Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020222\
Data File : BN018547.D
Acq On : 02 Feb 2022 13:34
Operator : CG/JU
Sample : SSTD3.241
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD3.2241

Quant Time: Feb 02 14:03:56 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN020222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 02 13:41:15 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.927	152	427	0.400	ng/ul	0.00
4) Naphthalene-d8	10.733	136	1497	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.558	164	800	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.294	188	1550	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.465	240	1507	0.400	ng/ul	# 0.00
23) Perylene-d12	23.859	264	1173	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.295	96	1437	2.922	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.317	152	6400	3.170	ng/ul	0.00
18) Fluoranthene-d10	19.319	212	12572	2.986	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.333	88	1528	2.956	ng/ul#	71
5) Naphthalene	10.783	128	12421	3.013	ng/ul	99
7) 2-Methylnaphthalene	12.389	142	8384	3.205	ng/ul	100
8) 1-Methylnaphthalene	12.609	142	8286	3.095	ng/ul	100
10) Acenaphthylene	14.276	152	10229	3.075	ng/ul	100
11) Acenaphthene	14.618	153	8487	3.069	ng/ul	100
12) Fluorene	15.599	166	9738	3.289	ng/ul	99
14) Pentachlorophenol	16.943	266	920	6.679	ng/ul	99
15) Phenanthrene	17.332	178	15502	3.103	ng/ul	100
16) Anthracene	17.425	178	13917	3.375	ng/ul	99
19) Fluoranthene	19.347	202	18144	3.117	ng/ul#	94
20) Pyrene	19.709	202	17767	2.972	ng/ul#	94
21) Benzo(a)anthracene	21.447	228	15365	3.098	ng/ul	100
22) Chrysene	21.500	228	16982	2.971	ng/ul	100
24) Benzo(b)fluoranthene	23.128	252	16375	3.348	ng/ul	96
25) Benzo(k)fluoranthene	23.174	252	16705	3.258	ng/ul#	96
26) Benzo(a)pyrene	23.753	252	13462	3.309	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.346	276	17679	3.335	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.363	278	14230	3.417	ng/ul#	95
29) Benzo(g,h,i)perylene	27.101	276	15049	3.261	ng/ul#	92

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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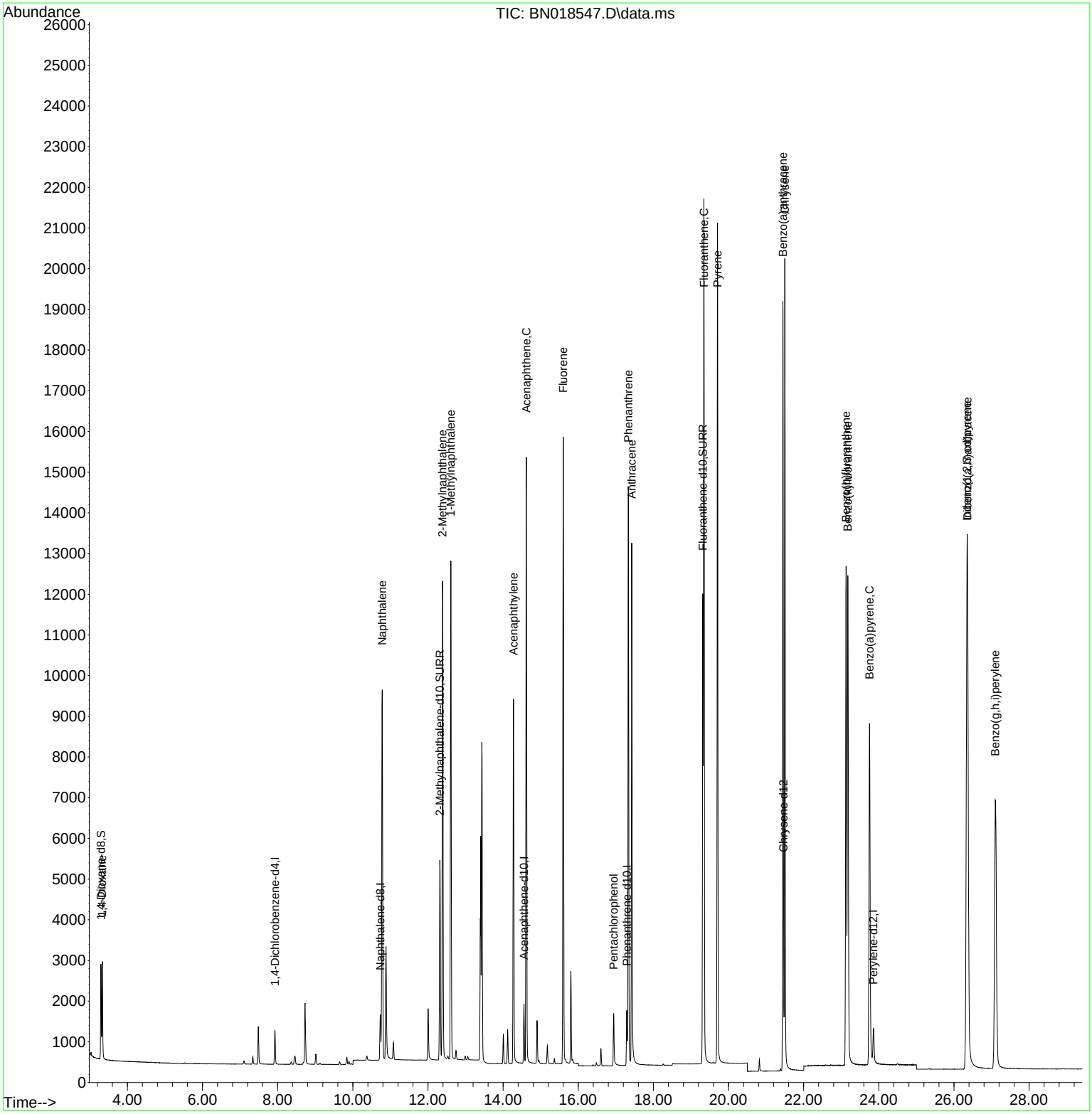
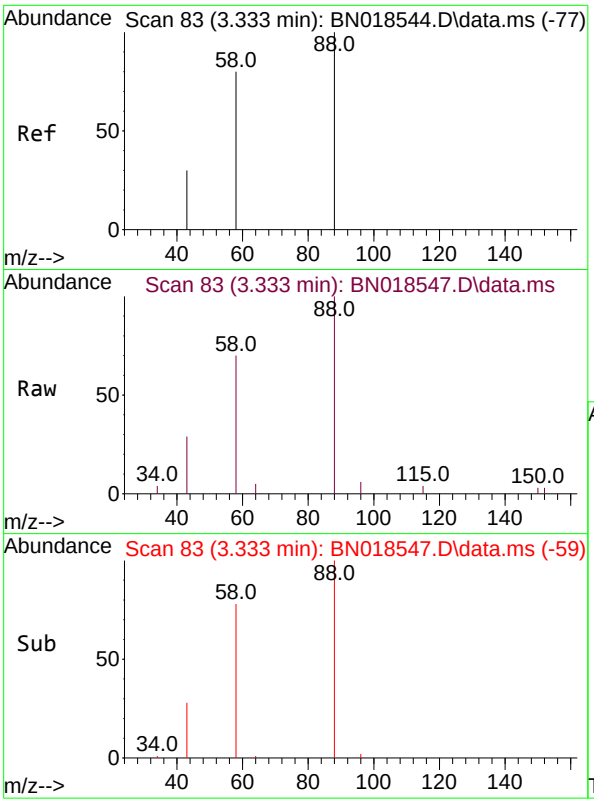


