Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021323\
Data File : BN024015.D
Acq On : 13 Feb 2023 16:03
Operator : CG/JU
Sample : PB150763BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Feb 14 01:16:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN013023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 14 01:13:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.838	152	3995	0.400	ng/ul		0.00
4) Naphthalene-d8	10.639	136	10509	0.400	ng/ul		0.00
9) Acenaphthene-d10	14.488	164	6297	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.238	188	13949	0.400	ng/ul	#	0.00
17) Chrysene-d12	21.429	240	11606	0.400	ng/ul	#	0.00
23) Perylene-d12	23.820	264	8057	0.400	ng/ul	#	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.231	96	2508	0.586	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.234	152	4924	0.299	ng/ul		0.00
18) Fluoranthene-d10	19.267	212	11941	0.383	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.265	88	6801	1.499	ng/ul	#	80
5) Naphthalene	10.694	128	9024	0.314	ng/ul		100
7) 2-Methylnaphthalene	12.306	142	5705	0.305	ng/ul		100
8) 1-Methylnaphthalene	12.526	142	6122	0.320	ng/ul		99
10) Acenaphthylene	14.206	152	7600	0.315	ng/ul		100
11) Acenaphthene	14.548	153	6742	0.318	ng/ul		99
12) Fluorene	15.538	166	7757	0.303	ng/ul		97
14) Pentachlorophenol	16.892	266	1971	0.428	ng/ul		98
15) Phenanthrene	17.280	178	13092	0.315	ng/ul		100
16) Anthracene	17.373	178	10916	0.314	ng/ul		99
19) Fluoranthene	19.299	202	15662	0.406	ng/ul	#	95
20) Pyrene	19.662	202	15729	0.394	ng/ul	#	95
21) Benzo(a)anthracene	21.414	228	13228	0.336	ng/ul		100
22) Chrysene	21.467	228	15035	0.362	ng/ul		99
24) Benzo(b)fluoranthene	23.089	252	13622	0.383	ng/ul		97
25) Benzo(k)fluoranthene	23.142	252	13539	0.389	ng/ul	#	96
26) Benzo(a)pyrene	23.706	252	10463	0.353	ng/ul	#	92
27) Indeno(1,2,3-cd)pyrene	26.295	276	13444	0.323	ng/ul	#	95
28) Dibenzo(a,h)anthracene	26.319	278	10773	0.324	ng/ul		95
29) Benzo(g,h,i)perylene	27.053	276	11724	0.343	ng/ul		96

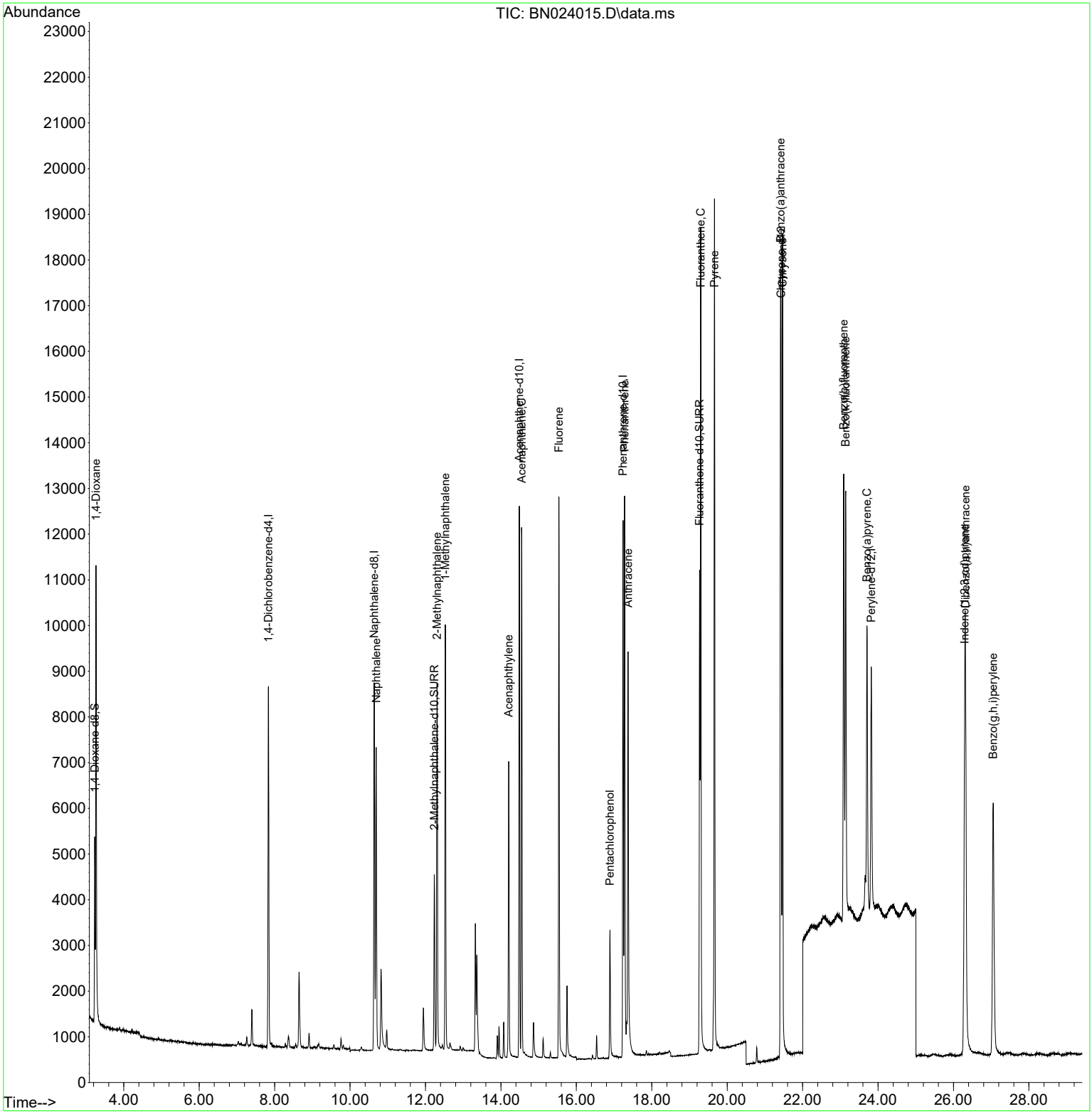
(#) = qualifier out of range (m) = manual integration (+) = signals summed

