Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021122\
Data File : BN018598.D
Acq On : 11 Feb 2022 16:39
Operator : CG/JU
Sample : PB142388BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS388

Quant Time: Feb 11 17:19:47 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN021122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 11 15:26:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.925	152	5607	0.400	ng/ul		0.00
4) Naphthalene-d8	10.732	136	13588	0.400	ng/ul		0.00
9) Acenaphthene-d10	14.556	164	6820	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.296	188	13384	0.400	ng/ul		0.00
17) Chrysene-d12	21.473	240	9802	0.400	ng/ul	#	0.00
23) Perylene-d12	23.873	264	7905	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.293	96	3994	0.592	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.315	152	5612	0.308	ng/ul		0.00
18) Fluoranthene-d10	19.321	212	10731	0.344	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.327	88	10203	1.447	ng/ul	#	70
5) Naphthalene	10.781	128	11664	0.301	ng/ul		99
7) 2-Methylnaphthalene	12.392	142	7068	0.287	ng/ul		100
8) 1-Methylnaphthalene	12.607	142	7100	0.286	ng/ul		100
10) Acenaphthylene	14.274	152	9141	0.324	ng/ul		99
11) Acenaphthene	14.616	153	7421	0.299	ng/ul		98
12) Fluorene	15.602	166	8192	0.297	ng/ul		100
14) Pentachlorophenol	16.946	266	1282	0.528	ng/ul		99
15) Phenanthrene	17.334	178	13916	0.305	ng/ul		99
16) Anthracene	17.427	178	10997	0.300	ng/ul		99
19) Fluoranthene	19.349	202	14809	0.328	ng/ul	#	93
20) Pyrene	19.712	202	14838	0.324	ng/ul	#	94
21) Benzo(a)anthracene	21.456	228	11352	0.326	ng/ul		99
22) Chrysene	21.508	228	14355	0.342	ng/ul		99
24) Benzo(b)fluoranthene	23.142	252	13045	0.339	ng/ul		93
25) Benzo(k)fluoranthene	23.189	252	13047	0.323	ng/ul	#	95
26) Benzo(a)pyrene	23.768	252	11334	0.365	ng/ul	#	90
27) Indeno(1,2,3-cd)pyrene	26.370	276	13658	0.330	ng/ul	#	79
28) Dibenzo(a,h)anthracene	26.383	278	11152	0.340	ng/ul	#	90
29) Benzo(g,h,i)perylene	27.128	276	11832	0.337	ng/ul	#	92

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021122\
Data File : BN018598.D
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN021122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 11 15:26:34 2022
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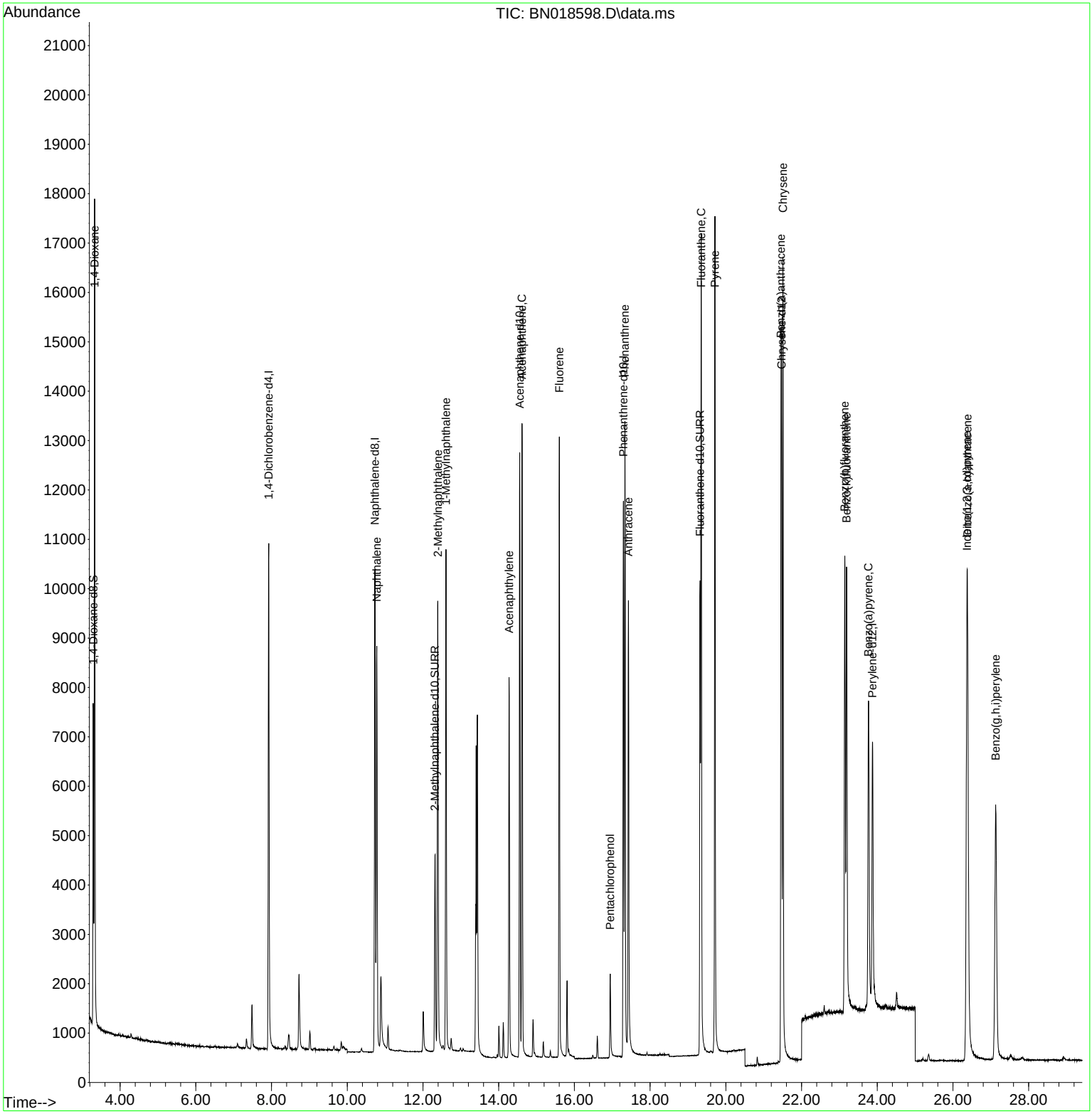
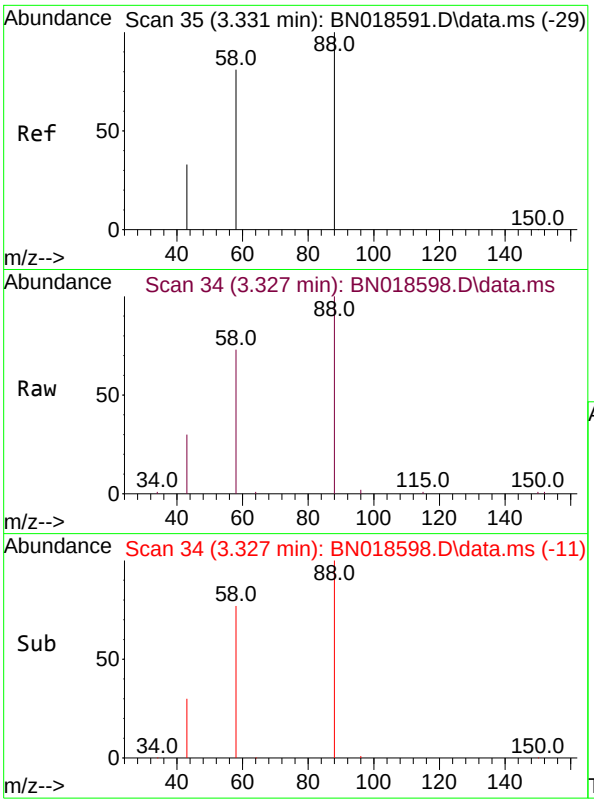


