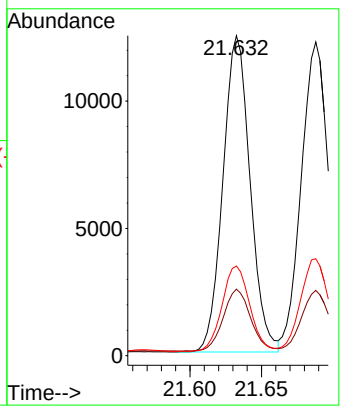


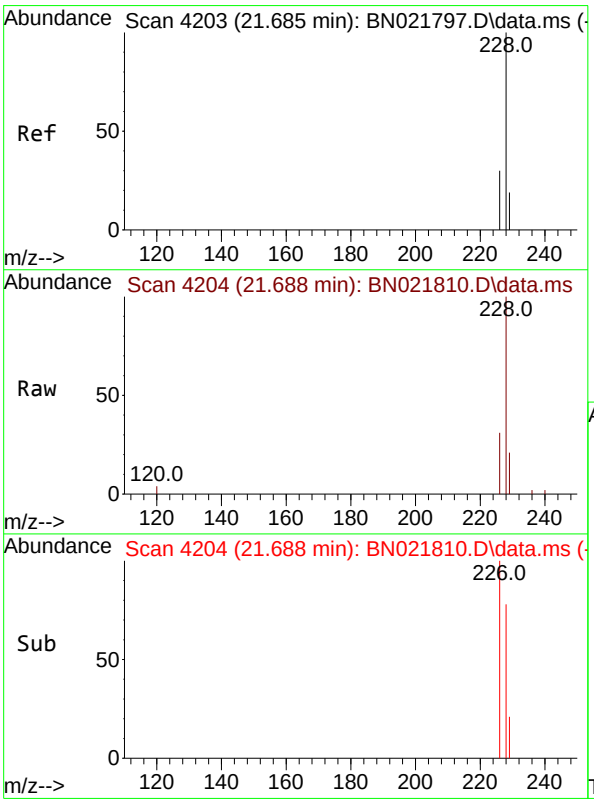
#21
Benzo(a)anthracene
Concen: 0.443 ng/ul
RT: 21.632 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN021810.D
Acq: 19 Sep 2022 18:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 16443

Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.0	24.0
226	28.0	21.9	32.9

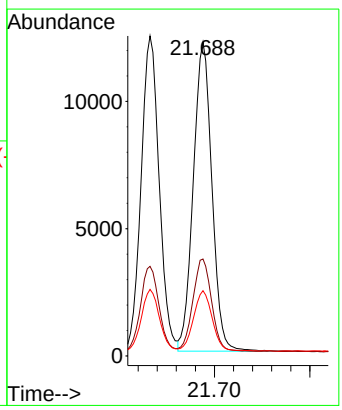


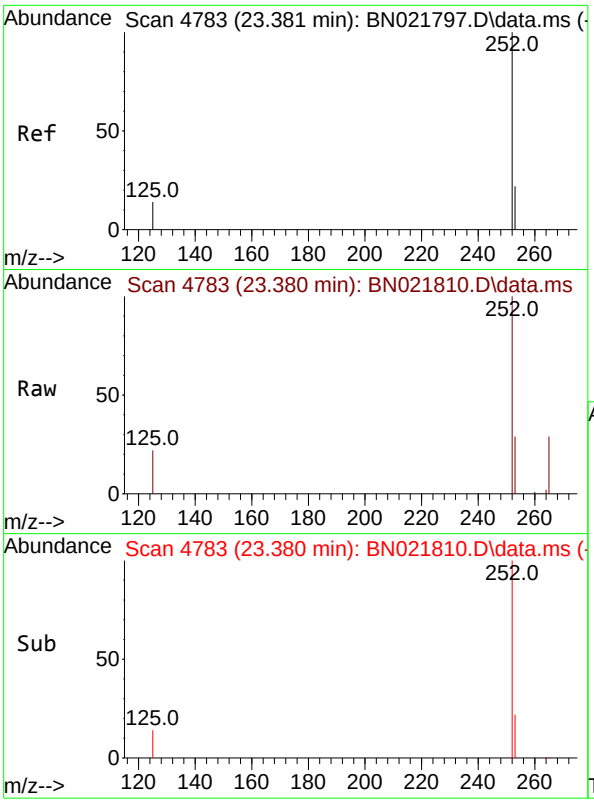


#22
Chrysene
Concen: 0.405 ng/ul
RT: 21.688 min Scan# 4204
Delta R.T. 0.003 min
Lab File: BN021810.D
Acq: 19 Sep 2022 18:47