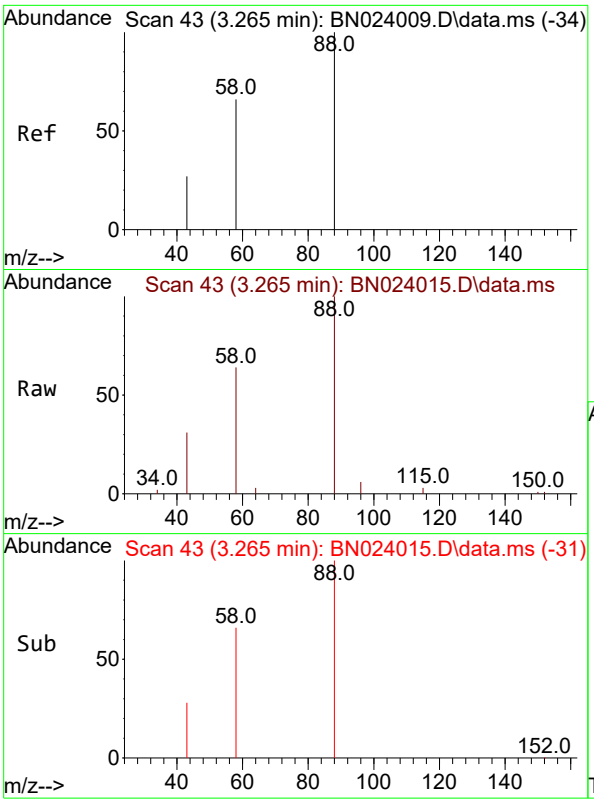
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021323\
Data File : BN024015.D
Acq On : 13 Feb 2023 16:03
Operator : CG/JU
Sample : PB150763BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Feb 14 01:16:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN013023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 14 01:13:07 2023
Response via : Initial Calibration



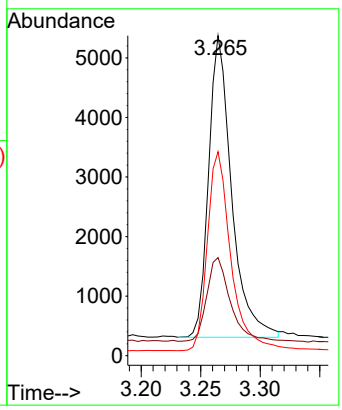


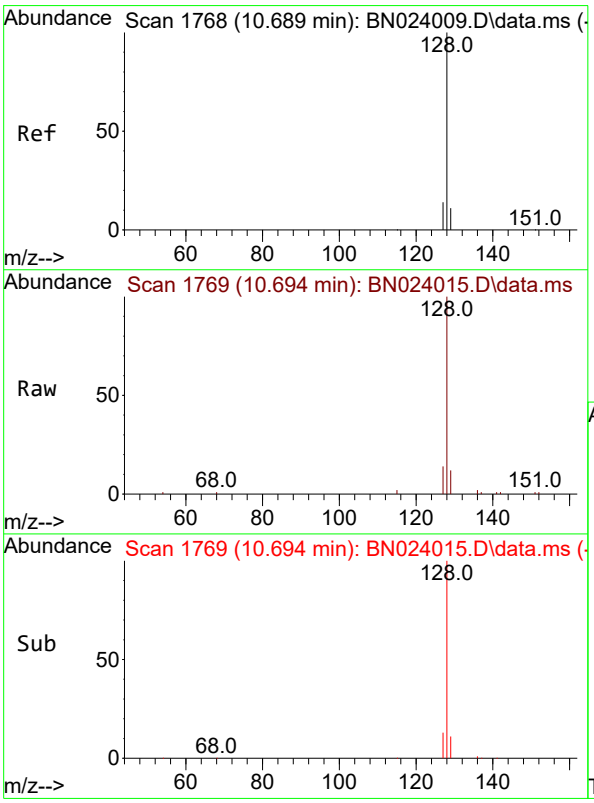
#2
1,4-Dioxane
Concen: 1.499 ng/ul
RT: 3.265 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN024015.D
Acq: 13 Feb 2023 16:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 6801

Ion	Ratio	Lower	Upper
88	100		
43	30.7	41.9	62.9#
58	63.7	45.6	68.4

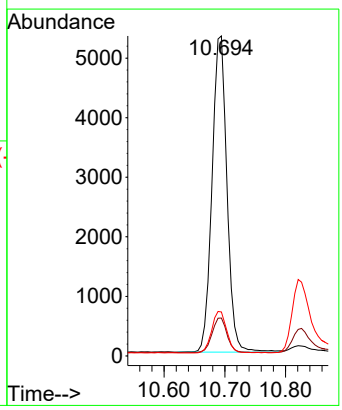


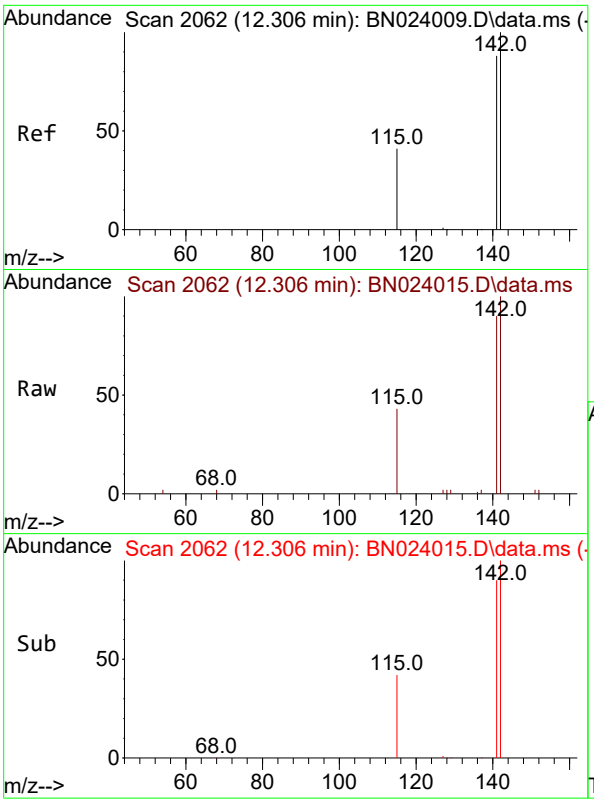


#5
Naphthalene
Concen: 0.314 ng/ul
RT: 10.694 min Scan# 1769
Delta R.T. 0.005 min
Lab File: BN024015.D
Acq: 13 Feb 2023 16:03

