Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020222\
Data File : BN018543.D
Acq On : 02 Feb 2022 11:11
Operator : CG/JU
Sample : SSTD0.237
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.2237

Quant Time: Feb 02 13:44:46 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	486	0.400	ng/ul	0.00
4) Naphthalene-d8	10.733	136	1635	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.558	164	872	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.294	188	1653	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.465	240	1564	0.400	ng/ul	# 0.00
23) Perylene-d12	23.859	264	1422	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	120	0.214	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	447	0.203	ng/ul	0.00
18) Fluoranthene-d10	19.314	212	913	0.209	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	124	0.211	ng/ul#	88
5) Naphthalene	10.783	128	918	0.204	ng/ul#	85
7) 2-Methylnaphthalene	12.394	142	578	0.202	ng/ul	99
8) 1-Methylnaphthalene	12.609	142	601	0.206	ng/ul	100
10) Acenaphthylene	14.276	152	697	0.192	ng/ul#	81
11) Acenaphthene	14.618	153	621	0.206	ng/ul	97
12) Fluorene	15.604	166	652	0.202	ng/ul#	96
14) Pentachlorophenol	16.947	266	73	0.497	ng/ul	97
15) Phenanthrene	17.336	178	1087	0.204	ng/ul#	88
16) Anthracene	17.429	178	849	0.193	ng/ul#	84
19) Fluoranthene	19.346	202	1238	0.205	ng/ul#	80
20) Pyrene	19.704	202	1305	0.210	ng/ul#	80
21) Benzo(a)anthracene	21.447	228	1000	0.194	ng/ul#	91
22) Chrysene	21.500	228	1228	0.207	ng/ul	93
24) Benzo(b)fluoranthene	23.128	252	1216	0.205	ng/ul#	82
25) Benzo(k)fluoranthene	23.174	252	1302	0.209	ng/ul#	81
26) Benzo(a)pyrene	23.753	252	1006	0.204	ng/ul#	71
27) Indeno(1,2,3-cd)pyrene	26.346	276	1313	0.204	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.363	278	1016	0.201	ng/ul#	69
29) Benzo(g,h,i)perylene	27.101	276	1151	0.206	ng/ul#	71

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020222\
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Acq On : 02 Feb 2022 11:11
Operator : CG/JU
Sample : SSTD0.237
Misc :
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Instrument :
BNA_N
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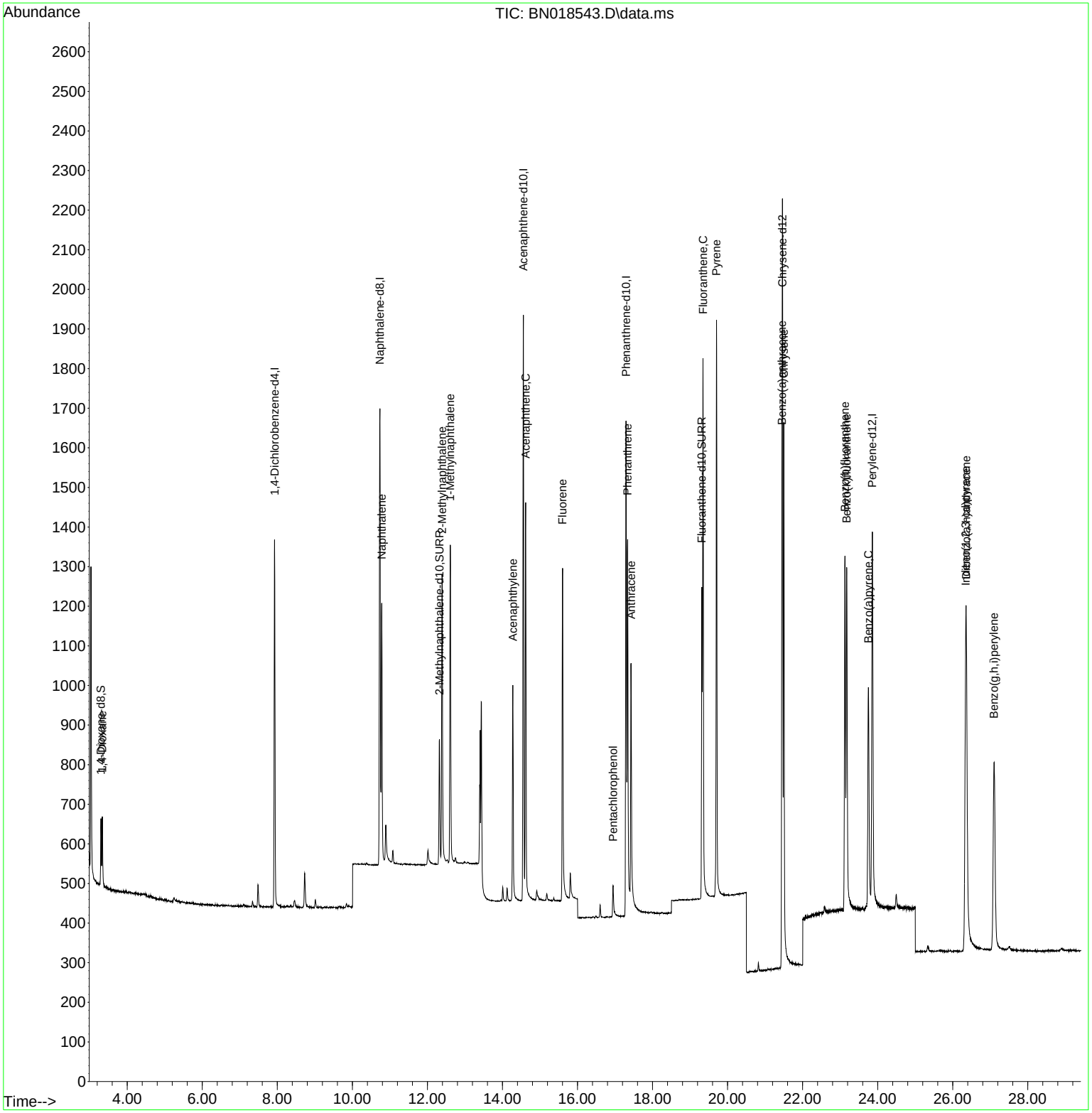
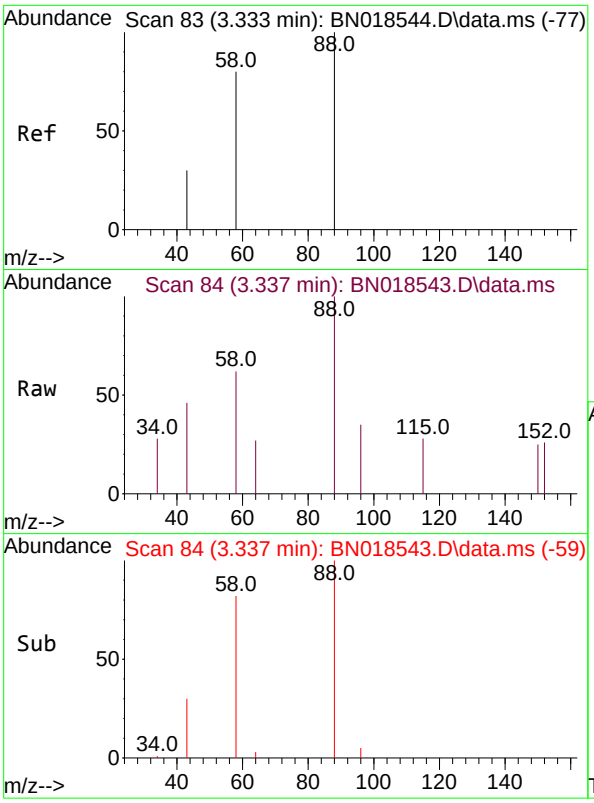
SSTD0.2237

