Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052322\
Data File : BN019914.D
Acq On : 23 May 2022 14:08
Operator : CG/JU
Sample : SSTD3.242
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD3.2242

Quant Time: May 23 14:38:27 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 23 13:50:36 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	3458	0.400	ng/ul	0.00
4) Naphthalene-d8	10.643	136	12035	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.477	164	7102	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.216	188	14338	0.400	ng/ul	0.00
17) Chrysene-d12	21.400	240	12709	0.400	ng/ul	0.00
23) Perylene-d12	23.735	264	10055	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	10220	2.497	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.227	152	63637	3.494	ng/ul	0.00
18) Fluoranthene-d10	19.242	212	137911	3.429	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.349	88	10833	2.493	ng/ul#	69
5) Naphthalene	10.687	128	104104	2.672	ng/ul	98
7) 2-Methylnaphthalene	12.304	142	70564	2.973	ng/ul#	100
8) 1-Methylnaphthalene	12.519	142	74423	3.385	ng/ul#	100
10) Acenaphthylene	14.195	152	116994	3.330	ng/ul	98
11) Acenaphthene	14.537	153	76491	2.710	ng/ul	100
12) Fluorene	15.523	166	88593	2.860	ng/ul	99
14) Pentachlorophenol	16.869	266	10189	3.303	ng/ul	90
15) Phenanthrene	17.254	178	141978	2.692	ng/ul	99
16) Anthracene	17.346	178	139141	3.234	ng/ul	98
19) Fluoranthene	19.270	202	168826	2.902	ng/ul	99
20) Pyrene	19.632	202	168761	2.906	ng/ul	99
21) Benzo(a)anthracene	21.382	228	148882	3.134	ng/ul	99
22) Chrysene	21.435	228	145332	2.596	ng/ul	100
24) Benzo(b)fluoranthene	23.027	252	130664	2.561	ng/ul	88
25) Benzo(k)fluoranthene	23.074	252	124357	2.530	ng/ul	94
26) Benzo(a)pyrene	23.636	252	120425	2.771	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	26.141	276	125925	2.323	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.154	278	103815	2.291	ng/ul#	78
29) Benzo(g,h,i)perylene	26.879	276	106238	2.144	ng/ul	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052322\
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Operator : CG/JU
Sample : SSTD3.242
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Quant Time: May 23 14:38:27 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
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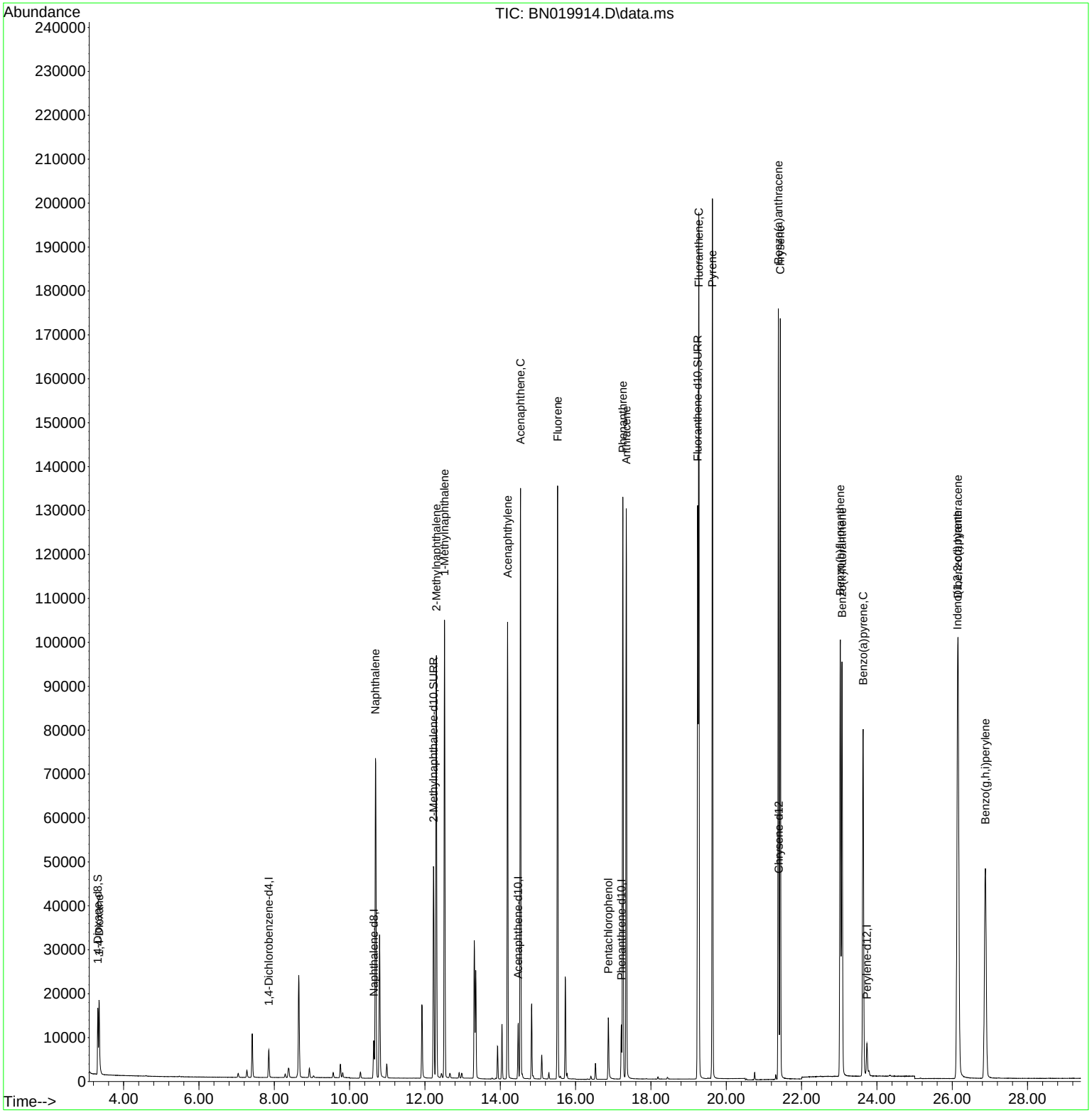
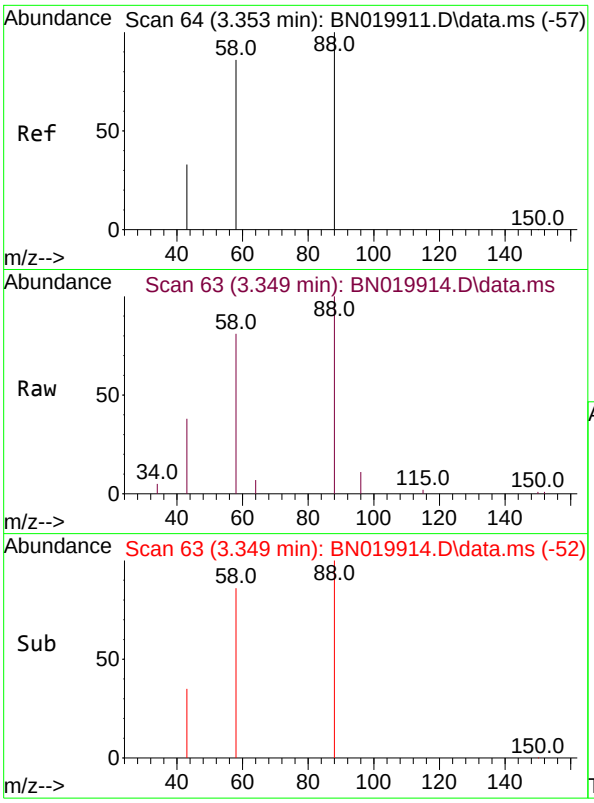