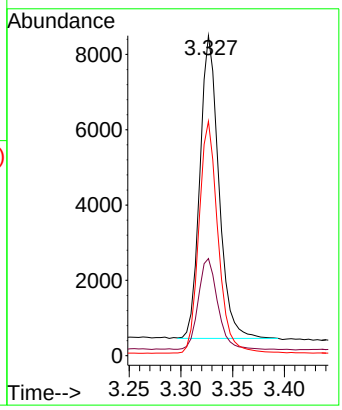


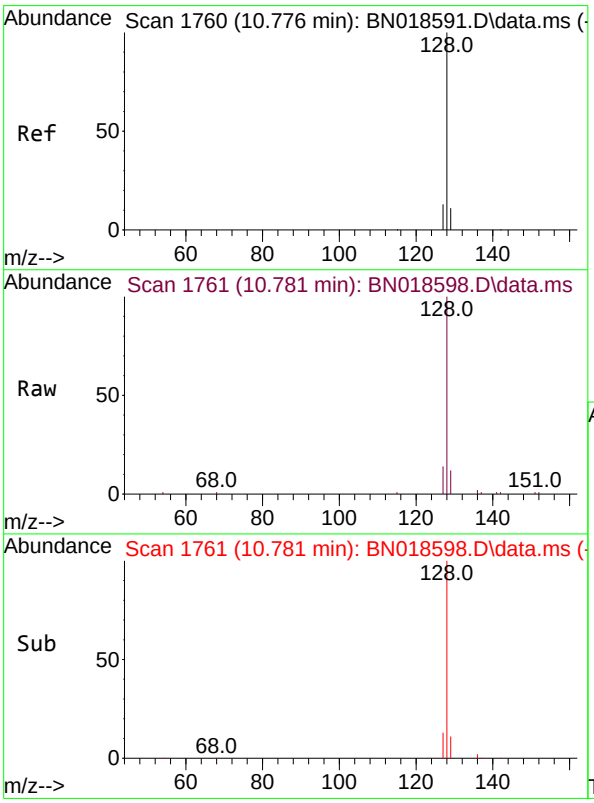
#2
1,4-Dioxane
Concen: 1.447 ng/ul
RT: 3.327 min Scan# 34
Delta R.T. -0.004 min
Lab File: BN018598.D
Acq: 11 Feb 2022 16:39

Instrument :
BNA_N
ClientSampleId :
SLCS388

Tgt Ion: 88 Resp: 10203

Ion	Ratio	Lower	Upper
88	100		
43	30.4	47.8	71.8#
58	73.2	46.2	69.2#

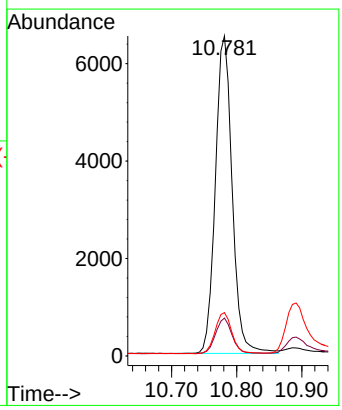


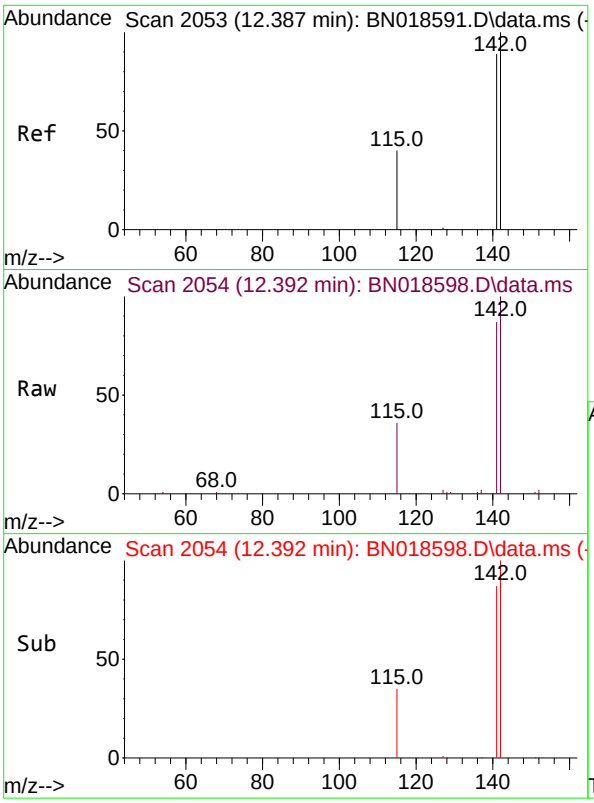


#5
Naphthalene
Concen: 0.301 ng/ul
RT: 10.781 min Scan# 1761
Delta R.T. 0.005 min
Lab File: BN018598.D
Acq: 11 Feb 2022 16:39