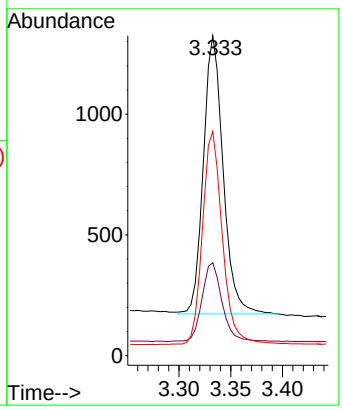


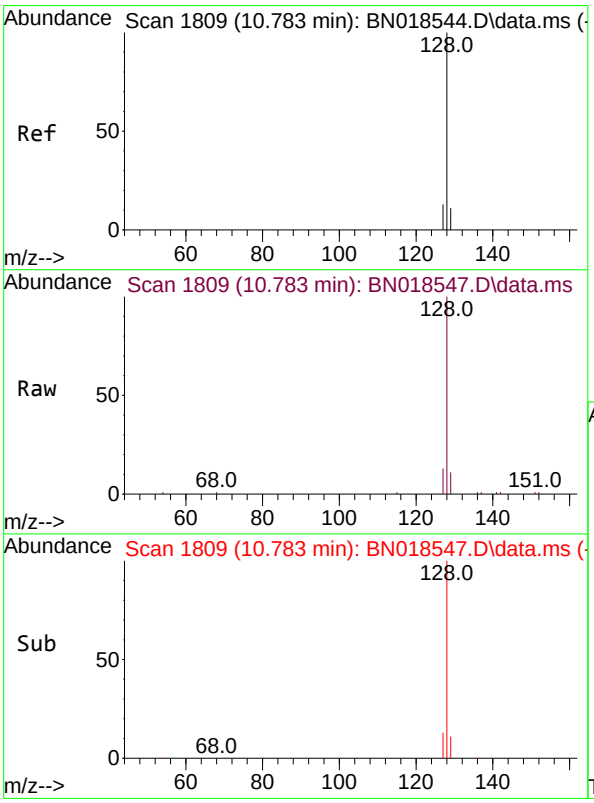
#2
1,4-Dioxane
Concen: 2.956 ng/ul
RT: 3.333 min Scan# 8
Delta R.T. 0.000 min
Lab File: BN018547.D
Acq: 02 Feb 2022 13:34

Instrument :
BNA_N
ClientSampleId :
SSTD3.2241

Tgt Ion: 88 Resp: 1528

Ion	Ratio	Lower	Upper
88	100		
43	29.1	47.8	71.8#
58	70.0	46.2	69.2#

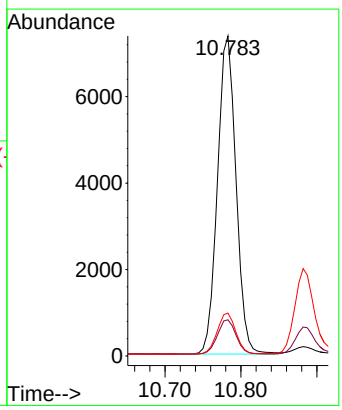


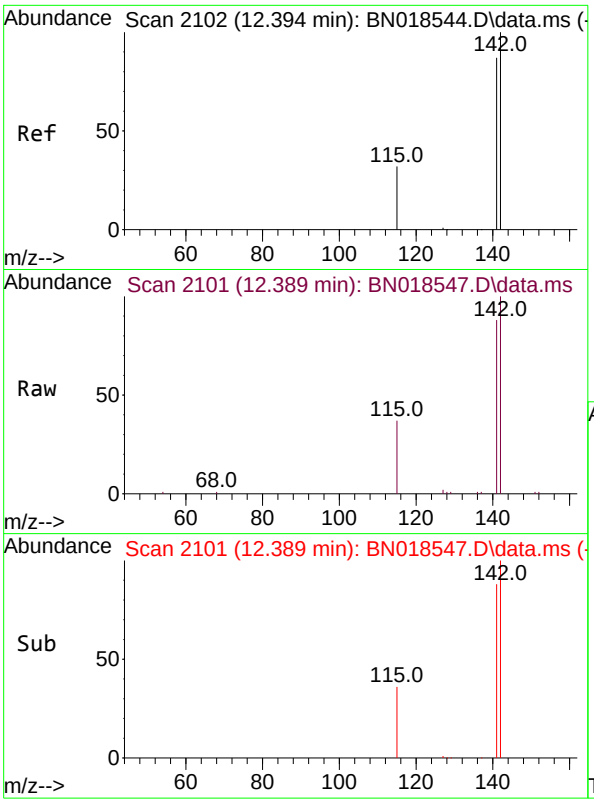


#5
Naphthalene
Concen: 3.013 ng/ul
RT: 10.783 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BN018547.D
Acq: 02 Feb 2022 13:34