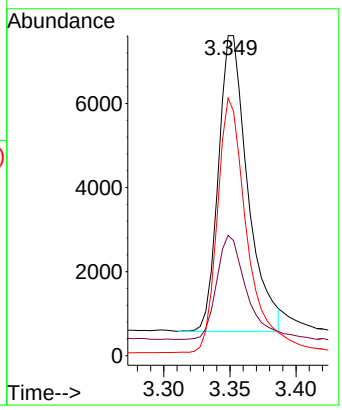


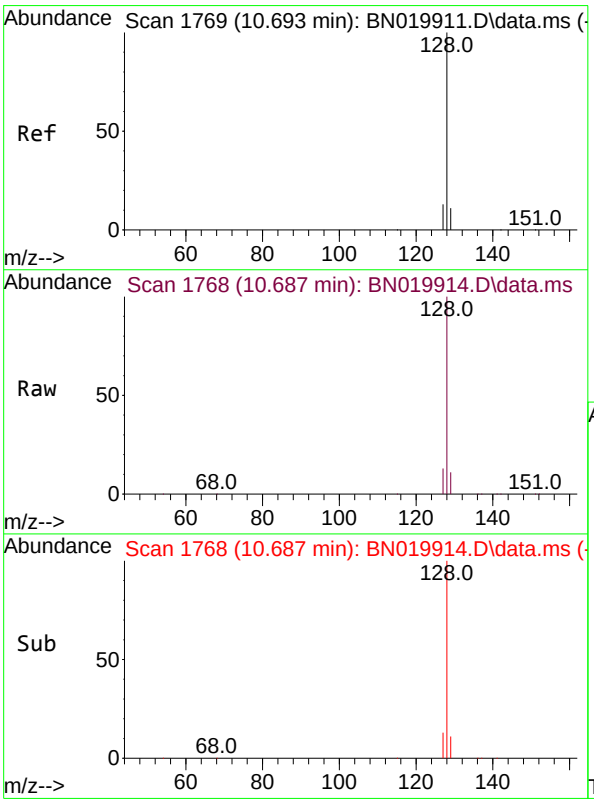
#2
1,4-Dioxane
Concen: 2.493 ng/ul
RT: 3.349 min Scan# 6
Delta R.T. -0.004 min
Lab File: BN019914.D
Acq: 23 May 2022 14:08

Instrument :
BNA_N
ClientSampleId :
SSTD3.2242

Tgt Ion: 88 Resp: 10833

Ion	Ratio	Lower	Upper
88	100		
43	37.6	39.0	58.4#
58	80.5	39.8	59.8#

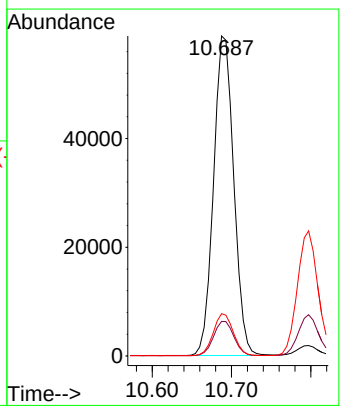


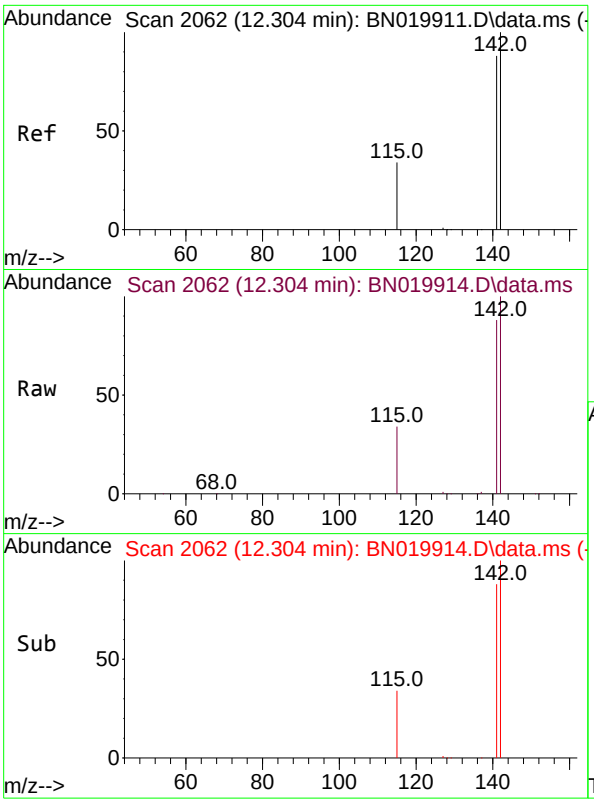


#5
Naphthalene
Concen: 2.672 ng/ul
RT: 10.687 min Scan# 1768
Delta R.T. -0.006 min
Lab File: BN019914.D
Acq: 23 May 2022 14:08

