Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021822\
Data File : BN018654.D
Acq On : 18 Feb 2022 13:55
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SICV208

Quant Time: Feb 18 14:51:09 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN021822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 18 13:39:55 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	6636	0.400	ng/ul	0.00
4) Naphthalene-d8	10.725	136	16474	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.551	164	7970	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.291	188	14503	0.400	ng/ul	0.00
17) Chrysene-d12	21.472	240	12339	0.400	ng/ul	# 0.00
23) Perylene-d12	23.872	264	11466	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.288	96	2704	0.359	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.314	152	8462	0.376	ng/ul	0.00
18) Fluoranthene-d10	19.316	212	13696	0.372	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.326	88	3005	0.389	ng/ul#	84
5) Naphthalene	10.774	128	17753	0.381	ng/ul	99
7) 2-Methylnaphthalene	12.385	142	11459	0.381	ng/ul	100
8) 1-Methylnaphthalene	12.605	142	10651	0.355	ng/ul	100
10) Acenaphthylene	14.273	152	14202	0.395	ng/ul	100
11) Acenaphthene	14.616	153	10862	0.377	ng/ul	99
12) Fluorene	15.596	166	11536	0.373	ng/ul	98
14) Pentachlorophenol	16.945	266	1150	0.389	ng/ul	99
15) Phenanthrene	17.333	178	17731	0.372	ng/ul	99
16) Anthracene	17.422	178	15650	0.367	ng/ul	99
19) Fluoranthene	19.348	202	18801	0.363	ng/ul#	96
20) Pyrene	19.711	202	19197	0.359	ng/ul	96
21) Benzo(a)anthracene	21.458	228	17054	0.357	ng/ul	99
22) Chrysene	21.510	228	18644	0.374	ng/ul	100
24) Benzo(b)fluoranthene	23.138	252	19059	0.374	ng/ul	95
25) Benzo(k)fluoranthene	23.188	252	19041	0.374	ng/ul#	95
26) Benzo(a)pyrene	23.767	252	17976	0.400	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.365	276	21385	0.373	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.379	278	17272	0.384	ng/ul#	63
29) Benzo(g,h,i)perylene	27.126	276	18412	0.375	ng/ul#	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021822\
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BNA_N
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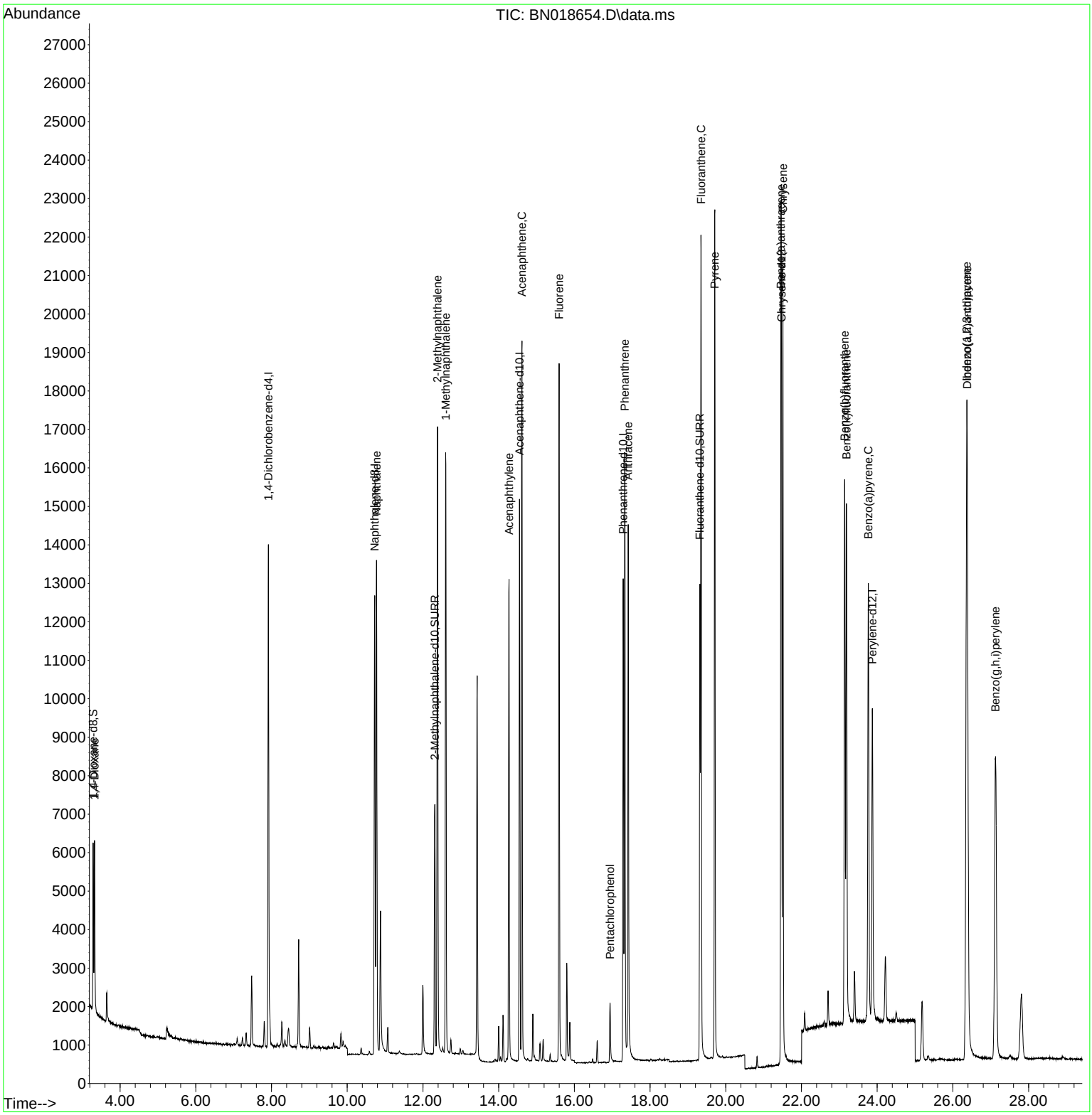
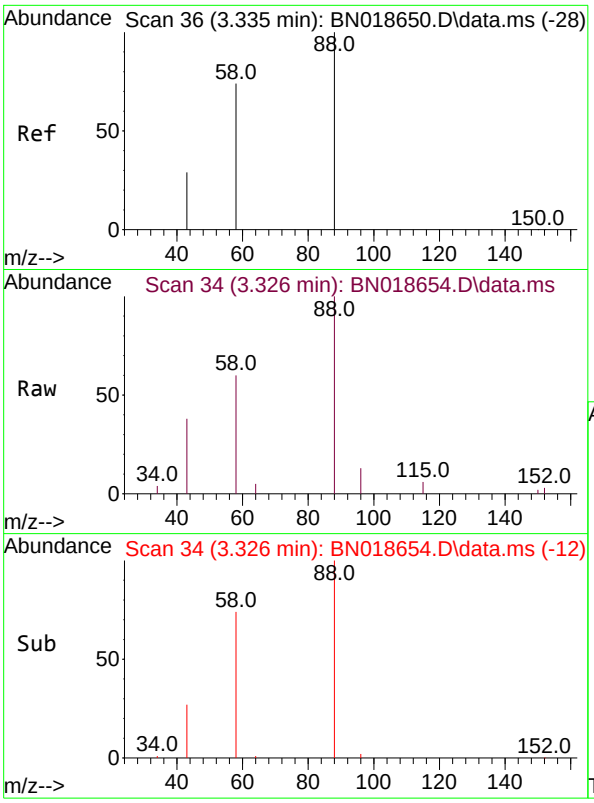
Quant Time: Feb 18 14:51:09 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN021822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 18 13:39:55 2022
Response via : Initial Calibration



