Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052322\
Data File : BN019913.D
Acq On : 23 May 2022 13:32
Operator : CG/JU
Sample : SSTD1.641
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD1.6241

Quant Time: May 23 14:38:11 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	3836	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	13172	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	7819	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	15430	0.400	ng/ul	0.00
17) Chrysene-d12	21.400	240	12658	0.400	ng/ul	0.00
23) Perylene-d12	23.738	264	9969	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	5658	1.246	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	34795	1.746	ng/ul	0.00
18) Fluoranthene-d10	19.244	212	71790	1.792	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.353	88	6040	1.253	ng/ul#	75
5) Naphthalene	10.689	128	57105	1.339	ng/ul	98
7) 2-Methylnaphthalene	12.300	142	38417	1.479	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	40774	1.695	ng/ul#	100
10) Acenaphthylene	14.192	152	62655	1.620	ng/ul	99
11) Acenaphthene	14.539	153	41591	1.338	ng/ul	100
12) Fluorene	15.520	166	47776	1.401	ng/ul	99
14) Pentachlorophenol	16.871	266	4442	1.338	ng/ul	89
15) Phenanthrene	17.255	178	76074	1.340	ng/ul	99
16) Anthracene	17.344	178	73463	1.587	ng/ul	98
19) Fluoranthene	19.272	202	87704	1.514	ng/ul	98
20) Pyrene	19.634	202	87035	1.505	ng/ul	98
21) Benzo(a)anthracene	21.385	228	72265	1.528	ng/ul	99
22) Chrysene	21.435	228	72185	1.295	ng/ul	99
24) Benzo(b)fluoranthene	23.031	252	62955	1.245	ng/ul	89
25) Benzo(k)fluoranthene	23.077	252	60256	1.237	ng/ul	95
26) Benzo(a)pyrene	23.636	252	58288	1.353	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	26.144	276	61025	1.135	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.161	278	50109	1.115	ng/ul#	78
29) Benzo(g,h,i)perylene	26.882	276	51841	1.055	ng/ul	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052322\
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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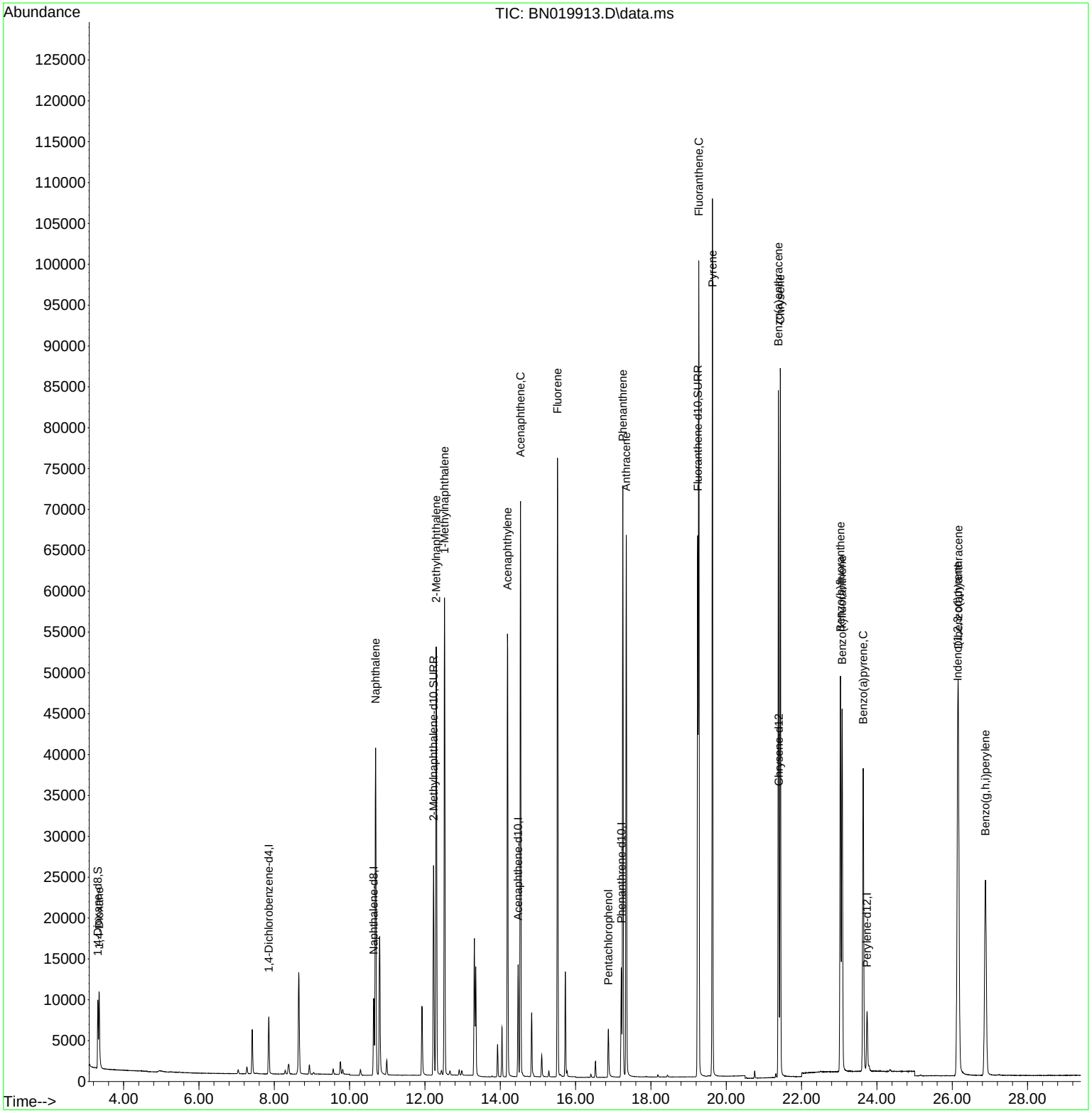
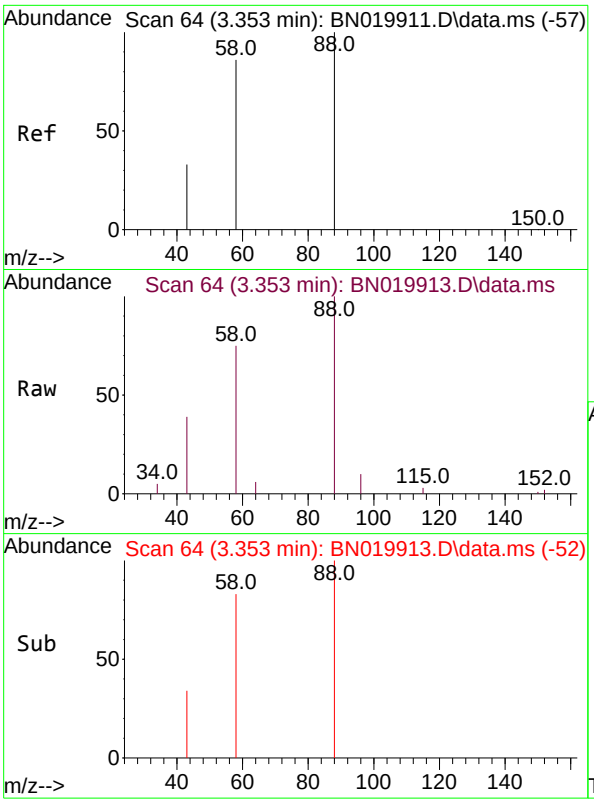