Tgt Ion:128 Resp: 104104

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.5	14.3
127	13.2	11.0	16.4



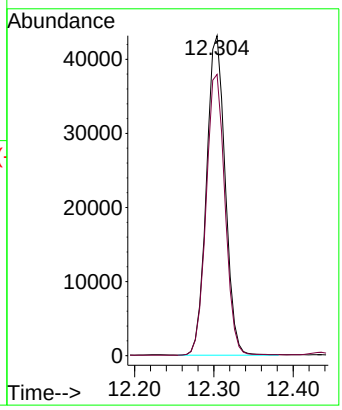


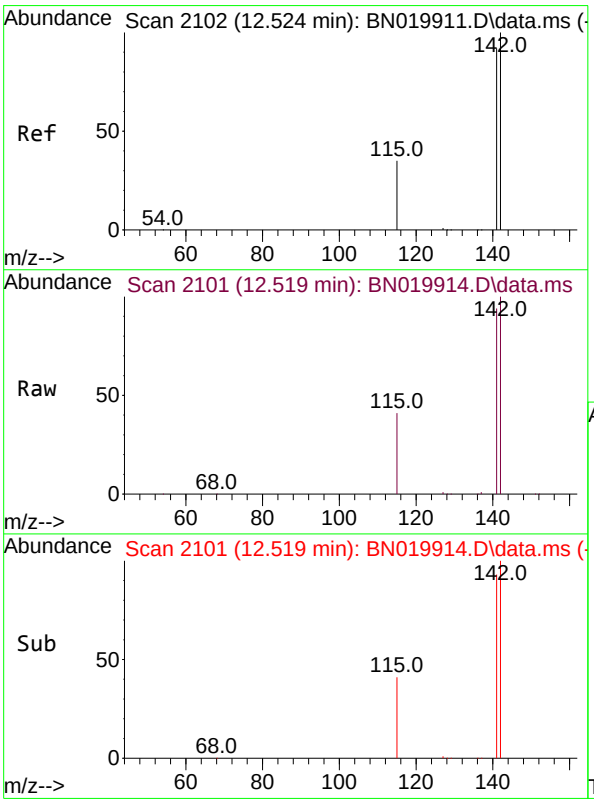
#7
2-Methylnaphthalene
Concen: 2.973 ng/ul
RT: 12.304 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN019914.D
Acq: 23 May 2022 14:08

Instrument :
BNA_N
ClientSampleId :
SSTD3.2242

Tgt Ion:142 Resp: 70564

Ion	Ratio	Lower	Upper
142	100		
141	88.6	0.0	0.0#

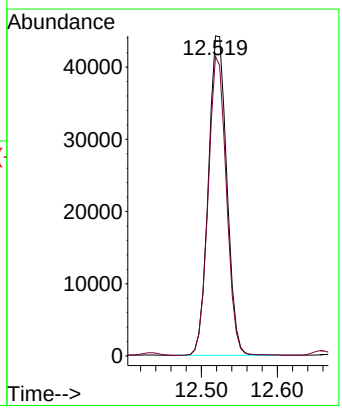


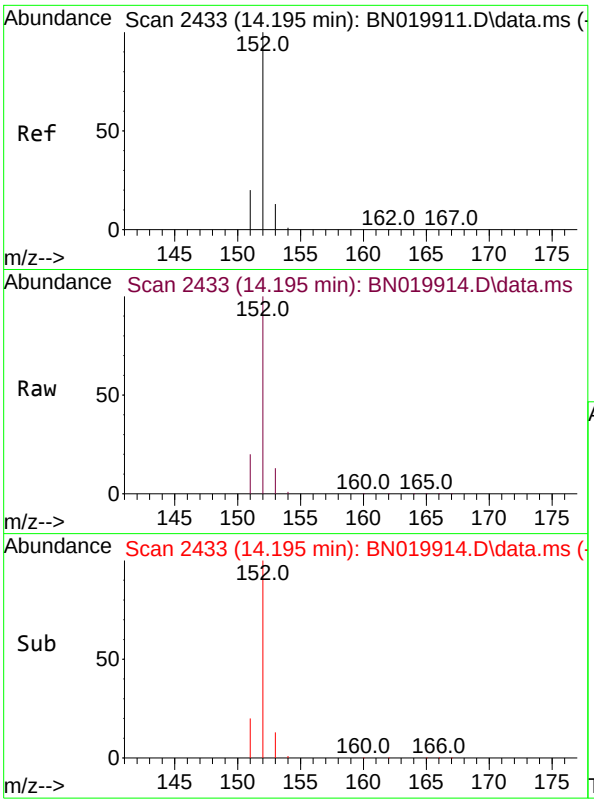


#8
1-Methylnaphthalene
Concen: 3.385 ng/ul
RT: 12.519 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BN019914.D
Acq: 23 May 2022 14:08

Tgt Ion:142 Resp: 74423

Ion	Ratio	Lower	Upper
142	100		
141	92.1	0.0	0.0#



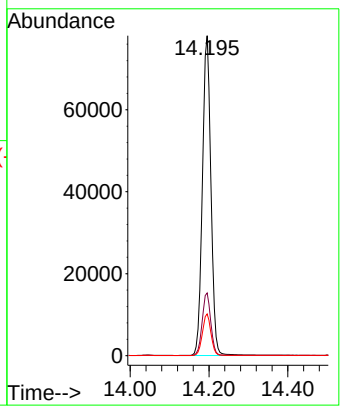


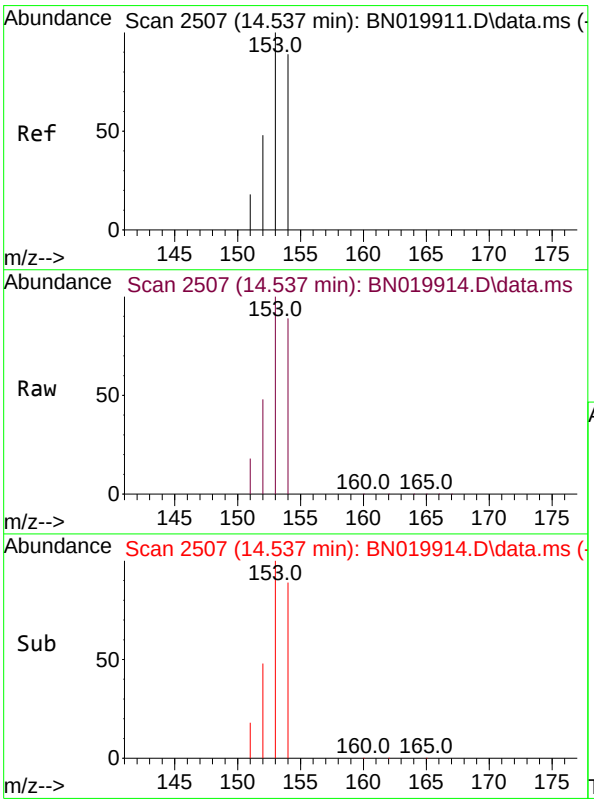
#10
Acenaphthylene
Concen: 3.330 ng/ul
RT: 14.195 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019914.D
Acq: 23 May 2022 14:08