Tgt Ion:128 Resp: 12421

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.0
127	13.4	11.0	16.6



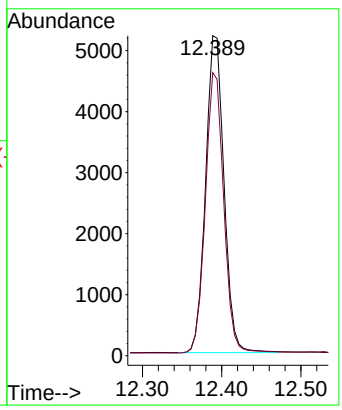


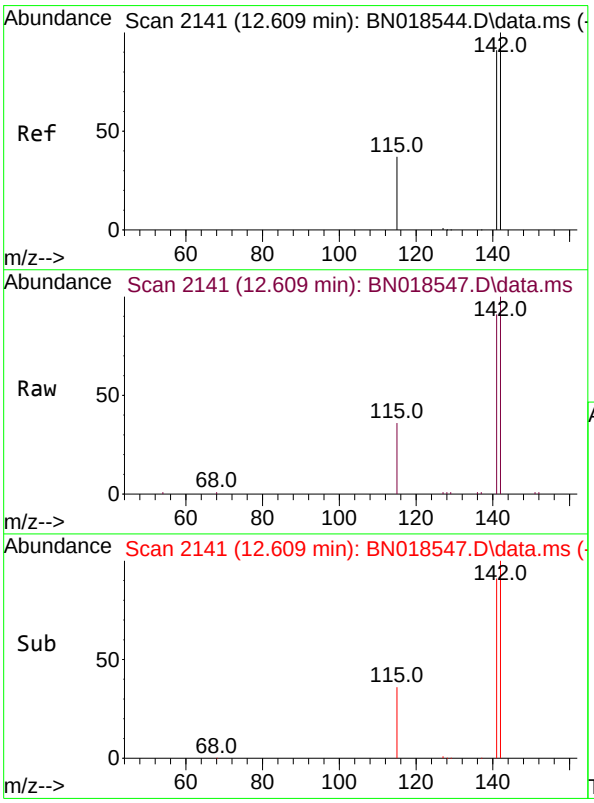
#7
2-Methylnaphthalene
Concen: 3.205 ng/ul
RT: 12.389 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN018547.D
Acq: 02 Feb 2022 13:34

Instrument :
BNA_N
ClientSampleId :
SSTD3.2241

Tgt Ion:142 Resp: 8384

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.9	106.3

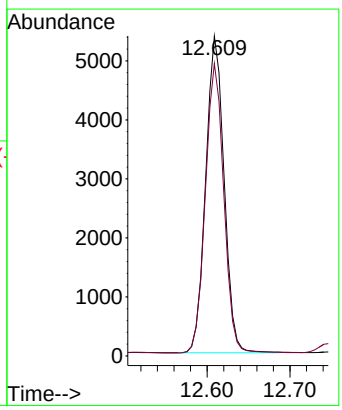


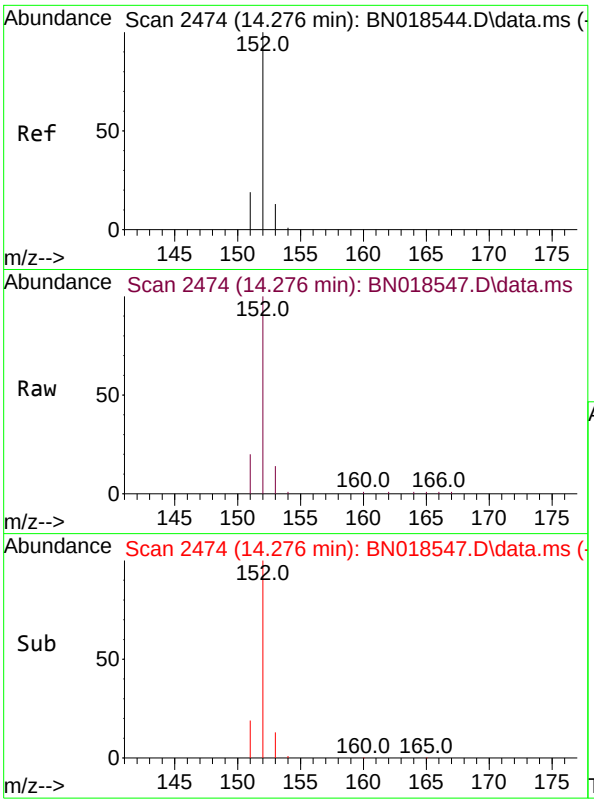


#8
1-Methylnaphthalene
Concen: 3.095 ng/ul
RT: 12.609 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BN018547.D
Acq: 02 Feb 2022 13:34

Tgt Ion:142 Resp: 8286

Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.2	109.8



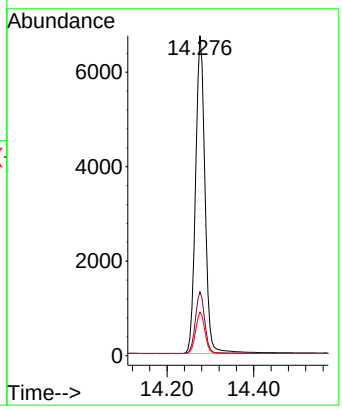


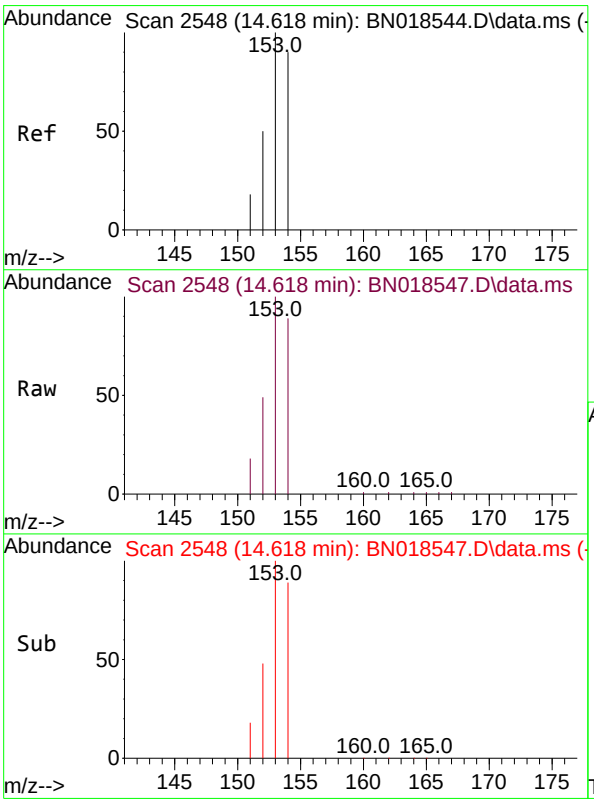
#10
Acenaphthylene
Concen: 3.075 ng/ul
RT: 14.276 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN018547.D
Acq: 02 Feb 2022 13:34