Tgt Ion:128 Resp: 9024

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.7	14.5
127	13.8	11.1	16.7



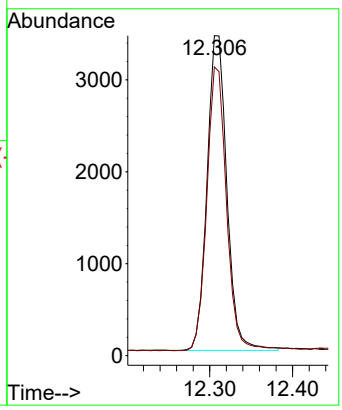


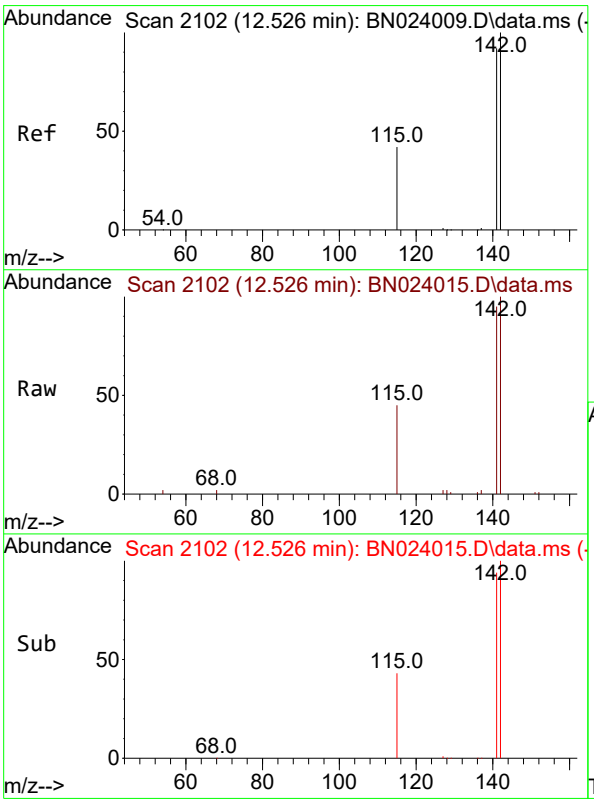
#7
2-Methylnaphthalene
Concen: 0.305 ng/ul
RT: 12.306 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN024015.D
Acq: 13 Feb 2023 16:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 5705

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.6	107.4

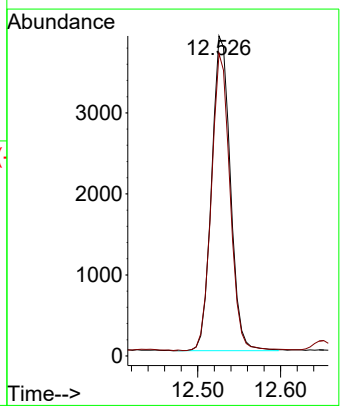


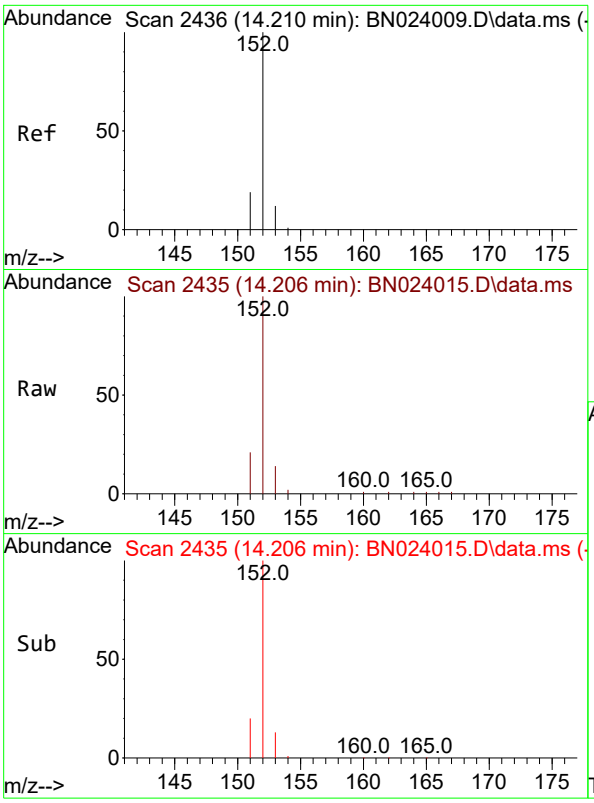


#8
1-Methylnaphthalene
Concen: 0.320 ng/ul
RT: 12.526 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BN024015.D
Acq: 13 Feb 2023 16:03

Tgt Ion:142 Resp: 6122

Ion	Ratio	Lower	Upper
142	100		
141	93.5	74.1	111.1



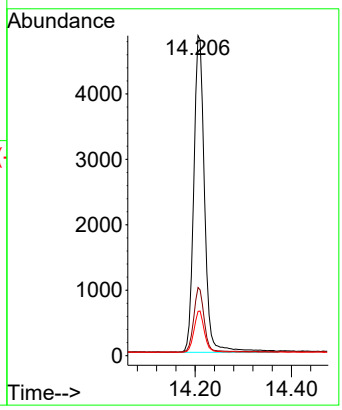


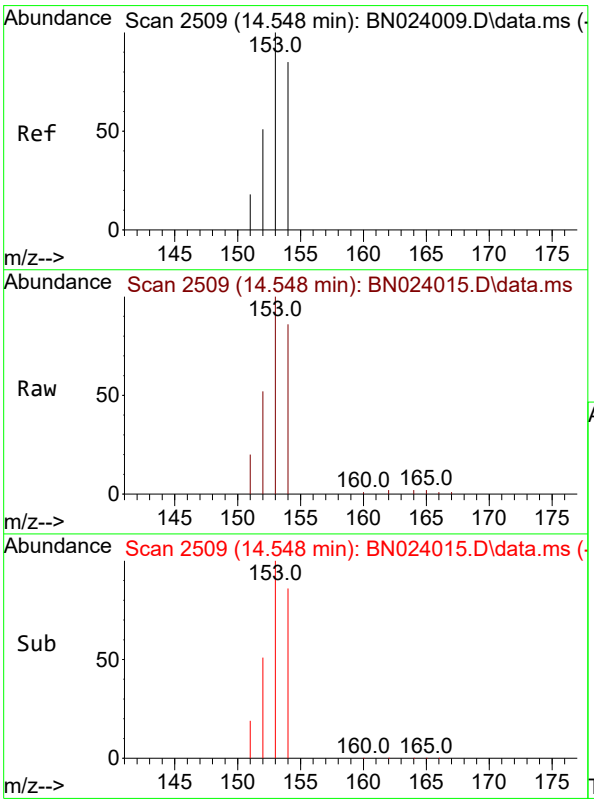
#10
Acenaphthylene
Concen: 0.315 ng/ul
RT: 14.206 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN024015.D
Acq: 13 Feb 2023 16:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 7600

Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.0	25.4
153	13.8	11.1	16.7

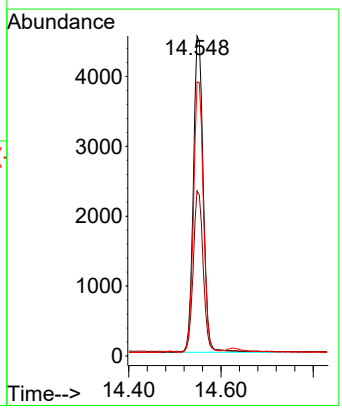


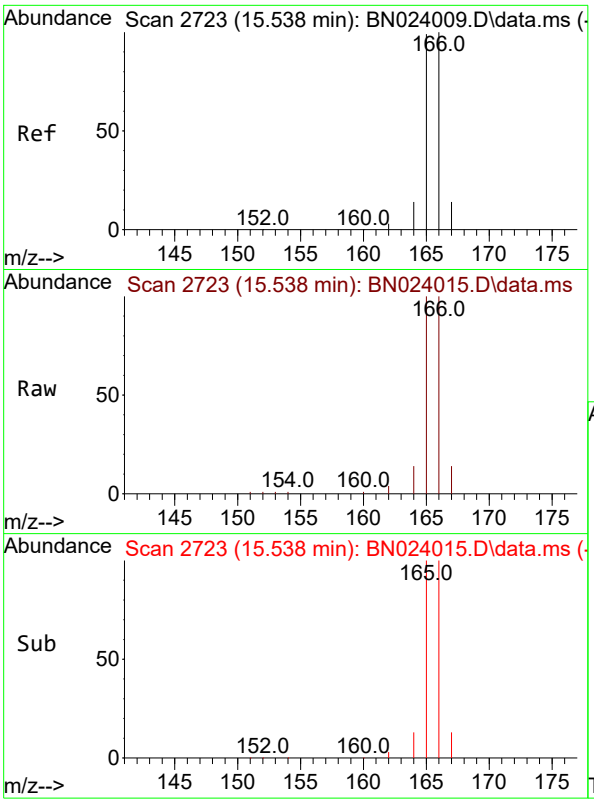


#11
Acenaphthene
Concen: 0.318 ng/ul
RT: 14.548 min Scan# 2509
Delta R.T. -0.000 min
Lab File: BN024015.D
Acq: 13 Feb 2023 16:03

Tgt Ion:153 Resp: 6742

Ion	Ratio	Lower	Upper
153	100		
152	51.6	39.6	59.4
154	85.7	68.8	103.2



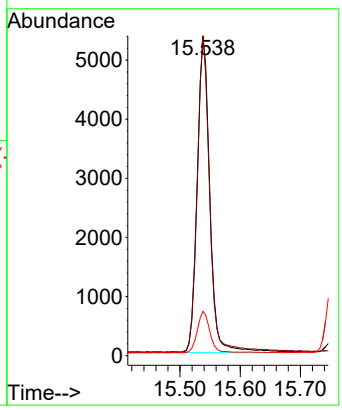


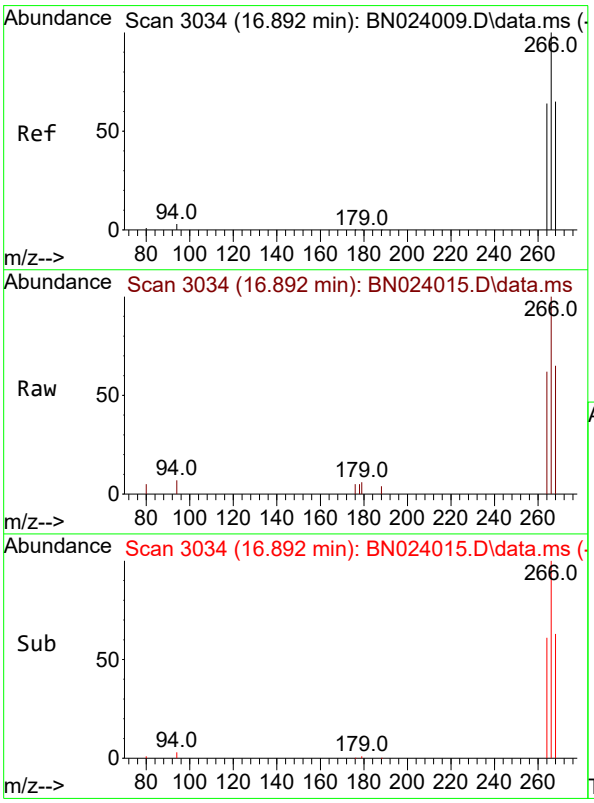
#12
Fluorene
Concen: 0.303 ng/ul
RT: 15.538 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN024015.D
Acq: 13 Feb 2023 16:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 7757

Ion	Ratio	Lower	Upper
166	100		
165	100.3	77.4	116.2
167	13.9	11.4	17.0

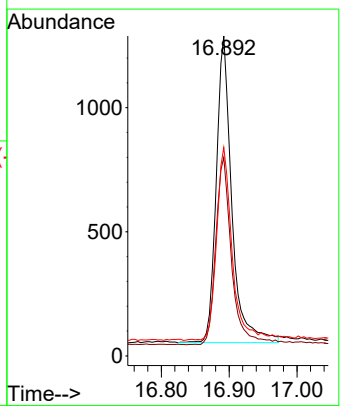


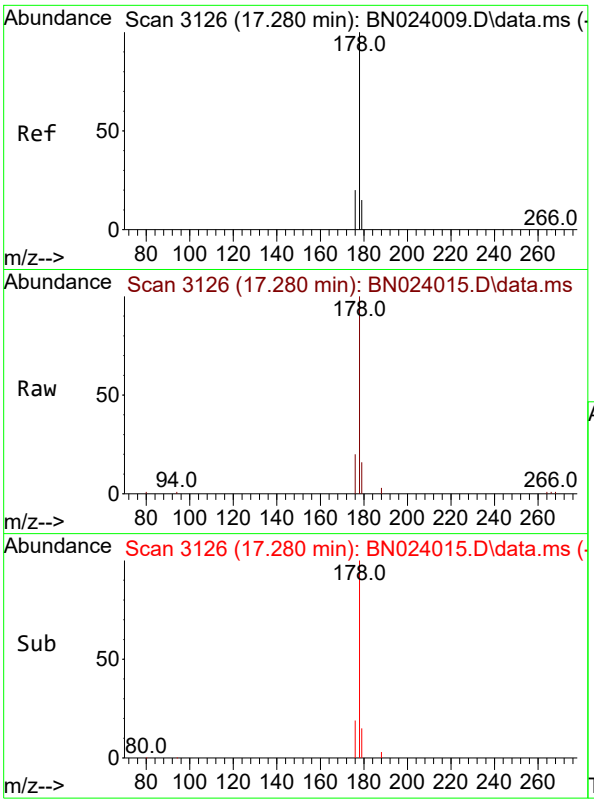


#14
Pentachlorophenol
Concen: 0.428 ng/ul
RT: 16.892 min Scan# 3034
Delta R.T. -0.000 min
Lab File: BN024015.D
Acq: 13 Feb 2023 16:03