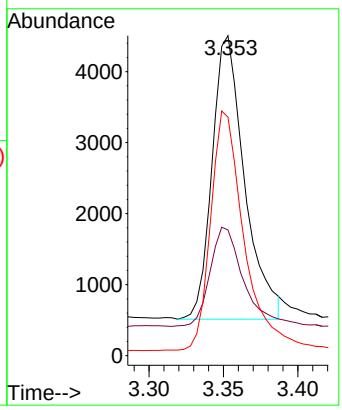


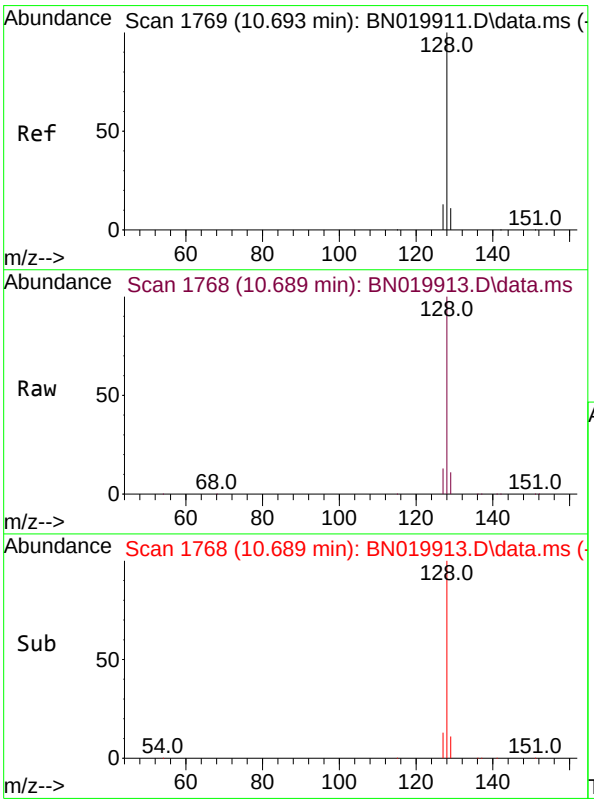
#2
1,4-Dioxane
Concen: 1.253 ng/ul
RT: 3.353 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN019913.D
Acq: 23 May 2022 13:32

Instrument :
BNA_N
ClientSampleId :
SSTD1.6241

Tgt Ion: 88 Resp: 6040

Ion	Ratio	Lower	Upper
88	100		
43	39.3	39.0	58.4
58	74.6	39.8	59.8#

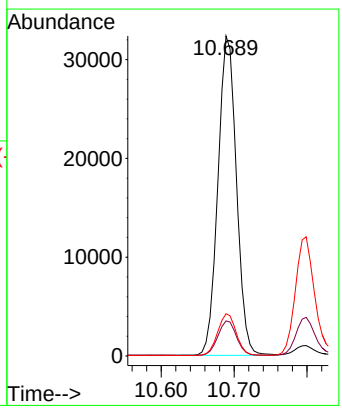


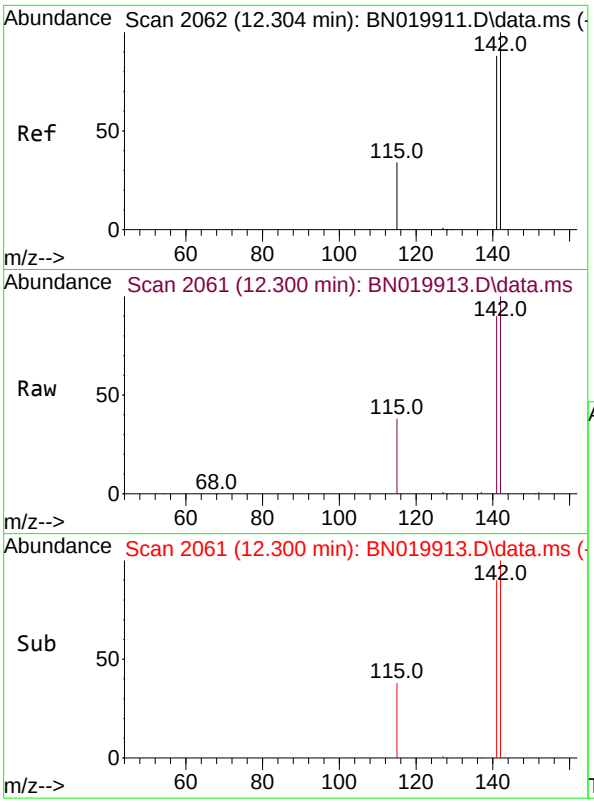


#5
Naphthalene
Concen: 1.339 ng/ul
RT: 10.689 min Scan# 1768
Delta R.T. -0.004 min
Lab File: BN019913.D
Acq: 23 May 2022 13:32

Tgt Ion:128 Resp: 57105

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



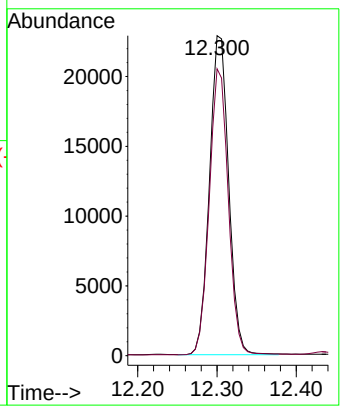


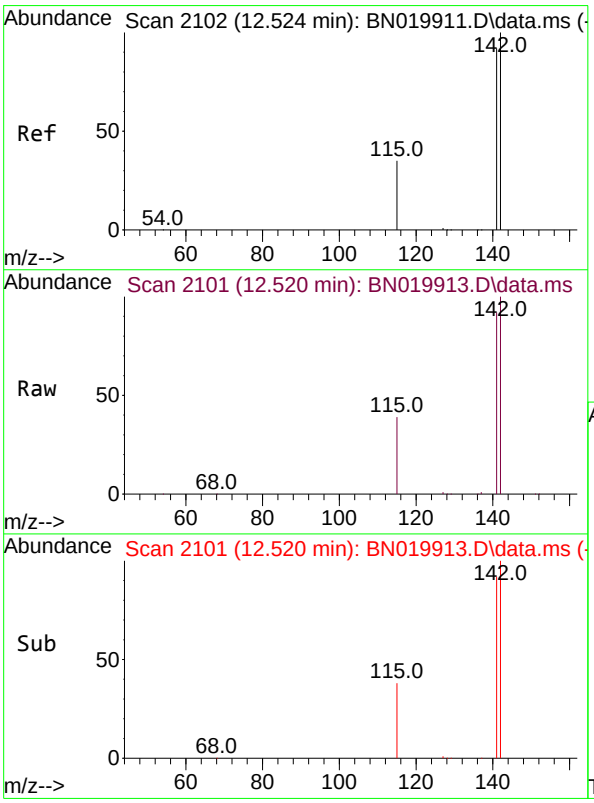
#7
2-Methylnaphthalene
Concen: 1.479 ng/ul
RT: 12.300 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN019913.D
Acq: 23 May 2022 13:32