Instrument :
BNA_N
ClientSampleId :
SSTD3.2242

Tgt Ion:152 Resp: 116994

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.3	24.5
153	13.1	11.1	16.7

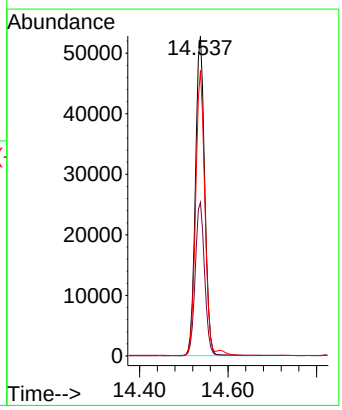


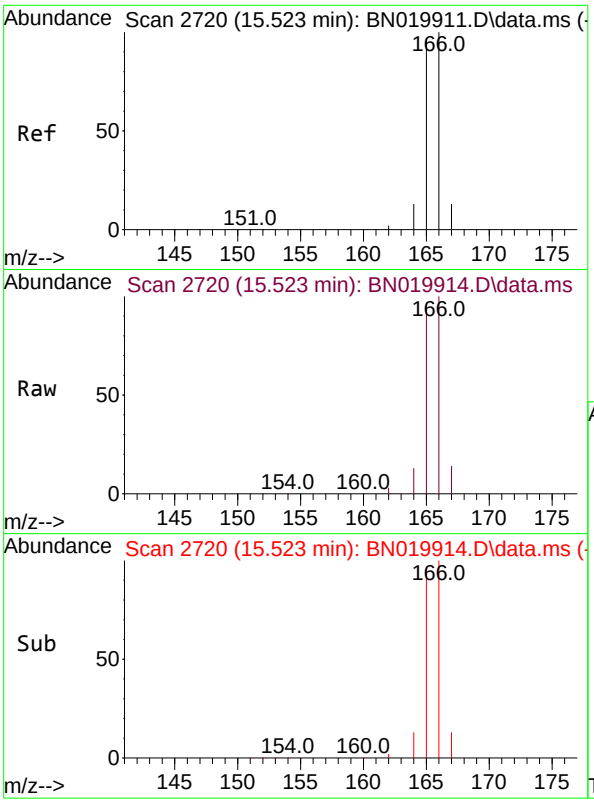


#11
Acenaphthene
Concen: 2.710 ng/ul
RT: 14.537 min Scan# 2507
Delta R.T. -0.000 min
Lab File: BN019914.D
Acq: 23 May 2022 14:08

Tgt Ion:153 Resp: 76491

Ion	Ratio	Lower	Upper
153	100		
152	48.0	38.6	57.8
154	89.2	71.2	106.8



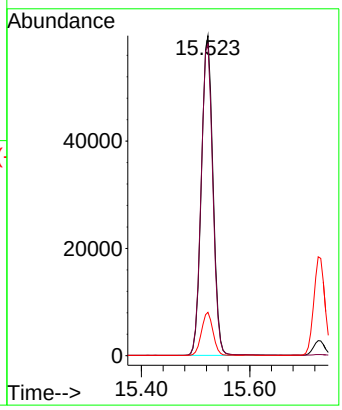


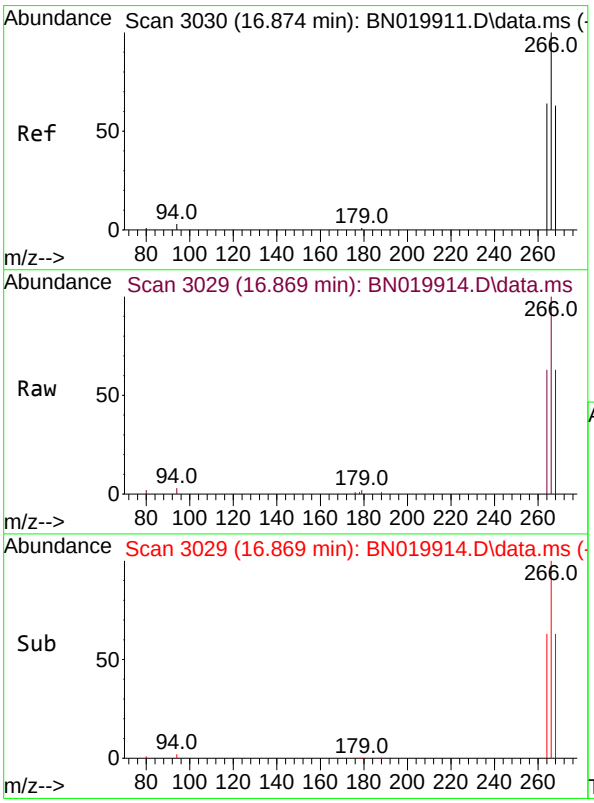
#12
Fluorene
Concen: 2.860 ng/ul
RT: 15.523 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN019914.D
Acq: 23 May 2022 14:08

Instrument :
BNA_N
ClientSampleId :
SSTD3.2242

Tgt Ion:166 Resp: 88593

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.2	117.2
167	13.6	11.3	16.9

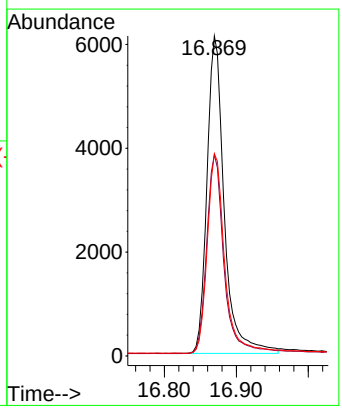


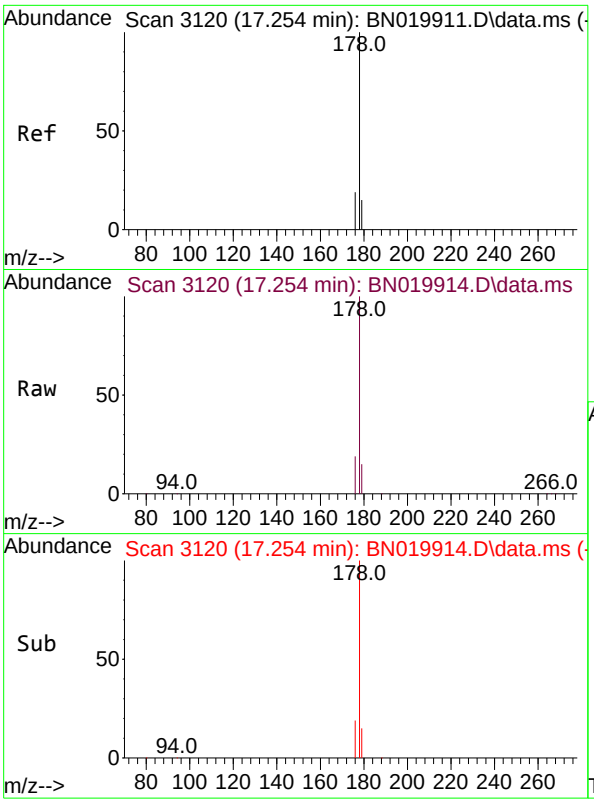


#14
Pentachlorophenol
Concen: 3.303 ng/ul
RT: 16.869 min Scan# 3029
Delta R.T. -0.004 min
Lab File: BN019914.D
Acq: 23 May 2022 14:08