Instrument :
BNA_N
ClientSampleId :
SSTD3.2241

Tgt Ion:152 Resp: 10229

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	13.6	10.7	16.1

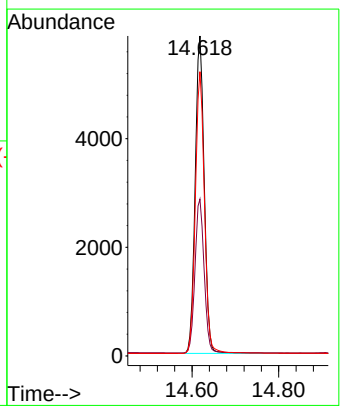


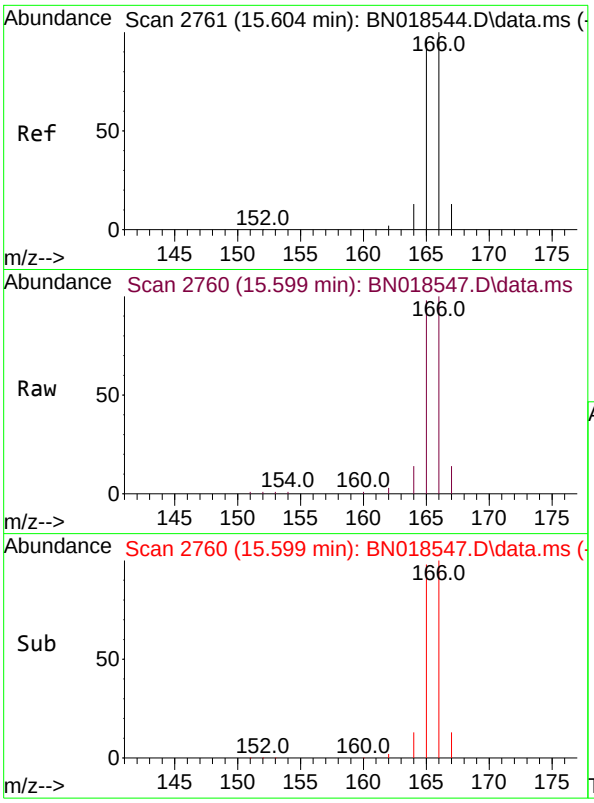


#11
Acenaphthene
Concen: 3.069 ng/ul
RT: 14.618 min Scan# 2548
Delta R.T. 0.000 min
Lab File: BN018547.D
Acq: 02 Feb 2022 13:34

Tgt Ion:153 Resp: 8487

Ion	Ratio	Lower	Upper
153	100		
152	49.0	39.7	59.5
154	88.9	70.9	106.3



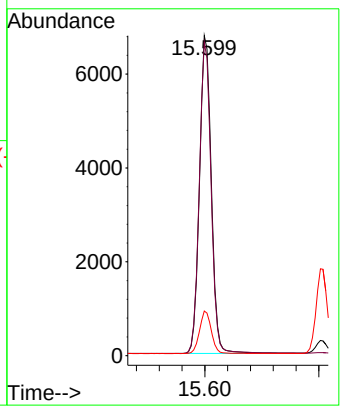


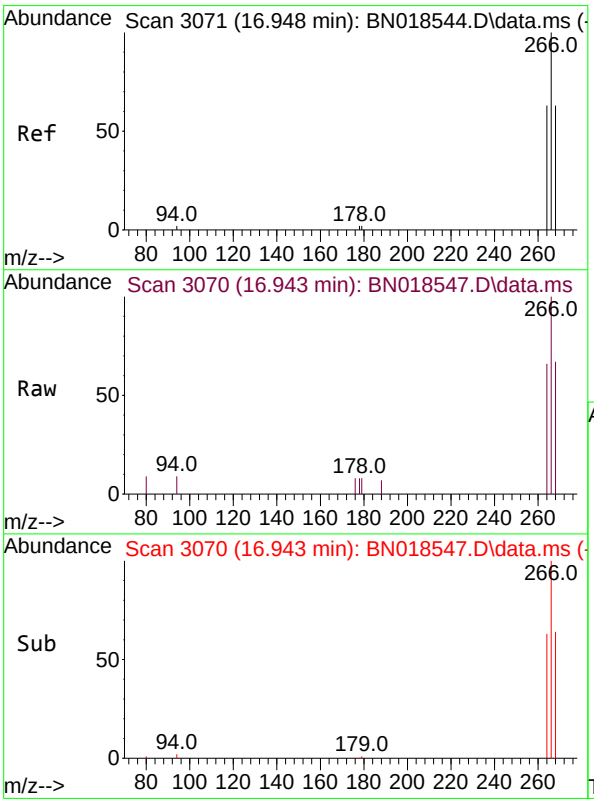
#12
Fluorene
Concen: 3.289 ng/ul
RT: 15.599 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN018547.D
Acq: 02 Feb 2022 13:34

Instrument :
BNA_N
ClientSampleId :
SSTD3.2241

Tgt Ion:166 Resp: 9738

Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.8	116.6
167	13.9	11.6	17.4

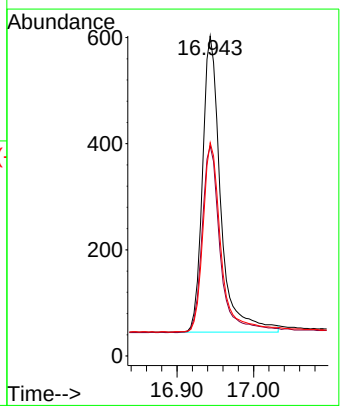


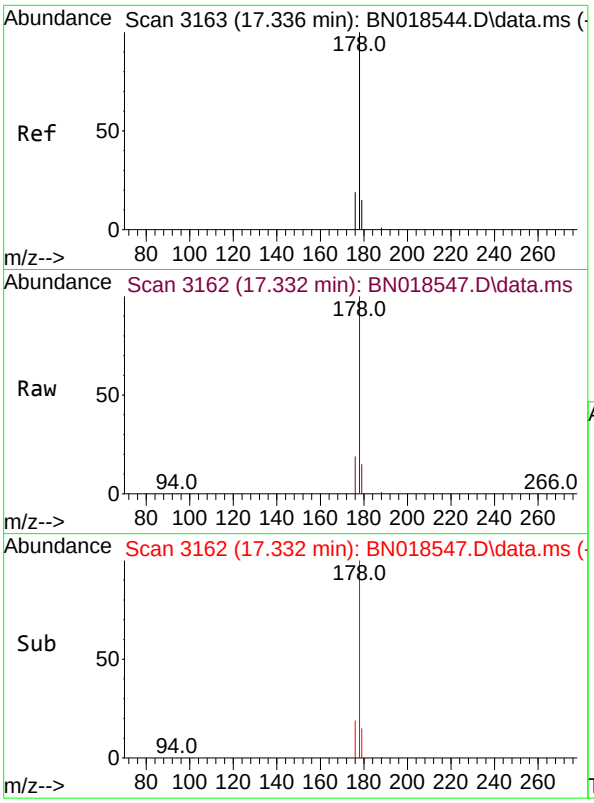


#14
Pentachlorophenol
Concen: 6.679 ng/ul
RT: 16.943 min Scan# 3070
Delta R.T. -0.004 min
Lab File: BN018547.D
Acq: 02 Feb 2022 13:34

