Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021122\
Data File : BN018589.D
Acq On : 11 Feb 2022 10:28
Operator : CG/JU
Sample : SSTD0.143
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.1243

Quant Time: Feb 11 13:39:12 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 13:38:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	5675	0.400	ng/ul	0.00
4) Naphthalene-d8	10.727	136	13412	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.553	164	6717	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.293	188	13136	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.474	240	9257	0.400	ng/ul	# 0.00
23) Perylene-d12	23.877	264	7883	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	717	0.110	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.316	152	1798	0.098	ng/ul	0.00
18) Fluoranthene-d10	19.318	212	3197	0.121	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.325	88	829	0.118	ng/ul#	72
5) Naphthalene	10.777	128	3970	0.106	ng/ul	97
7) 2-Methylnaphthalene	12.388	142	2422	0.102	ng/ul	99
8) 1-Methylnaphthalene	12.608	142	2506	0.103	ng/ul	99
10) Acenaphthylene	14.275	152	2819	0.106	ng/ul	96
11) Acenaphthene	14.617	153	2510	0.107	ng/ul	99
12) Fluorene	15.603	166	2768	0.109	ng/ul	99
14) Pentachlorophenol	16.947	266	222	0.091	ng/ul	96
15) Phenanthrene	17.335	178	4833	0.112	ng/ul	97
16) Anthracene	17.428	178	3618	0.105	ng/ul	96
19) Fluoranthene	19.350	202	4688	0.128	ng/ul#	91
20) Pyrene	19.713	202	4751	0.126	ng/ul#	91
21) Benzo(a)anthracene	21.457	228	3553	0.121	ng/ul	97
22) Chrysene	21.509	228	4376	0.121	ng/ul	97
24) Benzo(b)fluoranthene	23.146	252	4031	0.116	ng/ul#	75
25) Benzo(k)fluoranthene	23.193	252	4140	0.114	ng/ul#	78
26) Benzo(a)pyrene	23.769	252	3197	0.114	ng/ul#	65
27) Indeno(1,2,3-cd)pyrene	26.374	276	4278	0.116	ng/ul#	78
28) Dibenzo(a,h)anthracene	26.394	278	3370	0.117	ng/ul#	76
29) Benzo(g,h,i)perylene	27.132	276	3621	0.110	ng/ul#	84