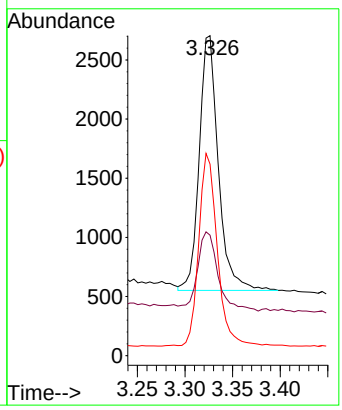


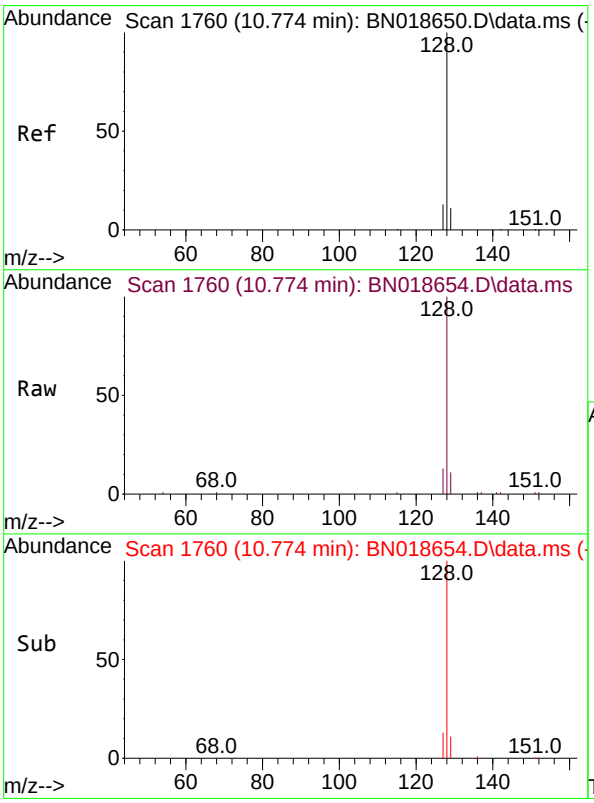
#2
1,4-Dioxane
Concen: 0.389 ng/ul
RT: 3.326 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN018654.D
Acq: 18 Feb 2022 13:55

Instrument :
BNA_N
ClientSampleId :
SICV208

Tgt Ion: 88 Resp: 3005

Ion	Ratio	Lower	Upper
88	100		
43	37.6	47.8	71.8#
58	59.9	46.2	69.2

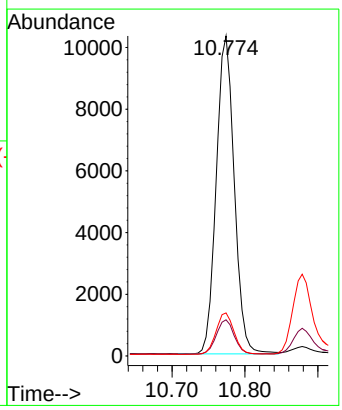


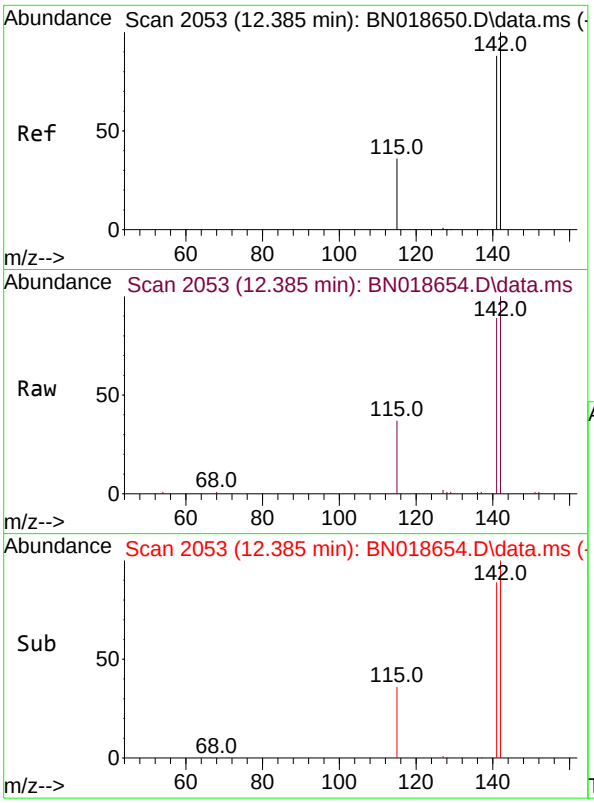


#5
Naphthalene
Concen: 0.381 ng/ul
RT: 10.774 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BN018654.D
Acq: 18 Feb 2022 13:55