Tgt Ion:266 Resp: 920

Ion	Ratio	Lower	Upper
266	100		
264	63.3	49.9	74.9
268	63.8	51.7	77.5



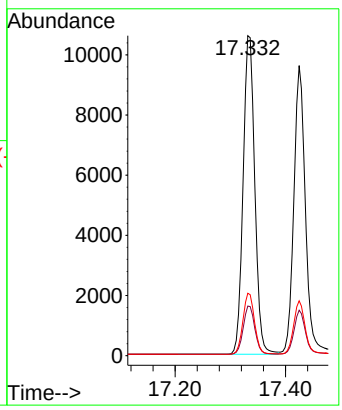


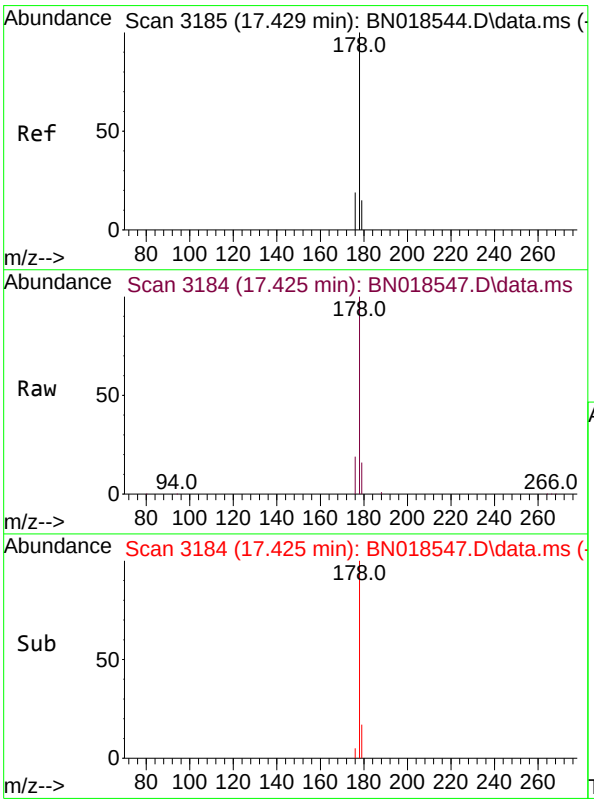
#15
Phenanthrene
Concen: 3.103 ng/ul
RT: 17.332 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN018547.D
Acq: 02 Feb 2022 13:34

Instrument :
BNA_N
ClientSampleId :
SSTD3.2241

Tgt Ion:178 Resp: 15502

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.4
176	19.5	15.4	23.2

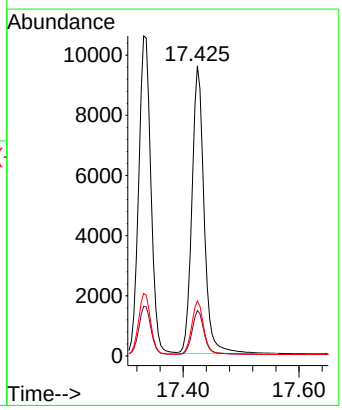


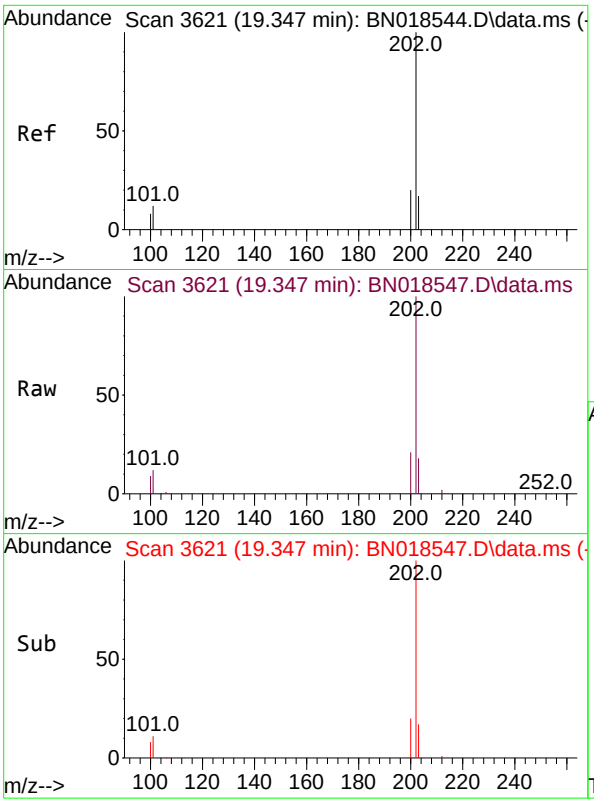


#16
Anthracene
Concen: 3.375 ng/ul
RT: 17.425 min Scan# 3184
Delta R.T. -0.004 min
Lab File: BN018547.D
Acq: 02 Feb 2022 13:34

Tgt Ion:178 Resp: 13917

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	18.9	15.5	23.3



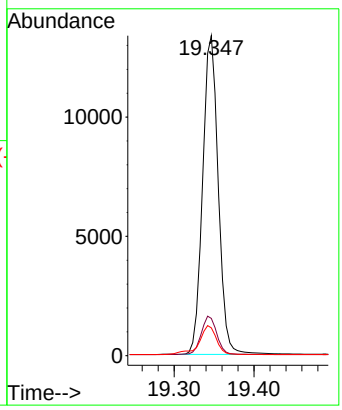


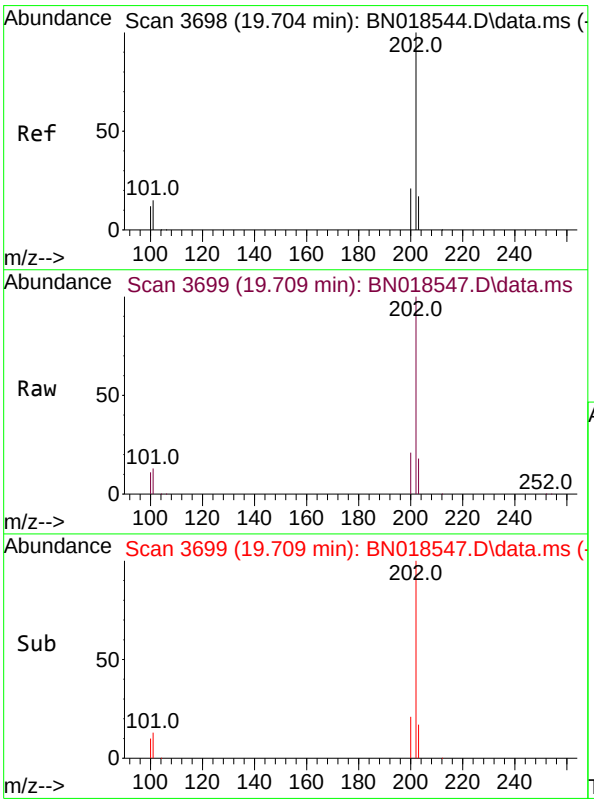
#19
Fluoranthene
Concen: 3.117 ng/ul
RT: 19.347 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN018547.D
Acq: 02 Feb 2022 13:34