Quant Time: Feb 02 13:44:46 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



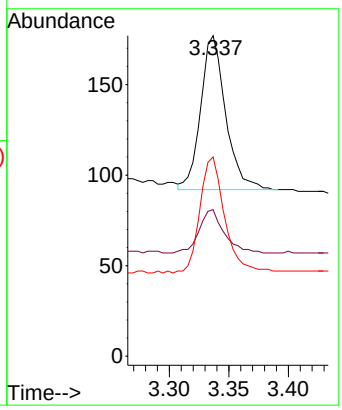


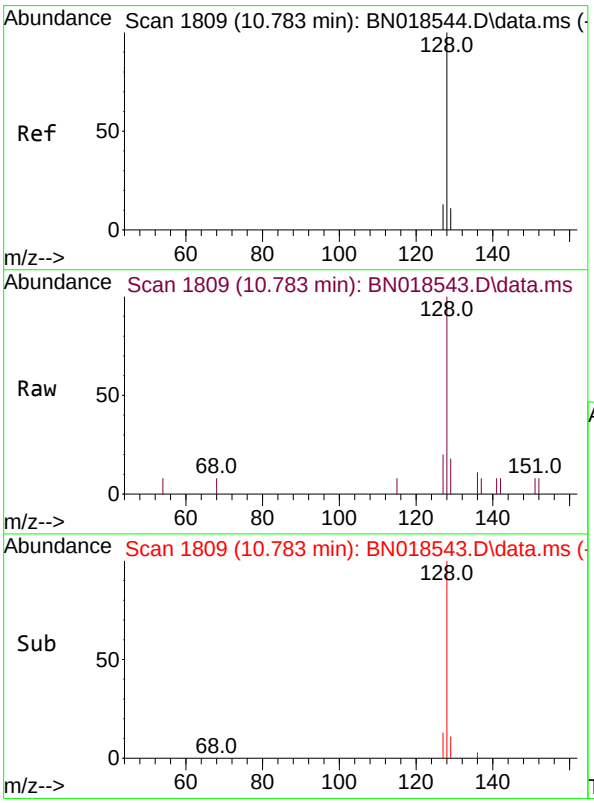
#2
1,4-Dioxane
Concen: 0.211 ng/ul
RT: 3.337 min Scan# 84
Delta R.T. 0.004 min
Lab File: BN018543.D
Acq: 02 Feb 2022 11:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.2237

Tgt Ion: 88 Resp: 124

Ion	Ratio	Lower	Upper
88	100		
43	45.8	47.8	71.8#
58	62.1	46.2	69.2

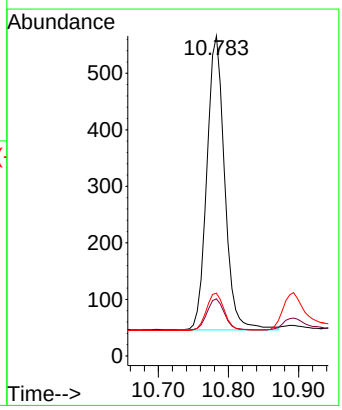


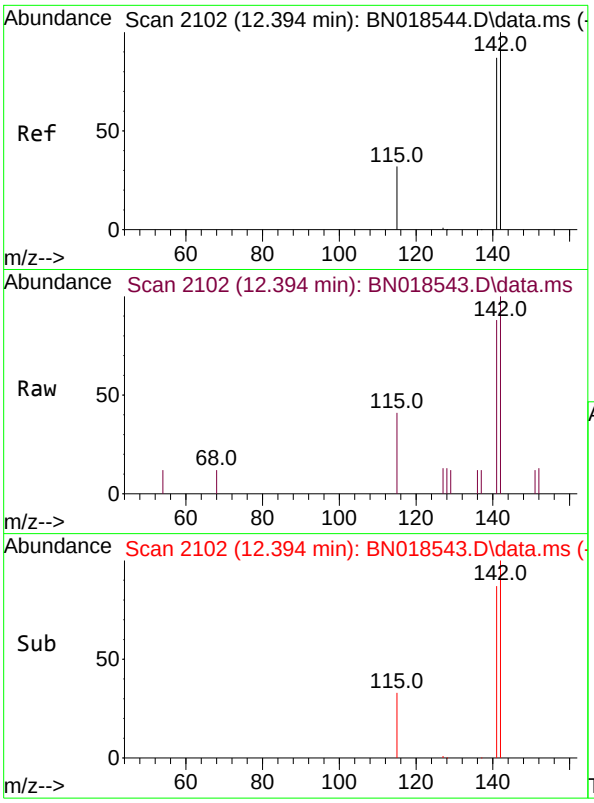


#5
Naphthalene
Concen: 0.204 ng/ul
RT: 10.783 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BN018543.D
Acq: 02 Feb 2022 11:11

