Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013122\
Data File : BN018502.D
Acq On : 31 Jan 2022 17:00
Operator : CG/JU
Sample : SSTD1.633
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD1.6233

Quant Time: Feb 01 03:46:09 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN013122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 01 03:44:37 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.931	152	423	0.400	ng/ul		0.00
4) Naphthalene-d8	10.733	136	1447	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.558	164	761	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.298	188	1510	0.400	ng/ul	#	0.00
17) Chrysene-d12	21.470	240	1434	0.400	ng/ul	#	0.00
23) Perylene-d12	23.873	264	1200	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.299	96	722	1.828	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.323	152	3029	1.204	ng/ul		0.00
18) Fluoranthene-d10	19.319	212	5983	1.408	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.332	88	768	1.748	ng/ul	#	72
5) Naphthalene	10.783	128	6019	1.402	ng/ul		99
7) 2-Methylnaphthalene	12.394	142	3976	1.266	ng/ul		100
8) 1-Methylnaphthalene	12.614	142	3965	1.252	ng/ul		100
10) Acenaphthylene	14.280	152	4788	1.456	ng/ul		98
11) Acenaphthene	14.623	153	3994	1.508	ng/ul		100
12) Fluorene	15.604	166	4512	1.380	ng/ul		99
14) Pentachlorophenol	16.947	266	221	0.370	ng/ul		97
15) Phenanthrene	17.336	178	7385	1.478	ng/ul		99
16) Anthracene	17.429	178	6437	1.433	ng/ul		99
19) Fluoranthene	19.351	202	8589	1.506	ng/ul	#	92
20) Pyrene	19.709	202	8482	1.424	ng/ul	#	89
21) Benzo(a)anthracene	21.456	228	7157	1.309	ng/ul		99
22) Chrysene	21.505	228	8114	1.367	ng/ul		99
24) Benzo(b)fluoranthene	23.139	252	7771	1.548	ng/ul		97
25) Benzo(k)fluoranthene	23.186	252	8217	1.435	ng/ul	#	96
26) Benzo(a)pyrene	23.765	252	6446	1.353	ng/ul	#	96
27) Indeno(1,2,3-cd)pyrene	26.363	276	8489	1.401	ng/ul	#	80
28) Dibenzo(a,h)anthracene	26.376	278	6826	1.458	ng/ul	#	92
29) Benzo(g,h,i)perylene	27.121	276	7294	1.413	ng/ul	#	90

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013122\
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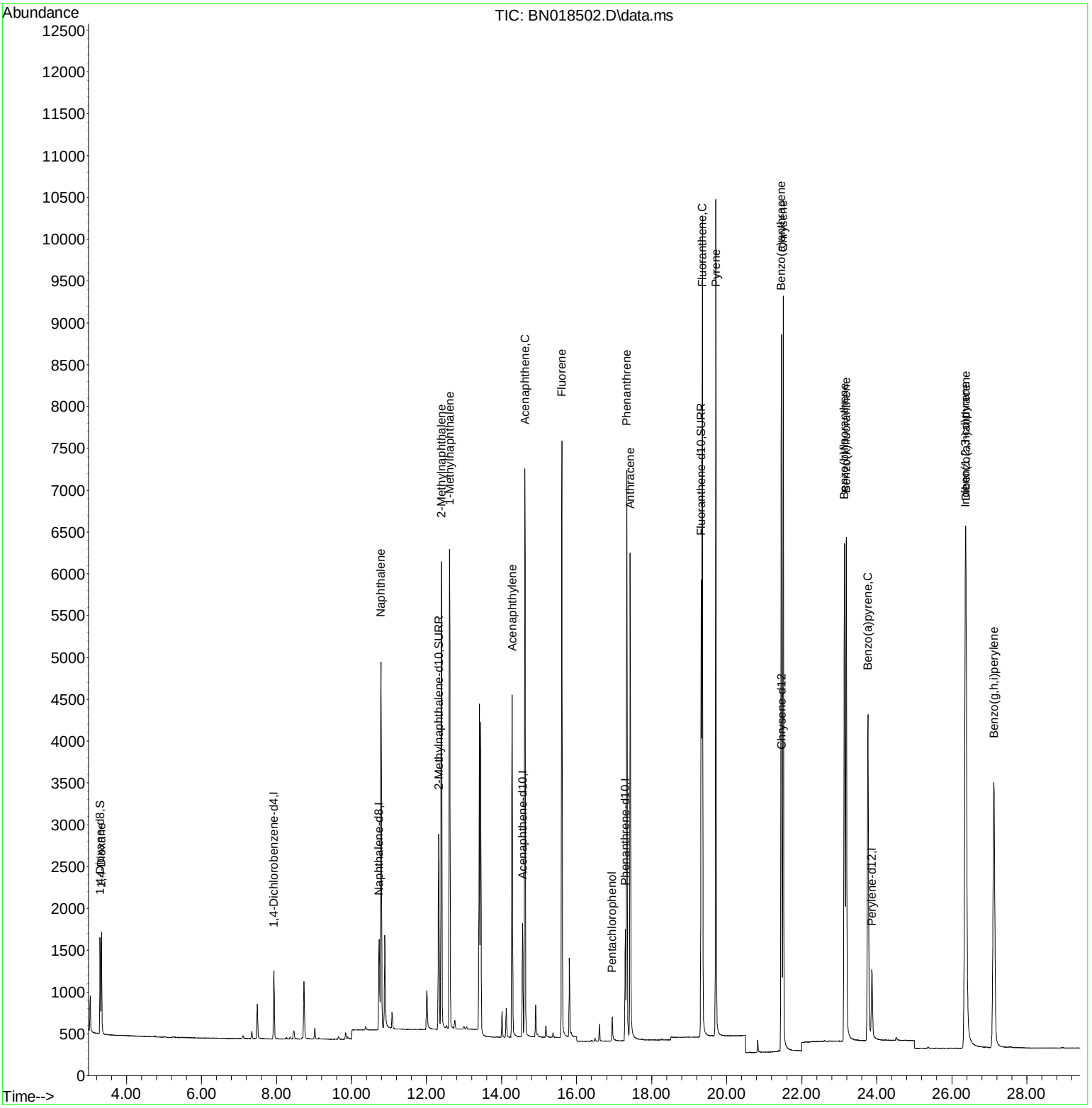
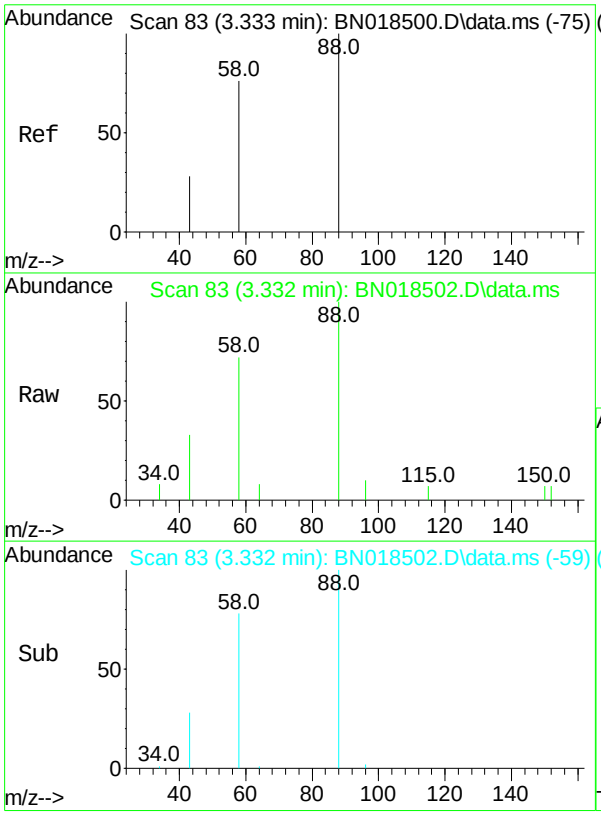
Quant Time: Feb 01 03:46:09 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN013122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 01 03:44:37 2022
Response via : Initial Calibration