Instrument :
BNA_N
ClientSampleId :
SSTD1.6241

Tgt Ion:142 Resp: 38417

Ion	Ratio	Lower	Upper
142	100		
141	88.7	0.0	0.0#

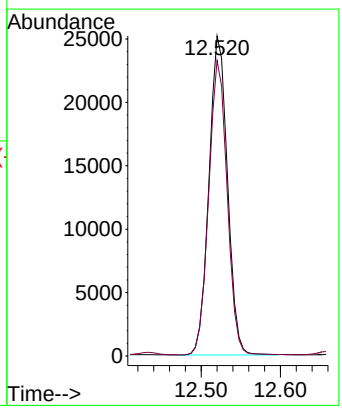


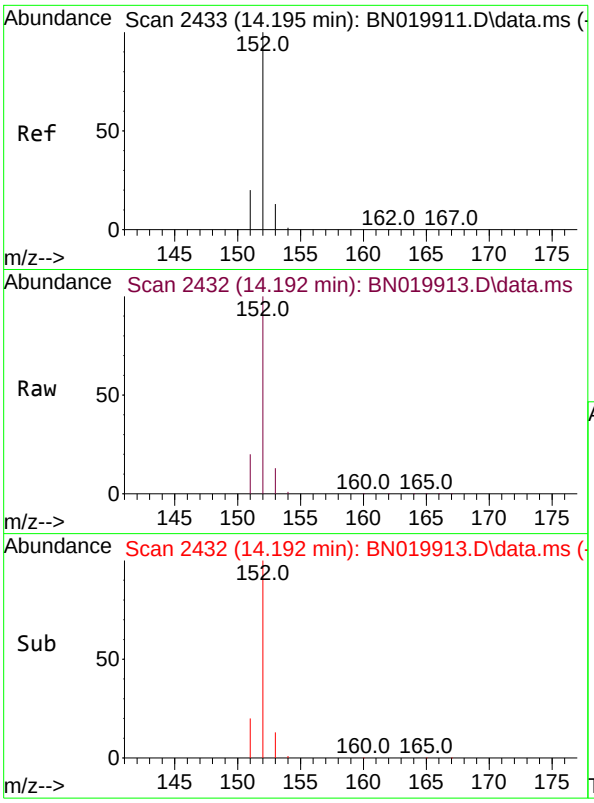


#8
1-Methylnaphthalene
Concen: 1.695 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.004 min
Lab File: BN019913.D
Acq: 23 May 2022 13:32

Tgt Ion:142 Resp: 40774

Ion	Ratio	Lower	Upper
142	100		
141	91.8	0.0	0.0#



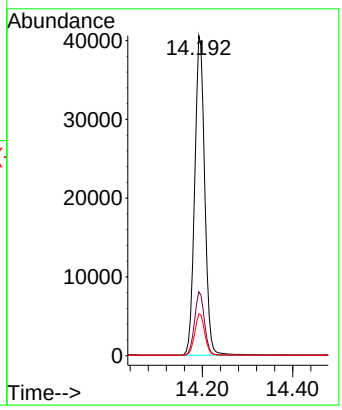


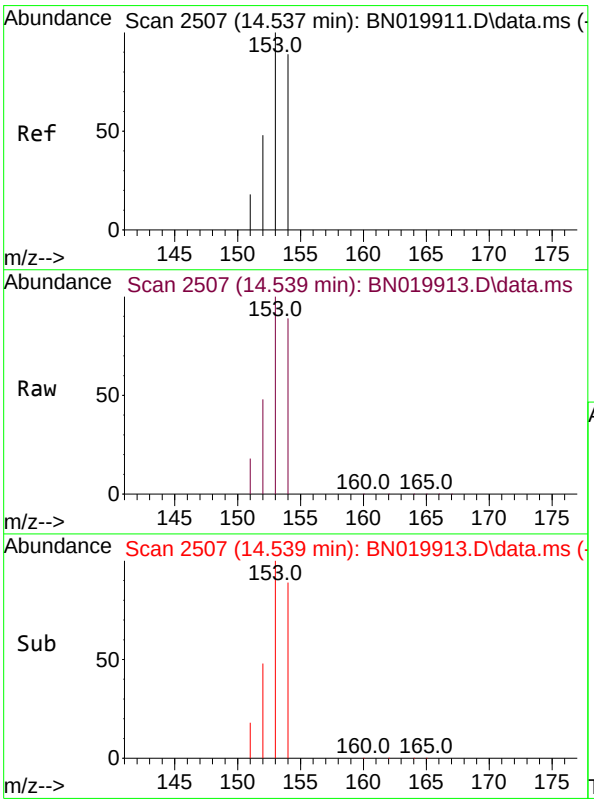
#10
Acenaphthylene
Concen: 1.620 ng/ul
RT: 14.192 min Scan# 24
Delta R.T. -0.003 min
Lab File: BN019913.D
Acq: 23 May 2022 13:32