Tgt Ion:128 Resp: 11664

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.4	14.0
127	13.5	11.0	16.6



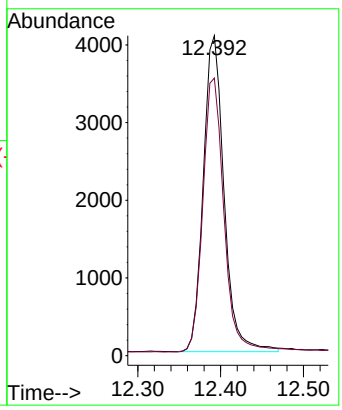


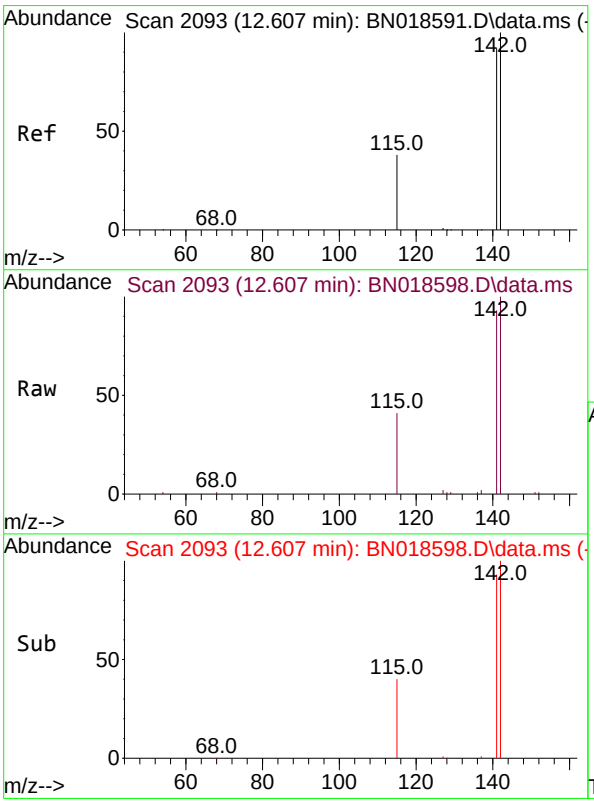
#7
2-Methylnaphthalene
Concen: 0.287 ng/ul
RT: 12.392 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN018598.D
Acq: 11 Feb 2022 16:39

Instrument :
BNA_N
ClientSampleId :
SLCS388

Tgt Ion:142 Resp: 7068

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.9	106.3

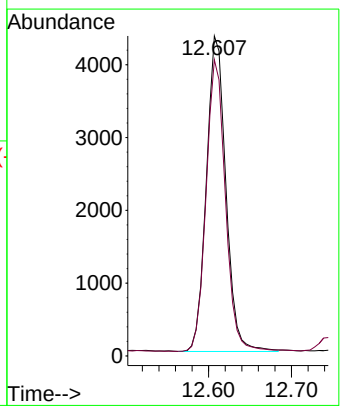


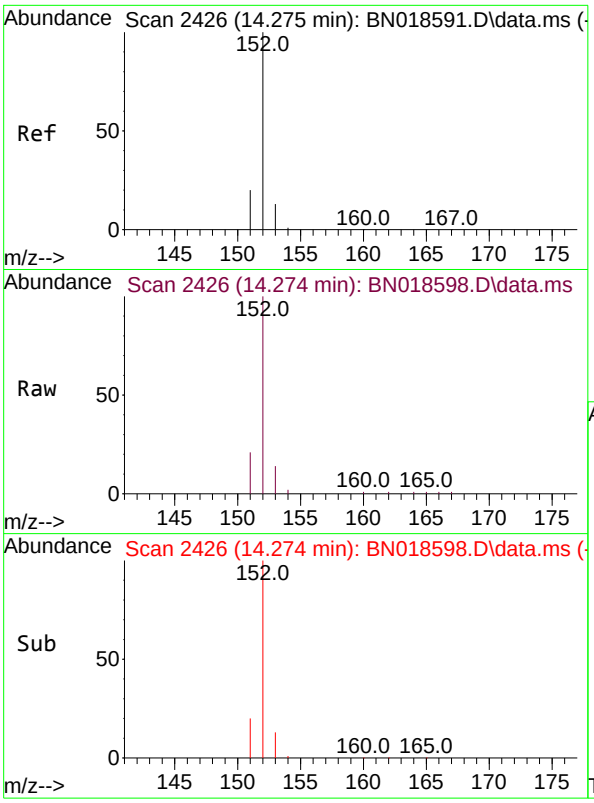


#8
1-Methylnaphthalene
Concen: 0.286 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. -0.000 min
Lab File: BN018598.D
Acq: 11 Feb 2022 16:39

Tgt Ion:142 Resp: 7100

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.2	109.8



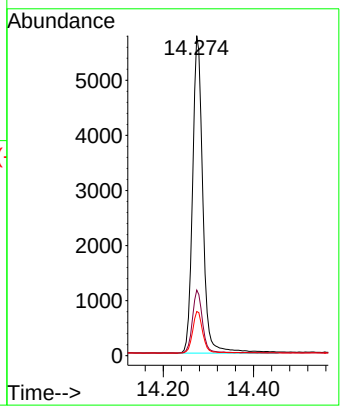


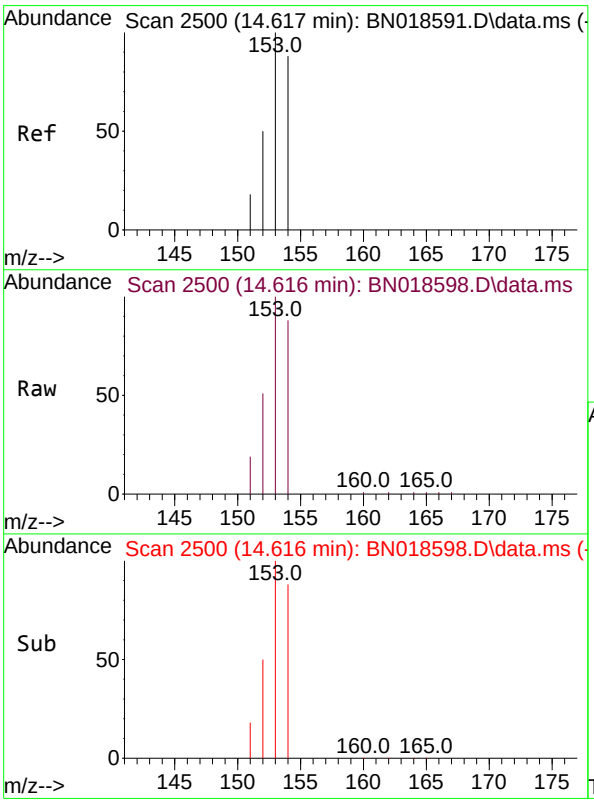
#10
Acenaphthylene
Concen: 0.324 ng/ul
RT: 14.274 min Scan# 24
Delta R.T. -0.001 min
Lab File: BN018598.D
Acq: 11 Feb 2022 16:39