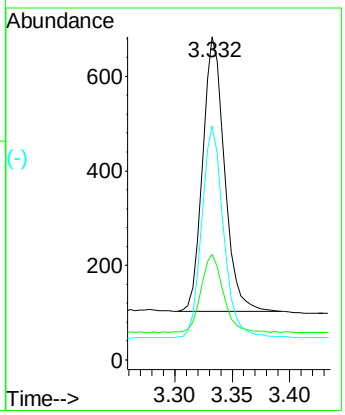


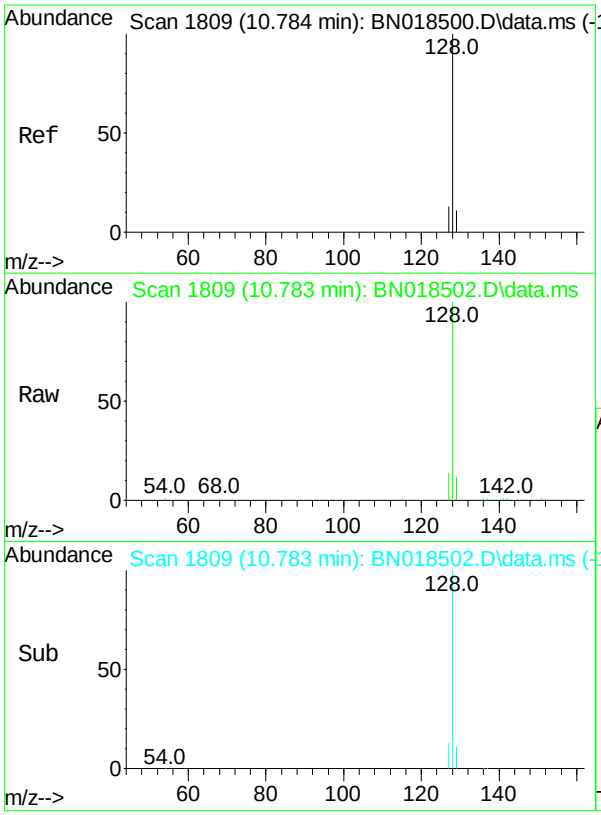
#2
1,4-Dioxane
Concen: 1.748 ng/ul
RT: 3.332 min Scan# 8
Delta R.T. -0.000 min
Lab File: BN018502.D
Acq: 31 Jan 2022 17:00

Instrument :
BNA_N
ClientSampleId :
SSTD1.6233

Tgt Ion: 88 Resp: 768

Ion	Ratio	Lower	Upper
88	100		
43	32.6	47.8	71.8#
58	72.4	46.2	69.2#

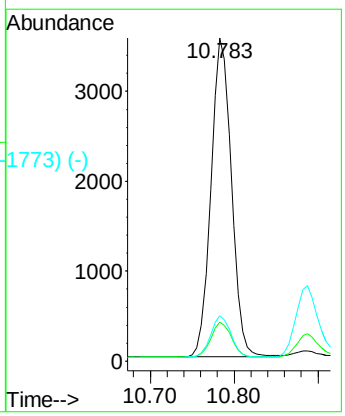


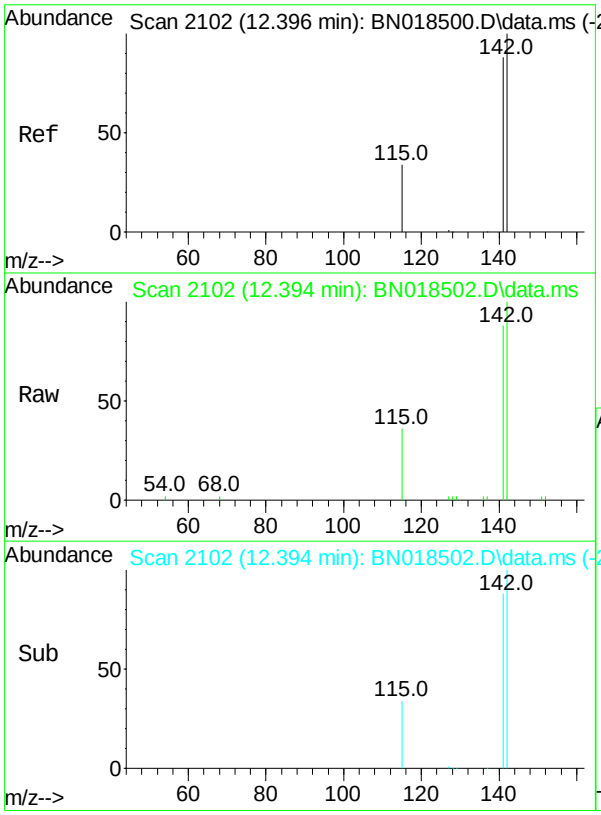


#5
Naphthalene
Concen: 1.402 ng/ul
RT: 10.783 min Scan# 1809
Delta R.T. -0.002 min
Lab File: BN018502.D
Acq: 31 Jan 2022 17:00