Tgt Ion:128 Resp: 918

Ion	Ratio	Lower	Upper
128	100		
129	17.8	9.4	14.0#
127	19.6	11.0	16.6#



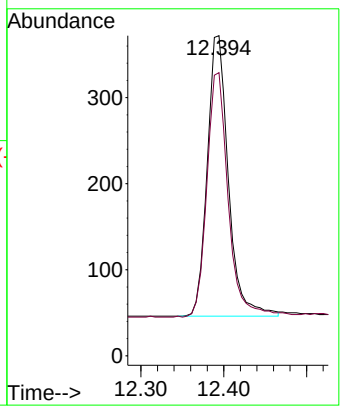


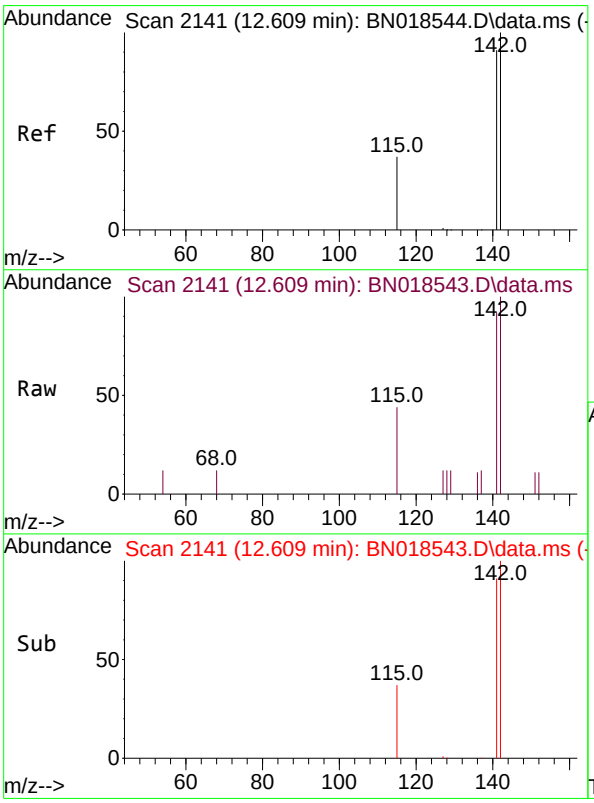
#7
2-Methylnaphthalene
Concen: 0.202 ng/ul
RT: 12.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN018543.D
Acq: 02 Feb 2022 11:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.2237

Tgt Ion:142 Resp: 578

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.9	106.3

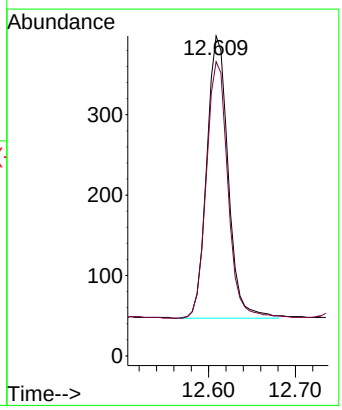


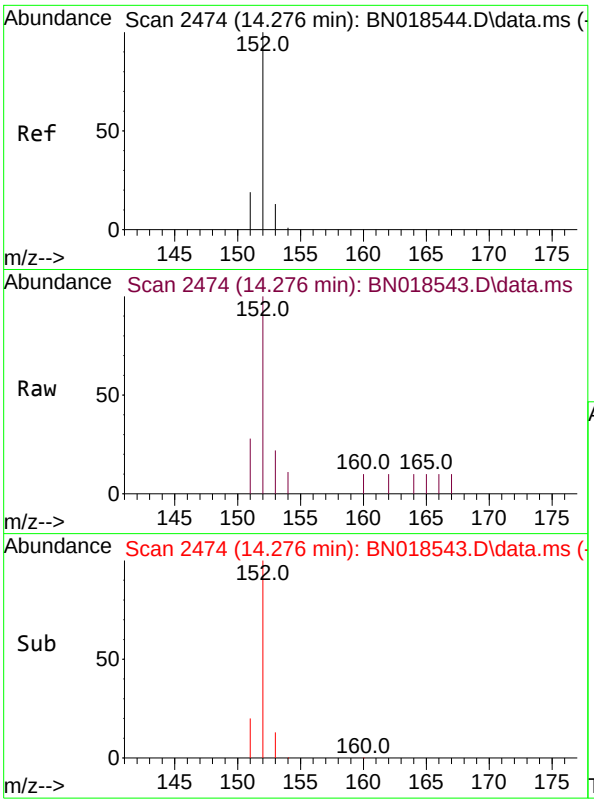


#8
1-Methylnaphthalene
Concen: 0.206 ng/ul
RT: 12.609 min Scan# 2141
Delta R.T. -0.000 min
Lab File: BN018543.D
Acq: 02 Feb 2022 11:11

Tgt Ion:142 Resp: 601

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.2	109.8



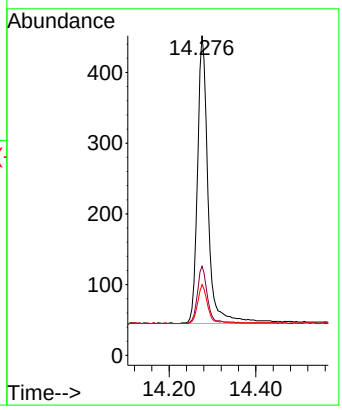


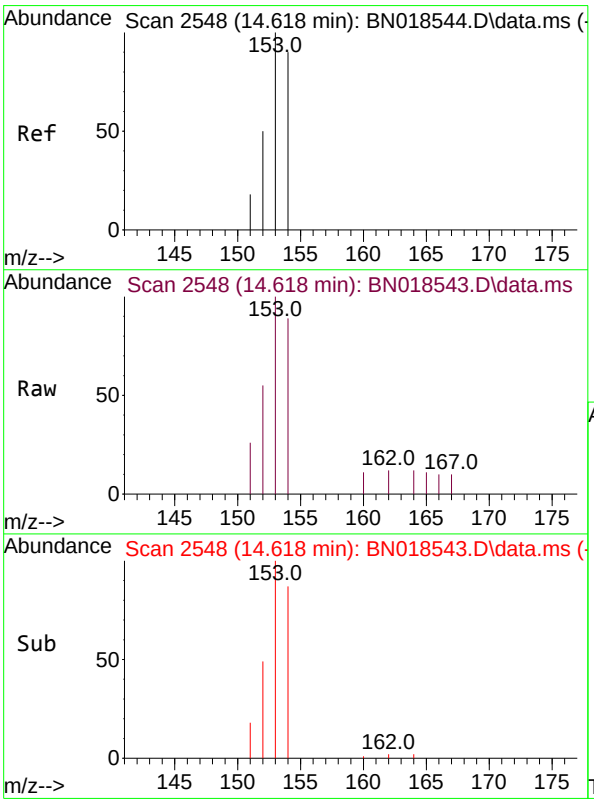
#10
Acenaphthylene
Concen: 0.192 ng/ul
RT: 14.276 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN018543.D
Acq: 02 Feb 2022 11:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.2237