Instrument :
BNA_N
ClientSampleId :
SLCS388

Tgt Ion:152 Resp: 9141

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.8	23.8
153	13.8	10.7	16.1

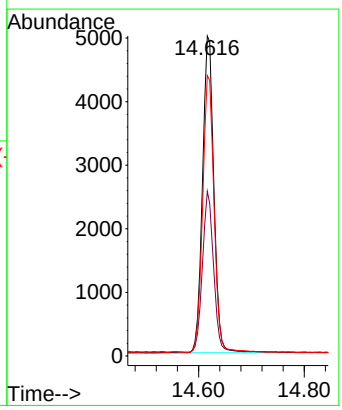


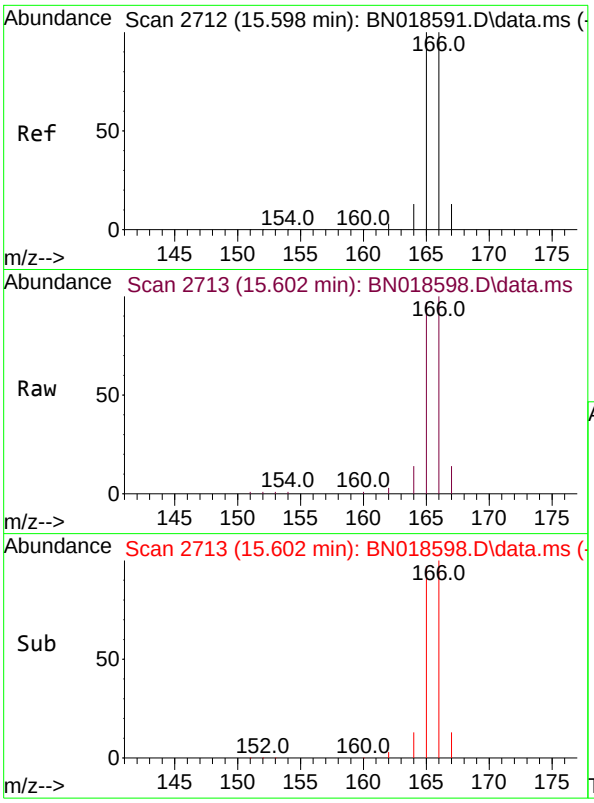


#11
Acenaphthene
Concen: 0.299 ng/ul
RT: 14.616 min Scan# 2500
Delta R.T. -0.001 min
Lab File: BN018598.D
Acq: 11 Feb 2022 16:39

Tgt Ion:153 Resp: 7421

Ion	Ratio	Lower	Upper
153	100		
152	51.4	39.7	59.5
154	87.6	70.9	106.3



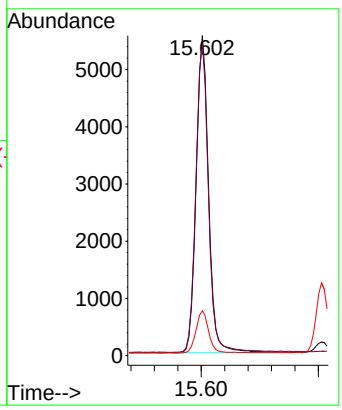


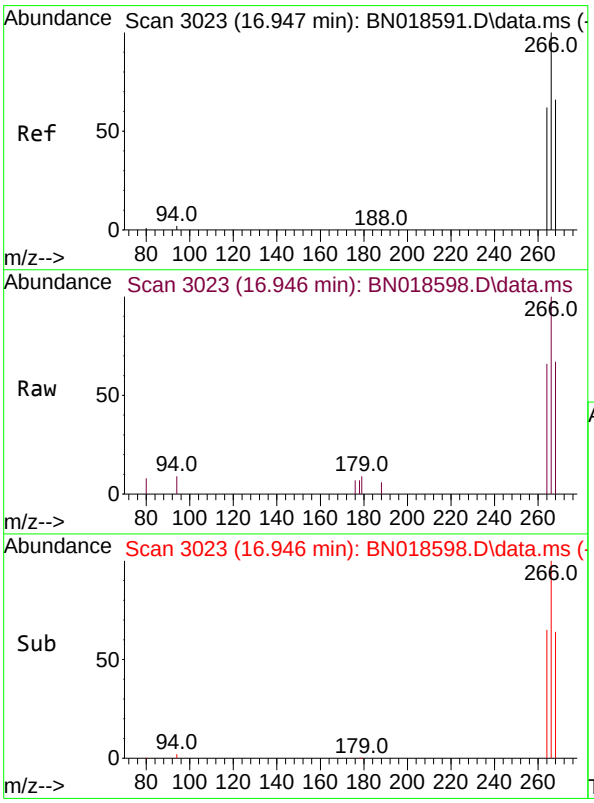
#12
Fluorene
Concen: 0.297 ng/ul
RT: 15.602 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN018598.D
Acq: 11 Feb 2022 16:39

Instrument :
BNA_N
ClientSampleId :
SLCS388

Tgt Ion:166 Resp: 8192

Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.8	116.6
167	14.0	11.6	17.4

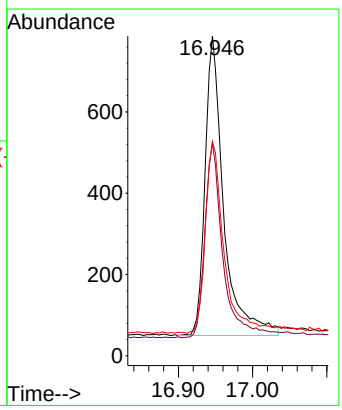


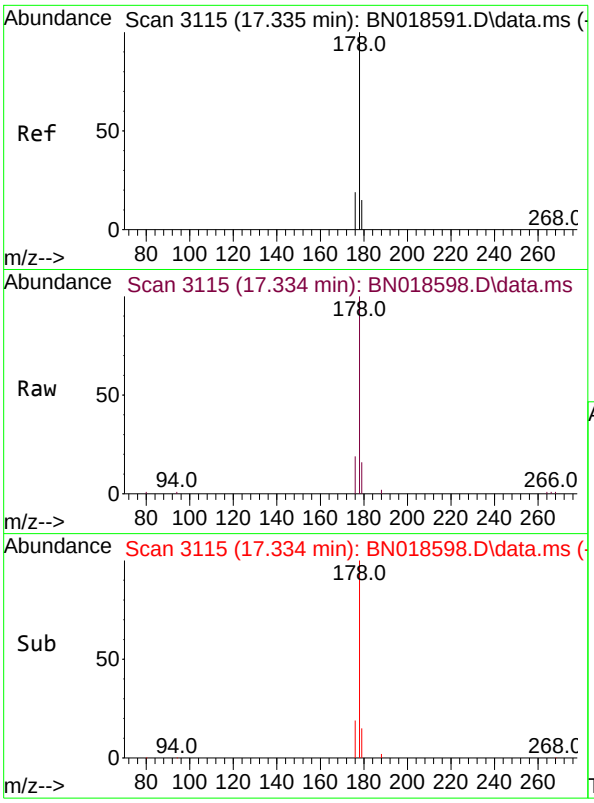


#14
Pentachlorophenol
Concen: 0.528 ng/ul
RT: 16.946 min Scan# 3023
Delta R.T. -0.001 min
Lab File: BN018598.D
Acq: 11 Feb 2022 16:39