Instrument :
BNA_N
ClientSampleId :
SSTD1.6241

Tgt Ion:152 Resp: 62655

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	13.1	11.1	16.7

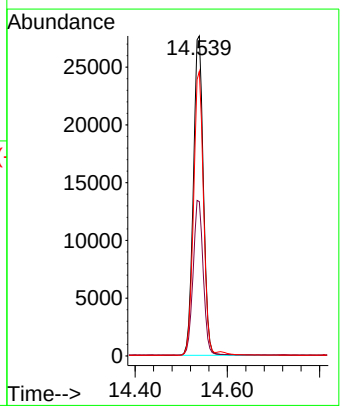


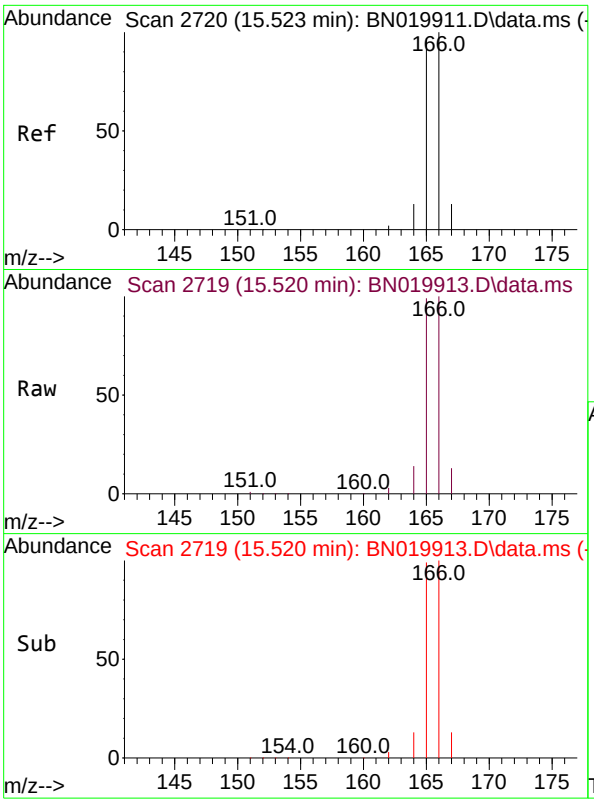


#11
Acenaphthene
Concen: 1.338 ng/ul
RT: 14.539 min Scan# 2507
Delta R.T. 0.002 min
Lab File: BN019913.D
Acq: 23 May 2022 13:32

Tgt Ion:153 Resp: 41591

Ion	Ratio	Lower	Upper
153	100		
152	48.2	38.6	57.8
154	88.9	71.2	106.8



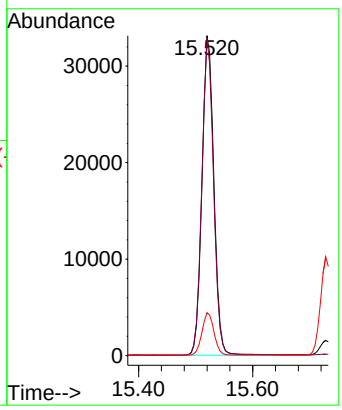


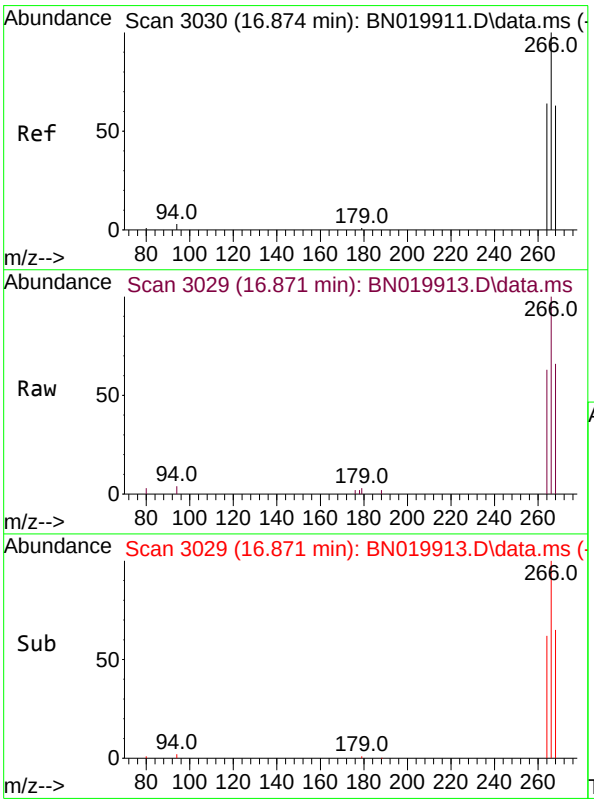
#12
Fluorene
Concen: 1.401 ng/ul
RT: 15.520 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN019913.D
Acq: 23 May 2022 13:32

Instrument :
BNA_N
ClientSampleId :
SSTD1.6241

Tgt Ion:166 Resp: 47776

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.2	117.2
167	13.5	11.3	16.9

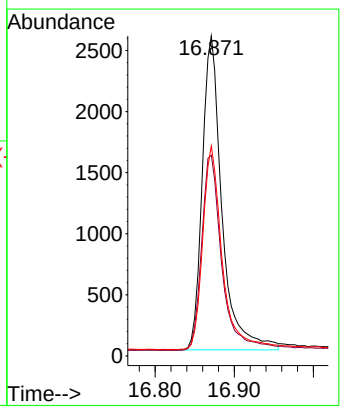


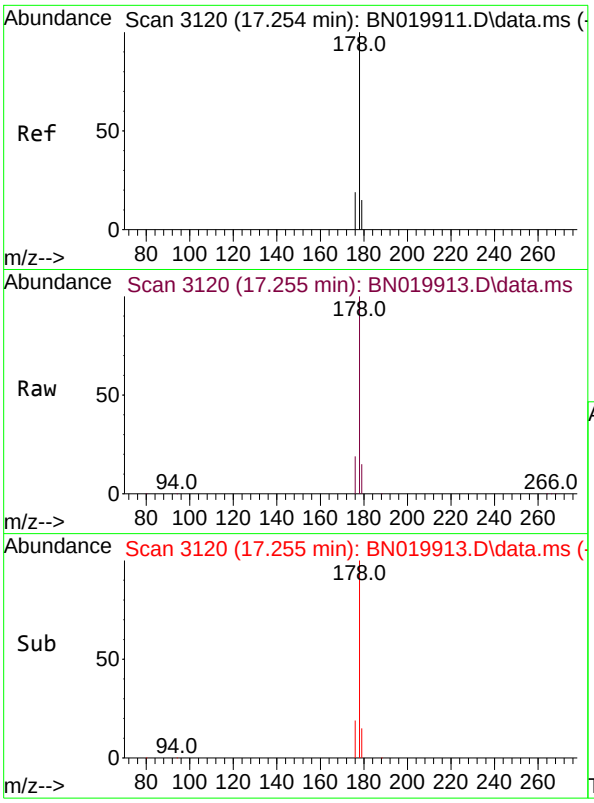


#14
Pentachlorophenol
Concen: 1.338 ng/ul
RT: 16.871 min Scan# 3029
Delta R.T. -0.003 min
Lab File: BN019913.D
Acq: 23 May 2022 13:32