Tgt Ion:266 Resp: 1971

Ion	Ratio	Lower	Upper
266	100		
264	62.4	49.4	74.0
268	62.8	52.0	78.0



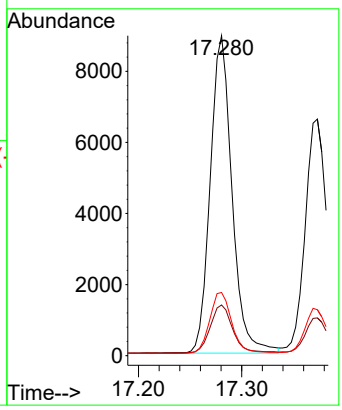


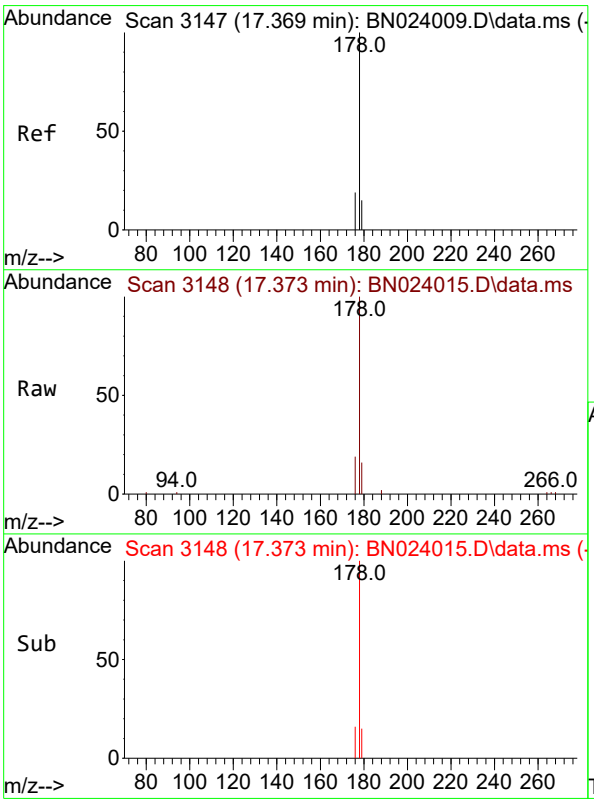
#15
Phenanthrene
Concen: 0.315 ng/ul
RT: 17.280 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN024015.D
Acq: 13 Feb 2023 16:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 13092

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	19.0
176	19.7	15.7	23.5

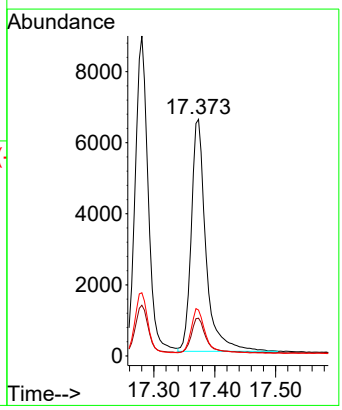


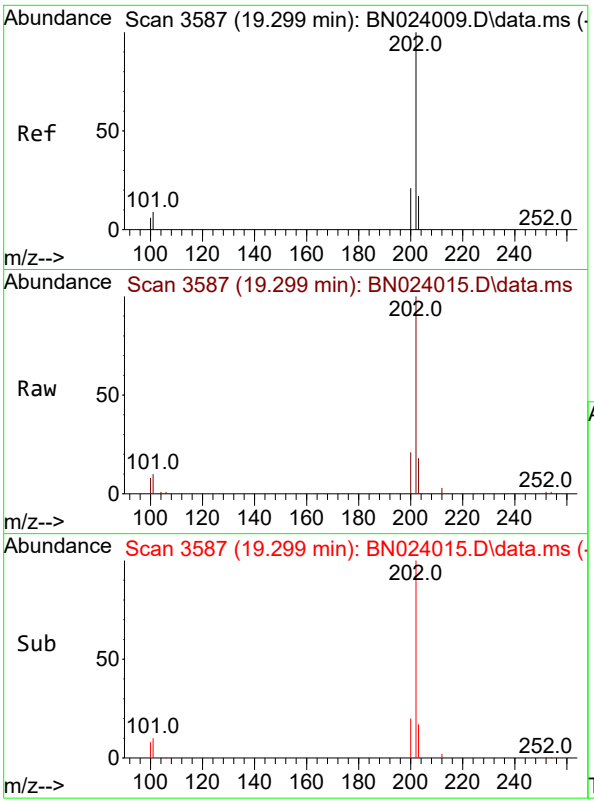


#16
Anthracene
Concen: 0.314 ng/ul
RT: 17.373 min Scan# 3148
Delta R.T. 0.004 min
Lab File: BN024015.D
Acq: 13 Feb 2023 16:03

Tgt Ion:178 Resp: 10916

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.4	20.0
176	19.4	15.4	23.2



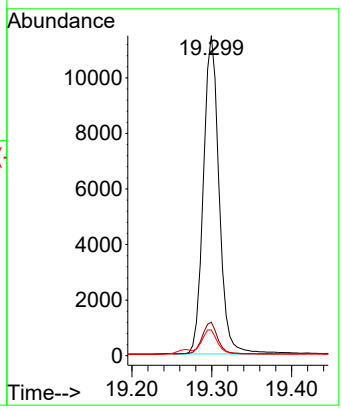


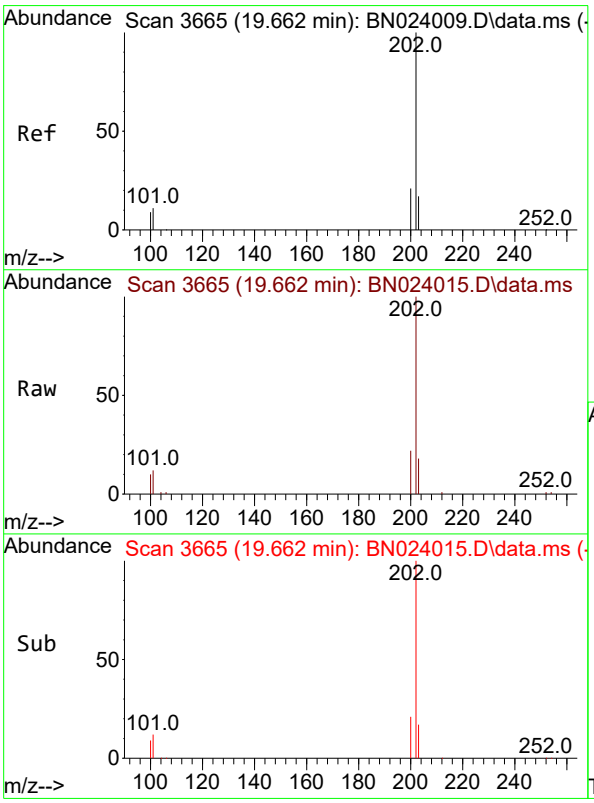
#19
Fluoranthene
Concen: 0.406 ng/ul
RT: 19.299 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN024015.D
Acq: 13 Feb 2023 16:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 15662