Tgt Ion:228 Resp: 16404

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.6	37.0
229	20.8	15.8	23.8



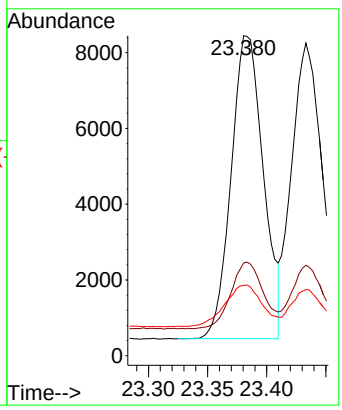


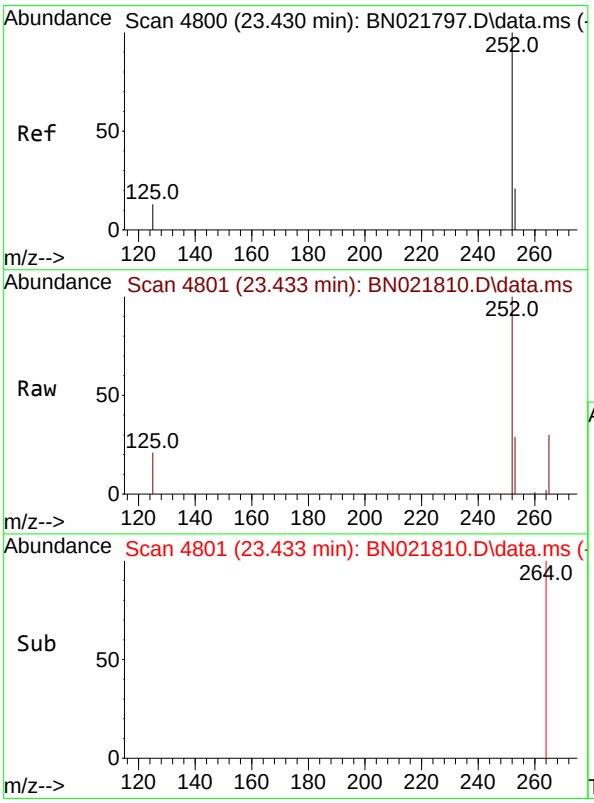
#24
Benzo(b)fluoranthene
Concen: 0.337 ng/ul
RT: 23.380 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN021810.D
Acq: 19 Sep 2022 18:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 15169