Tgt Ion:128 Resp: 17753

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.0
127	13.5	11.0	16.6



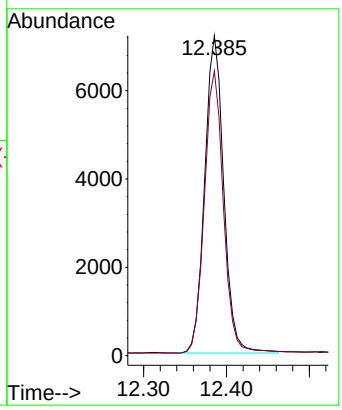


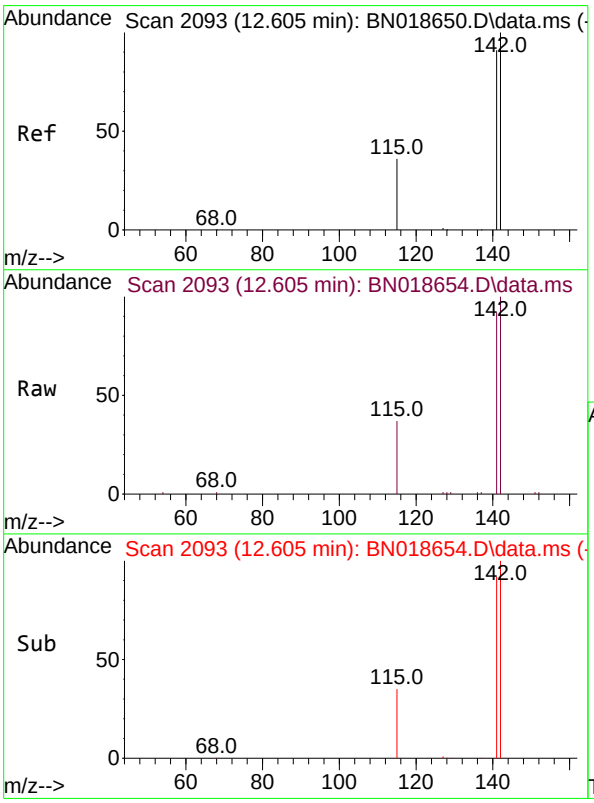
#7
2-Methylnaphthalene
Concen: 0.381 ng/ul
RT: 12.385 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018654.D
Acq: 18 Feb 2022 13:55

Instrument :
BNA_N
ClientSampleId :
SICV208

Tgt Ion:142 Resp: 11459

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.9	106.3

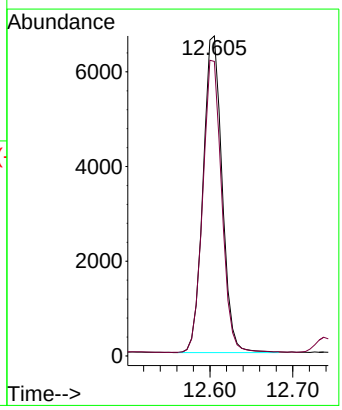


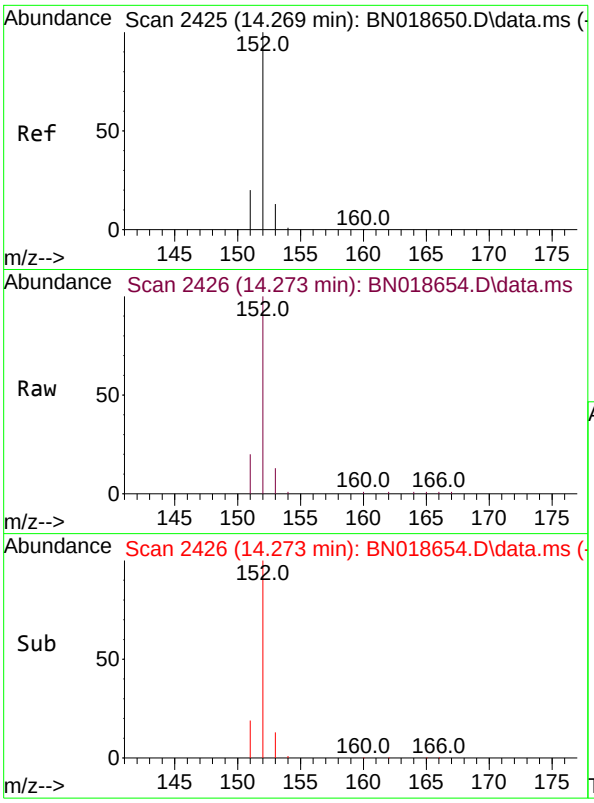


#8
1-Methylnaphthalene
Concen: 0.355 ng/ul
RT: 12.605 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN018654.D
Acq: 18 Feb 2022 13:55

Tgt Ion:142 Resp: 10651

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.2	109.8



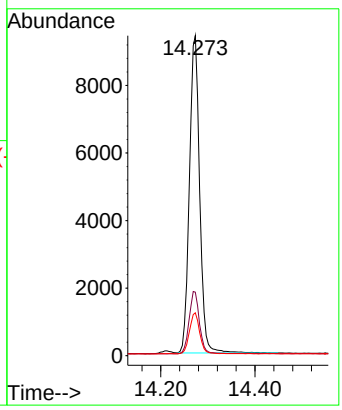


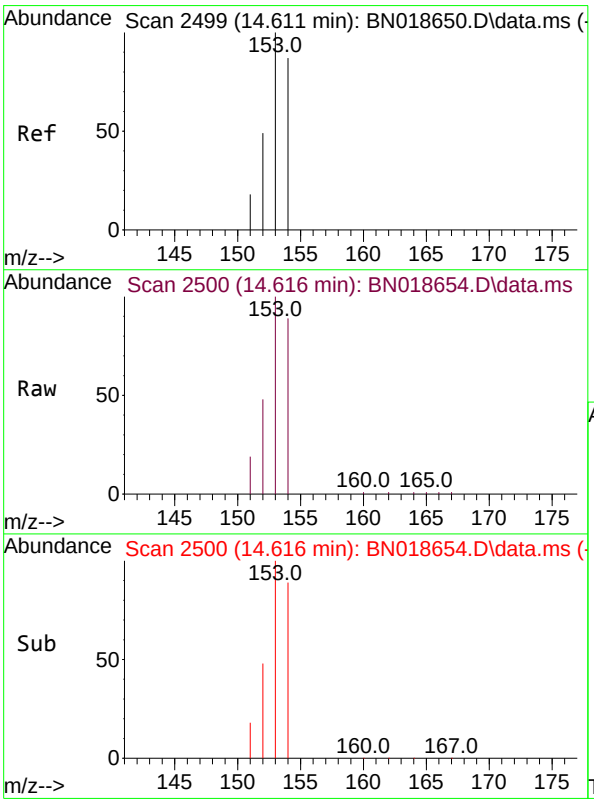
#10
Acenaphthylene
Concen: 0.395 ng/ul
RT: 14.273 min Scan# 24
Delta R.T. 0.005 min
Lab File: BN018654.D
Acq: 18 Feb 2022 13:55