Tgt Ion:128 Resp: 6019

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.4	14.0
127	14.1	11.0	16.6



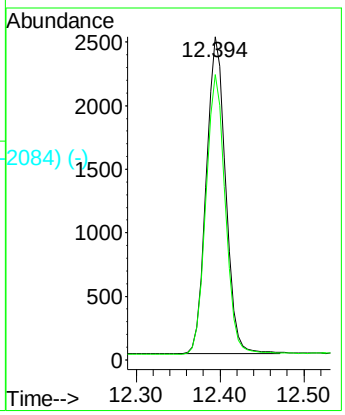


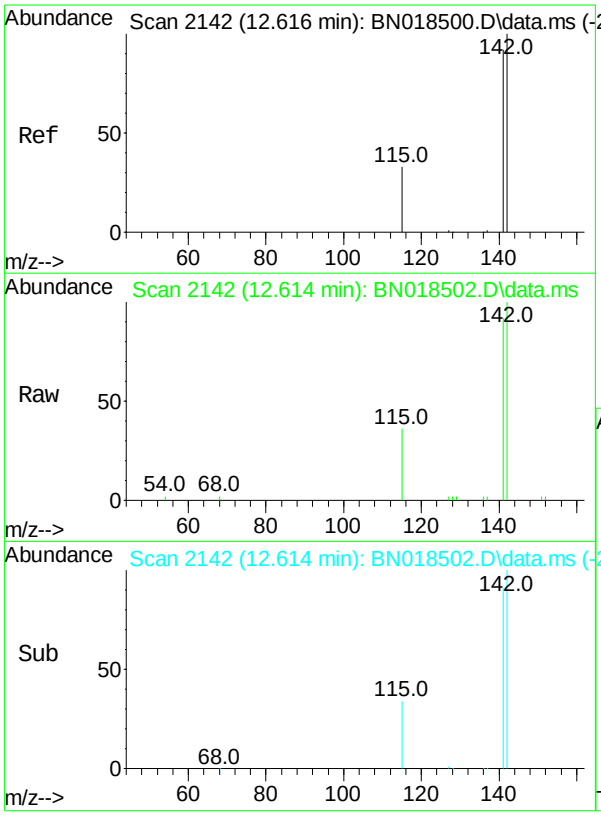
#87
2-Methylnaphthalene
Concen: 1.266 ng/ul
RT: 12.394 min Scan# 2
Delta R.T. -0.002 min
Lab File: BN018502.D
Acq: 31 Jan 2022 17:00

Instrument :
BNA_N
ClientSampleId :
SSTD1.6233

Tgt Ion:142 Resp: 3976

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.9	106.3

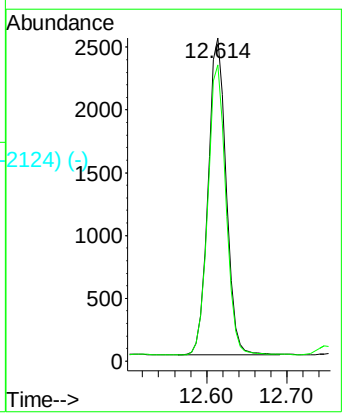


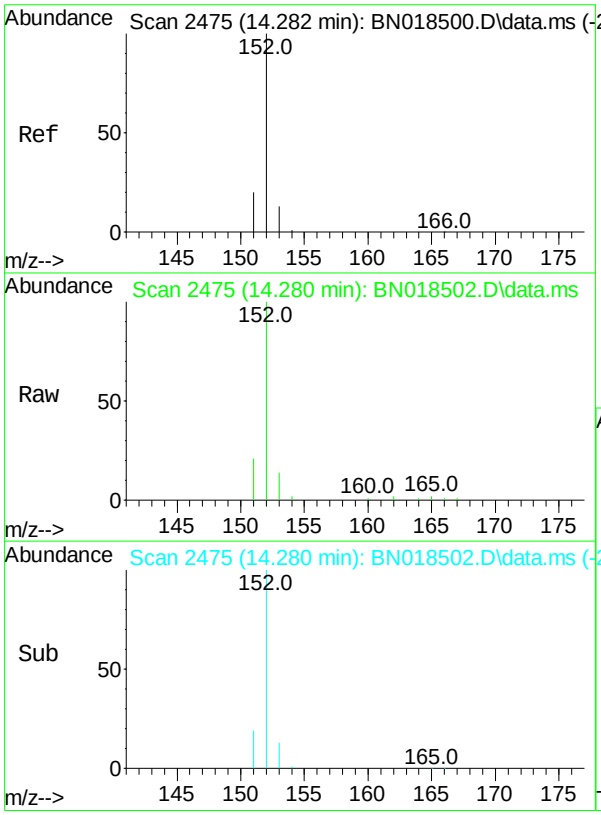


#88
1-Methylnaphthalene
Concen: 1.252 ng/ul
RT: 12.614 min Scan# 2142
Delta R.T. -0.002 min
Lab File: BN018502.D
Acq: 31 Jan 2022 17:00

Tgt Ion:142 Resp: 3965

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.2	109.8



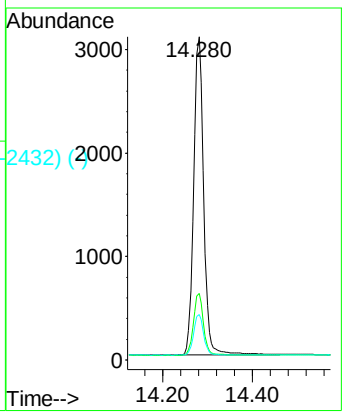


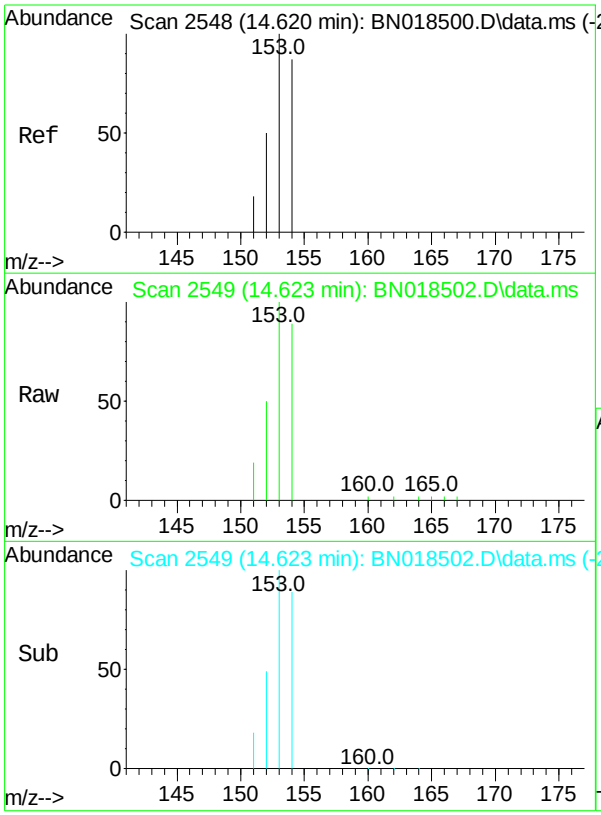
#10
Acenaphthylene
Concen: 1.456 ng/ul
RT: 14.280 min Scan# 2
Delta R.T. -0.002 min
Lab File: BN018502.D
Acq: 31 Jan 2022 17:00