Ion	Ratio	Lower	Upper
252	100		
253	28.9	0.0	50.8
125	22.0	0.0	30.0

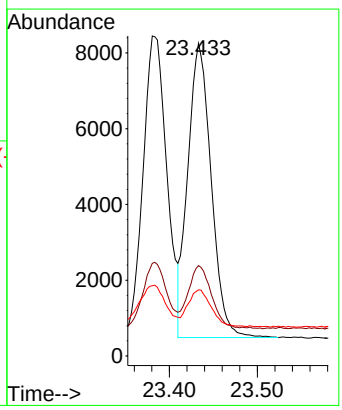


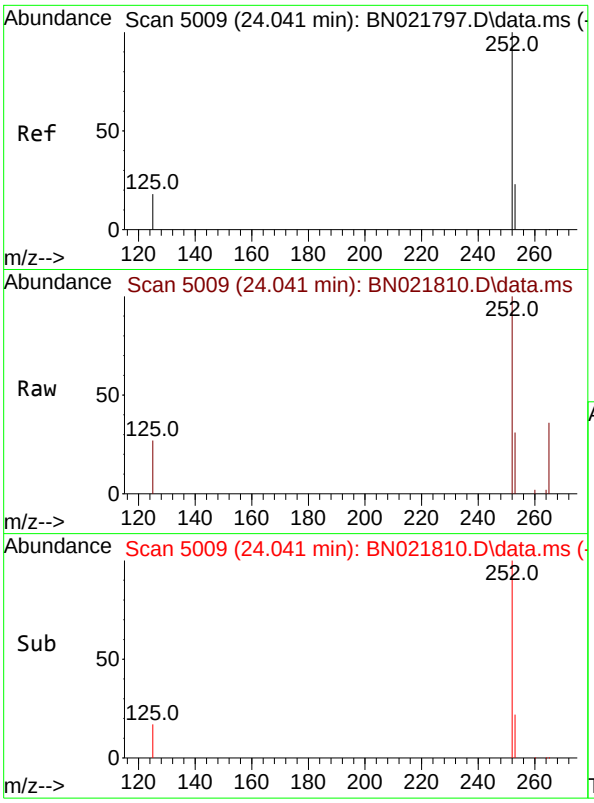


#25
Benzo(k)fluoranthene
Concen: 0.329 ng/ul
RT: 23.433 min Scan# 4801
Delta R.T. 0.003 min
Lab File: BN021810.D
Acq: 19 Sep 2022 18:47

Tgt Ion:252 Resp: 14356

Ion	Ratio	Lower	Upper
252	100		
253	28.9	20.6	31.0
125	21.2	11.8	17.6#



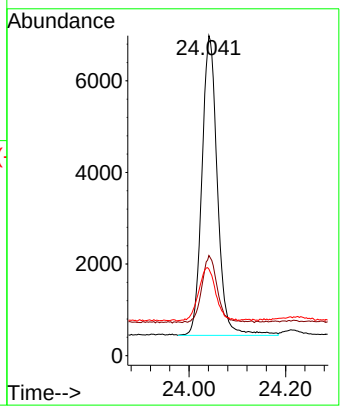


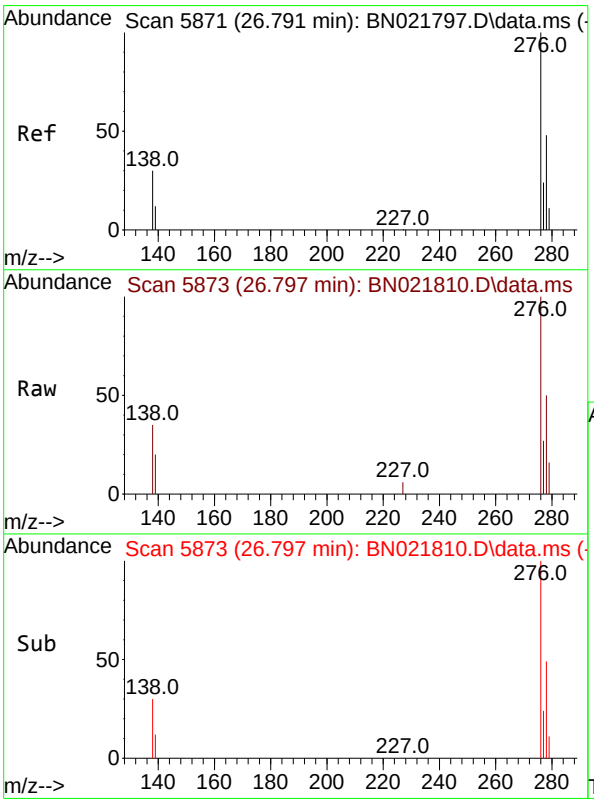
#26
Benzo(a)pyrene
Concen: 0.425 ng/ul
RT: 24.041 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN021810.D
Acq: 19 Sep 2022 18:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 14505