Tgt Ion:266 Resp: 4442

Ion	Ratio	Lower	Upper
266	100		
264	63.9	44.9	67.3
268	64.4	44.6	67.0



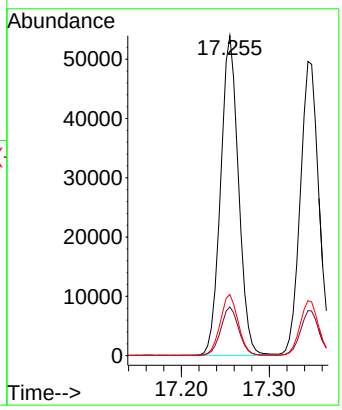


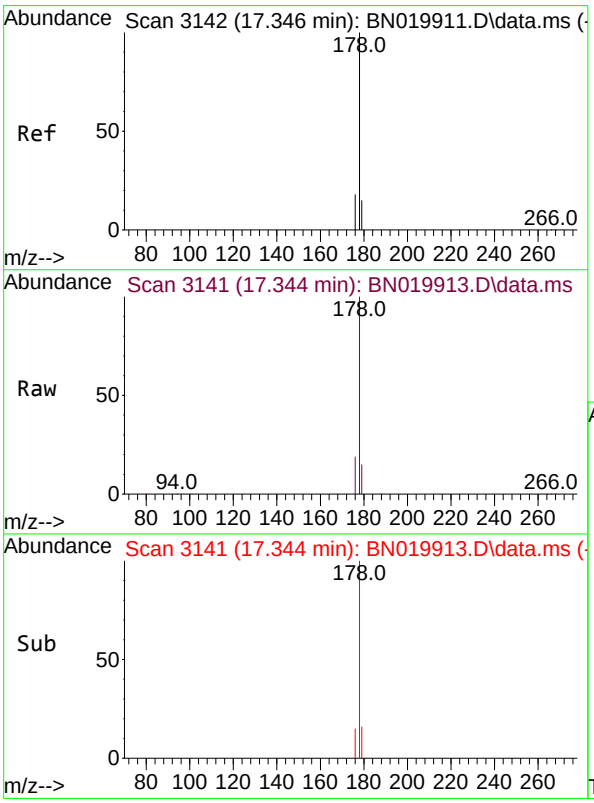
#15
Phenanthrene
Concen: 1.340 ng/ul
RT: 17.255 min Scan# 3
Delta R.T. 0.002 min
Lab File: BN019913.D
Acq: 23 May 2022 13:32

Instrument :
BNA_N
ClientSampleId :
SSTD1.6241

Tgt Ion:178 Resp: 76074

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.9	19.3
176	19.1	15.5	23.3

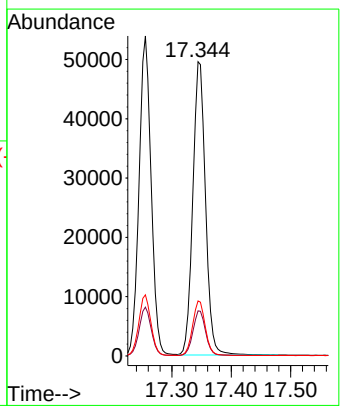


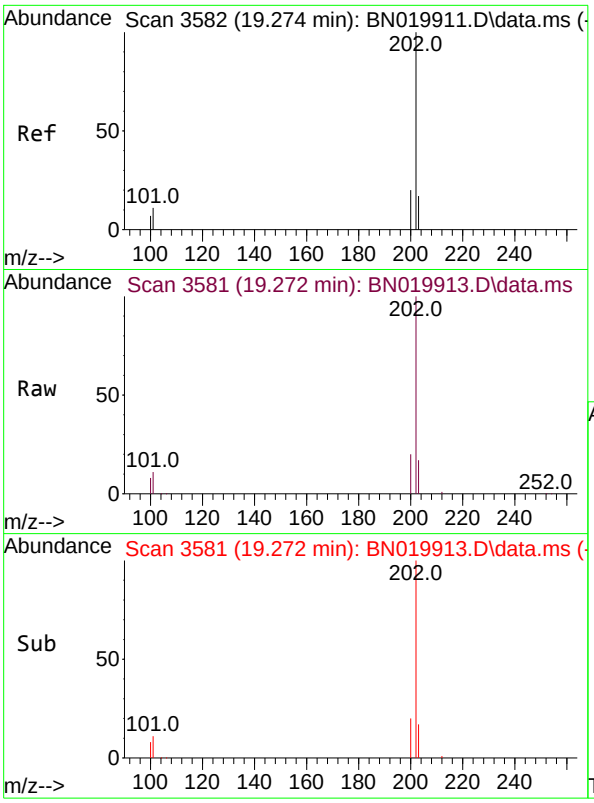


#16
Anthracene
Concen: 1.587 ng/ul
RT: 17.344 min Scan# 3141
Delta R.T. -0.003 min
Lab File: BN019913.D
Acq: 23 May 2022 13:32

Tgt Ion:178 Resp: 73463

Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.1	19.7
176	18.7	15.3	22.9



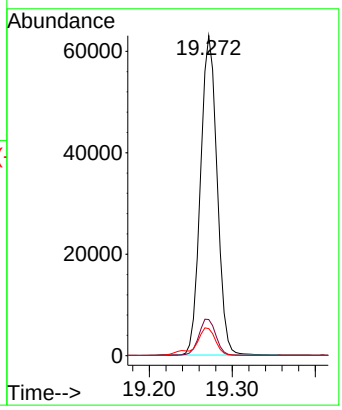


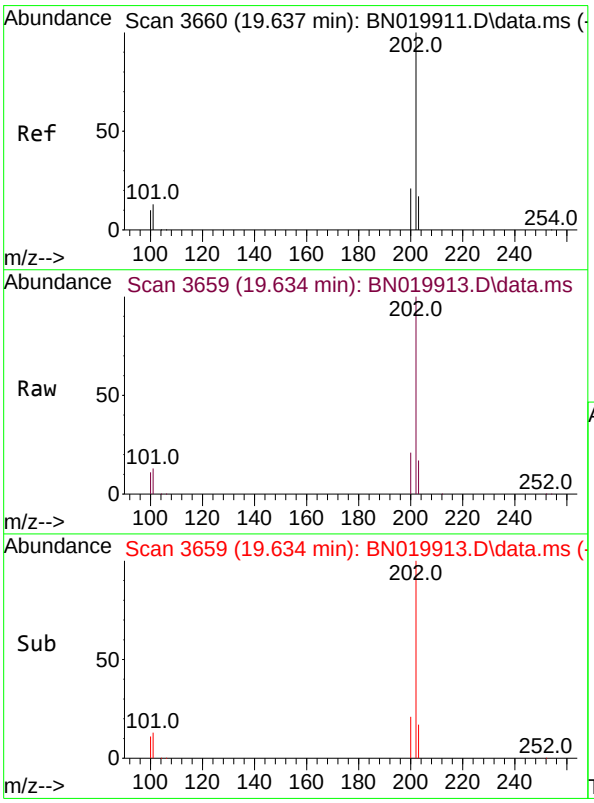
#19
Fluoranthene
Concen: 1.514 ng/ul
RT: 19.272 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN019913.D
Acq: 23 May 2022 13:32