Tgt Ion:266 Resp: 10189

Ion	Ratio	Lower	Upper
266	100		
264	63.0	44.9	67.3
268	63.3	44.6	67.0



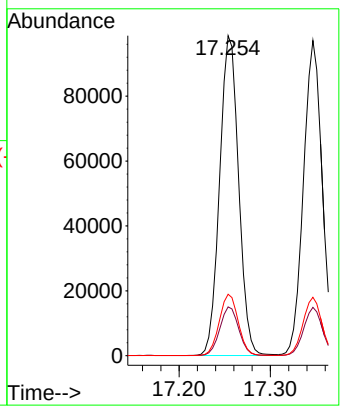


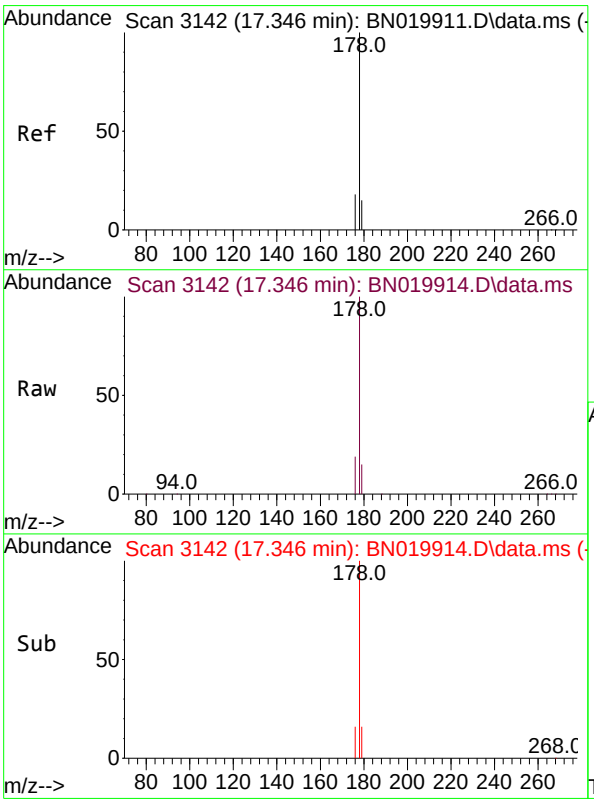
#15
Phenanthrene
Concen: 2.692 ng/ul
RT: 17.254 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN019914.D
Acq: 23 May 2022 14:08

Instrument :
BNA_N
ClientSampleId :
SSTD3.2242

Tgt Ion:178 Resp: 141978

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.9	19.3
176	19.2	15.5	23.3

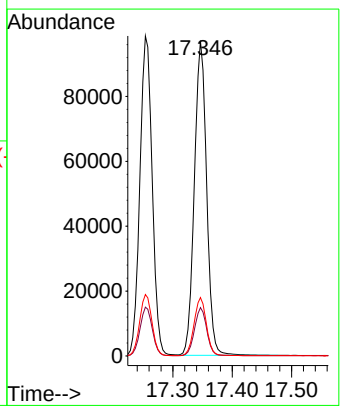


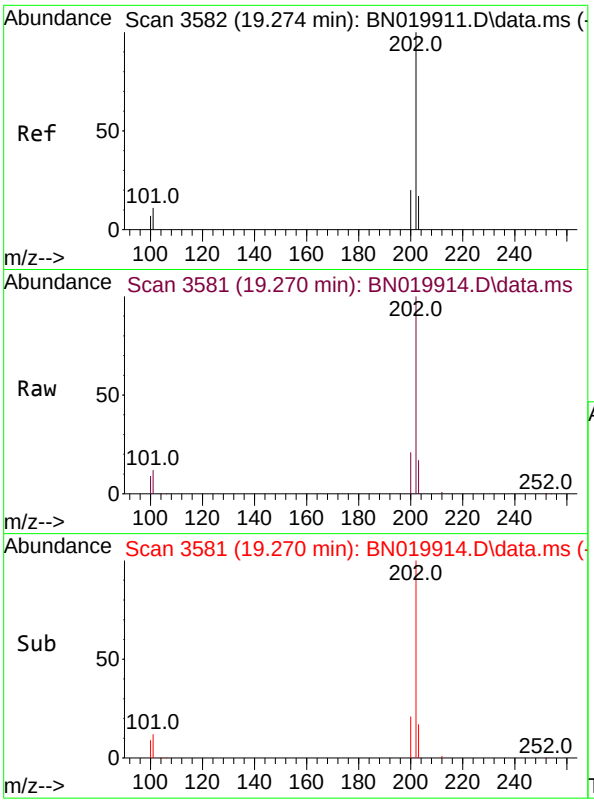


#16
Anthracene
Concen: 3.234 ng/ul
RT: 17.346 min Scan# 3142
Delta R.T. -0.000 min
Lab File: BN019914.D
Acq: 23 May 2022 14:08

Tgt Ion:178 Resp: 139141

Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.1	19.7
176	18.5	15.3	22.9



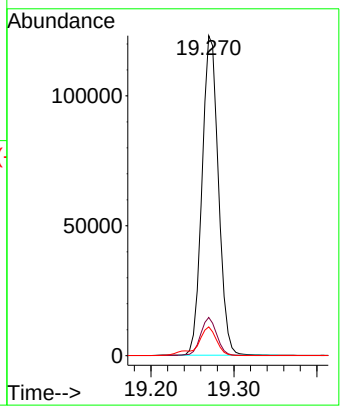


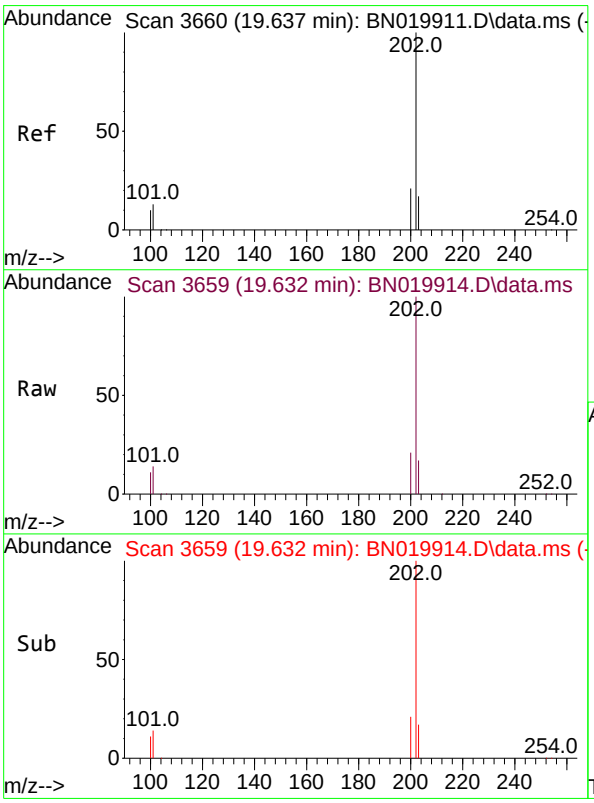
#19
Fluoranthene
Concen: 2.902 ng/ul
RT: 19.270 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN019914.D
Acq: 23 May 2022 14:08