Ion	Ratio	Lower	Upper
252	100		
253	31.3	22.1	33.1
125	27.0	14.7	22.1#

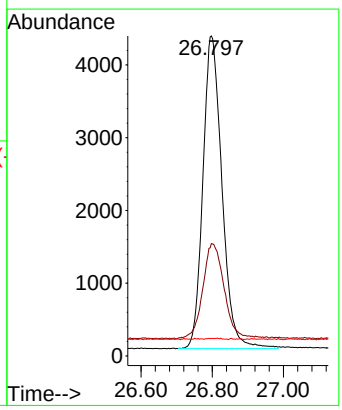


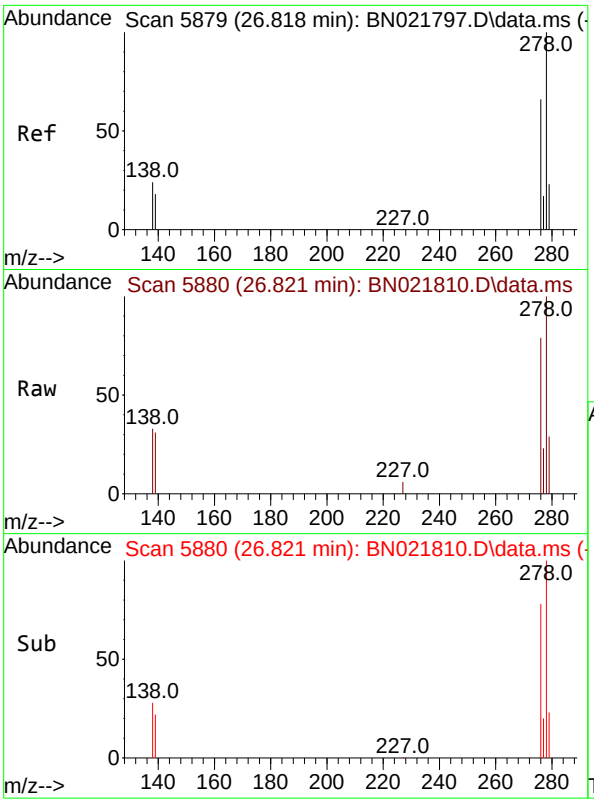


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.417 ng/ul
RT: 26.797 min Scan# 5873
Delta R.T. 0.007 min
Lab File: BN021810.D
Acq: 19 Sep 2022 18:47

Tgt Ion:276 Resp: 15999

Ion	Ratio	Lower	Upper
276	100		
138	34.4	26.1	39.1
227	0.1	0.1	0.1



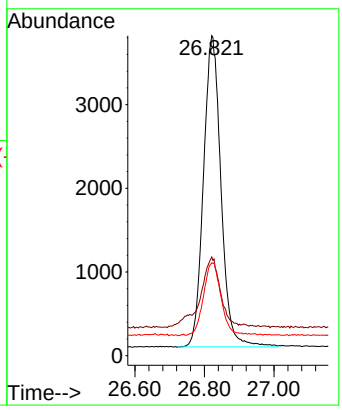


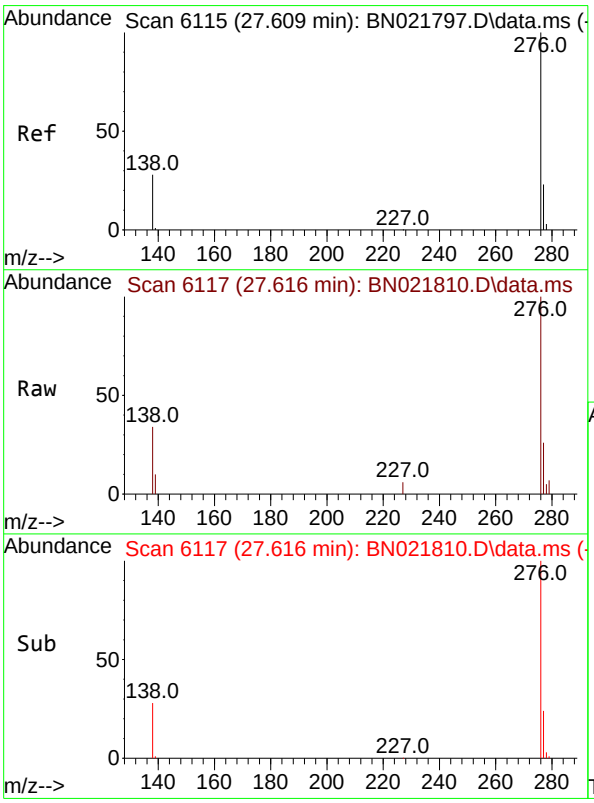
#28
Dibenzo(a,h)anthracene
Concen: 0.399 ng/ul
RT: 26.821 min Scan# 5
Delta R.T. 0.003 min
Lab File: BN021810.D
Acq: 19 Sep 2022 18:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 12999

Ion	Ratio	Lower	Upper
278	100		
139	30.9	18.3	27.5#
279	29.1	23.9	35.9





#29
Benzo(g,h,i)perylene
Concen: 0.385 ng/ul
RT: 27.616 min Scan# 6117
Delta R.T. 0.007 min
Lab File: BN021810.D
Acq: 19 Sep 2022 18:47

Tgt Ion:276 Resp: 13612

Ion	Ratio	Lower	Upper
276	100		
138	33.7	22.6	34.0
277	26.5	20.2	30.2