Instrument :
BNA_N
ClientSampleId :
SSTD1.6241

Tgt Ion:202 Resp: 87704

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.7	14.5
100	8.5	7.4	11.2

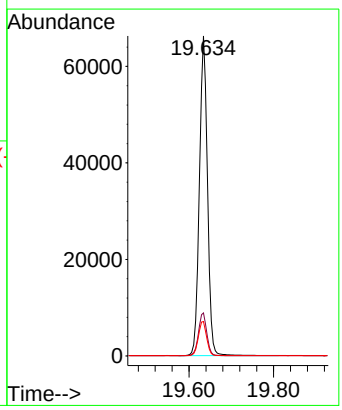


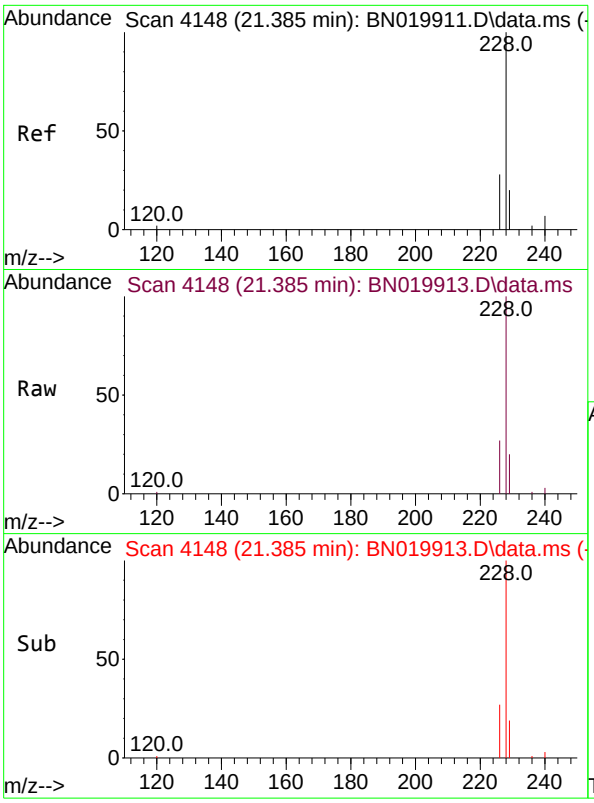


#20
Pyrene
Concen: 1.505 ng/ul
RT: 19.634 min Scan# 3659
Delta R.T. -0.003 min
Lab File: BN019913.D
Acq: 23 May 2022 13:32

Tgt Ion:202 Resp: 87035

Ion	Ratio	Lower	Upper
202	100		
101	13.4	11.4	17.0
100	10.8	9.0	13.4



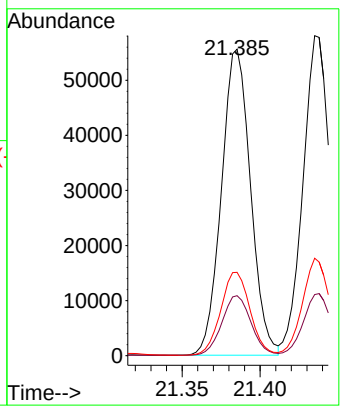


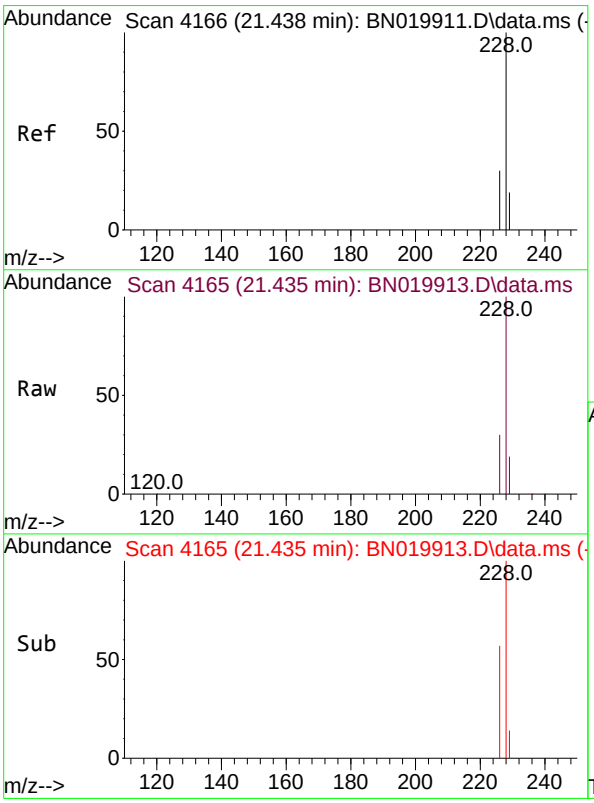
#21
Benzo(a)anthracene
Concen: 1.528 ng/ul
RT: 21.385 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN019913.D
Acq: 23 May 2022 13:32

Instrument :
BNA_N
ClientSampleId :
SSTD1.6241

Tgt Ion:228 Resp: 72265

Ion	Ratio	Lower	Upper
228	100		
229	19.6	16.1	24.1
226	27.2	22.1	33.1

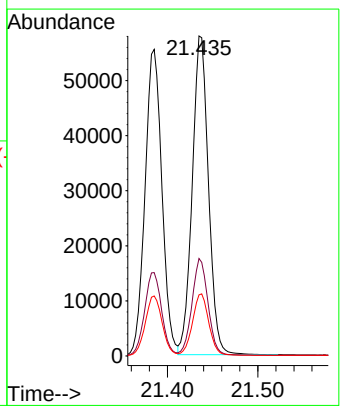


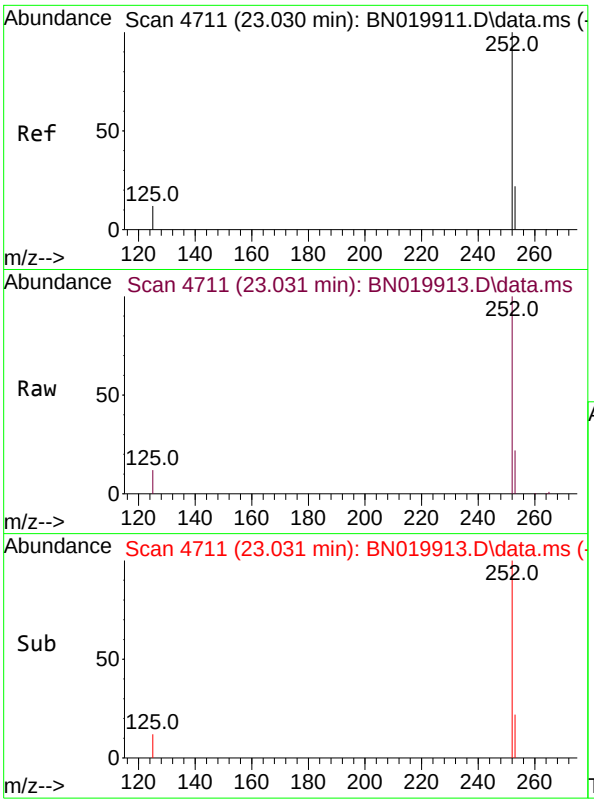


#22
Chrysene
Concen: 1.295 ng/ul
RT: 21.435 min Scan# 4165
Delta R.T. -0.003 min
Lab File: BN019913.D
Acq: 23 May 2022 13:32