Instrument :
BNA_N
ClientSampleId :
SICV208

Tgt Ion:152 Resp: 14202

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	13.4	10.7	16.1

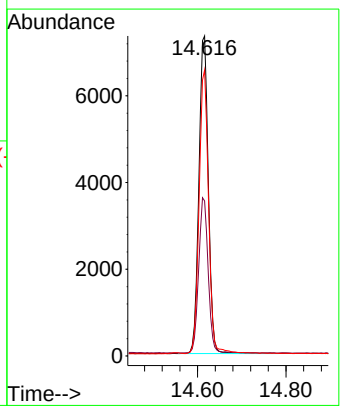


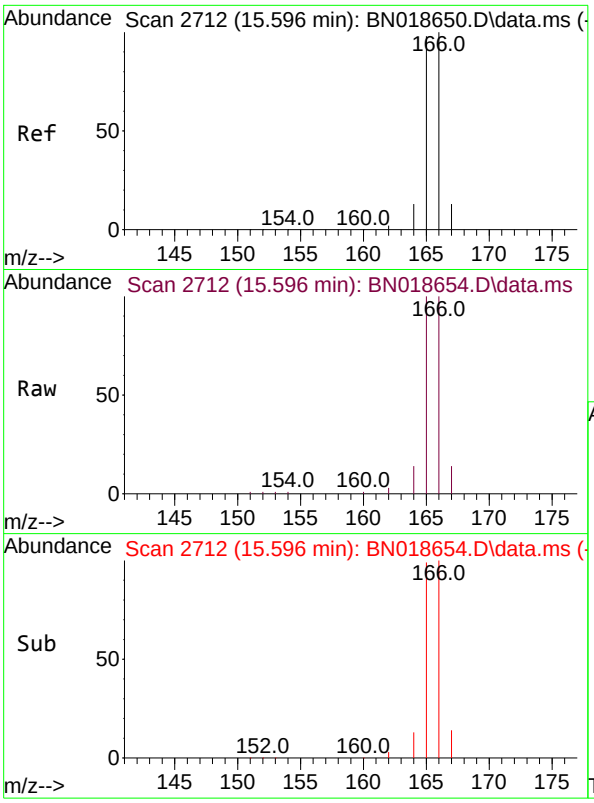


#11
Acenaphthene
Concen: 0.377 ng/ul
RT: 14.616 min Scan# 2500
Delta R.T. 0.005 min
Lab File: BN018654.D
Acq: 18 Feb 2022 13:55

Tgt Ion:153 Resp: 10862

Ion	Ratio	Lower	Upper
153	100		
152	48.4	39.7	59.5
154	89.3	70.9	106.3



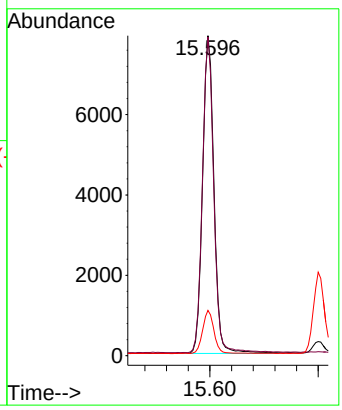


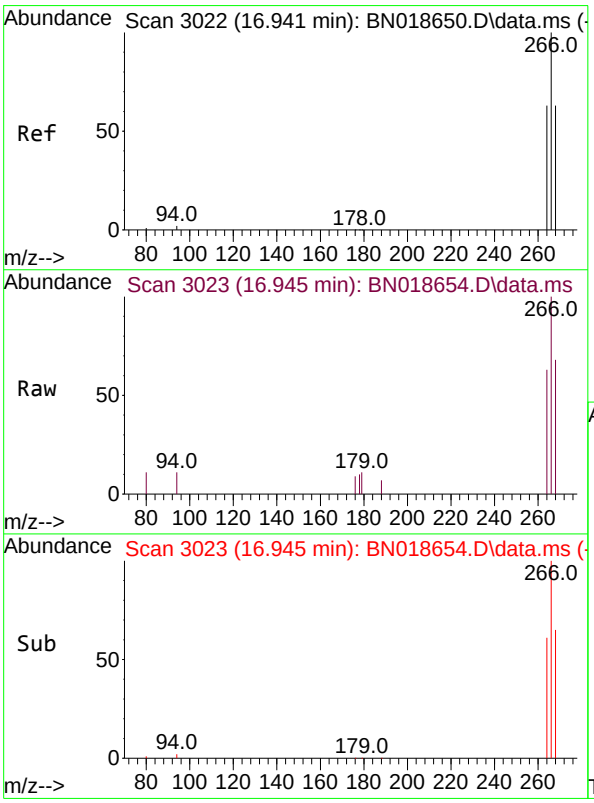
#12
Fluorene
Concen: 0.373 ng/ul
RT: 15.596 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018654.D
Acq: 18 Feb 2022 13:55

Instrument :
BNA_N
ClientSampleId :
SICV208

Tgt Ion:166 Resp: 11536

Ion	Ratio	Lower	Upper
166	100		
165	99.6	77.8	116.6
167	14.2	11.6	17.4

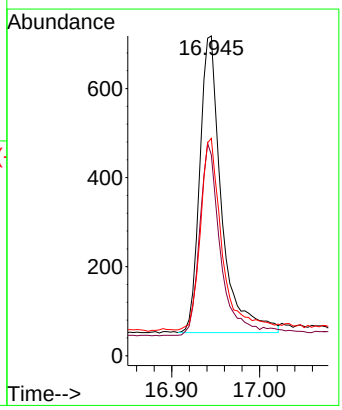


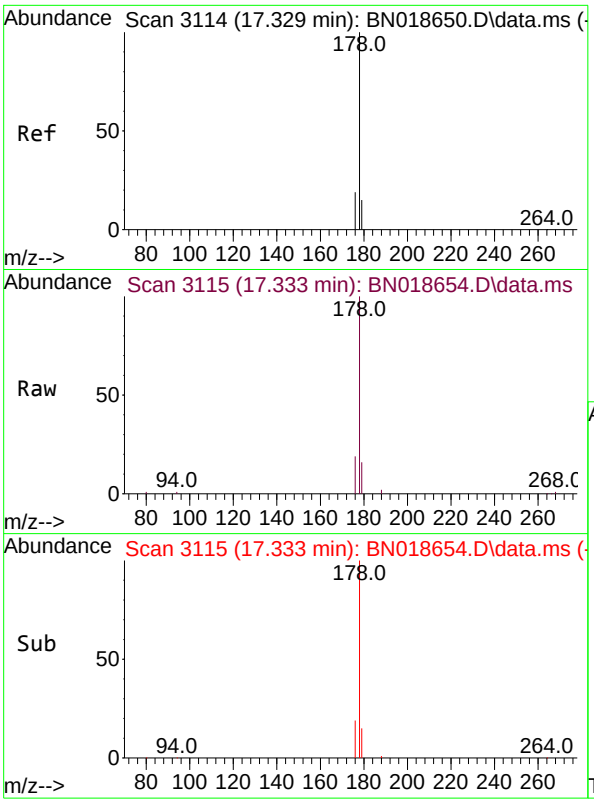


#14
Pentachlorophenol
Concen: 0.389 ng/ul
RT: 16.945 min Scan# 3023
Delta R.T. 0.004 min
Lab File: BN018654.D
Acq: 18 Feb 2022 13:55