Ion	Ratio	Lower	Upper
202	100		
101	10.4	6.8	10.2#
100	8.0	5.2	7.8#

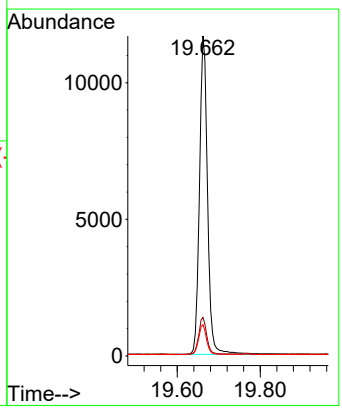


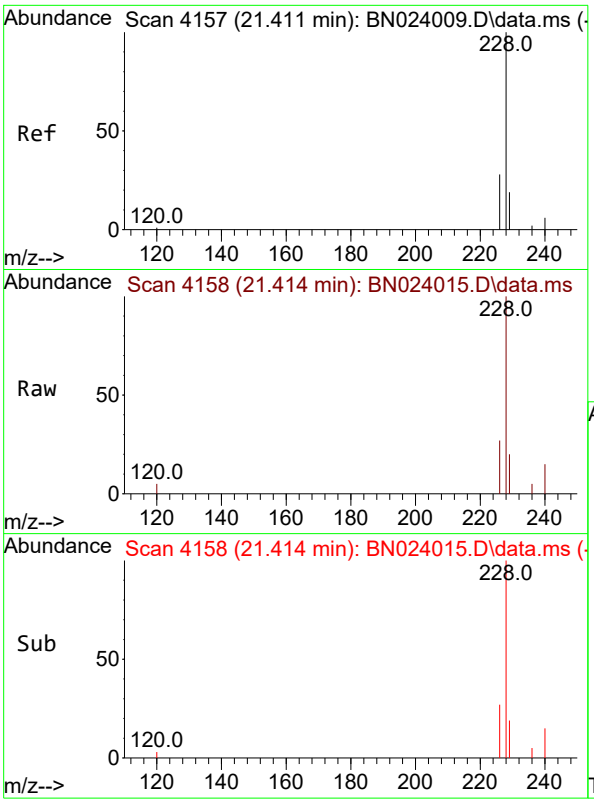


#20
Pyrene
Concen: 0.394 ng/ul
RT: 19.662 min Scan# 3665
Delta R.T. -0.000 min
Lab File: BN024015.D
Acq: 13 Feb 2023 16:03

Tgt Ion:202 Resp: 15729

Ion	Ratio	Lower	Upper
202	100		
101	12.1	8.1	12.1
100	9.8	6.2	9.4#



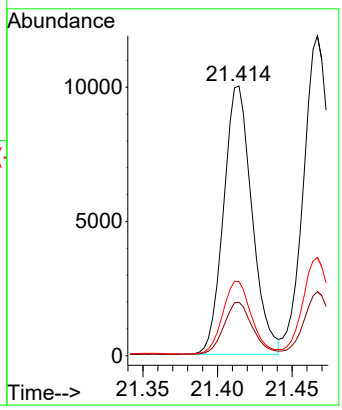


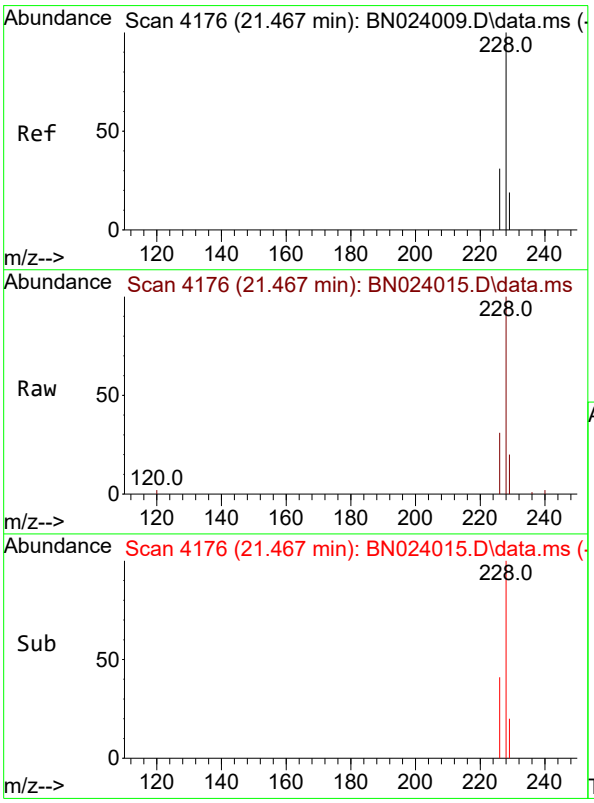
#21
Benzo(a)anthracene
Concen: 0.336 ng/ul
RT: 21.414 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN024015.D
Acq: 13 Feb 2023 16:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 13228

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.8	23.8
226	27.5	22.0	33.0

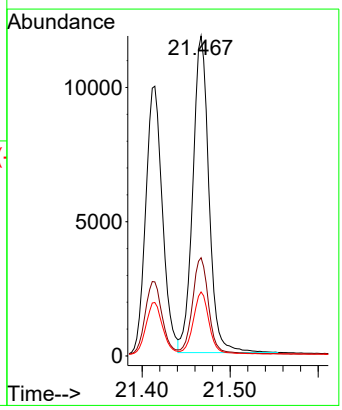


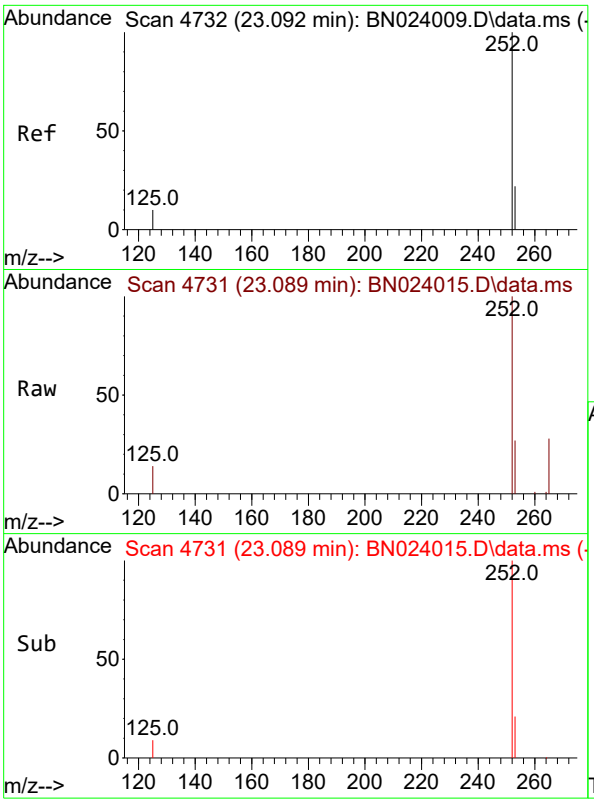


#22
Chrysene
Concen: 0.362 ng/ul
RT: 21.467 min Scan# 4176
Delta R.T. -0.000 min
Lab File: BN024015.D
Acq: 13 Feb 2023 16:03