Tgt Ion:228 Resp: 72185

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.2
229	19.1	16.0	24.0



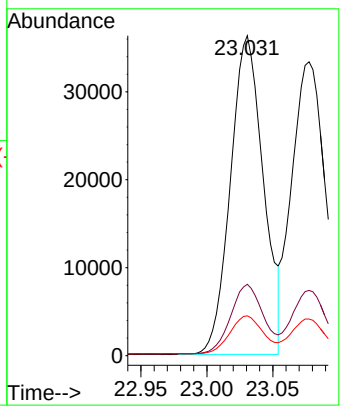


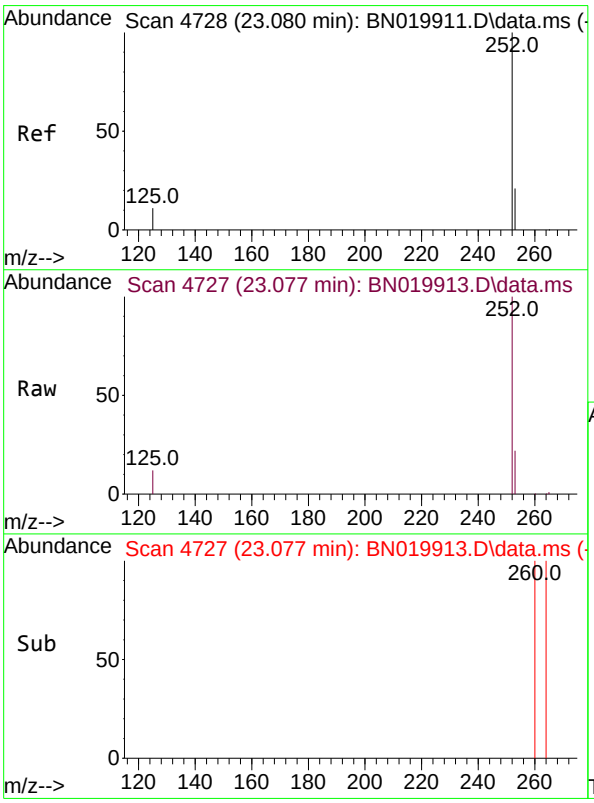
#24
Benzo(b)fluoranthene
Concen: 1.245 ng/ul
RT: 23.031 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN019913.D
Acq: 23 May 2022 13:32

Instrument :
BNA_N
ClientSampleId :
SSTD1.6241

Tgt Ion:252 Resp: 62955

Ion	Ratio	Lower	Upper
252	100		
253	22.3	0.0	52.0
125	12.5	0.0	40.2

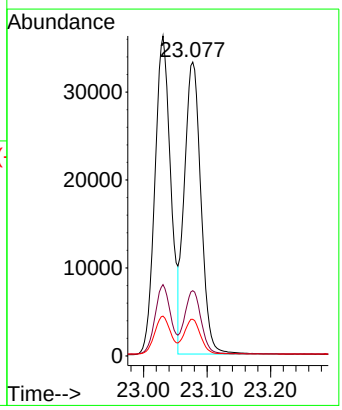


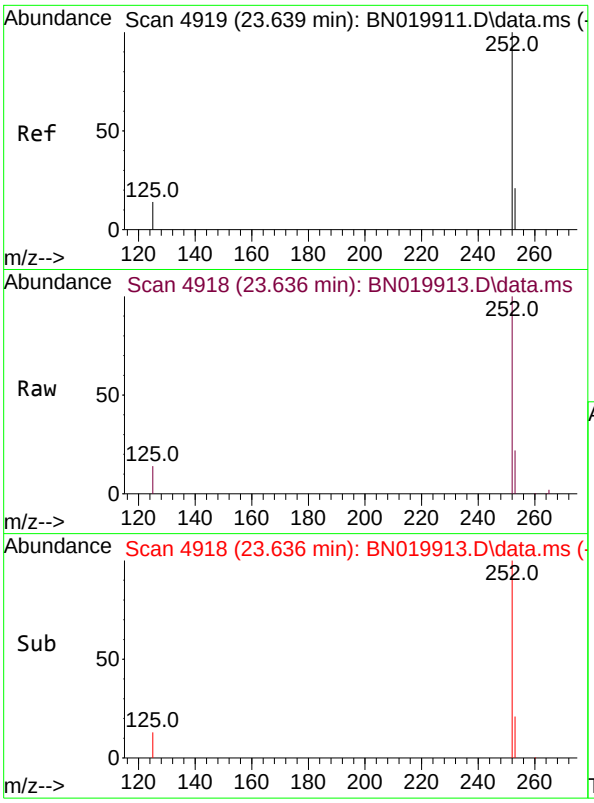


#25
Benzo(k)fluoranthene
Concen: 1.237 ng/ul
RT: 23.077 min Scan# 4727
Delta R.T. -0.003 min
Lab File: BN019913.D
Acq: 23 May 2022 13:32