Tgt Ion:266 Resp: 1282

Ion	Ratio	Lower	Upper
266	100		
264	63.1	49.9	74.9
268	64.5	51.7	77.5



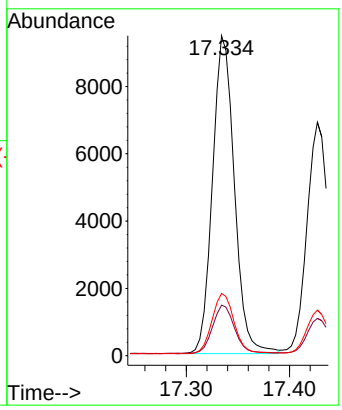


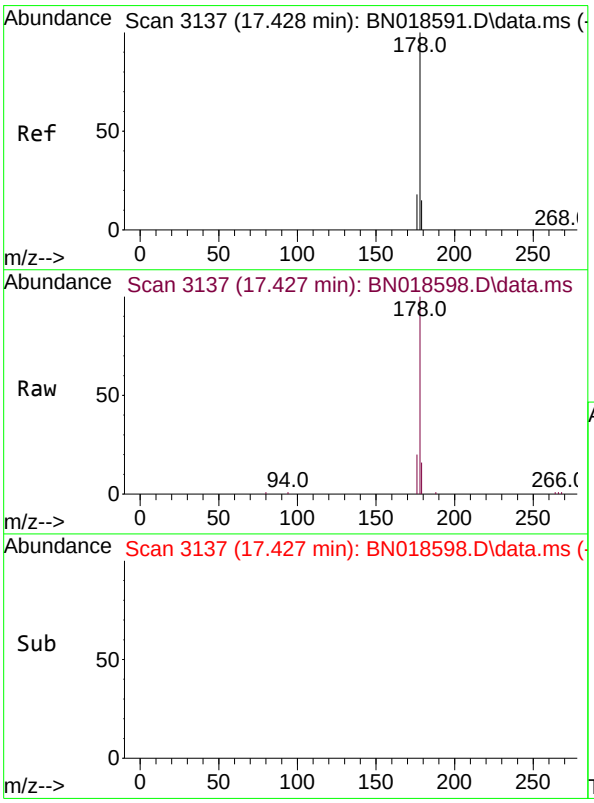
#15
Phenanthrene
Concen: 0.305 ng/ul
RT: 17.334 min Scan# 3
Delta R.T. -0.001 min
Lab File: BN018598.D
Acq: 11 Feb 2022 16:39

Instrument :
BNA_N
ClientSampleId :
SLCS388

Tgt Ion:178 Resp: 13916

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.4
176	19.4	15.4	23.2

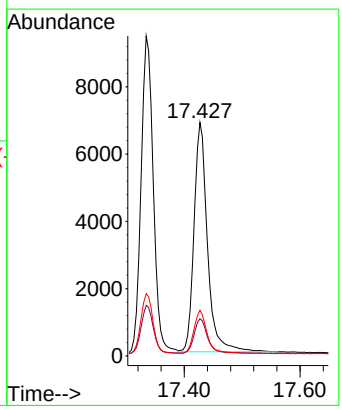


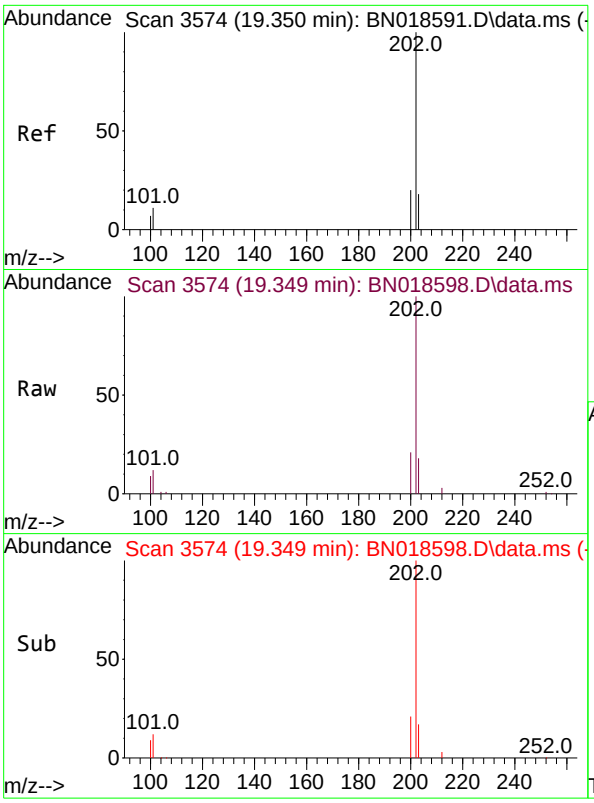


#16
Anthracene
Concen: 0.300 ng/ul
RT: 17.427 min Scan# 3137
Delta R.T. -0.001 min
Lab File: BN018598.D
Acq: 11 Feb 2022 16:39

Tgt Ion:178 Resp: 10997

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	19.6	15.5	23.3



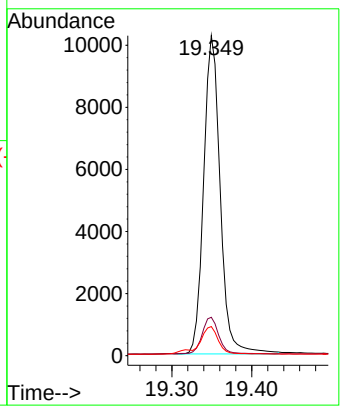


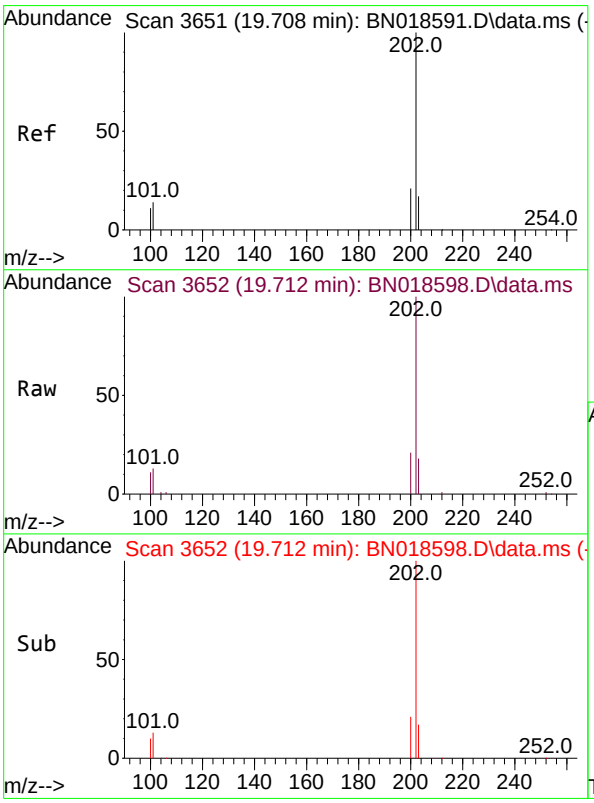
#19
Fluoranthene
Concen: 0.328 ng/ul
RT: 19.349 min Scan# 3
Delta R.T. -0.001 min
Lab File: BN018598.D
Acq: 11 Feb 2022 16:39