Instrument :
BNA_N
ClientSampleId :
SSTD3.2242

Tgt Ion:202 Resp: 168826

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.7	14.5
100	9.0	7.4	11.2

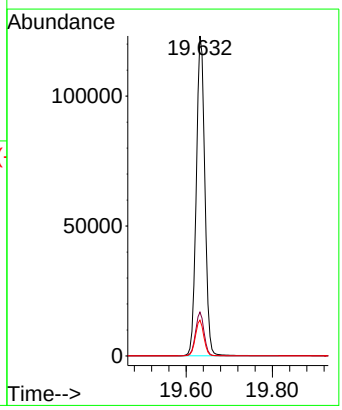


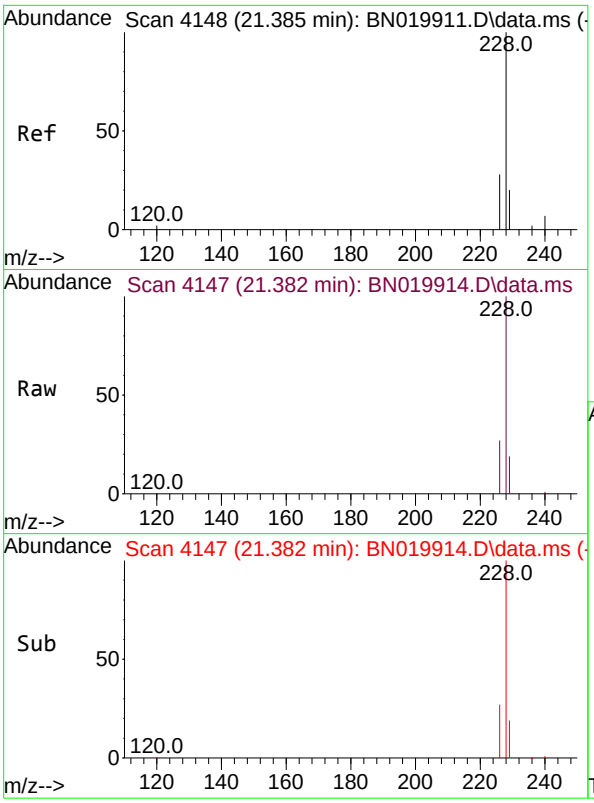


#20
Pyrene
Concen: 2.906 ng/ul
RT: 19.632 min Scan# 3659
Delta R.T. -0.005 min
Lab File: BN019914.D
Acq: 23 May 2022 14:08

Tgt Ion:202 Resp: 168761

Ion	Ratio	Lower	Upper
202	100		
101	13.7	11.4	17.0
100	11.2	9.0	13.4



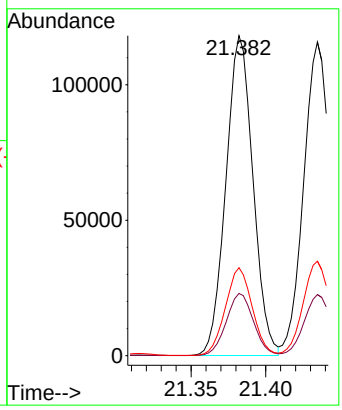


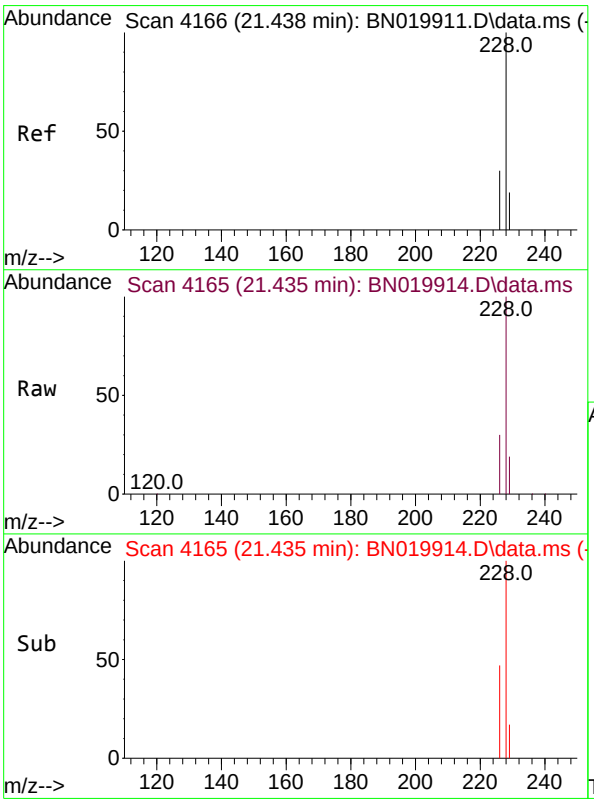
#21
Benzo(a)anthracene
Concen: 3.134 ng/ul
RT: 21.382 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN019914.D
Acq: 23 May 2022 14:08

Instrument :
BNA_N
ClientSampleId :
SSTD3.2242

Tgt Ion:228 Resp: 148882

Ion	Ratio	Lower	Upper
228	100		
229	19.4	16.1	24.1
226	27.5	22.1	33.1

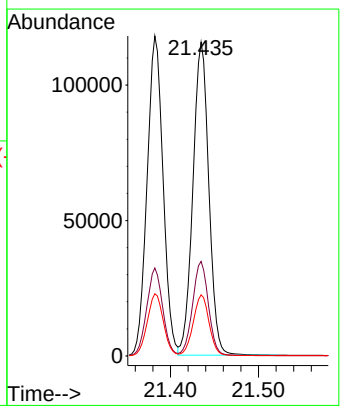


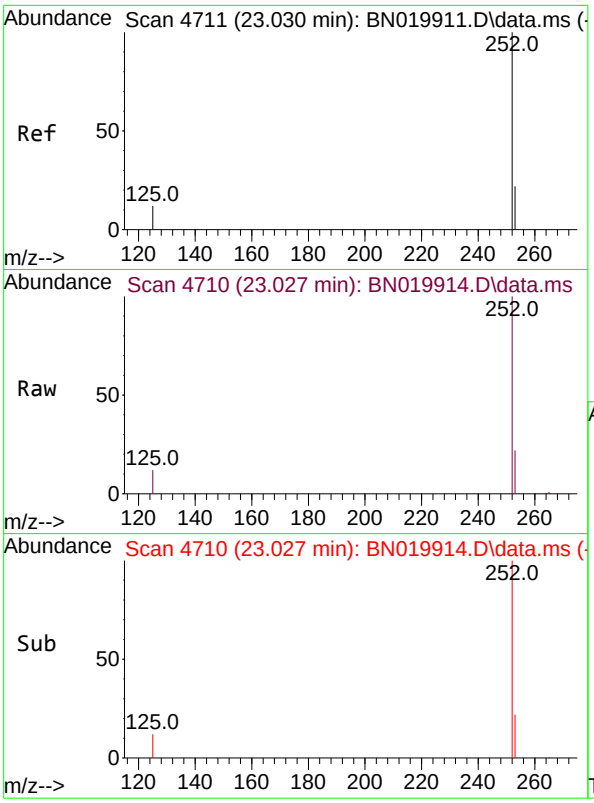


#22
Chrysene
Concen: 2.596 ng/ul
RT: 21.435 min Scan# 4165
Delta R.T. -0.003 min
Lab File: BN019914.D
Acq: 23 May 2022 14:08