Tgt Ion:252 Resp: 60256

Ion	Ratio	Lower	Upper
252	100		
253	22.2	20.2	30.2
125	12.5	11.0	16.6



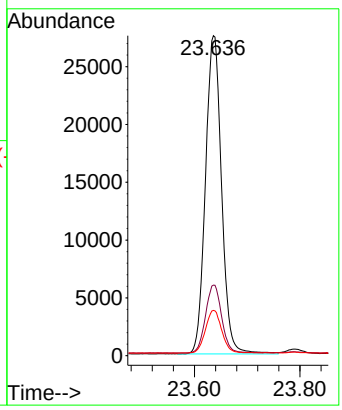


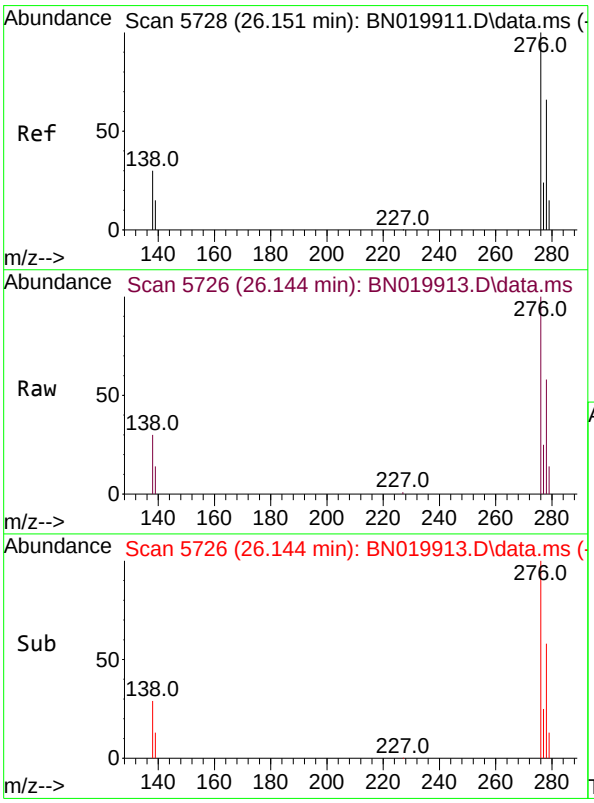
#26
Benzo(a)pyrene
Concen: 1.353 ng/ul
RT: 23.636 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN019913.D
Acq: 23 May 2022 13:32

Instrument :
BNA_N
ClientSampleId :
SSTD1.6241

Tgt Ion:252 Resp: 58288

Ion	Ratio	Lower	Upper
252	100		
253	22.1	23.4	35.0#
125	14.1	28.3	42.5#

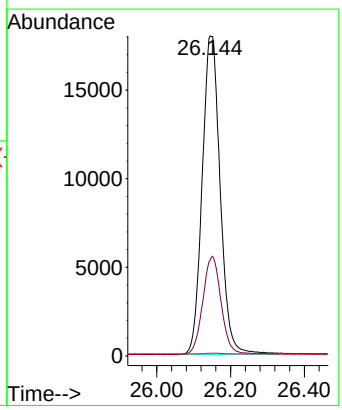


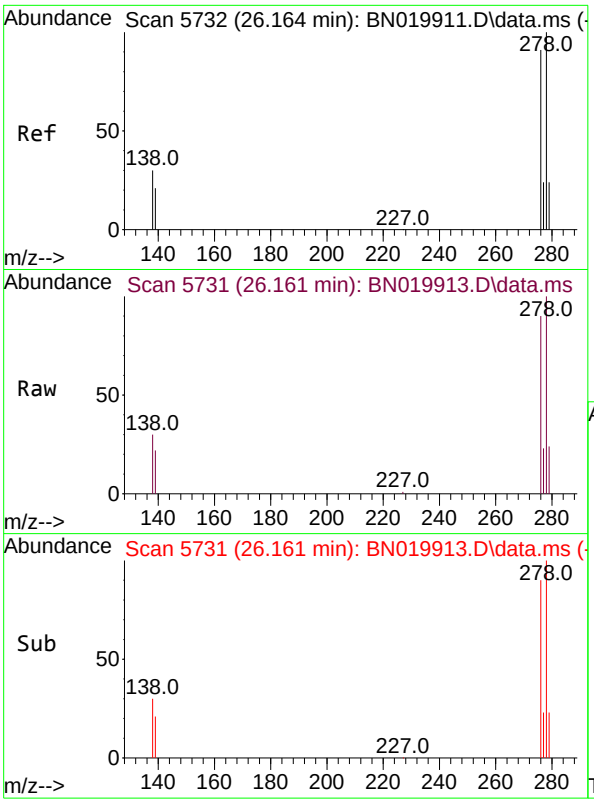


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.135 ng/ul
RT: 26.144 min Scan# 5726
Delta R.T. -0.006 min
Lab File: BN019913.D
Acq: 23 May 2022 13:32

Tgt Ion:276 Resp: 61025

Ion	Ratio	Lower	Upper
276	100		
138	31.3	23.6	35.4
227	0.3	0.0	0.0#



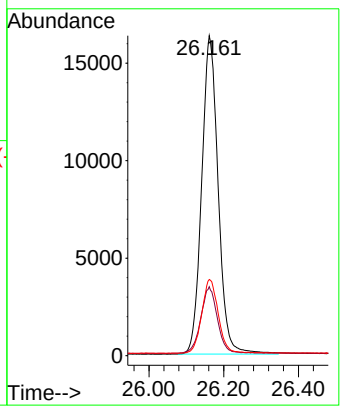


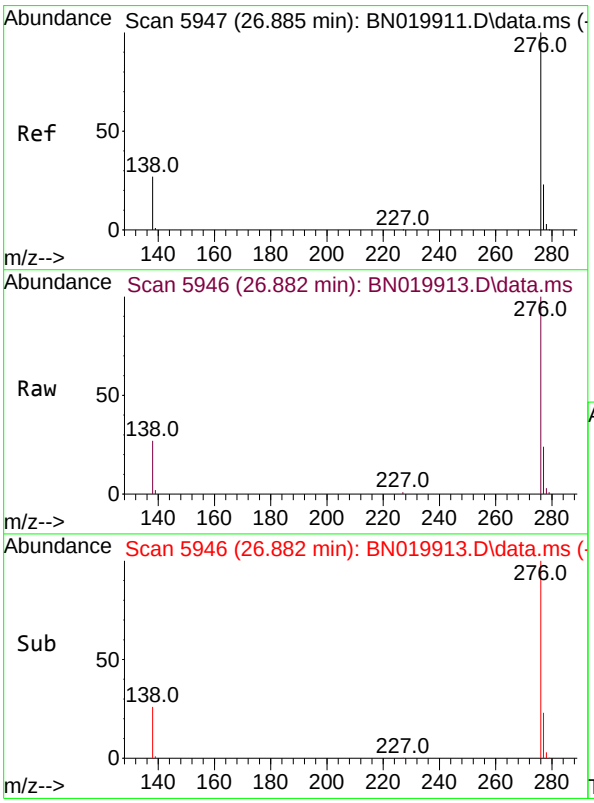
#28
Dibenzo(a,h)anthracene
Concen: 1.115 ng/ul
RT: 26.161 min Scan# 5
Delta R.T. -0.003 min
Lab File: BN019913.D
Acq: 23 May 2022 13:32

Instrument :
BNA_N
ClientSampleId :
SSTD1.6241

Tgt Ion:278 Resp: 50109

Ion	Ratio	Lower	Upper
278	100		
139	21.6	18.6	28.0
279	23.8	35.1	52.7#





#29
Benzo(g,h,i)perylene
Concen: 1.055 ng/ul
RT: 26.882 min Scan# 5946
Delta R.T. -0.003 min
Lab File: BN019913.D
Acq: 23 May 2022 13:32

Tgt Ion:276 Resp: 51841

Ion	Ratio	Lower	Upper
276	100		
138	26.6	20.9	31.3
277	23.9	20.4	30.6