Tgt Ion:152 Resp: 697

Ion	Ratio	Lower	Upper
152	100		
151	27.9	15.8	23.8#
153	22.1	10.7	16.1#

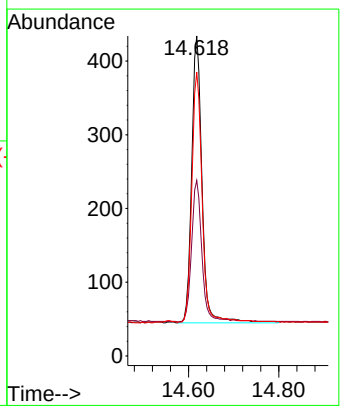


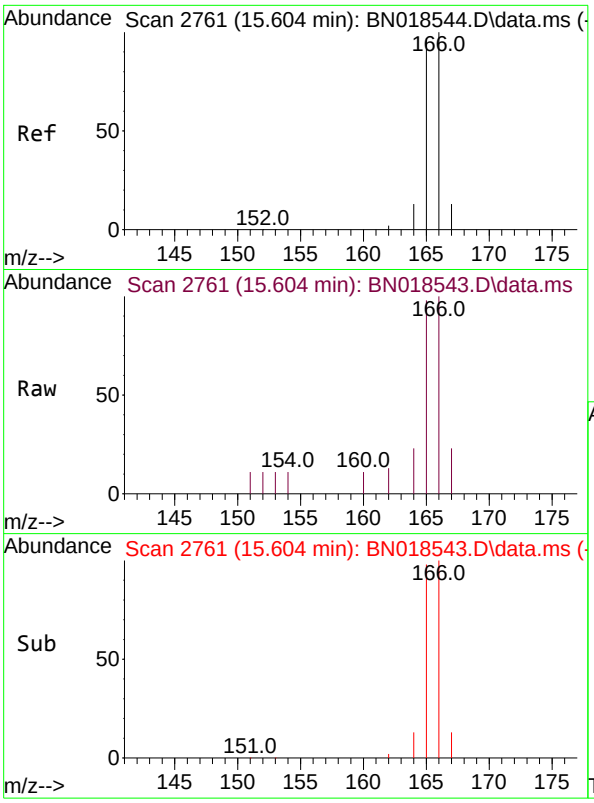


#11
Acenaphthene
Concen: 0.206 ng/ul
RT: 14.618 min Scan# 2548
Delta R.T. -0.000 min
Lab File: BN018543.D
Acq: 02 Feb 2022 11:11

Tgt Ion:153 Resp: 621

Ion	Ratio	Lower	Upper
153	100		
152	54.8	39.7	59.5
154	88.7	70.9	106.3



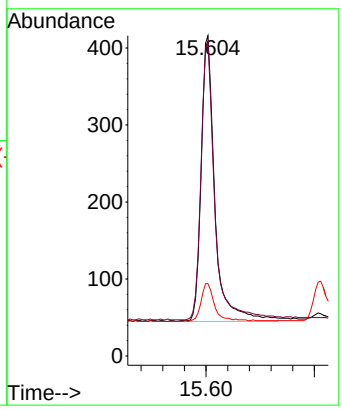


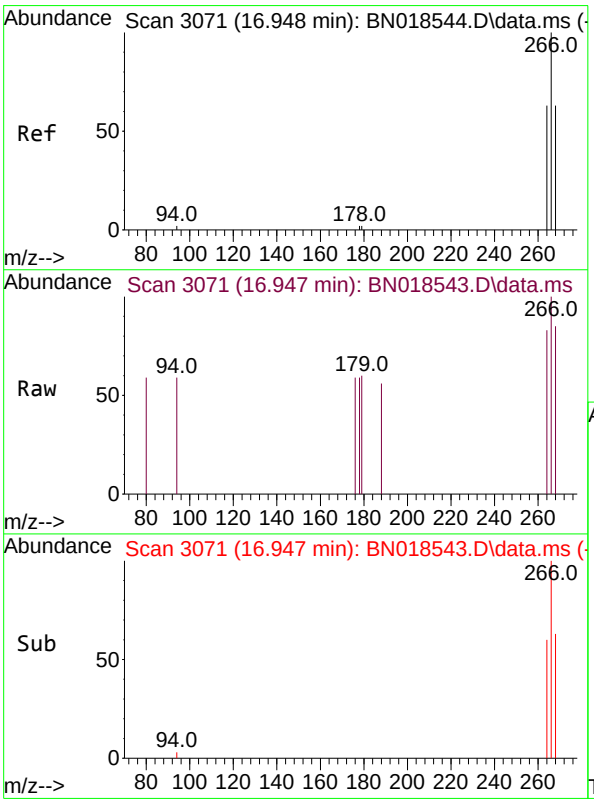
#12
Fluorene
Concen: 0.202 ng/ul
RT: 15.604 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN018543.D
Acq: 02 Feb 2022 11:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.2237

Tgt Ion:166 Resp: 652

Ion	Ratio	Lower	Upper
166	100		
165	98.3	77.8	116.6
167	22.6	11.6	17.4#

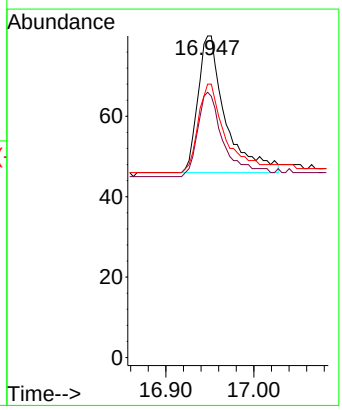


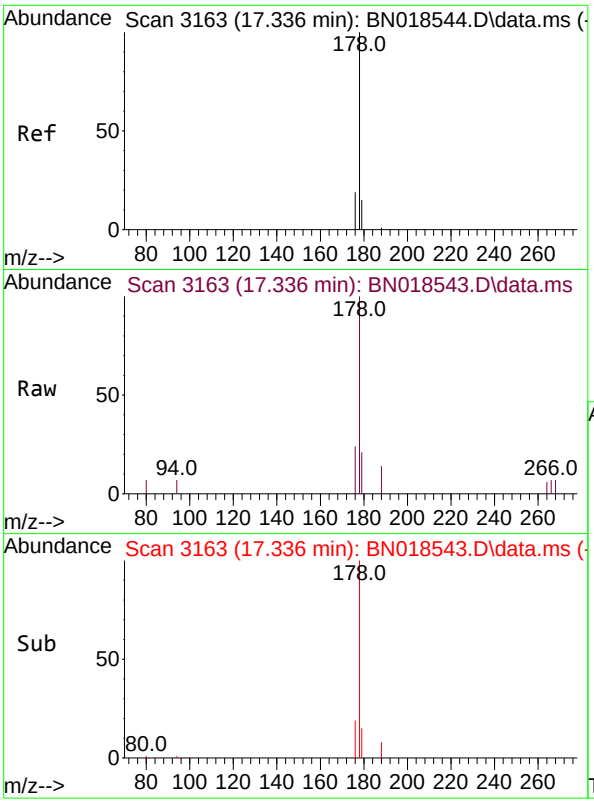


#14
Pentachlorophenol
Concen: 0.497 ng/ul
RT: 16.947 min Scan# 3071
Delta R.T. -0.000 min
Lab File: BN018543.D
Acq: 02 Feb 2022 11:11