Tgt Ion:228 Resp: 15035

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.2
229	20.0	15.5	23.3



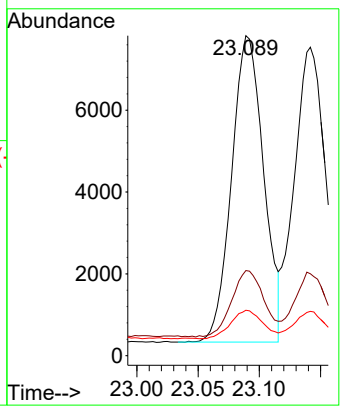


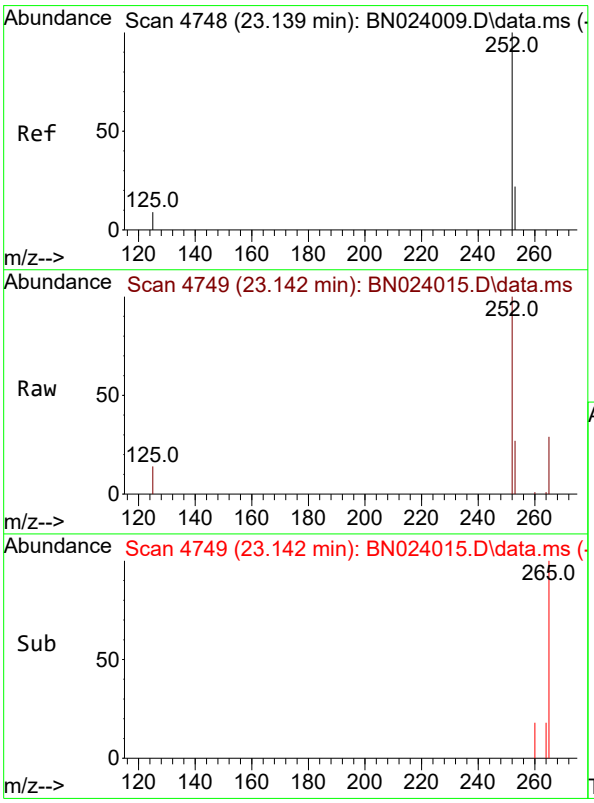
#24
Benzo(b)fluoranthene
Concen: 0.383 ng/ul
RT: 23.089 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN024015.D
Acq: 13 Feb 2023 16:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 13622

Ion	Ratio	Lower	Upper
252	100		
253	26.6	0.0	51.8
125	14.2	0.0	23.6

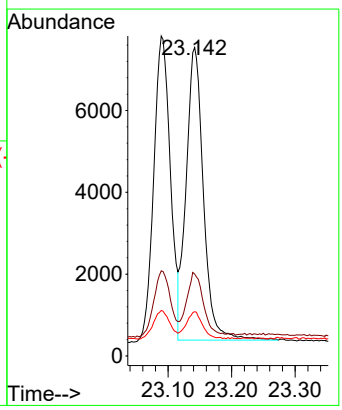


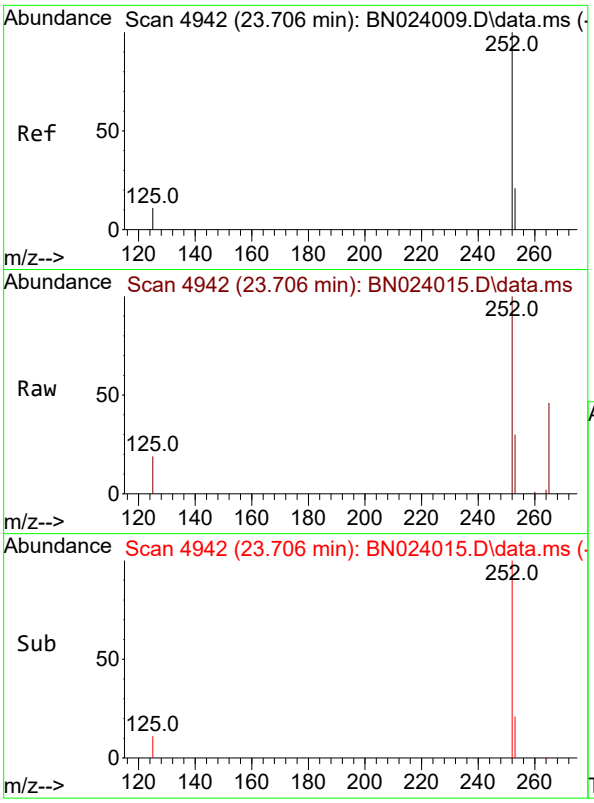


#25
Benzo(k)fluoranthene
Concen: 0.389 ng/ul
RT: 23.142 min Scan# 4749
Delta R.T. 0.003 min
Lab File: BN024015.D
Acq: 13 Feb 2023 16:03