Instrument :
BNA_N
ClientSampleId :
SSTD1.6233

Tgt Ion:152 Resp: 4788

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.8	23.8
153	14.1	10.7	16.1

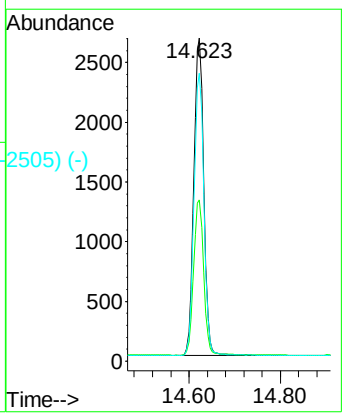


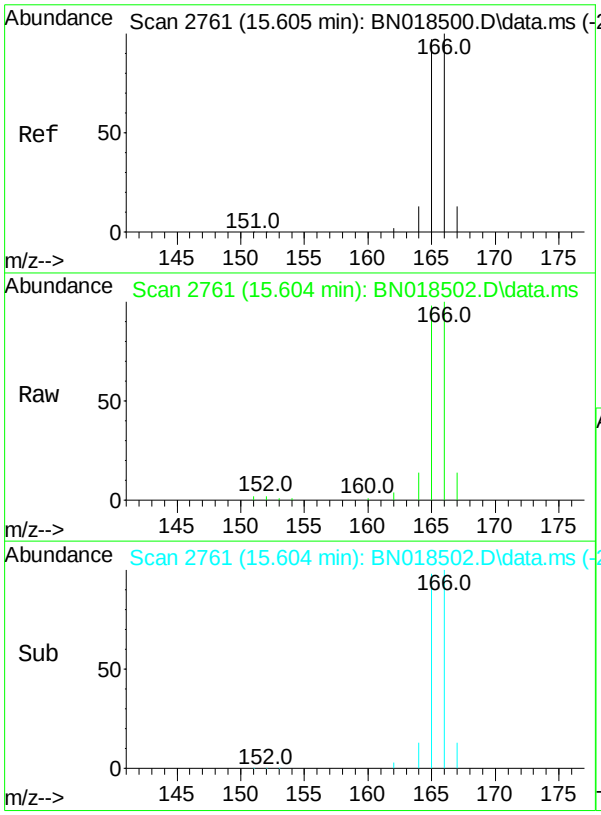


#11
Acenaphthene
Concen: 1.508 ng/ul
RT: 14.623 min Scan# 2549
Delta R.T. 0.003 min
Lab File: BN018502.D
Acq: 31 Jan 2022 17:00

Tgt Ion:153 Resp: 3994

Ion	Ratio	Lower	Upper
153	100		
152	49.9	39.7	59.5
154	89.1	70.9	106.3



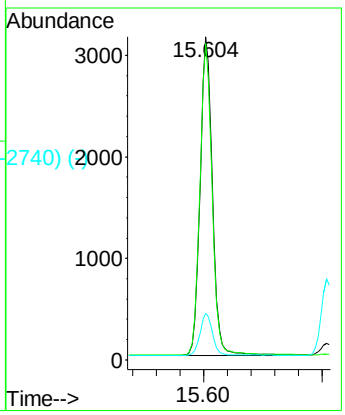


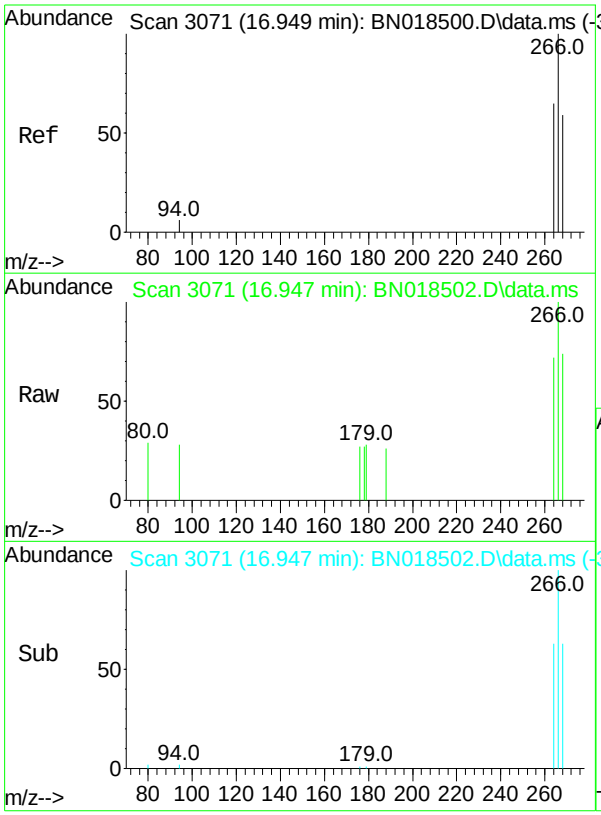
#12
Fluorene
Concen: 1.380 ng/ul
RT: 15.604 min Scan# 2
Delta R.T. -0.002 min
Lab File: BN018502.D
Acq: 31 Jan 2022 17:00

Instrument :
BNA_N
ClientSampleId :
SSTD1.6233

Tgt Ion:166 Resp: 4512

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.8	116.6
167	14.4	11.6	17.4

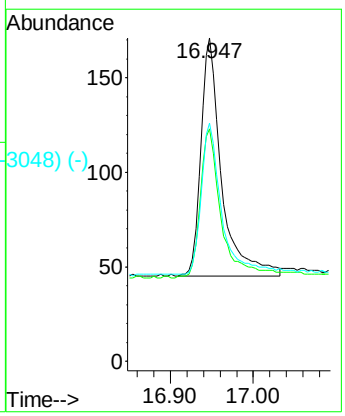


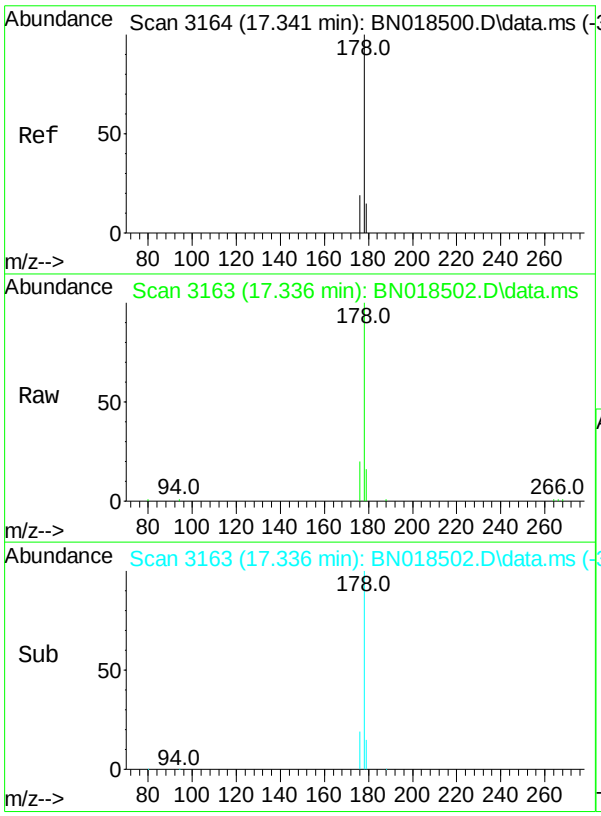


#14
Pentachlorophenol
Concen: 0.370 ng/ul
RT: 16.947 min Scan# 3071
Delta R.T. -0.001 min
Lab File: BN018502.D
Acq: 31 Jan 2022 17:00