Tgt Ion:266 Resp: 1150

Ion	Ratio	Lower	Upper
266	100		
264	62.7	49.9	74.9
268	63.8	51.7	77.5



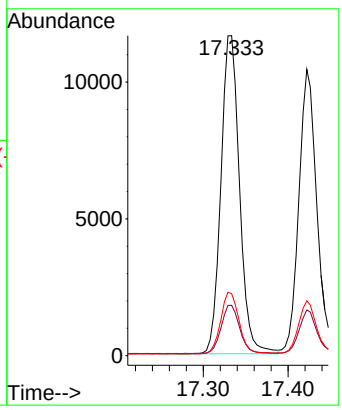


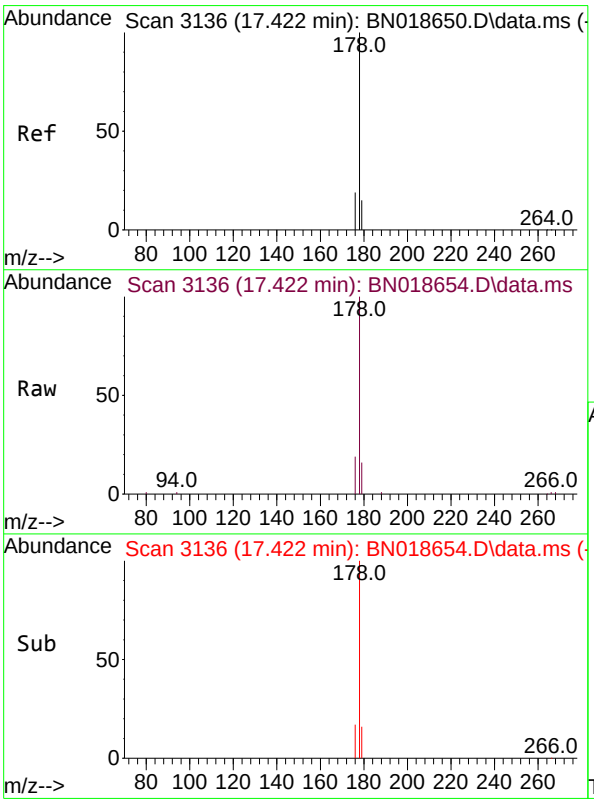
#15
Phenanthrene
Concen: 0.372 ng/ul
RT: 17.333 min Scan# 3
Delta R.T. 0.004 min
Lab File: BN018654.D
Acq: 18 Feb 2022 13:55

Instrument :
BNA_N
ClientSampleId :
SICV208

Tgt Ion:178 Resp: 17731

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.4
176	19.4	15.4	23.2

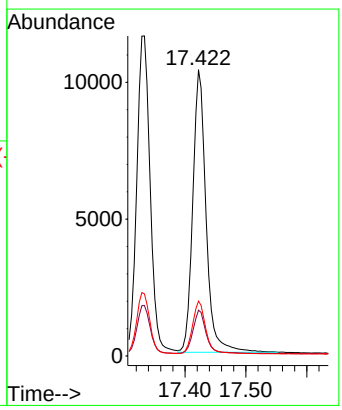


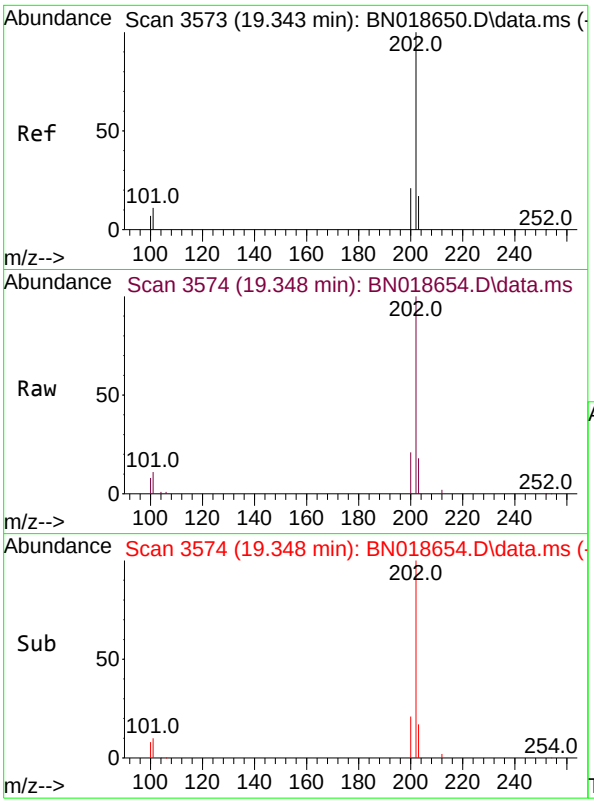


#16
Anthracene
Concen: 0.367 ng/ul
RT: 17.422 min Scan# 3136
Delta R.T. 0.000 min
Lab File: BN018654.D
Acq: 18 Feb 2022 13:55

Tgt Ion:178 Resp: 15650

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	19.2	15.5	23.3



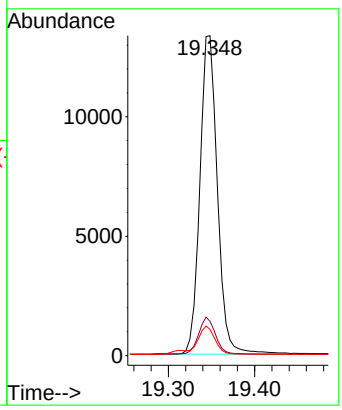


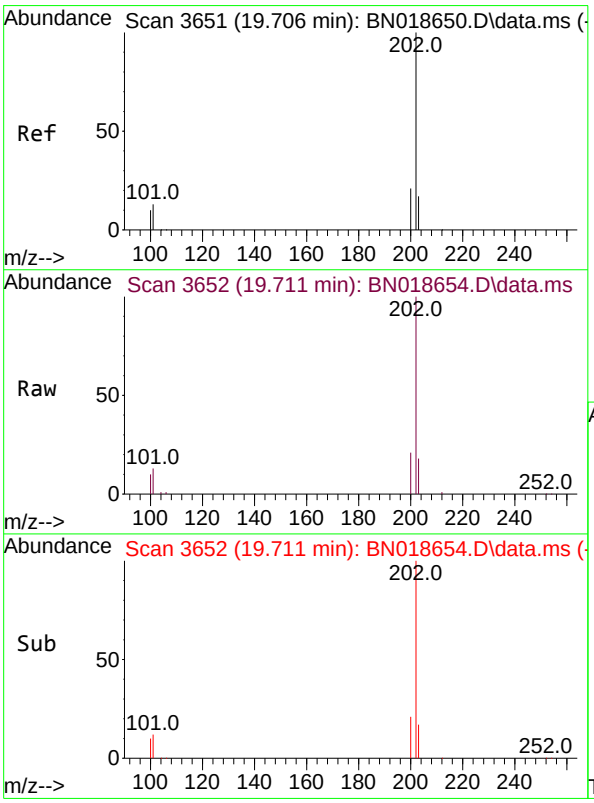
#19
Fluoranthene
Concen: 0.363 ng/ul
RT: 19.348 min Scan# 3
Delta R.T. 0.005 min
Lab File: BN018654.D
Acq: 18 Feb 2022 13:55