Instrument :
BNA_N
ClientSampleId :
SLCS388

Tgt Ion:202 Resp: 14809

Ion	Ratio	Lower	Upper
202	100		
101	12.0	7.5	11.3#
100	9.1	5.4	8.2#

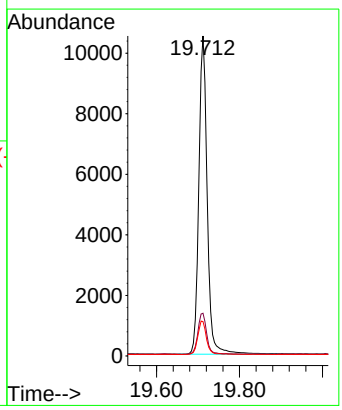


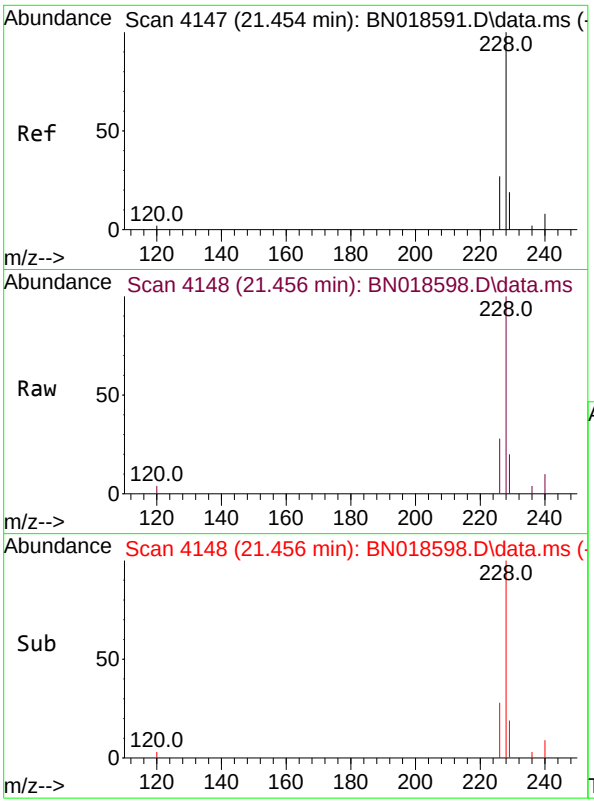


#20
Pyrene
Concen: 0.324 ng/ul
RT: 19.712 min Scan# 3652
Delta R.T. 0.004 min
Lab File: BN018598.D
Acq: 11 Feb 2022 16:39

Tgt Ion:202 Resp: 14838

Ion	Ratio	Lower	Upper
202	100		
101	13.4	9.0	13.4
100	10.8	7.0	10.4#



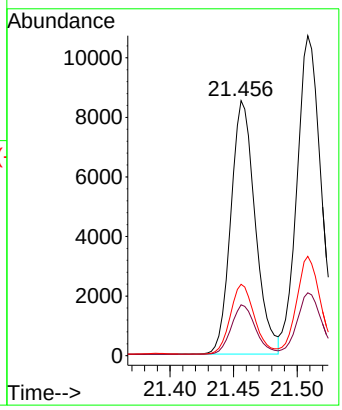


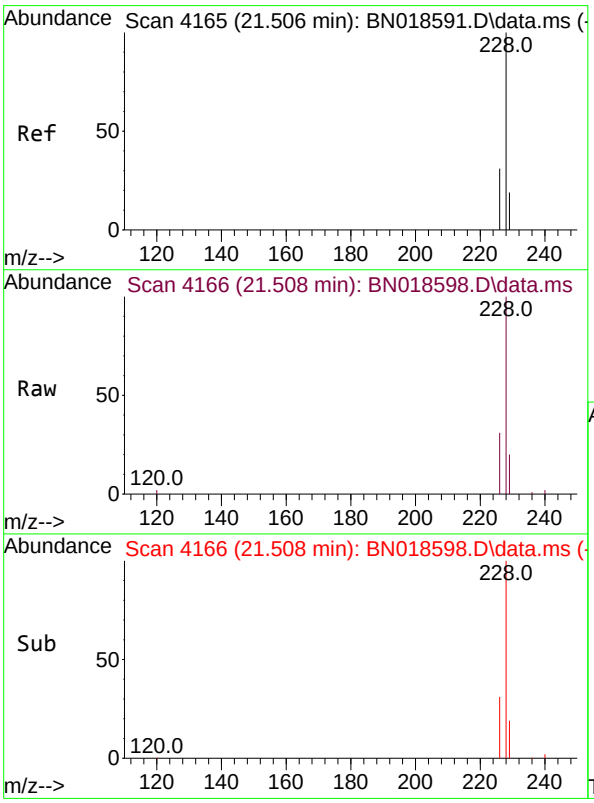
#21
Benzo(a)anthracene
Concen: 0.326 ng/ul
RT: 21.456 min Scan# 4
Delta R.T. 0.002 min
Lab File: BN018598.D
Acq: 11 Feb 2022 16:39

Instrument :
BNA_N
ClientSampleId :
SLCS388

Tgt Ion:228 Resp: 11352

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.6	23.4
226	28.0	22.1	33.1

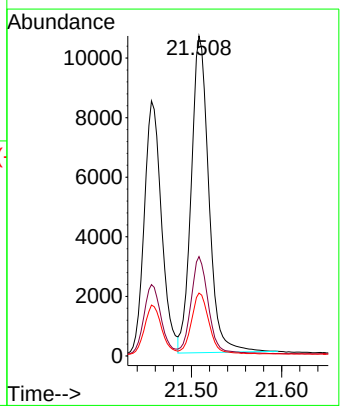


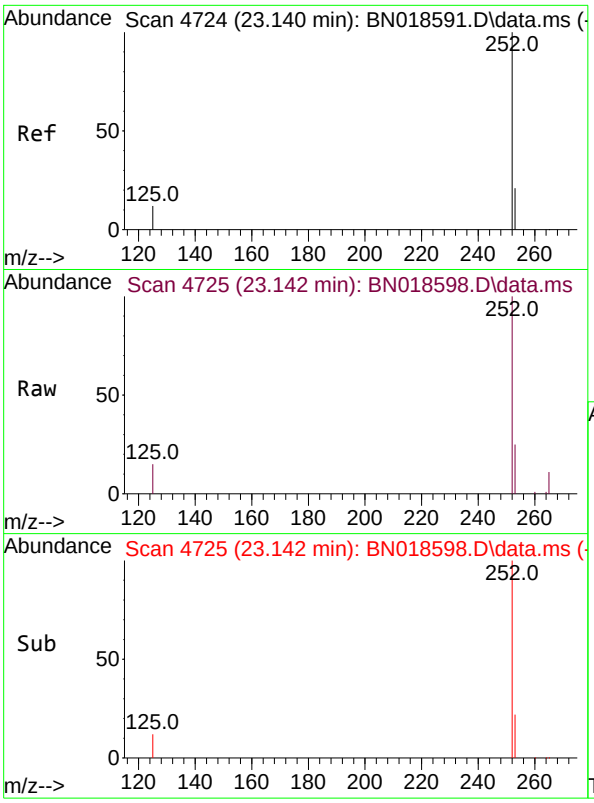


#22
Chrysene
Concen: 0.342 ng/ul
RT: 21.508 min Scan# 4166
Delta R.T. 0.002 min
Lab File: BN018598.D
Acq: 11 Feb 2022 16:39