Tgt Ion:266 Resp: 73

Ion	Ratio	Lower	Upper
266	100		
264	60.3	49.9	74.9
268	67.1	51.7	77.5



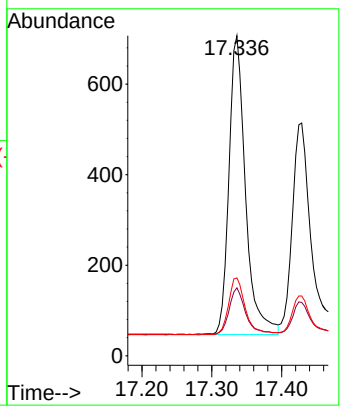


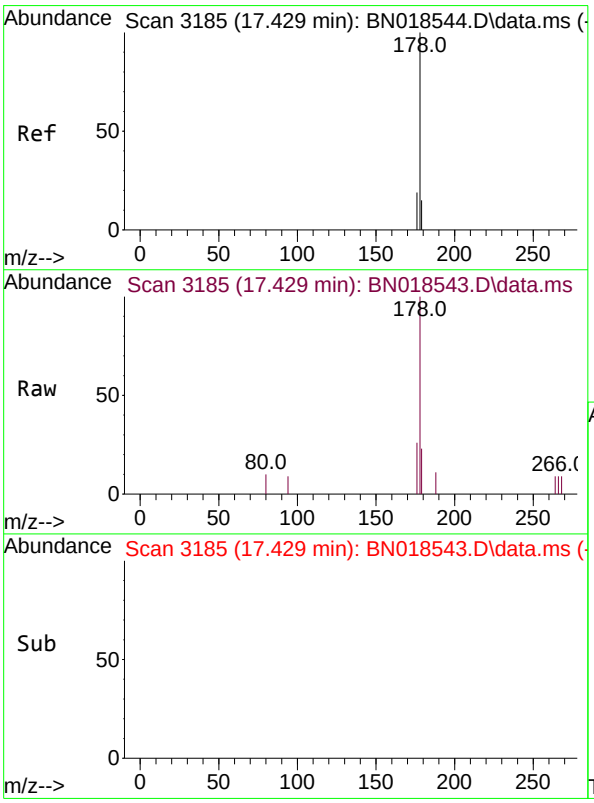
#15
Phenanthrene
Concen: 0.204 ng/ul
RT: 17.336 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN018543.D
Acq: 02 Feb 2022 11:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.2237

Tgt Ion:178 Resp: 1087

Ion	Ratio	Lower	Upper
178	100		
179	21.2	12.2	18.4#
176	24.3	15.4	23.2#

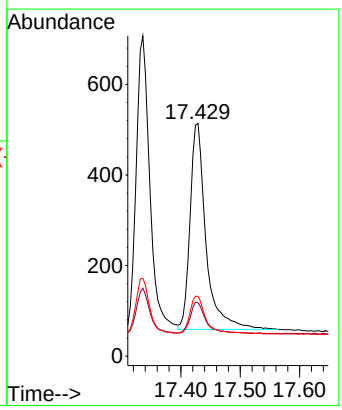


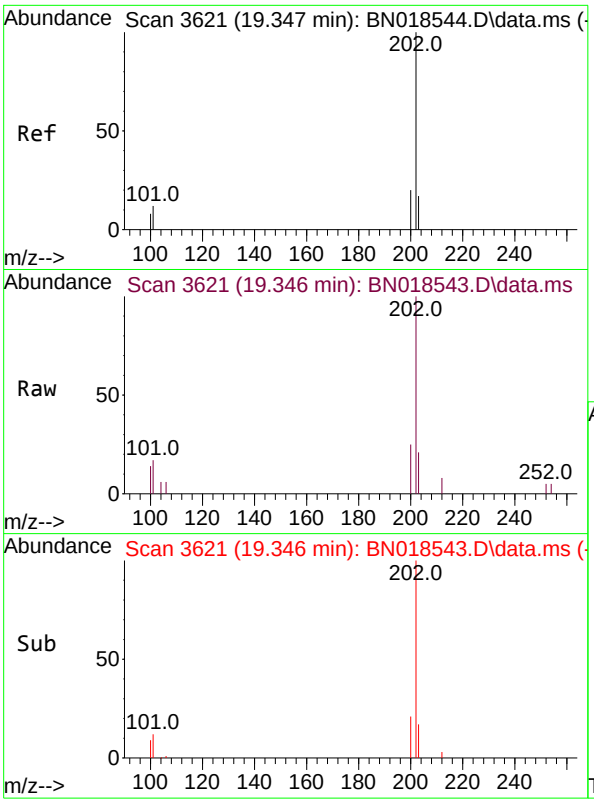


#16
Anthracene
Concen: 0.193 ng/ul
RT: 17.429 min Scan# 3185
Delta R.T. -0.000 min
Lab File: BN018543.D
Acq: 02 Feb 2022 11:11

Tgt Ion:178 Resp: 849

Ion	Ratio	Lower	Upper
178	100		
179	23.0	12.3	18.5#
176	25.7	15.5	23.3#



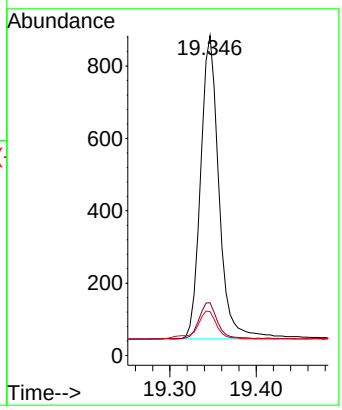


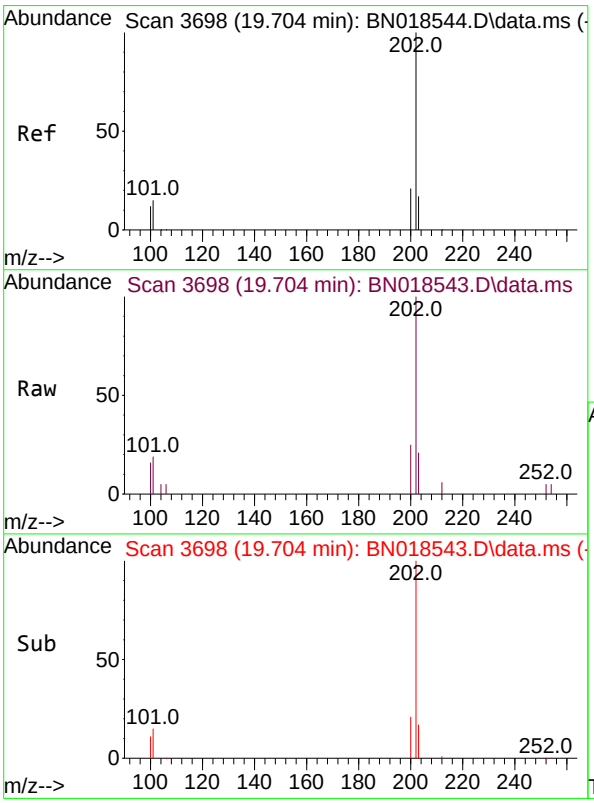
#19
Fluoranthene
Concen: 0.205 ng/ul
RT: 19.346 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN018543.D
Acq: 02 Feb 2022 11:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.2237