Instrument :
BNA_N
ClientSampleId :
SSTD3.2241

Tgt Ion:202 Resp: 18144

Ion	Ratio	Lower	Upper
202	100		
101	11.7	7.5	11.3#
100	8.7	5.4	8.2#

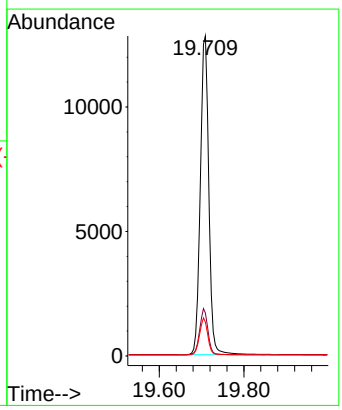


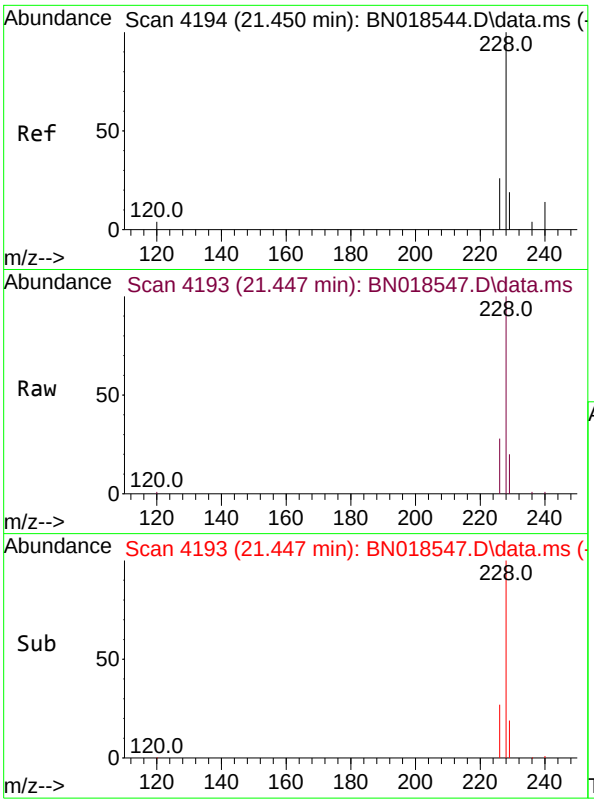


#20
Pyrene
Concen: 2.972 ng/ul
RT: 19.709 min Scan# 3699
Delta R.T. 0.005 min
Lab File: BN018547.D
Acq: 02 Feb 2022 13:34

Tgt Ion:202 Resp: 17767

Ion	Ratio	Lower	Upper
202	100		
101	13.4	9.0	13.4
100	10.6	7.0	10.4#



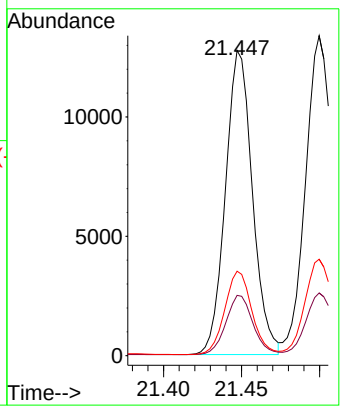


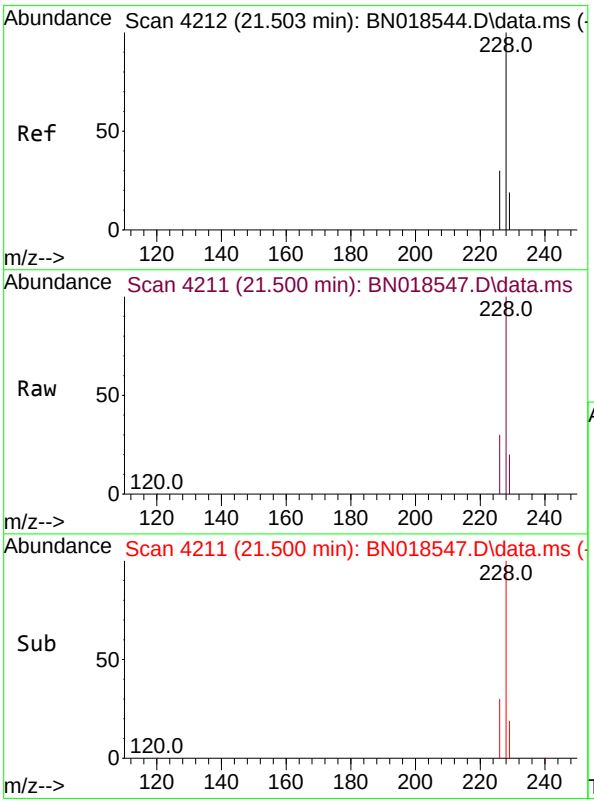
#21
Benzo(a)anthracene
Concen: 3.098 ng/ul
RT: 21.447 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN018547.D
Acq: 02 Feb 2022 13:34

Instrument :
BNA_N
ClientSampleId :
SSTD3.2241

Tgt Ion:228 Resp: 15365

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.6	23.4
226	27.7	22.1	33.1

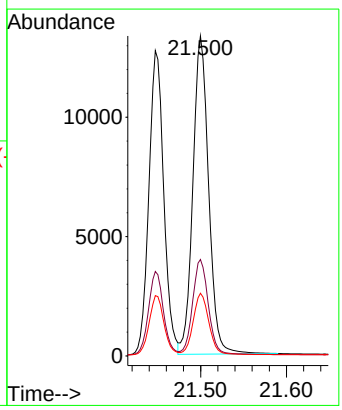


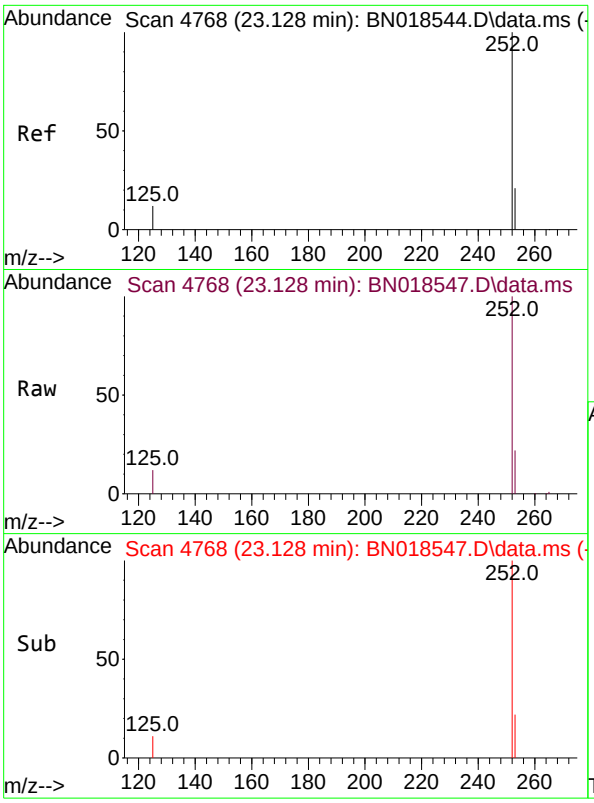


#22
Chrysene
Concen: 2.971 ng/ul
RT: 21.500 min Scan# 4211
Delta R.T. -0.003 min
Lab File: BN018547.D
Acq: 02 Feb 2022 13:34