Tgt Ion:228 Resp: 14355

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.2	36.4
229	19.6	15.7	23.5



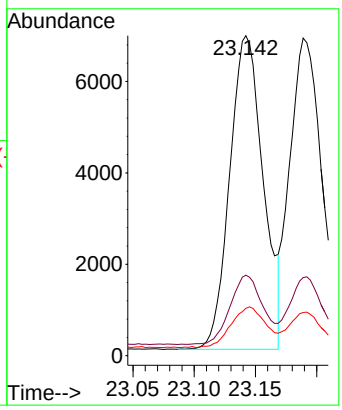


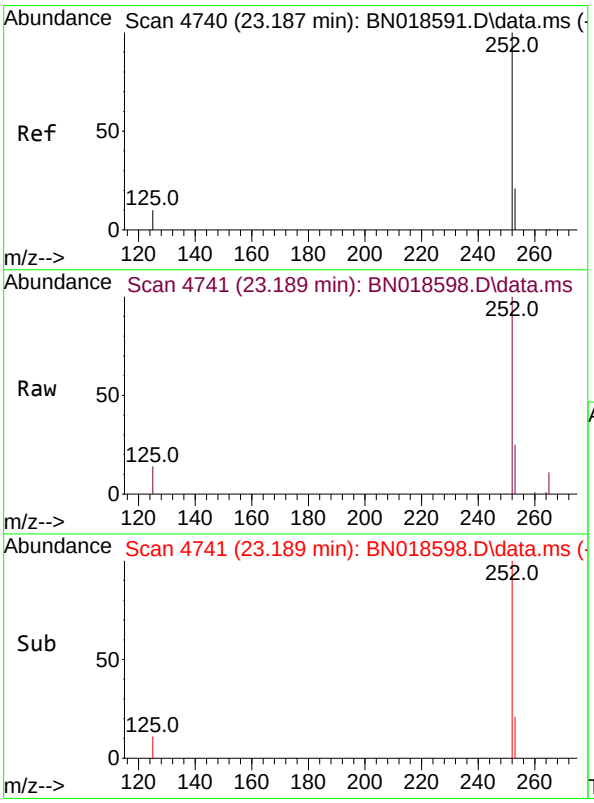
#24
Benzo(b)fluoranthene
Concen: 0.339 ng/ul
RT: 23.142 min Scan# 4
Delta R.T. 0.002 min
Lab File: BN018598.D
Acq: 11 Feb 2022 16:39

Instrument :
BNA_N
ClientSampleId :
SLCS388

Tgt Ion:252 Resp: 13045

Ion	Ratio	Lower	Upper
252	100		
253	25.1	0.0	46.4
125	14.8	0.0	17.8

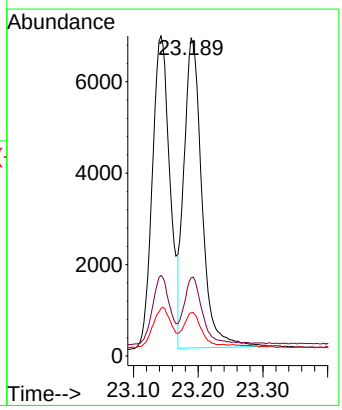


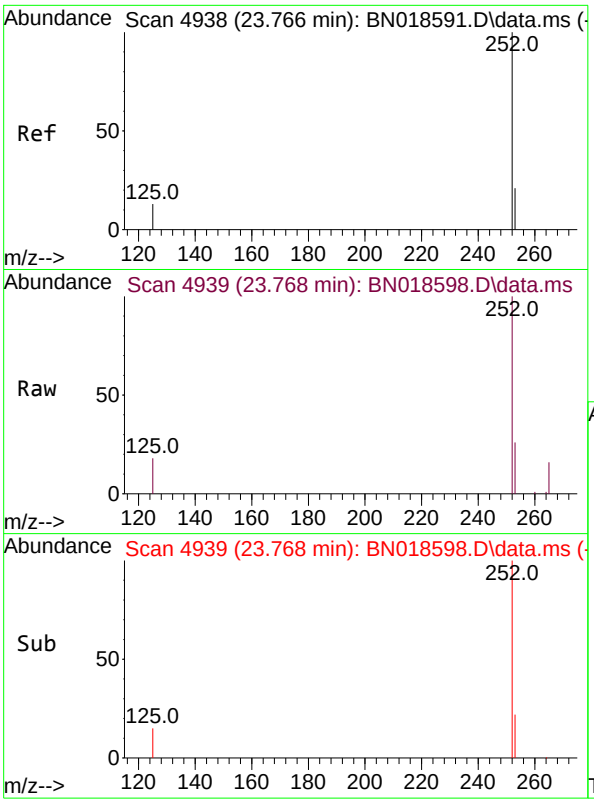


#25
Benzo(k)fluoranthene
Concen: 0.323 ng/ul
RT: 23.189 min Scan# 4741
Delta R.T. 0.002 min
Lab File: BN018598.D
Acq: 11 Feb 2022 16:39