Tgt Ion:202 Resp: 1238

Ion	Ratio	Lower	Upper
202	100		
101	16.5	7.5	11.3#
100	13.7	5.4	8.2#

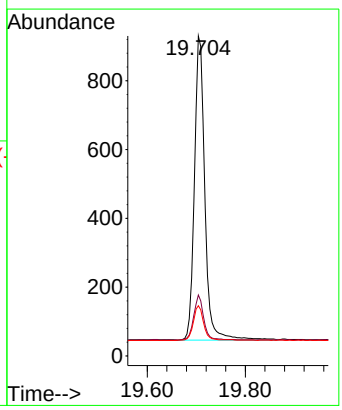


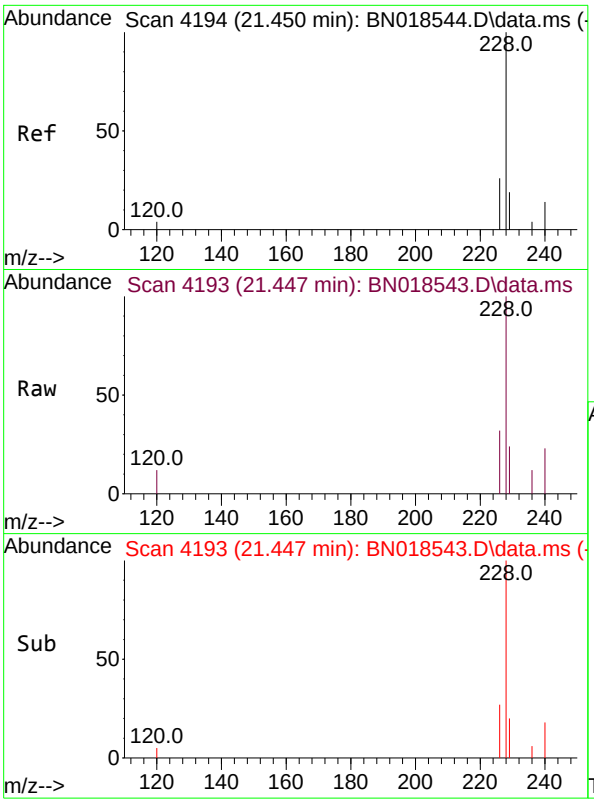


#20
Pyrene
Concen: 0.210 ng/ul
RT: 19.704 min Scan# 3698
Delta R.T. -0.000 min
Lab File: BN018543.D
Acq: 02 Feb 2022 11:11

Tgt Ion:202 Resp: 1305

Ion	Ratio	Lower	Upper
202	100		
101	19.0	9.0	13.4#
100	15.7	7.0	10.4#



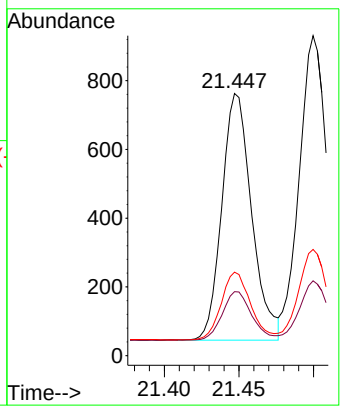


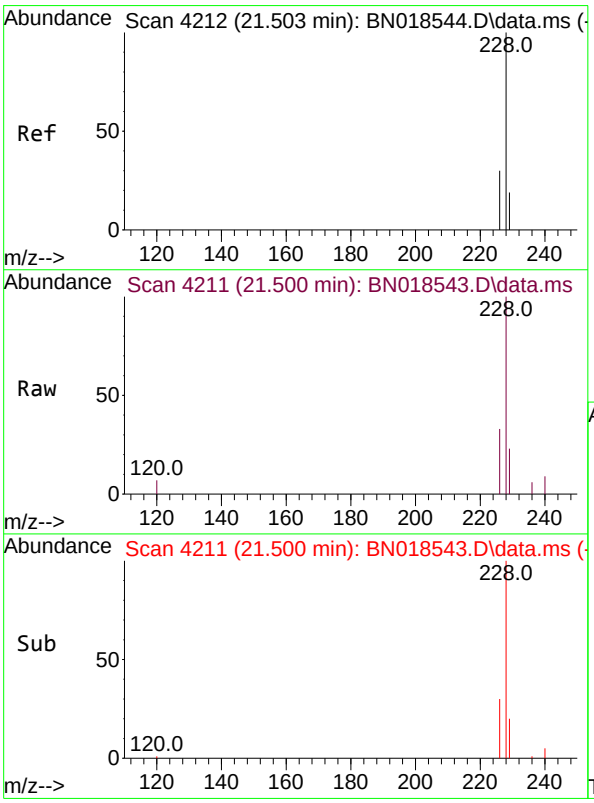
#21
Benzo(a)anthracene
Concen: 0.194 ng/ul
RT: 21.447 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN018543.D
Acq: 02 Feb 2022 11:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.2237

Tgt Ion:228 Resp: 1000

Ion	Ratio	Lower	Upper
228	100		
229	24.4	15.6	23.4#
226	31.8	22.1	33.1

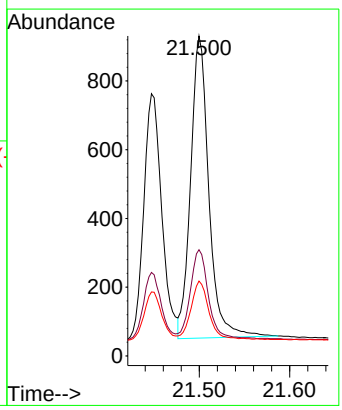


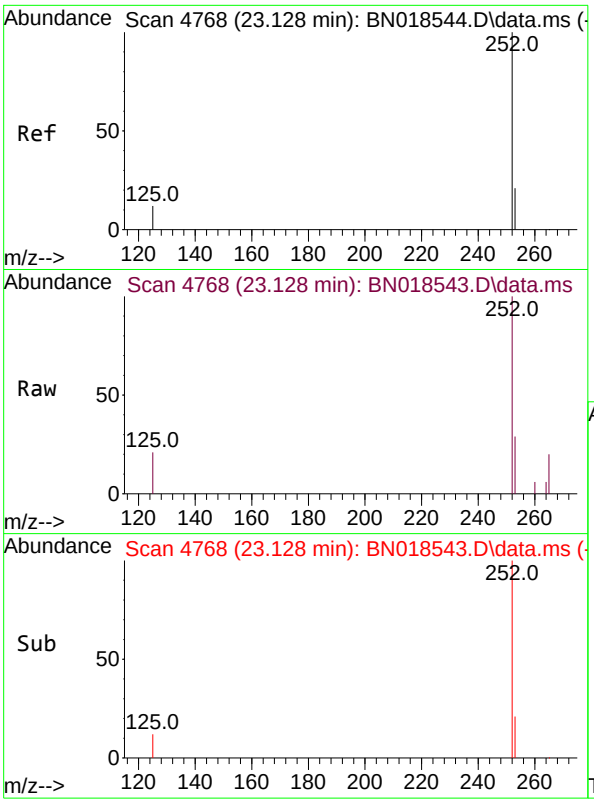


#22
Chrysene
Concen: 0.207 ng/ul
RT: 21.500 min Scan# 4211
Delta R.T. -0.003 min
Lab File: BN018543.D
Acq: 02 Feb 2022 11:11