Instrument :
BNA_N
ClientSampleId :
SICV208

Tgt Ion:202 Resp: 18801

Ion	Ratio	Lower	Upper
202	100		
101	10.7	7.5	11.3
100	8.2	5.4	8.2#

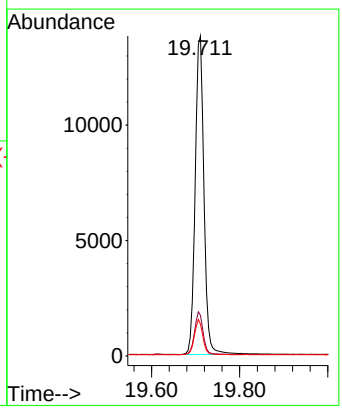


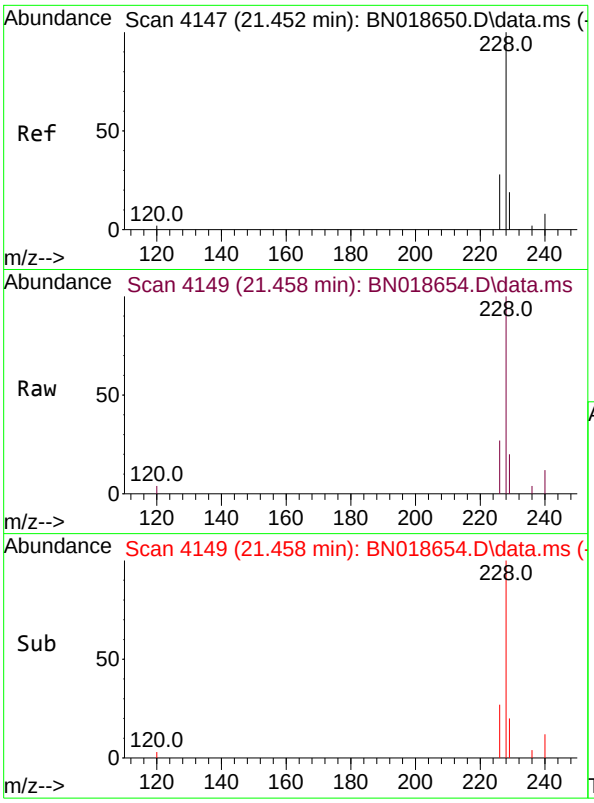


#20
Pyrene
Concen: 0.359 ng/ul
RT: 19.711 min Scan# 3652
Delta R.T. 0.005 min
Lab File: BN018654.D
Acq: 18 Feb 2022 13:55

Tgt Ion:202 Resp: 19197

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.0	13.4
100	9.9	7.0	10.4



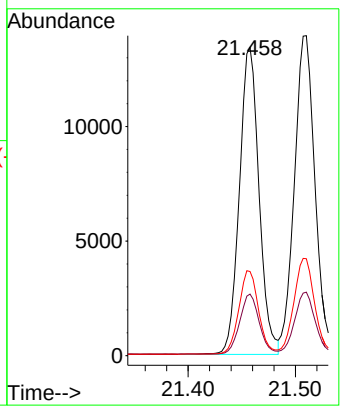


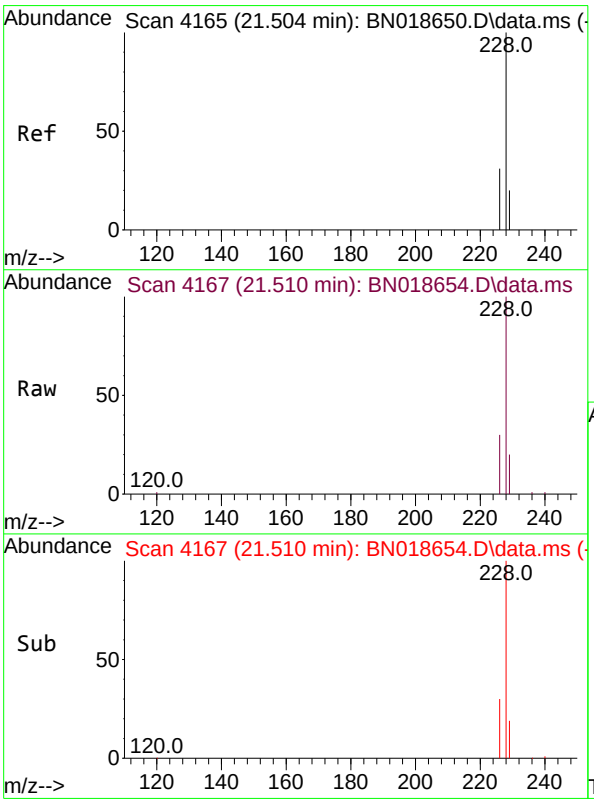
#21
Benzo(a)anthracene
Concen: 0.357 ng/ul
RT: 21.458 min Scan# 41
Delta R.T. 0.006 min
Lab File: BN018654.D
Acq: 18 Feb 2022 13:55

Instrument :
BNA_N
ClientSampleId :
SICV208

Tgt Ion:228 Resp: 17054

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.6	23.4
226	27.3	22.1	33.1

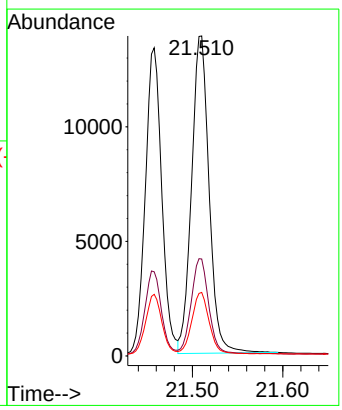


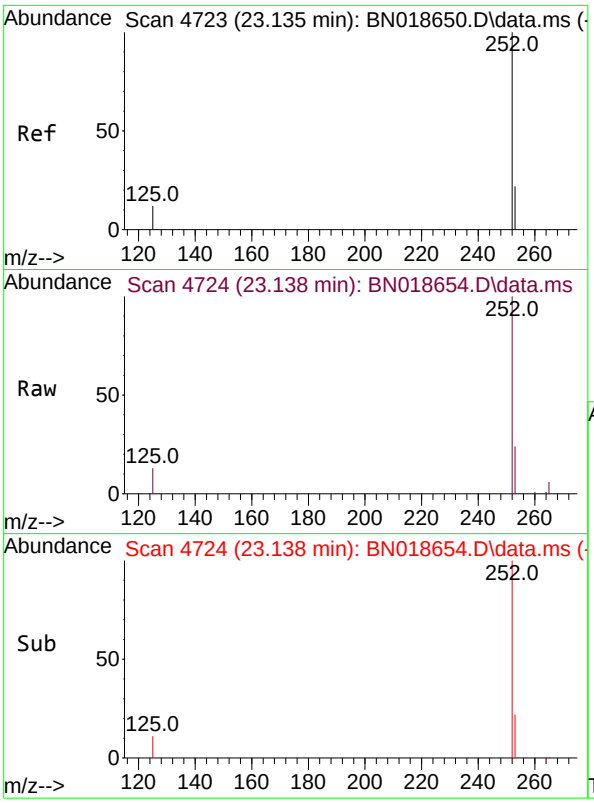


#22
Chrysene
Concen: 0.374 ng/ul
RT: 21.510 min Scan# 4167
Delta R.T. 0.006 min
Lab File: BN018654.D
Acq: 18 Feb 2022 13:55