Tgt Ion:252 Resp: 13047

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.6	28.0
125	13.6	7.3	10.9#



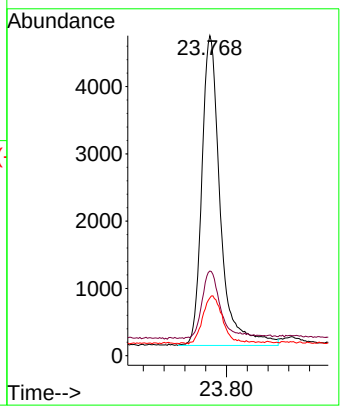


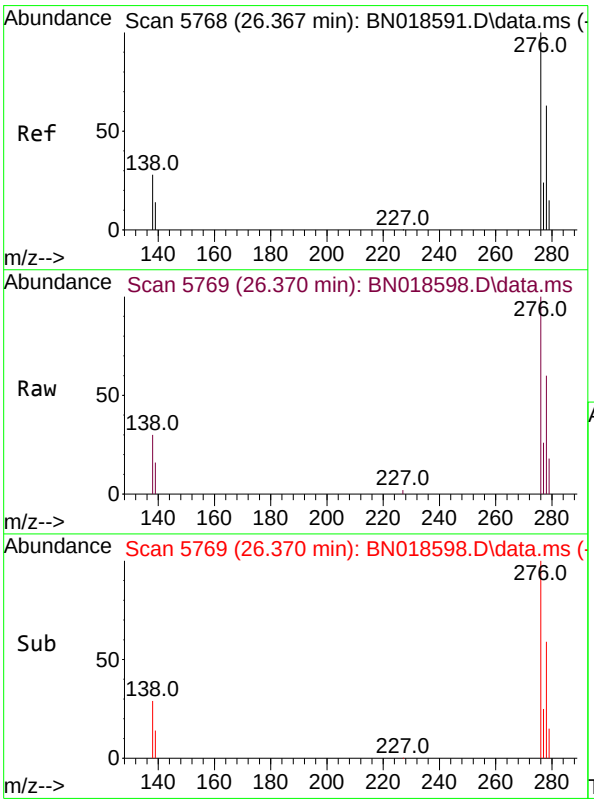
#26
Benzo(a)pyrene
Concen: 0.365 ng/ul
RT: 23.768 min Scan# 4
Delta R.T. 0.002 min
Lab File: BN018598.D
Acq: 11 Feb 2022 16:39

Instrument :
BNA_N
ClientSampleId :
SLCS388

Tgt Ion:252 Resp: 11334

Ion	Ratio	Lower	Upper
252	100		
253	26.4	18.9	28.3
125	18.1	8.2	12.2#

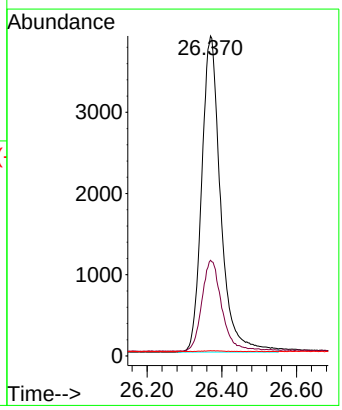


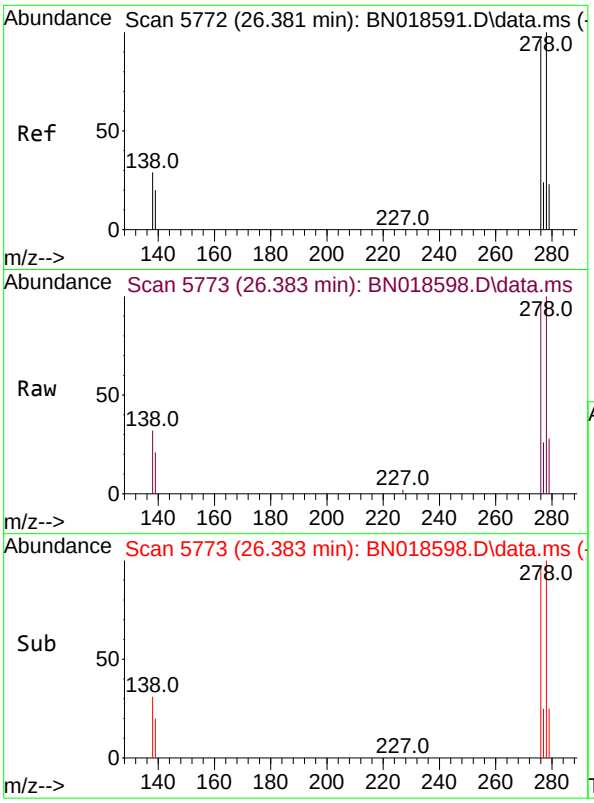


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.330 ng/ul
RT: 26.370 min Scan# 5769
Delta R.T. 0.002 min
Lab File: BN018598.D
Acq: 11 Feb 2022 16:39

Tgt Ion:276 Resp: 13658

Ion	Ratio	Lower	Upper
276	100		
138	30.4	16.5	24.7#
227	0.2	0.1	0.1#



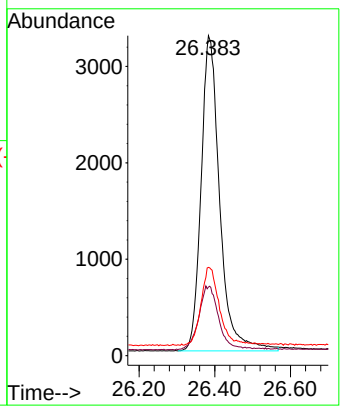


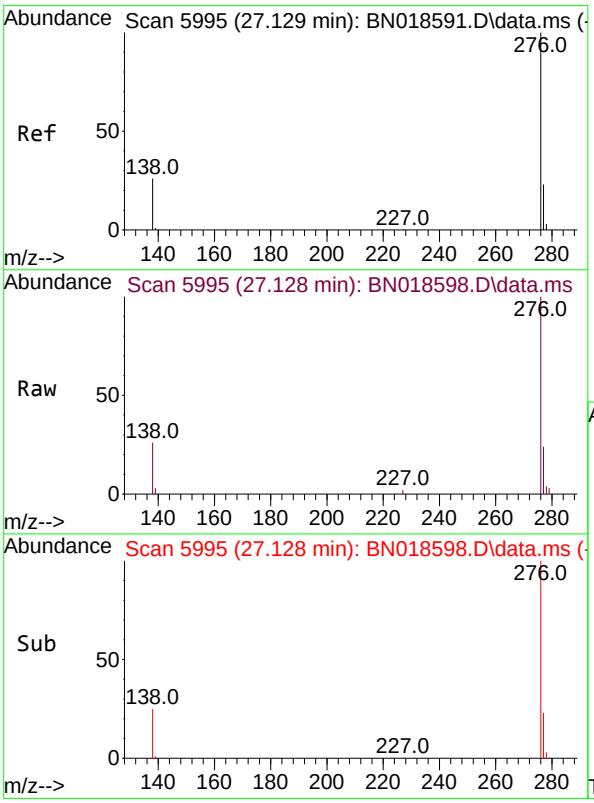
#28
Dibenzo(a,h)anthracene
Concen: 0.340 ng/ul
RT: 26.383 min Scan# 5
Delta R.T. 0.002 min
Lab File: BN018598.D
Acq: 11 Feb 2022 16:39

Instrument :
BNA_N
ClientSampleId :
SLCS388

Tgt Ion:278 Resp: 11152

Ion	Ratio	Lower	Upper
278	100		
139	21.4	11.9	17.9#
279	27.6	19.5	29.3





#29
Benzo(g,h,i)perylene
Concen: 0.337 ng/ul
RT: 27.128 min Scan# 5995
Delta R.T. -0.001 min
Lab File: BN018598.D
Acq: 11 Feb 2022 16:39

Tgt Ion:276 Resp: 11832

Ion	Ratio	Lower	Upper
276	100		
138	26.2	14.4	21.6#
277	24.2	19.2	28.8