Tgt Ion:266 Resp: 221

Ion	Ratio	Lower	Upper
266	100		
264	63.8	49.9	74.9
268	62.0	51.7	77.5



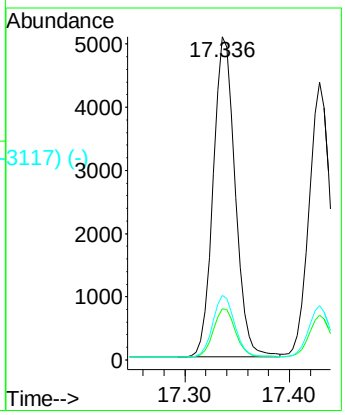


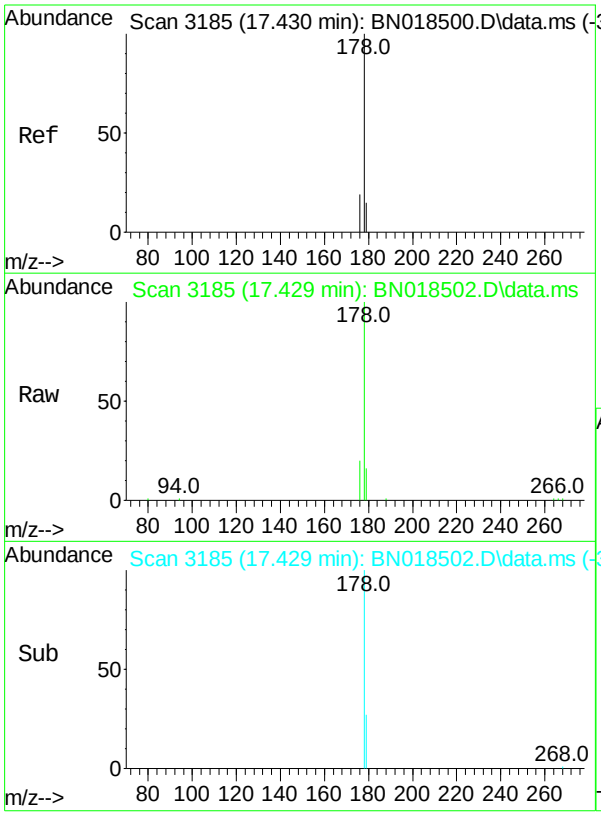
#14
Phenanthrene
Concen: 1.478 ng/ul
RT: 17.336 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN018502.D
Acq: 31 Jan 2022 17:00

Instrument :
BNA_N
ClientSampleId :
SSTD1.6233

Tgt Ion:178 Resp: 7385

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.2	18.4
176	20.0	15.4	23.2

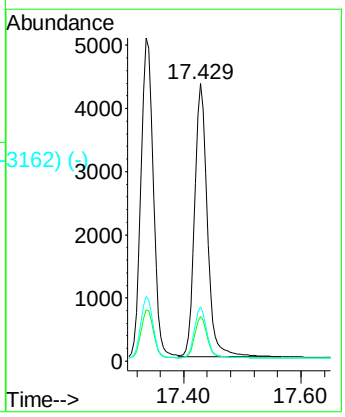


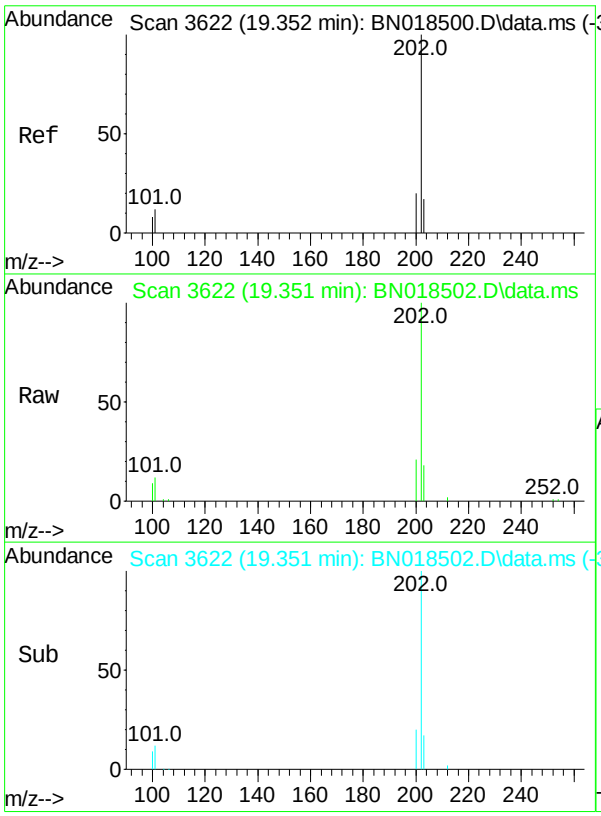


#16
Anthracene
Concen: 1.433 ng/ul
RT: 17.429 min Scan# 3185
Delta R.T. -0.001 min
Lab File: BN018502.D
Acq: 31 Jan 2022 17:00

Tgt Ion:178 Resp: 6437

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.3	18.5
176	19.7	15.5	23.3



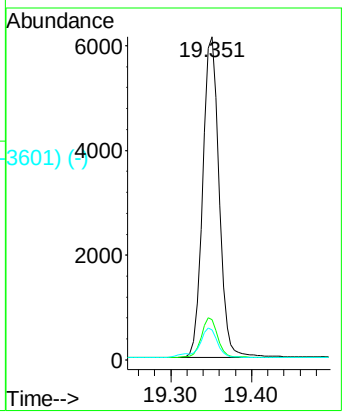


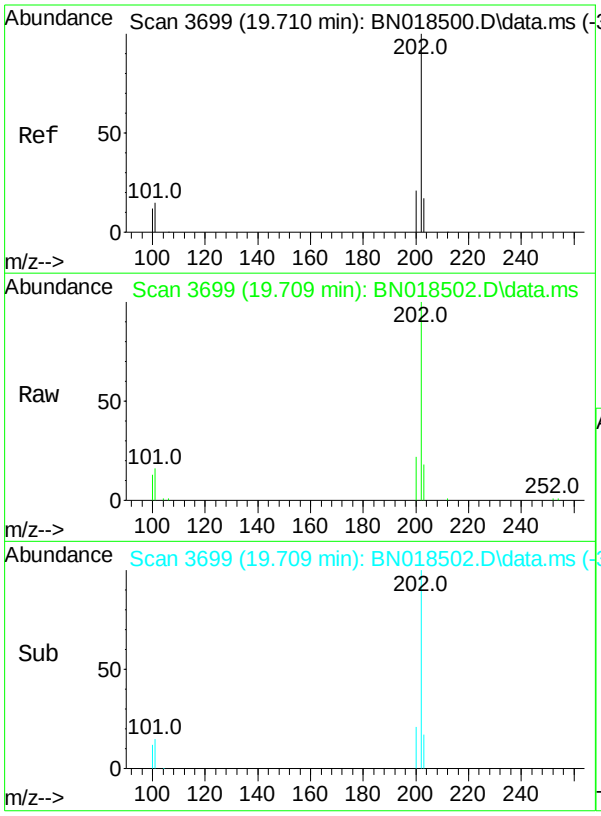
#19
Fluoranthene
Concen: 1.506 ng/ul
RT: 19.351 min Scan# 1
Delta R.T. -0.001 min
Lab File: BN018502.D
Acq: 31 Jan 2022 17:00