Tgt Ion:228 Resp: 16982

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.4
229	19.6	15.7	23.5



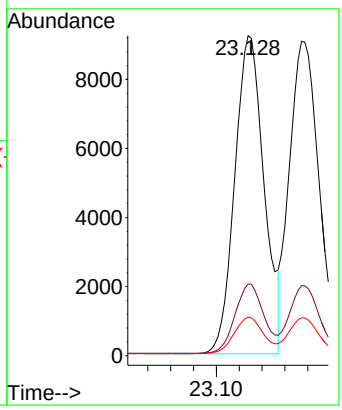


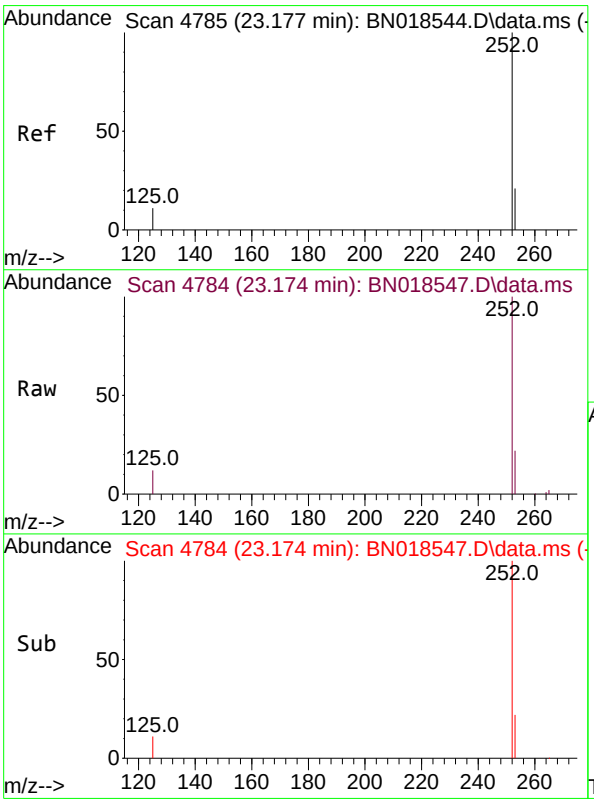
#24
Benzo(b)fluoranthene
Concen: 3.348 ng/ul
RT: 23.128 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN018547.D
Acq: 02 Feb 2022 13:34

Instrument :
BNA_N
ClientSampleId :
SSTD3.2241

Tgt Ion:252 Resp: 16375

Ion	Ratio	Lower	Upper
252	100		
253	22.4	0.0	46.4
125	12.1	0.0	17.8

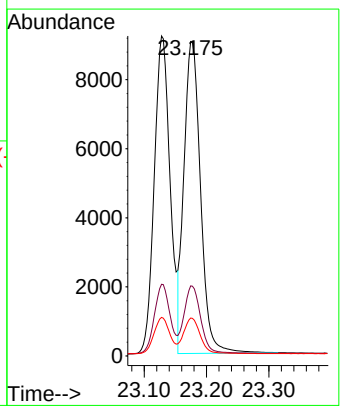


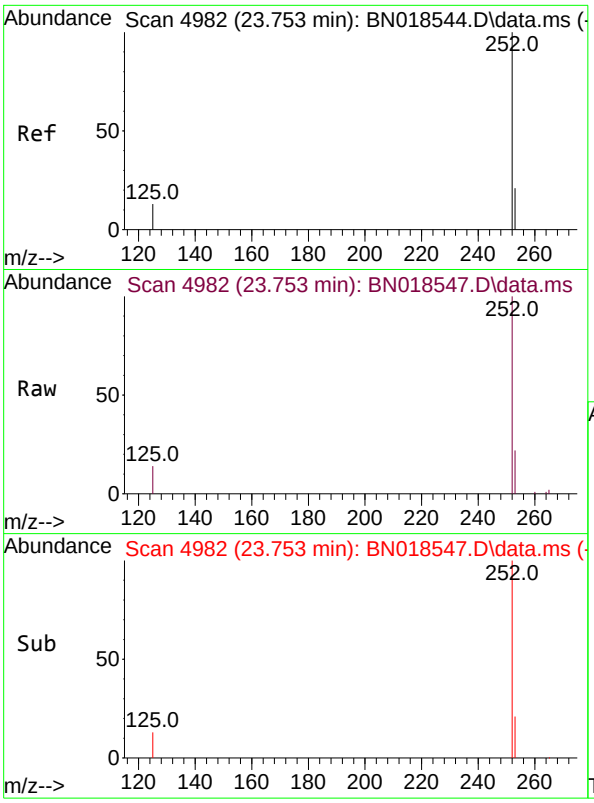


#25
Benzo(k)fluoranthene
Concen: 3.258 ng/ul
RT: 23.174 min Scan# 4784
Delta R.T. -0.003 min
Lab File: BN018547.D
Acq: 02 Feb 2022 13:34