Tgt Ion:252 Resp: 13539

Ion	Ratio	Lower	Upper
252	100		
253	26.6	20.2	30.2
125	14.4	9.0	13.4#



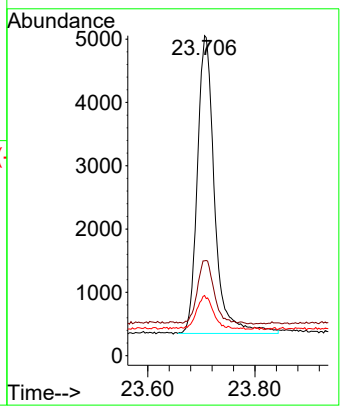


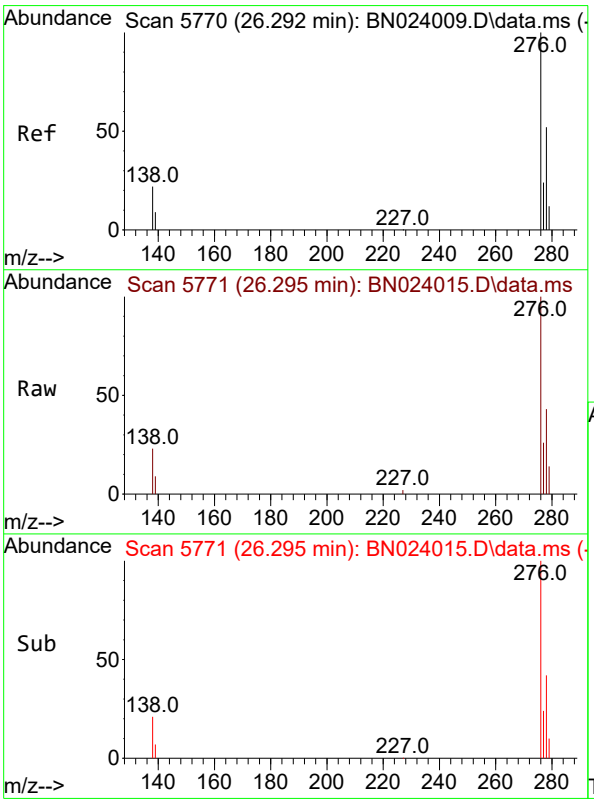
#26
Benzo(a)pyrene
Concen: 0.353 ng/ul
RT: 23.706 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN024015.D
Acq: 13 Feb 2023 16:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 10463

Ion	Ratio	Lower	Upper
252	100		
253	29.6	21.5	32.3
125	18.8	11.2	16.8#

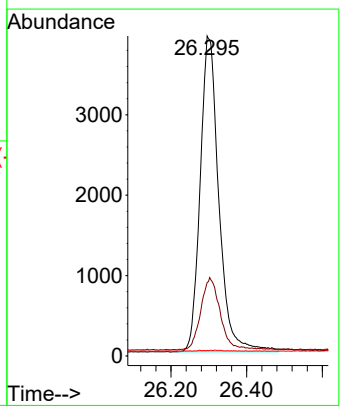


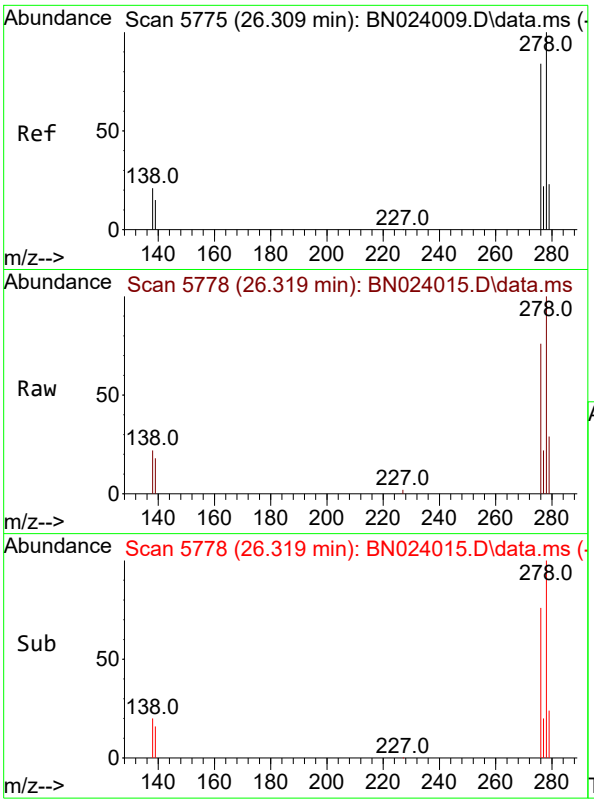


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.323 ng/ul
RT: 26.295 min Scan# 5771
Delta R.T. 0.003 min
Lab File: BN024015.D
Acq: 13 Feb 2023 16:03

Tgt Ion:276 Resp: 13444

Ion	Ratio	Lower	Upper
276	100		
138	23.9	17.0	25.6
227	0.1	0.2	0.4#



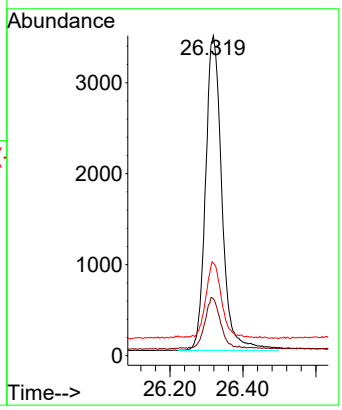


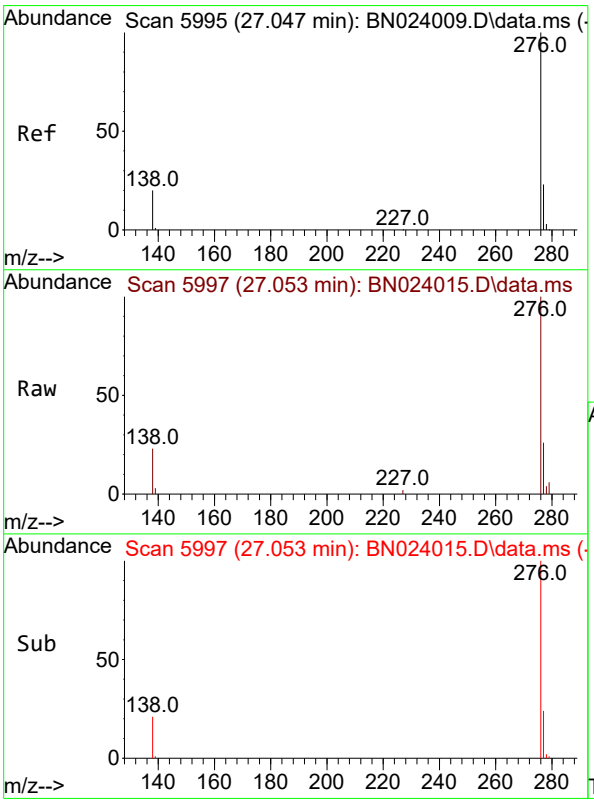
#28
Dibenzo(a,h)anthracene
Concen: 0.324 ng/ul
RT: 26.319 min Scan# 5
Delta R.T. 0.010 min
Lab File: BN024015.D
Acq: 13 Feb 2023 16:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 10773

Ion	Ratio	Lower	Upper
278	100		
139	17.7	12.3	18.5
279	28.8	21.4	32.0





#29
Benzo(g,h,i)perylene
Concen: 0.343 ng/ul
RT: 27.053 min Scan# 5997
Delta R.T. 0.007 min
Lab File: BN024015.D
Acq: 13 Feb 2023 16:03

Tgt Ion:276 Resp: 11724

Ion	Ratio	Lower	Upper
276	100		
138	22.7	15.3	22.9
277	25.5	19.9	29.9