Instrument :
BNA_N
ClientSampleId :
SSTD1.6233

Tgt Ion:202 Resp: 8589

Ion	Ratio	Lower	Upper
202	100		
101	12.4	7.5	11.3#
100	9.2	5.4	8.2#

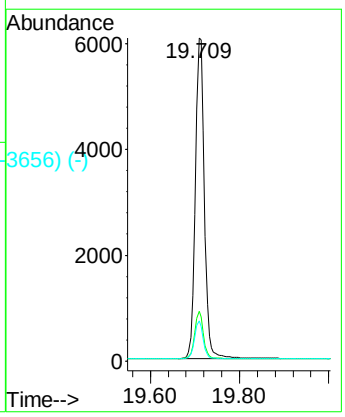


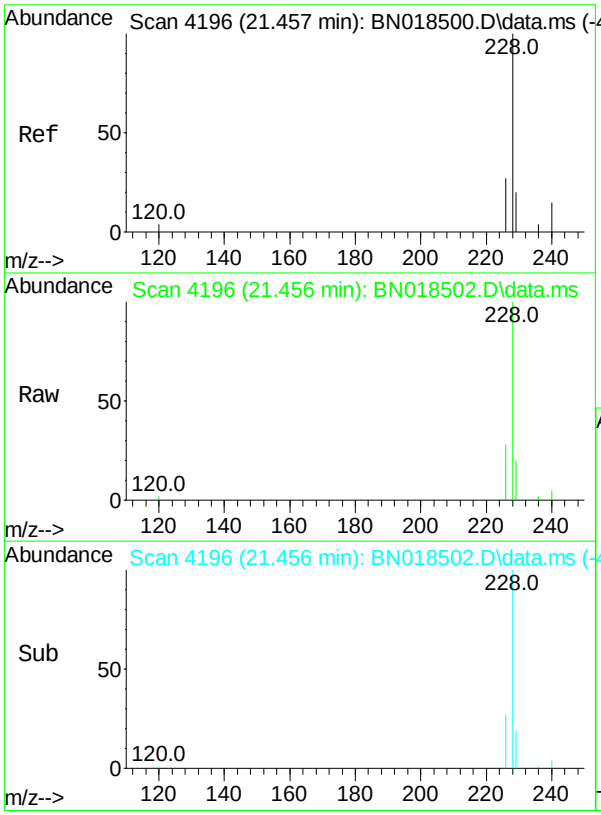


#20
Pyrene
Concen: 1.424 ng/ul
RT: 19.709 min Scan# 3699
Delta R.T. -0.001 min
Lab File: BN018502.D
Acq: 31 Jan 2022 17:00

Tgt Ion:202 Resp: 8482

Ion	Ratio	Lower	Upper
202	100		
101	15.5	9.0	13.4#
100	12.5	7.0	10.4#



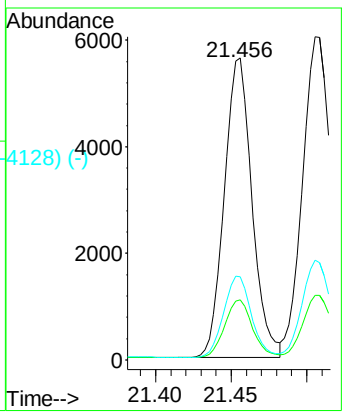


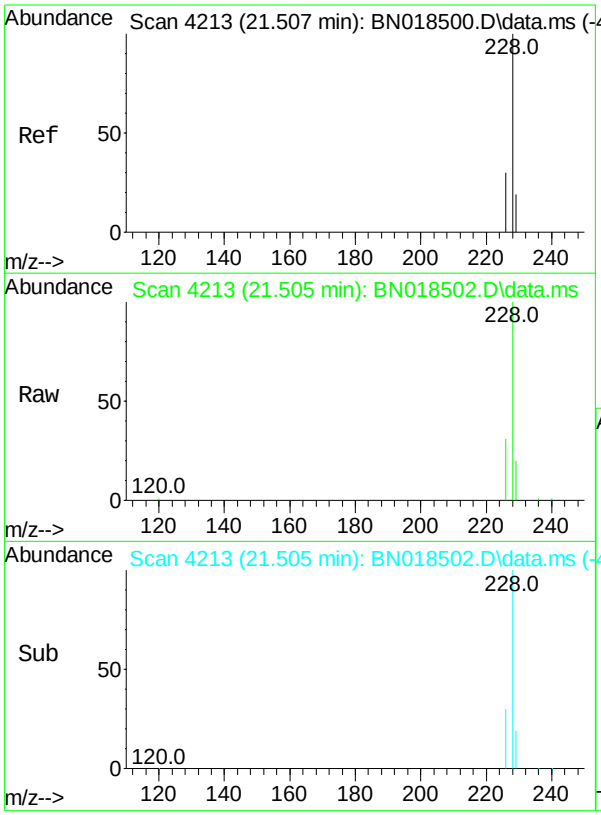
#21
Benzo(a)anthracene
Concen: 1.309 ng/ul
RT: 21.456 min Scan# 4
Delta R.T. -0.001 min
Lab File: BN018502.D
Acq: 31 Jan 2022 17:00

Instrument :
BNA_N
ClientSampleId :
SSTD1.6233

Tgt Ion:228 Resp: 7157

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.6	23.4
226	27.5	22.1	33.1

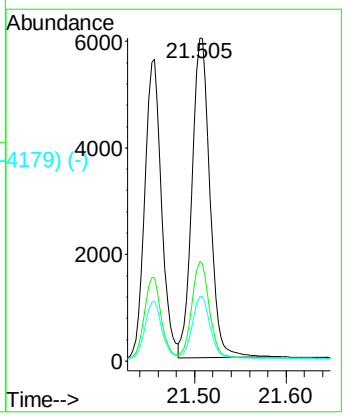


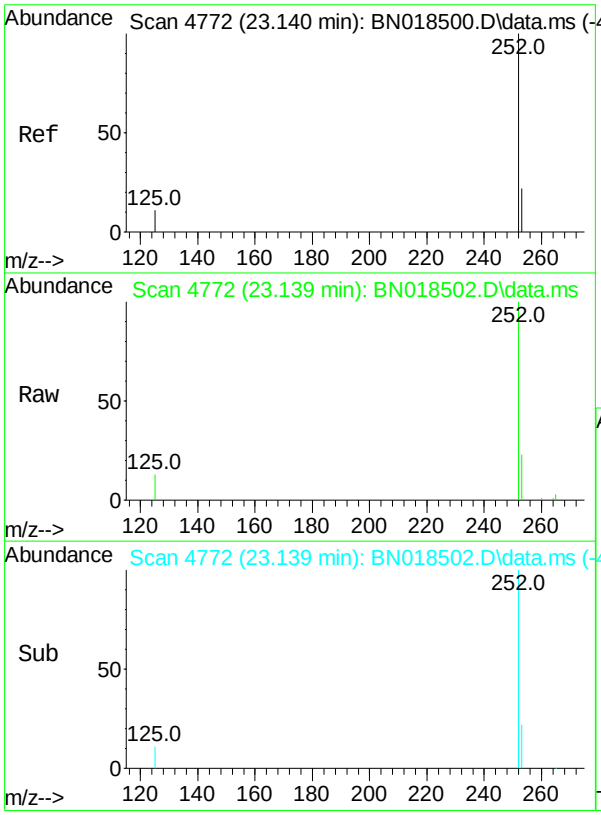


#22
Chrysene
Concen: 1.367 ng/ul
RT: 21.505 min Scan# 4213
Delta R.T. -0.001 min
Lab File: BN018502.D
Acq: 31 Jan 2022 17:00