Tgt Ion:228 Resp: 18644

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	19.9	15.7	23.5



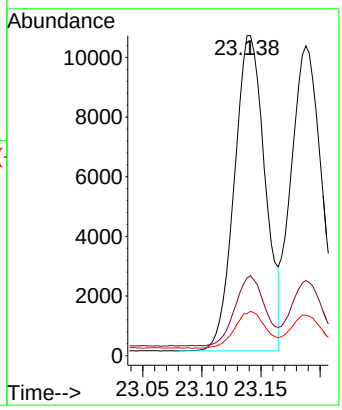


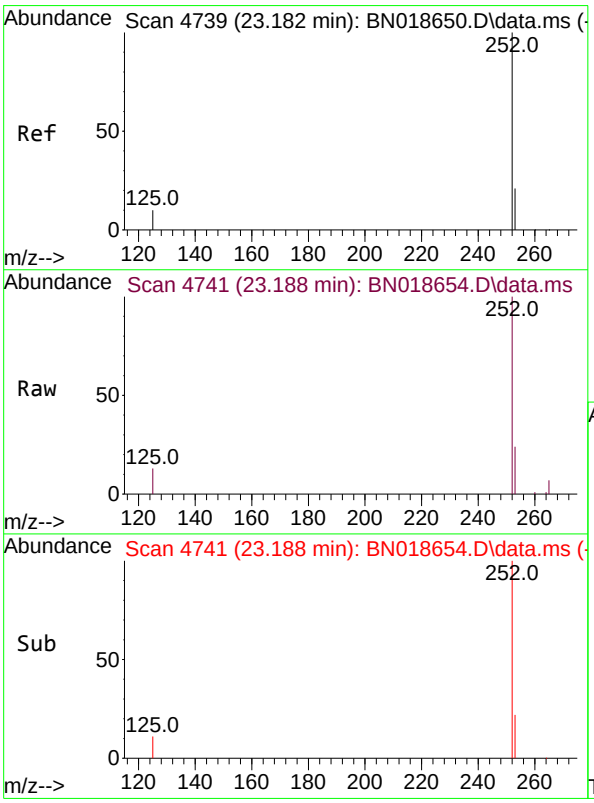
#24
Benzo(b)fluoranthene
Concen: 0.374 ng/ul
RT: 23.138 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN018654.D
Acq: 18 Feb 2022 13:55

Instrument :
BNA_N
ClientSampleId :
SICV208

Tgt Ion:252 Resp: 19059

Ion	Ratio	Lower	Upper
252	100		
253	24.3	0.0	46.4
125	13.2	0.0	17.8

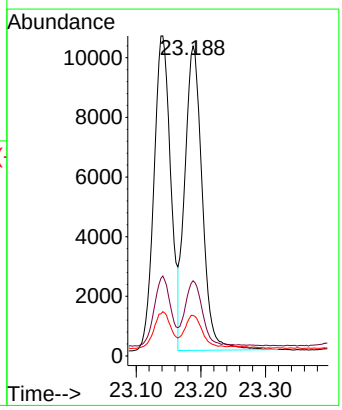


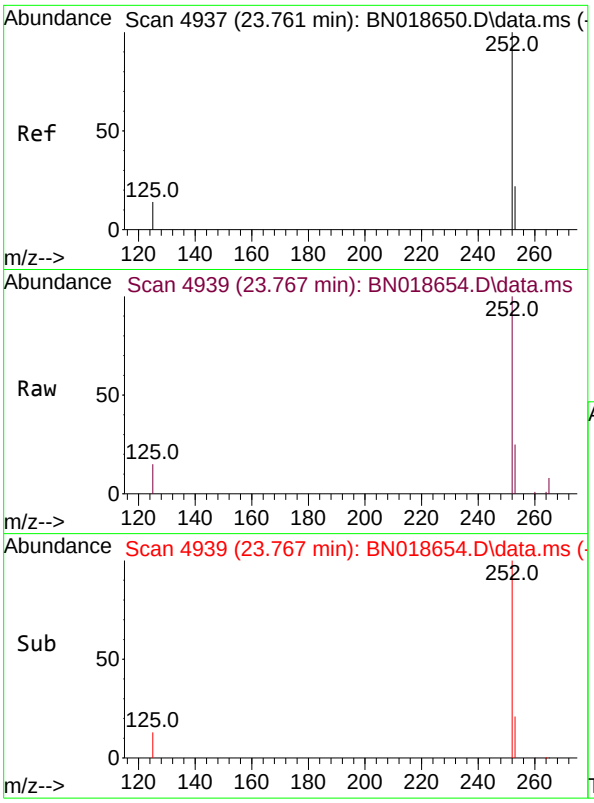


#25
Benzo(k)fluoranthene
Concen: 0.374 ng/ul
RT: 23.188 min Scan# 4741
Delta R.T. 0.006 min
Lab File: BN018654.D
Acq: 18 Feb 2022 13:55