Tgt Ion:228 Resp: 1228

Ion	Ratio	Lower	Upper
228	100		
226	33.2	24.2	36.4
229	23.4	15.7	23.5



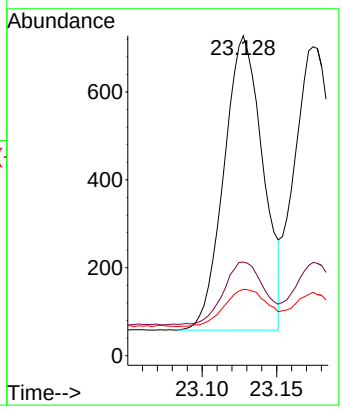


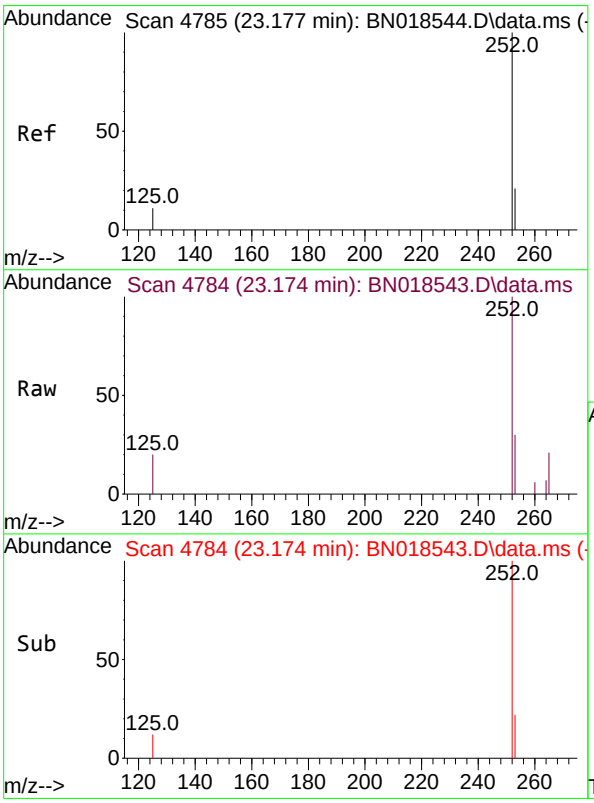
#24
Benzo(b)fluoranthene
Concen: 0.205 ng/ul
RT: 23.128 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN018543.D
Acq: 02 Feb 2022 11:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.2237

Tgt Ion:252 Resp: 1216

Ion	Ratio	Lower	Upper
252	100		
253	29.3	0.0	46.4
125	20.7	0.0	17.8#

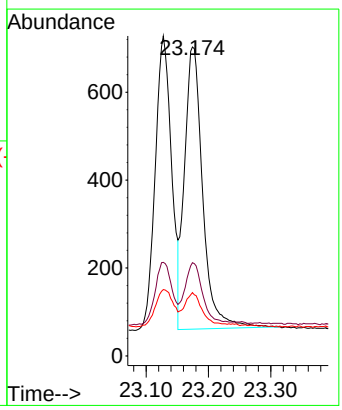


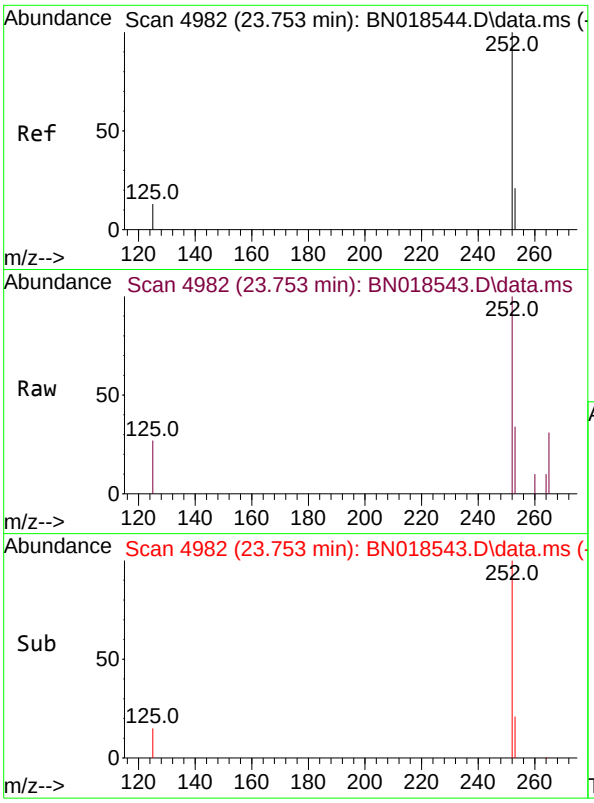


#25
Benzo(k)fluoranthene
Concen: 0.209 ng/ul
RT: 23.174 min Scan# 4784
Delta R.T. -0.003 min
Lab File: BN018543.D
Acq: 02 Feb 2022 11:11