Tgt Ion:252 Resp: 16705

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.6	28.0
125	12.0	7.3	10.9#



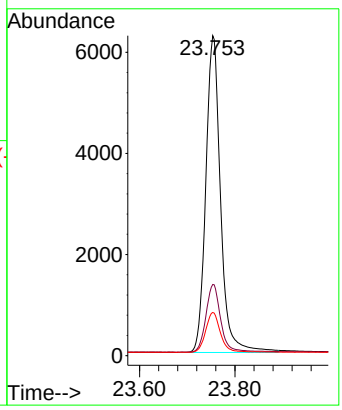


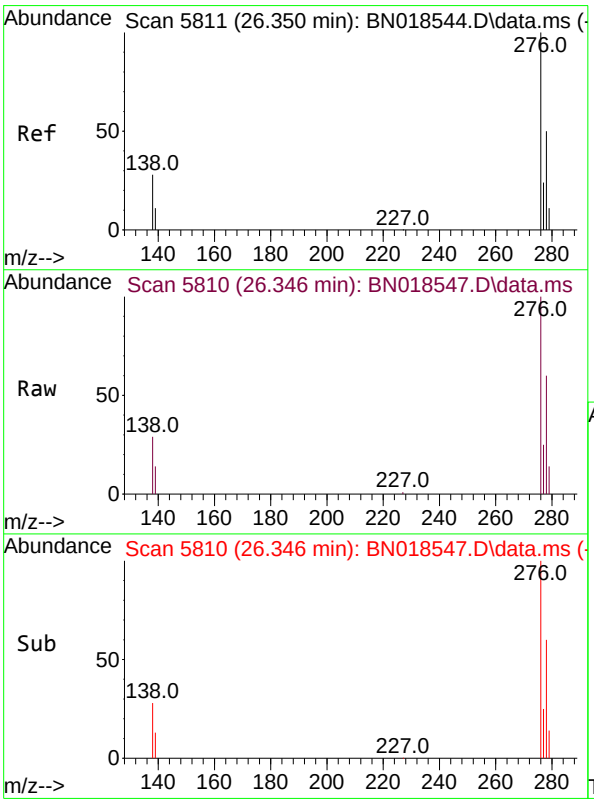
#26
Benzo(a)pyrene
Concen: 3.309 ng/ul
RT: 23.753 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN018547.D
Acq: 02 Feb 2022 13:34

Instrument :
BNA_N
ClientSampleId :
SSTD3.2241

Tgt Ion:252 Resp: 13462

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.9	28.3
125	13.5	8.2	12.2#

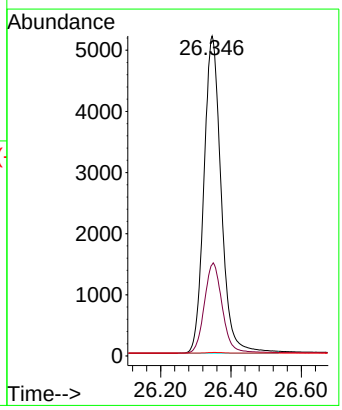


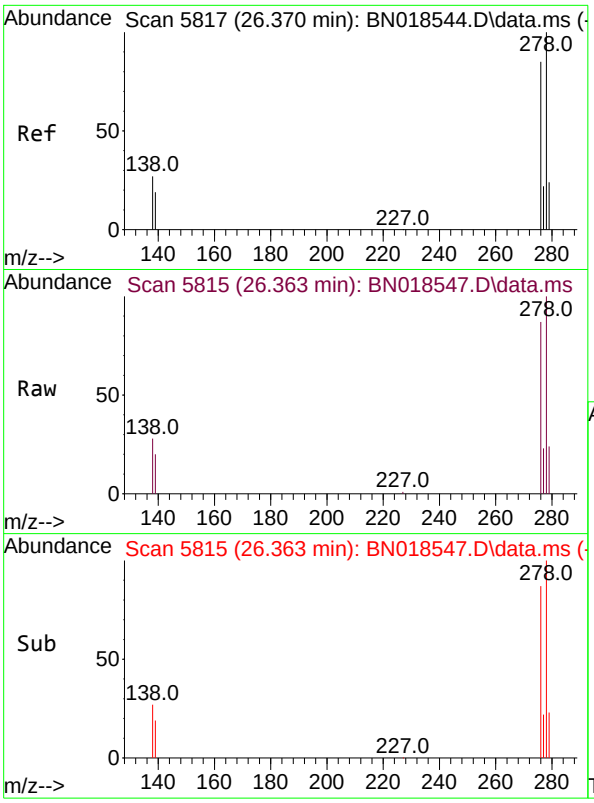


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.335 ng/ul
RT: 26.346 min Scan# 5810
Delta R.T. -0.003 min
Lab File: BN018547.D
Acq: 02 Feb 2022 13:34

Tgt Ion:276 Resp: 17679

Ion	Ratio	Lower	Upper
276	100		
138	29.6	16.5	24.7#
227	0.2	0.1	0.1#



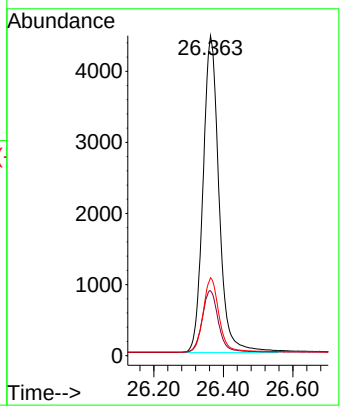


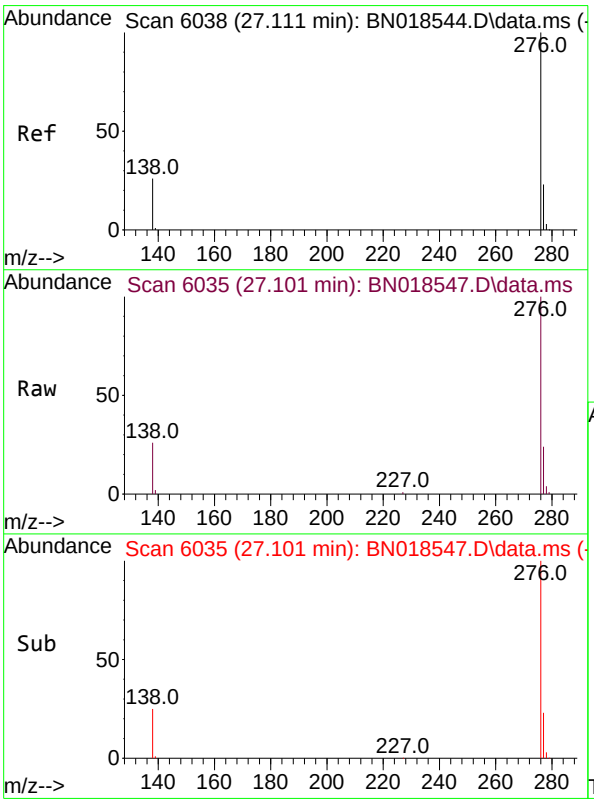
#28
Dibenzo(a,h)anthracene
Concen: 3.417 ng/ul
RT: 26.363 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN018547.D
Acq: 02 Feb 2022 13:34

Instrument :
BNA_N
ClientSampleId :
SSTD3.2241

Tgt Ion:278 Resp: 14230

Ion	Ratio	Lower	Upper
278	100		
139	20.3	11.9	17.9#
279	24.4	19.5	29.3





#29
Benzo(g,h,i)perylene
Concen: 3.261 ng/ul
RT: 27.101 min Scan# 6035
Delta R.T. -0.010 min
Lab File: BN018547.D
Acq: 02 Feb 2022 13:34

Tgt Ion:276 Resp: 15049

Ion	Ratio	Lower	Upper
276	100		
138	26.2	14.4	21.6#
277	24.0	19.2	28.8