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

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Quant Time: Feb 11 13:39:12 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN021122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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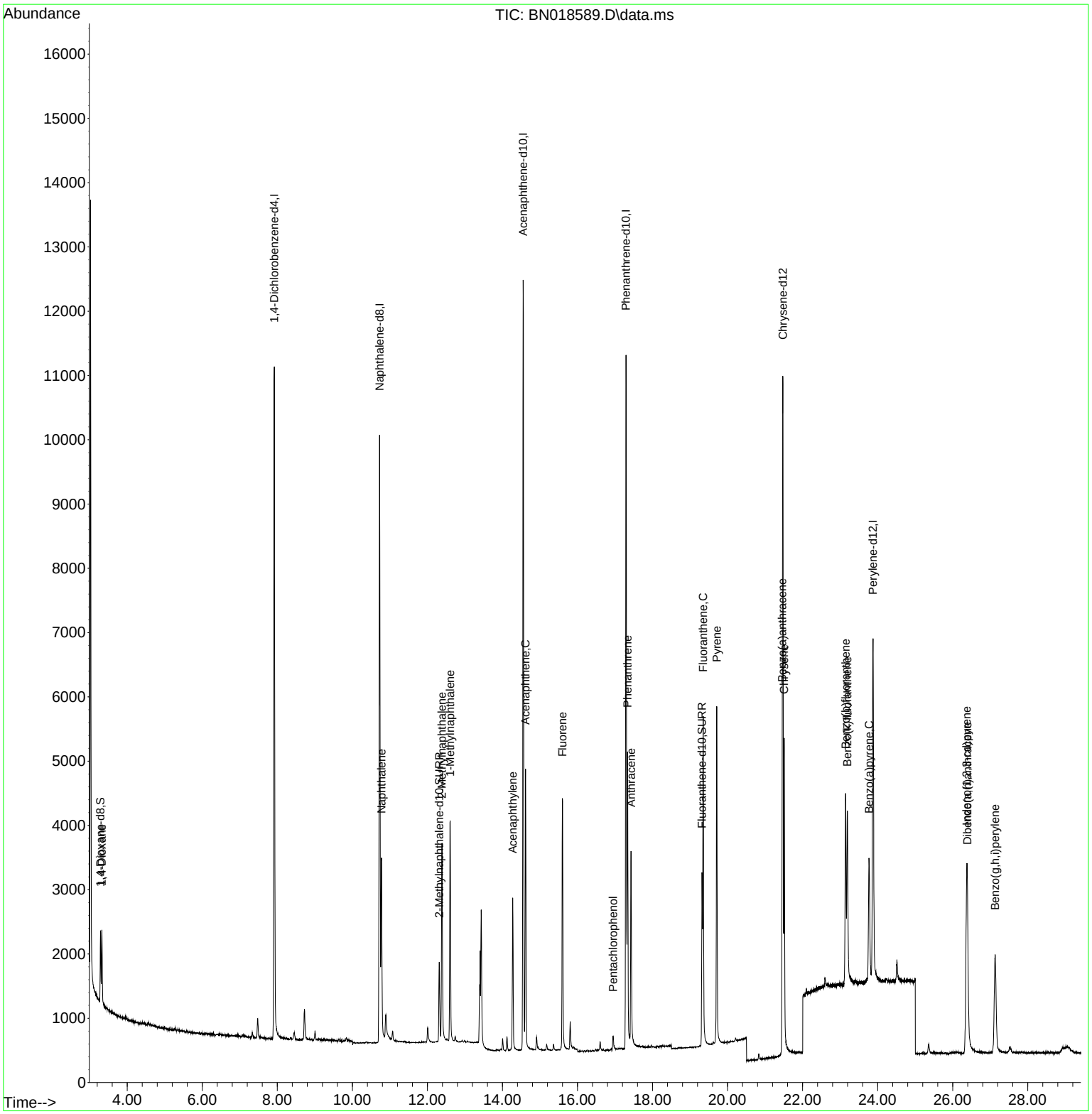
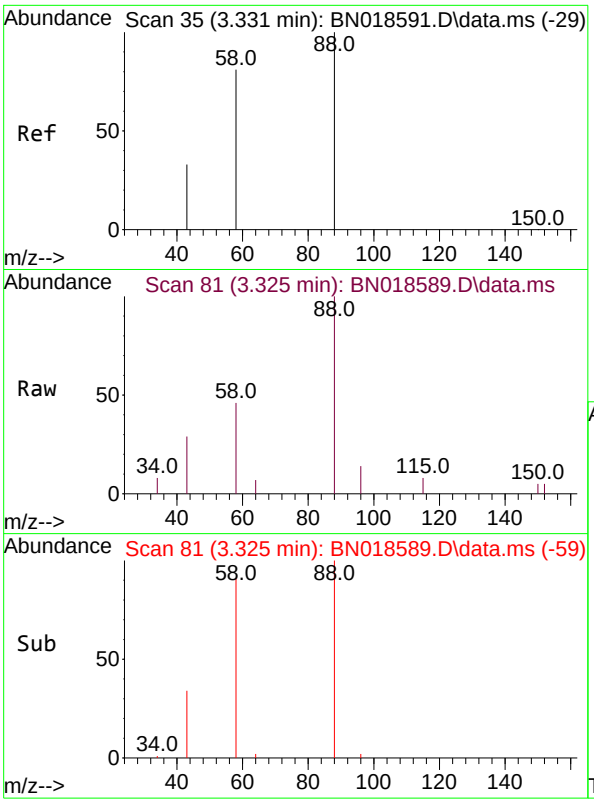