Tgt Ion:228 Resp: 8114

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.2	36.4
229	19.9	15.7	23.5



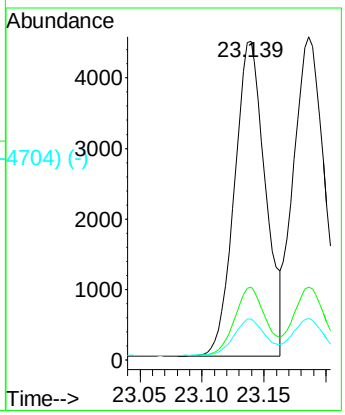


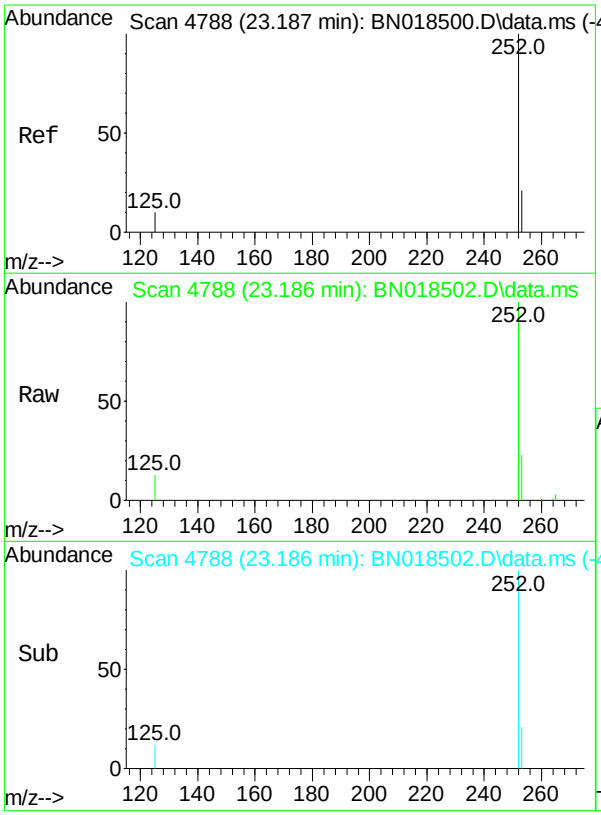
#24
Benzo(b)fluoranthene
Concen: 1.548 ng/ul
RT: 23.139 min Scan# 4
Delta R.T. -0.001 min
Lab File: BN018502.D
Acq: 31 Jan 2022 17:00

Instrument :
BNA_N
ClientSampleId :
SSTD1.6233

Tgt Ion:252 Resp: 7771

Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	46.4
125	12.7	0.0	17.8

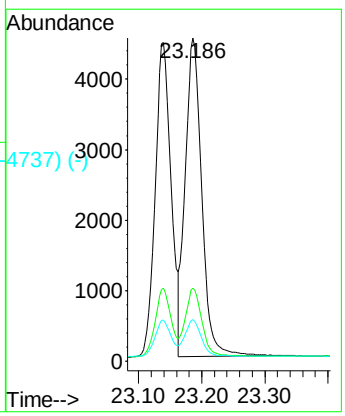


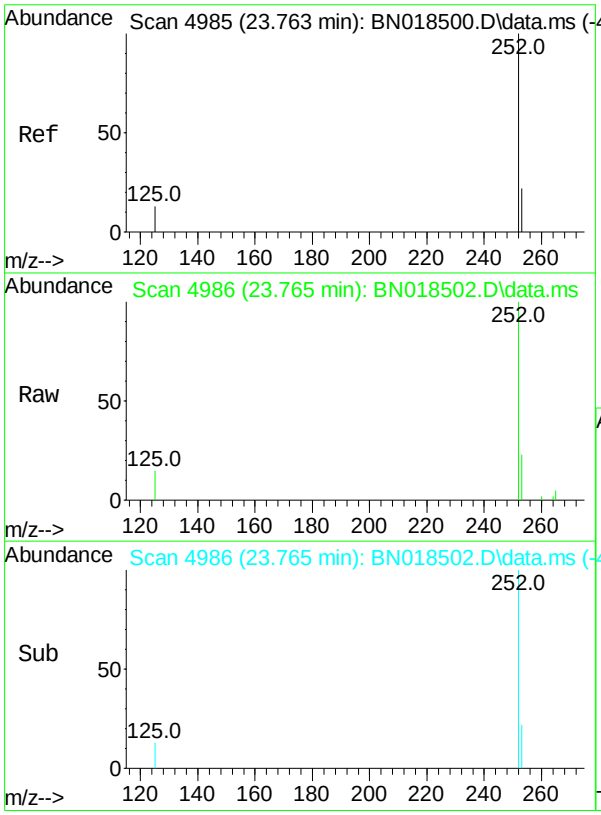


#25
Benzo(k)fluoranthene
Concen: 1.435 ng/ul
RT: 23.186 min Scan# 4788
Delta R.T. -0.001 min
Lab File: BN018502.D
Acq: 31 Jan 2022 17:00