Tgt Ion:228 Resp: 145332

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	19.5	16.0	24.0



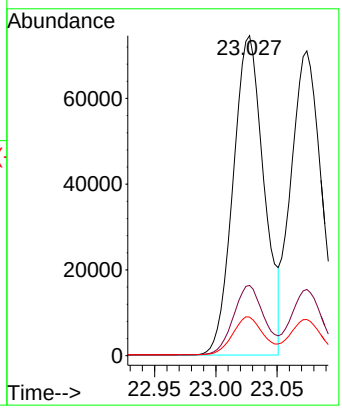


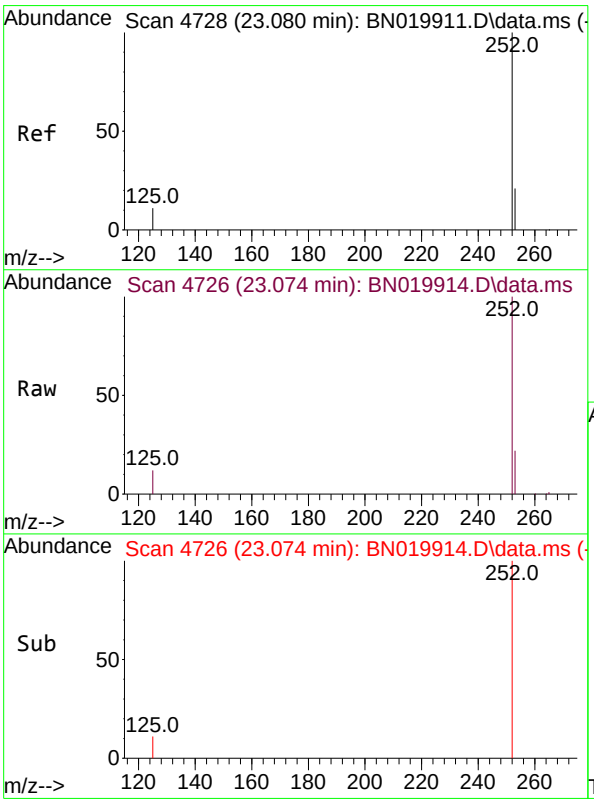
#24
Benzo(b)fluoranthene
Concen: 2.561 ng/ul
RT: 23.027 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN019914.D
Acq: 23 May 2022 14:08

Instrument :
BNA_N
ClientSampleId :
SSTD3.2242

Tgt Ion:252 Resp: 130664

Ion	Ratio	Lower	Upper
252	100		
253	22.0	0.0	52.0
125	12.1	0.0	40.2

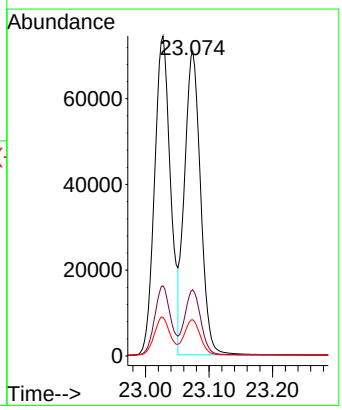


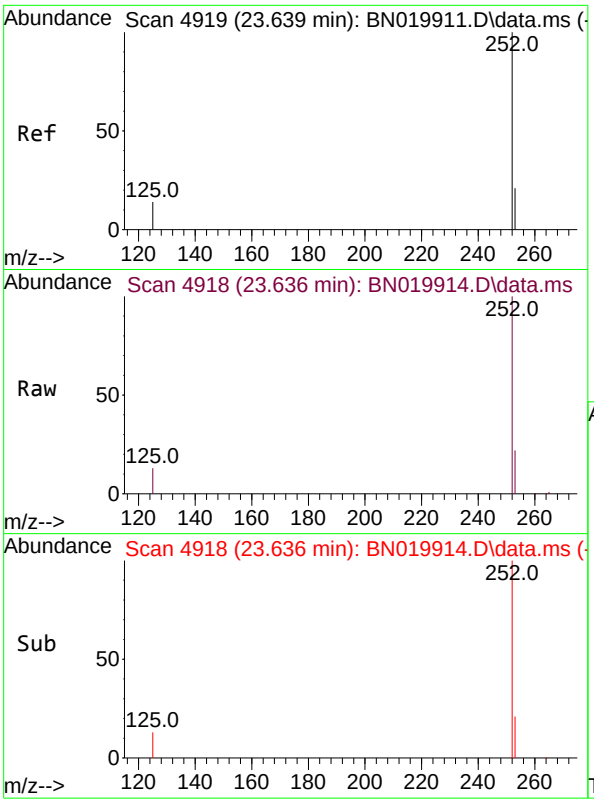


#25
Benzo(k)fluoranthene
Concen: 2.530 ng/ul
RT: 23.074 min Scan# 4726
Delta R.T. -0.006 min
Lab File: BN019914.D
Acq: 23 May 2022 14:08