Tgt Ion:252 Resp: 1302

Ion	Ratio	Lower	Upper
252	100		
253	30.2	18.6	28.0#
125	20.5	7.3	10.9#



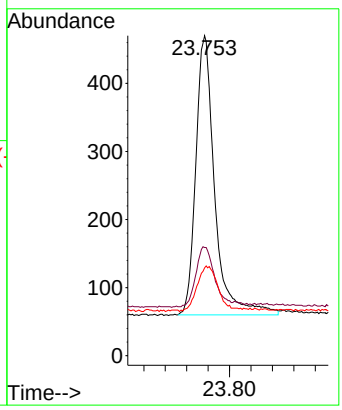


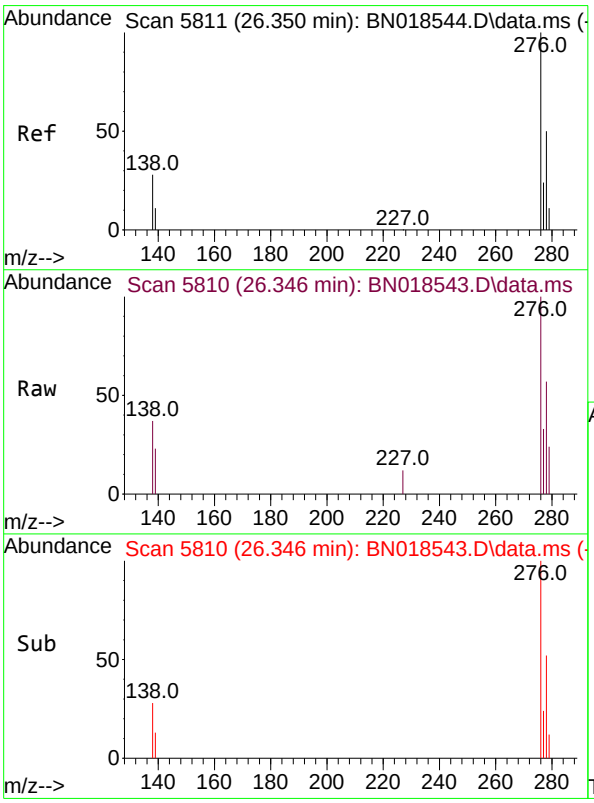
#26
Benzo(a)pyrene
Concen: 0.204 ng/ul
RT: 23.753 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN018543.D
Acq: 02 Feb 2022 11:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.2237

Tgt Ion:252 Resp: 1006

Ion	Ratio	Lower	Upper
252	100		
253	33.8	18.9	28.3#
125	27.4	8.2	12.2#

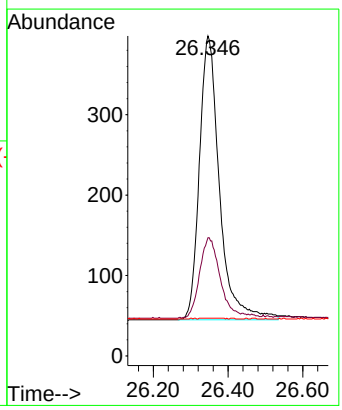


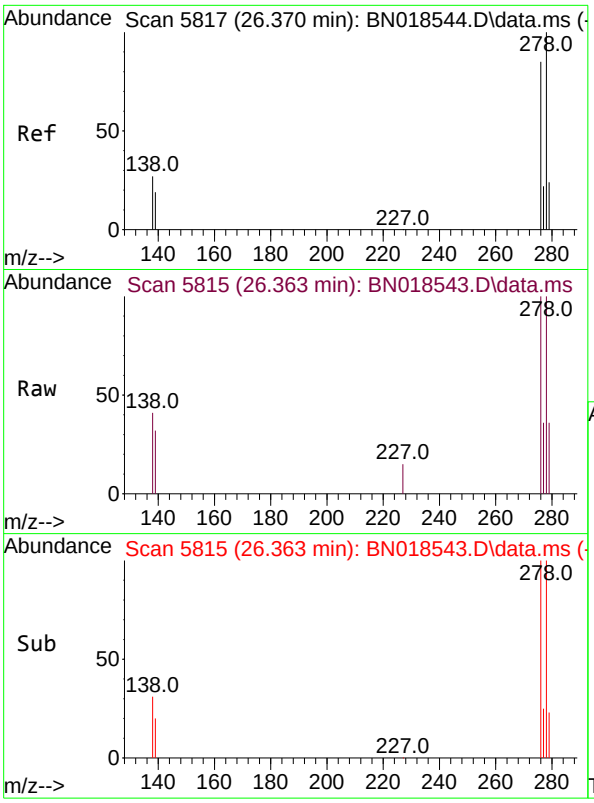


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.204 ng/ul
RT: 26.346 min Scan# 5810
Delta R.T. -0.003 min
Lab File: BN018543.D
Acq: 02 Feb 2022 11:11

Tgt Ion:276 Resp: 1313

Ion	Ratio	Lower	Upper
276	100		
138	29.6	16.5	24.7#
227	0.0	0.1	0.1#



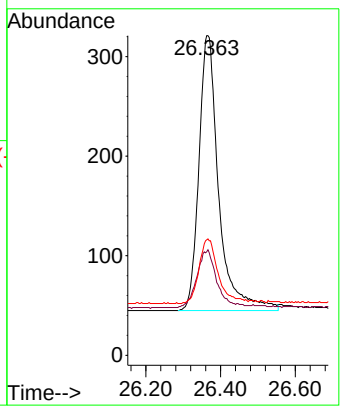


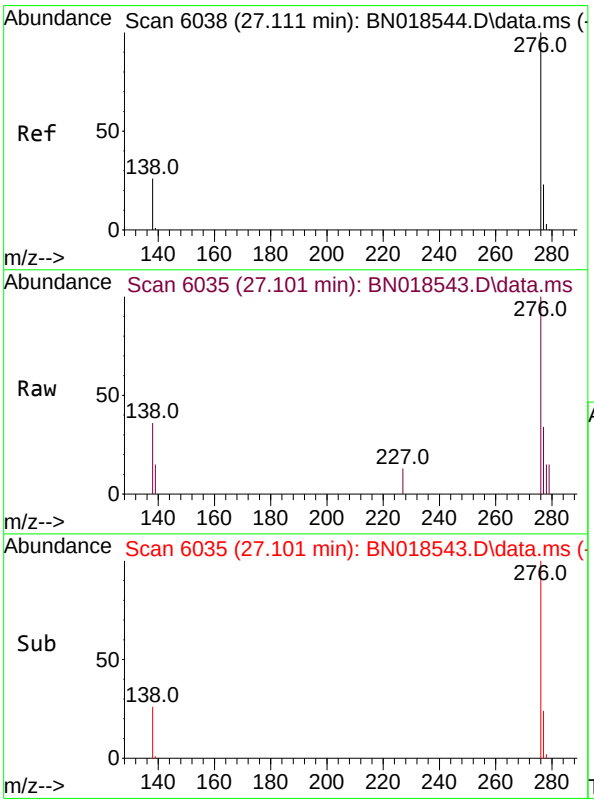
#28
Dibenzo(a,h)anthracene
Concen: 0.201 ng/ul
RT: 26.363 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN018543.D
Acq: 02 Feb 2022 11:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.2237

Tgt Ion:278 Resp: 1016

Ion	Ratio	Lower	Upper
278	100		
139	32.4	11.9	17.9#
279	36.1	19.5	29.3#





#29
Benzo(g,h,i)perylene
Concen: 0.206 ng/ul
RT: 27.101 min Scan# 6035
Delta R.T. -0.010 min
Lab File: BN018543.D
Acq: 02 Feb 2022 11:11

Tgt Ion:276 Resp: 1151

Ion	Ratio	Lower	Upper
276	100		
138	36.0	14.4	21.6#
277	33.7	19.2	28.8#