Tgt Ion:252 Resp: 8217

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.6	28.0
125	12.8	7.3	10.9#



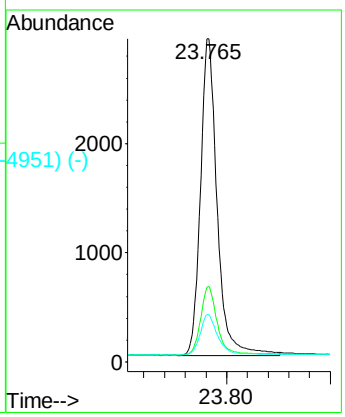


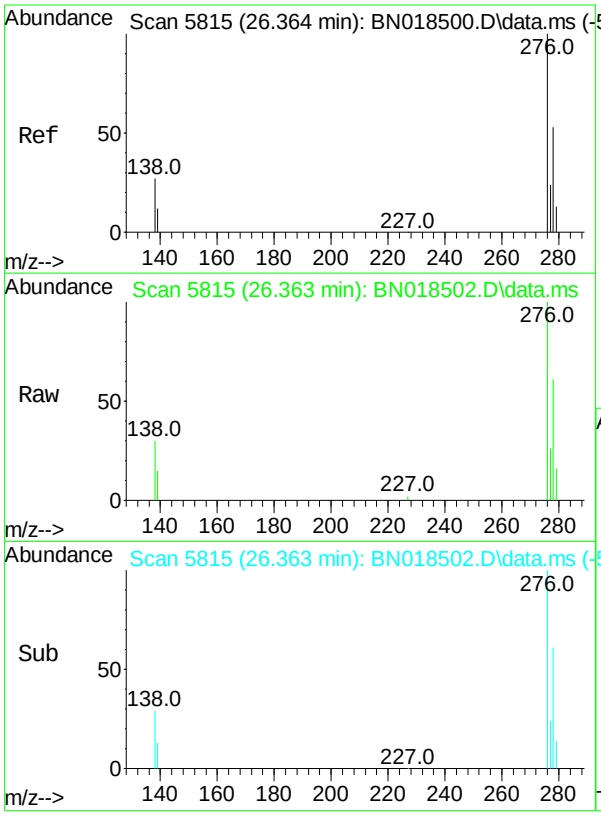
#26
Benzo(a)pyrene
Concen: 1.353 ng/ul
RT: 23.765 min Scan# 4
Delta R.T. 0.002 min
Lab File: BN018502.D
Acq: 31 Jan 2022 17:00

Instrument :
BNA_N
ClientSampleId :
SSTD1.6233

Tgt Ion:252 Resp: 6446

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.9	28.3
125	14.7	8.2	12.2#

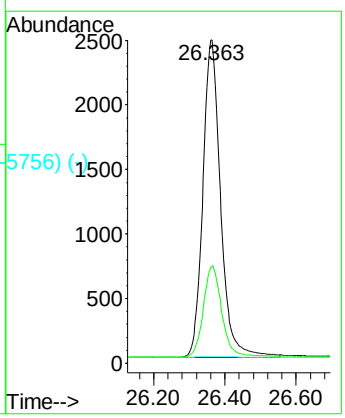


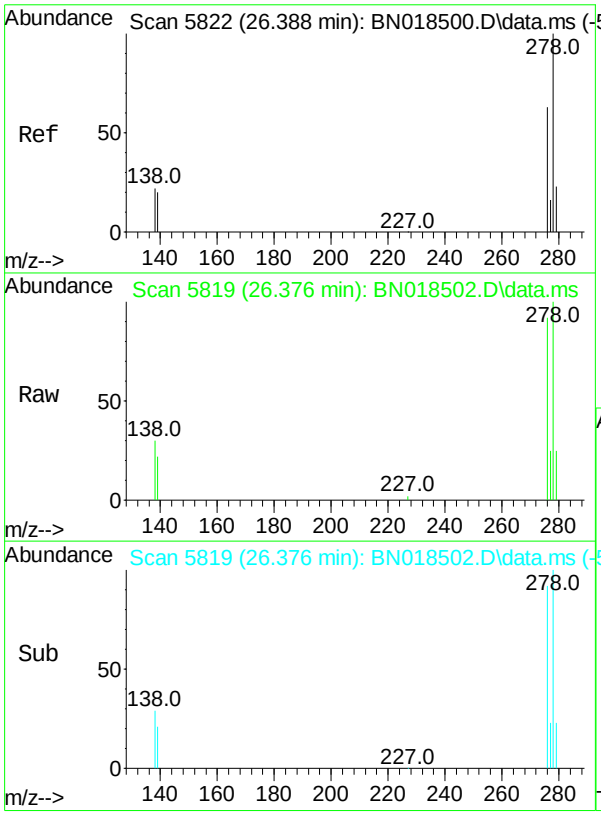


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.401 ng/ul
RT: 26.363 min Scan# 5815
Delta R.T. -0.001 min
Lab File: BN018502.D
Acq: 31 Jan 2022 17:00

Tgt Ion:276 Resp: 8489

Ion	Ratio	Lower	Upper
276	100		
138	29.9	16.5	24.7#
227	0.2	0.1	0.1#



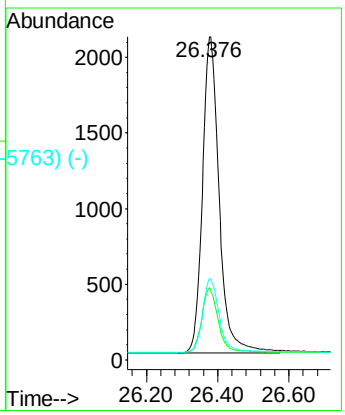


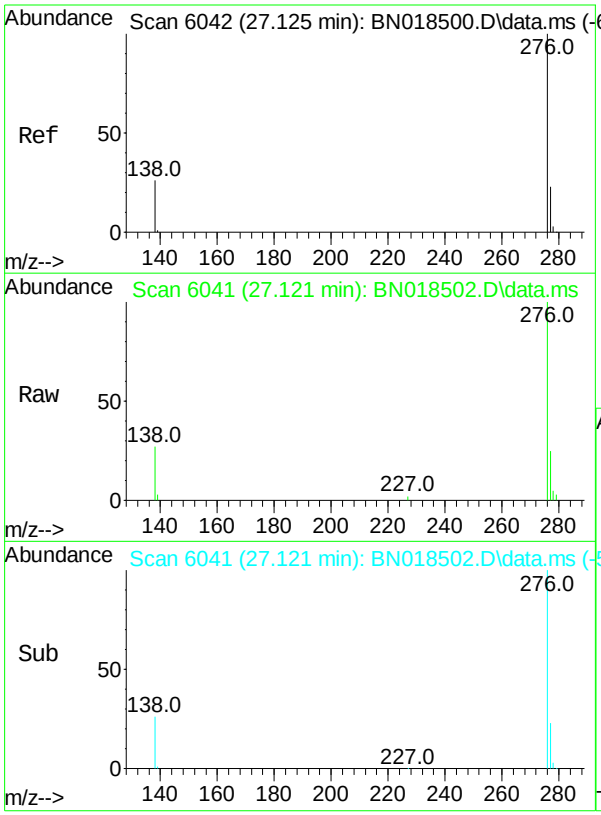
#28
Dibenzo(a,h)anthracene
Concen: 1.458 ng/ul
RT: 26.376 min Scan# 5
Delta R.T. -0.011 min
Lab File: BN018502.D
Acq: 31 Jan 2022 17:00

Instrument :
BNA_N
ClientSampleId :
SSTD1.6233

Tgt Ion:278 Resp: 6826

Ion	Ratio	Lower	Upper
278	100		
139	22.3	11.9	17.9#
279	25.4	19.5	29.3





#29
Benzo(g,h,i)perylene
Concen: 1.413 ng/ul
RT: 27.121 min Scan# 6041
Delta R.T. -0.005 min
Lab File: BN018502.D
Acq: 31 Jan 2022 17:00

Tgt Ion:276 Resp: 7294

Ion	Ratio	Lower	Upper
276	100		
138	27.4	14.4	21.6#
277	25.0	19.2	28.8