Tgt Ion:252 Resp: 124357

Ion	Ratio	Lower	Upper
252	100		
253	21.8	20.2	30.2
125	11.9	11.0	16.6



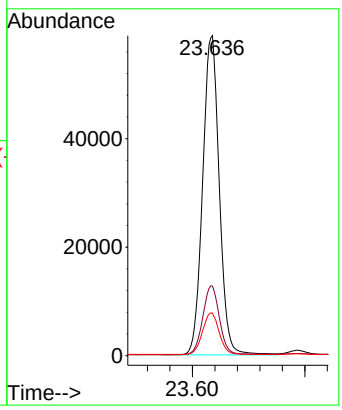


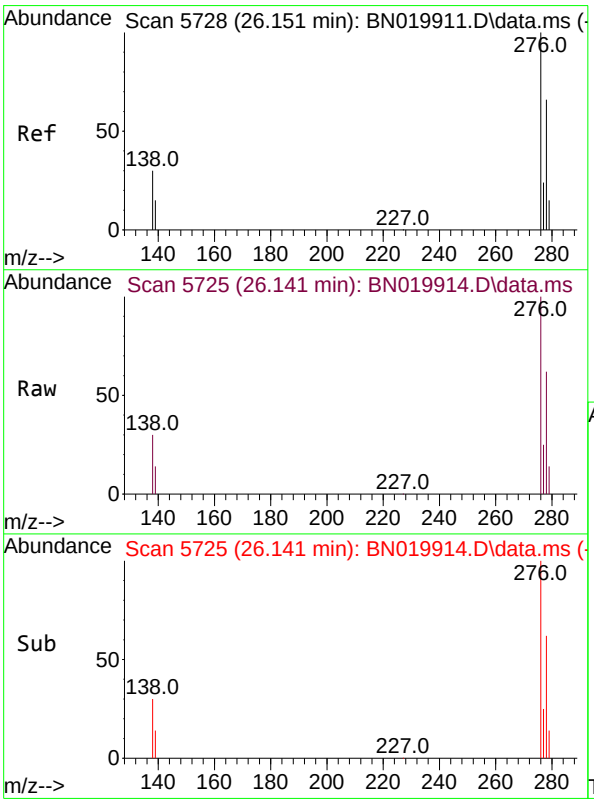
#26
Benzo(a)pyrene
Concen: 2.771 ng/ul
RT: 23.636 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN019914.D
Acq: 23 May 2022 14:08

Instrument :
BNA_N
ClientSampleId :
SSTD3.2242

Tgt Ion:252 Resp: 120425

Ion	Ratio	Lower	Upper
252	100		
253	21.7	23.4	35.0#
125	13.3	28.3	42.5#

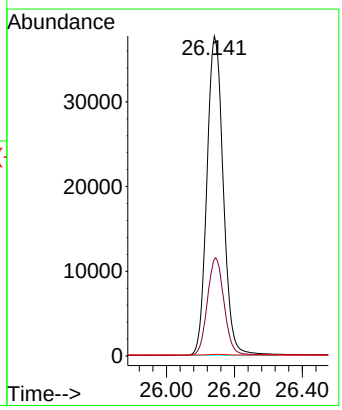


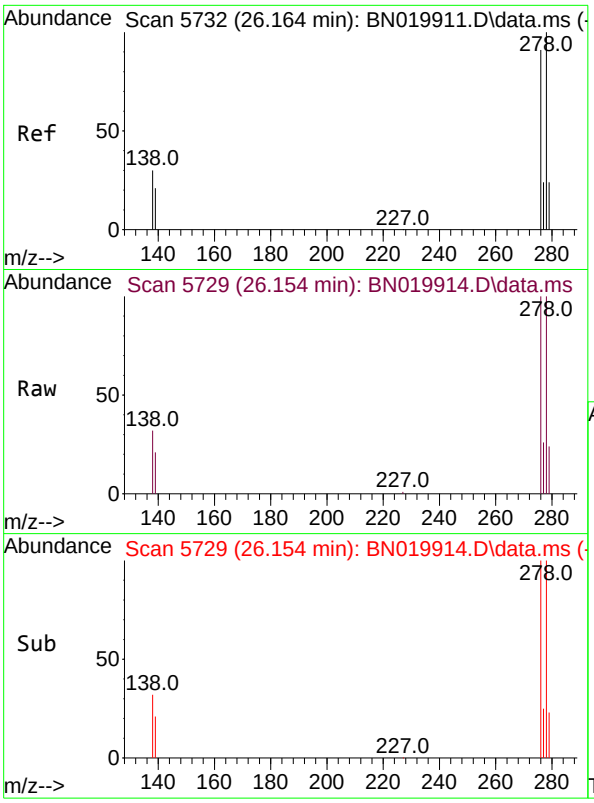


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.323 ng/ul
RT: 26.141 min Scan# 5725
Delta R.T. -0.010 min
Lab File: BN019914.D
Acq: 23 May 2022 14:08

Tgt Ion:276 Resp: 125925

Ion	Ratio	Lower	Upper
276	100		
138	31.2	23.6	35.4
227	0.2	0.0	0.0#



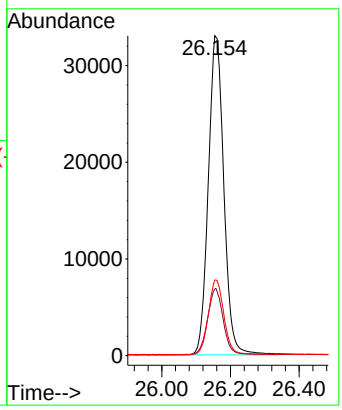


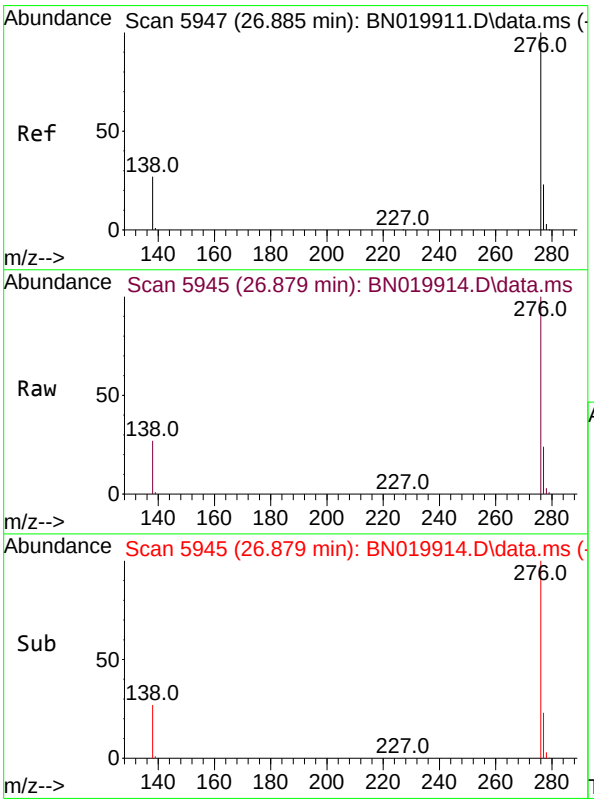
#28
Dibenzo(a,h)anthracene
Concen: 2.291 ng/ul
RT: 26.154 min Scan# 5
Delta R.T. -0.010 min
Lab File: BN019914.D
Acq: 23 May 2022 14:08

Instrument :
BNA_N
ClientSampleId :
SSTD3.2242

Tgt Ion:278 Resp: 103815

Ion	Ratio	Lower	Upper
278	100		
139	20.9	18.6	28.0
279	23.7	35.1	52.7#





#29
Benzo(g,h,i)perylene
Concen: 2.144 ng/ul
RT: 26.879 min Scan# 5945
Delta R.T. -0.007 min
Lab File: BN019914.D
Acq: 23 May 2022 14:08

Tgt Ion:276 Resp: 106238

Ion	Ratio	Lower	Upper
276	100		
138	26.8	20.9	31.3
277	23.7	20.4	30.6