Tgt Ion:252 Resp: 19041

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.6	28.0
125	13.0	7.3	10.9#



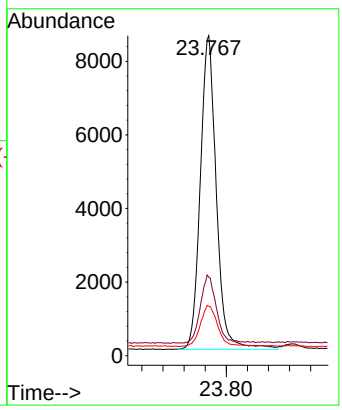


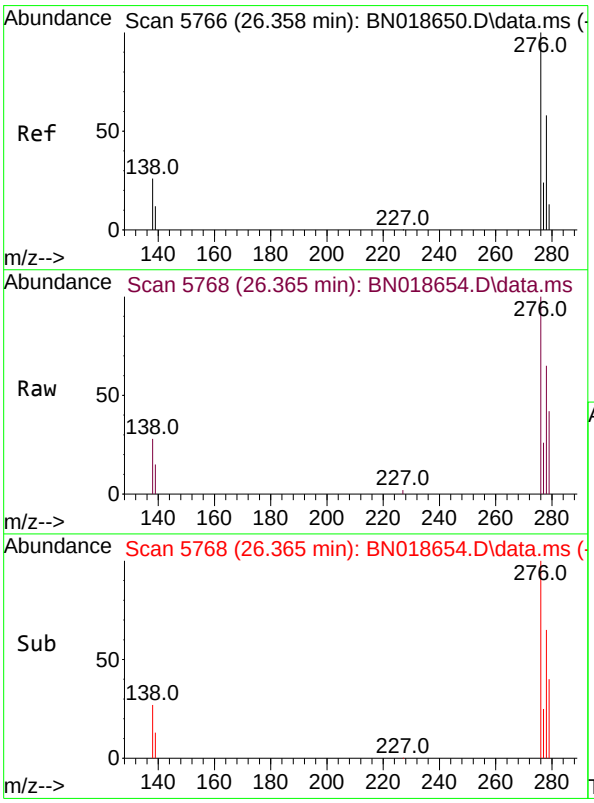
#26
Benzo(a)pyrene
Concen: 0.400 ng/ul
RT: 23.767 min Scan# 4
Delta R.T. 0.006 min
Lab File: BN018654.D
Acq: 18 Feb 2022 13:55

Instrument :
BNA_N
ClientSampleId :
SICV208

Tgt Ion:252 Resp: 17976

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.9	28.3
125	15.4	8.2	12.2#

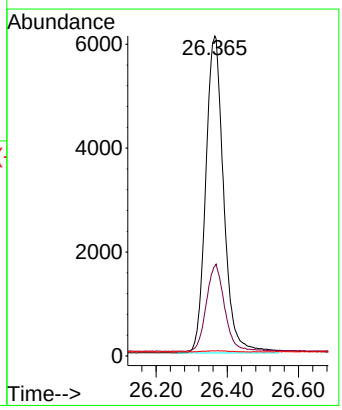


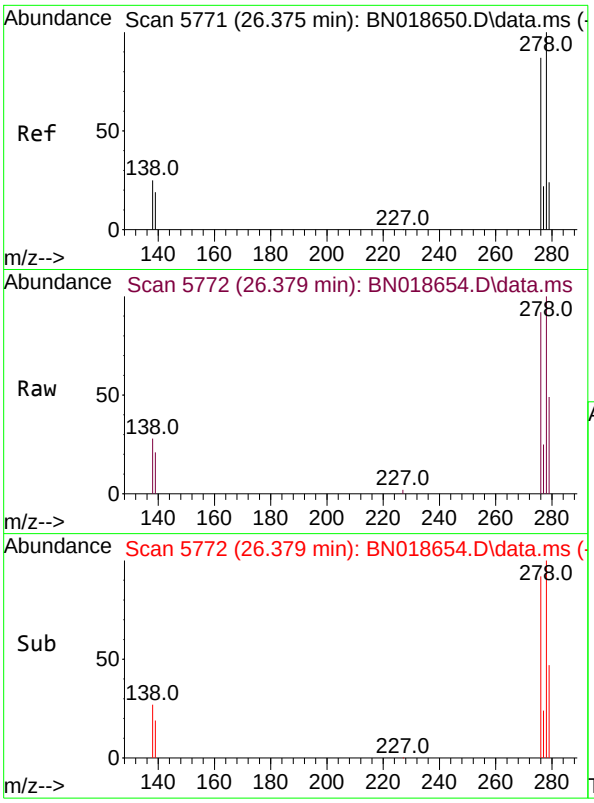


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.373 ng/ul
RT: 26.365 min Scan# 5768
Delta R.T. 0.007 min
Lab File: BN018654.D
Acq: 18 Feb 2022 13:55

Tgt Ion:276 Resp: 21385

Ion	Ratio	Lower	Upper
276	100		
138	28.0	16.5	24.7#
227	0.2	0.1	0.1#



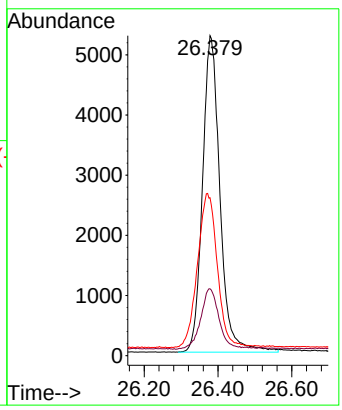


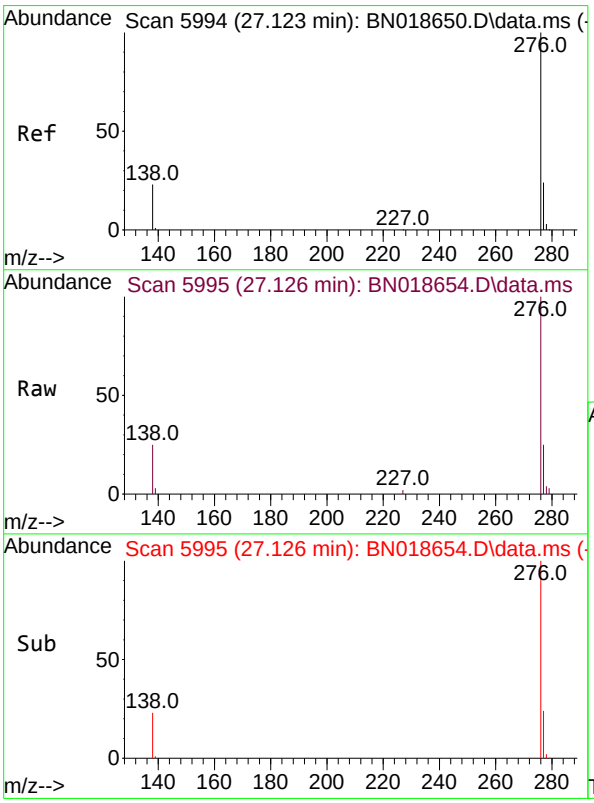
#28
Dibenzo(a,h)anthracene
Concen: 0.384 ng/ul
RT: 26.379 min Scan# 5
Delta R.T. 0.004 min
Lab File: BN018654.D
Acq: 18 Feb 2022 13:55

Instrument :
BNA_N
ClientSampleId :
SICV208

Tgt Ion:278 Resp: 17272

Ion	Ratio	Lower	Upper
278	100		
139	20.9	11.9	17.9#
279	49.4	19.5	29.3#





#29
Benzo(g,h,i)perylene
Concen: 0.375 ng/ul
RT: 27.126 min Scan# 5995
Delta R.T. 0.004 min
Lab File: BN018654.D
Acq: 18 Feb 2022 13:55

Tgt Ion:276 Resp: 18412

Ion	Ratio	Lower	Upper
276	100		
138	24.5	14.4	21.6#
277	24.9	19.2	28.8