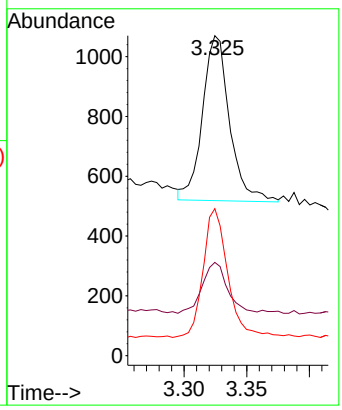


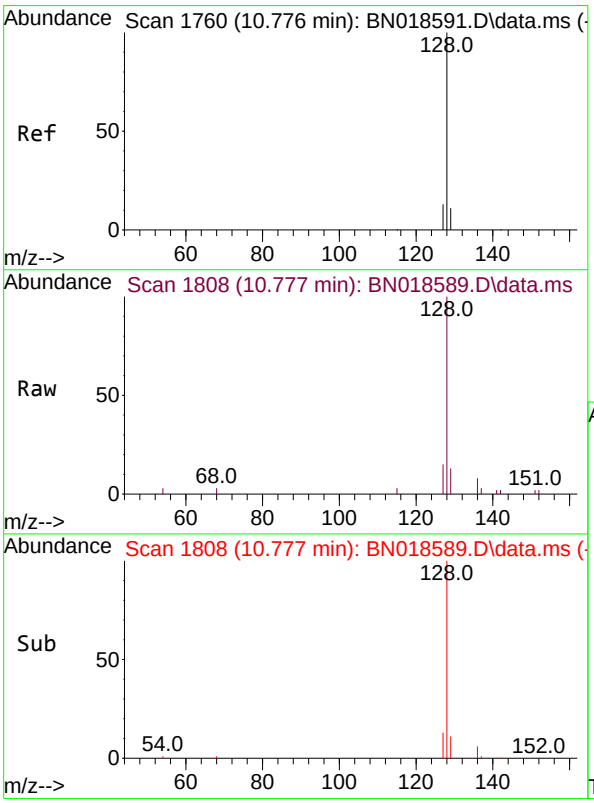
#2
1,4-Dioxane
Concen: 0.118 ng/ul
RT: 3.325 min Scan# 8
Delta R.T. -0.006 min
Lab File: BN018589.D
Acq: 11 Feb 2022 10:28

Instrument :
BNA_N
ClientSampleId :
SSTD0.1243

Tgt Ion: 88 Resp: 829

Ion	Ratio	Lower	Upper
88	100		
43	29.2	47.8	71.8#
58	46.0	46.2	69.2#

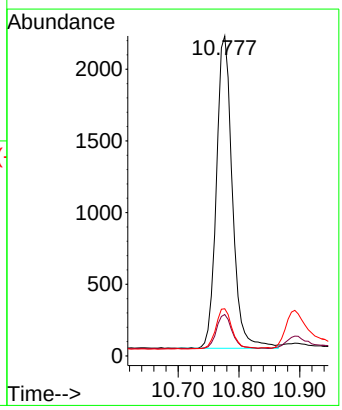


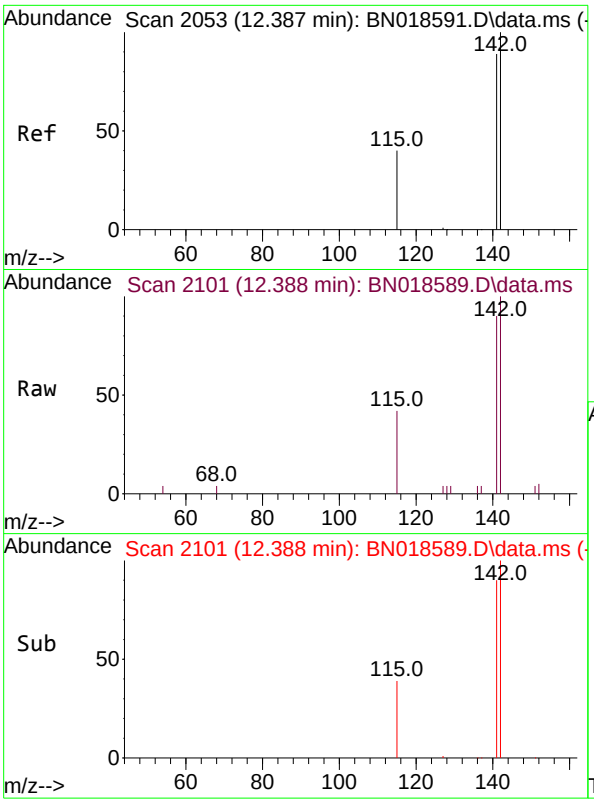


#5
Naphthalene
Concen: 0.106 ng/ul
RT: 10.777 min Scan# 1808
Delta R.T. 0.001 min
Lab File: BN018589.D
Acq: 11 Feb 2022 10:28

Tgt Ion:128 Resp: 3970

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.4	14.0
127	14.7	11.0	16.6



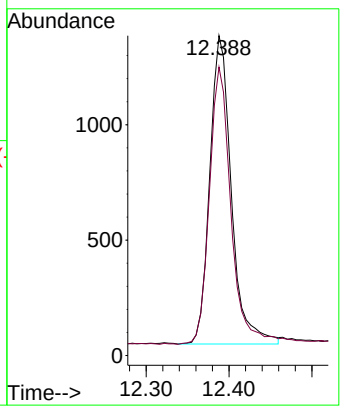


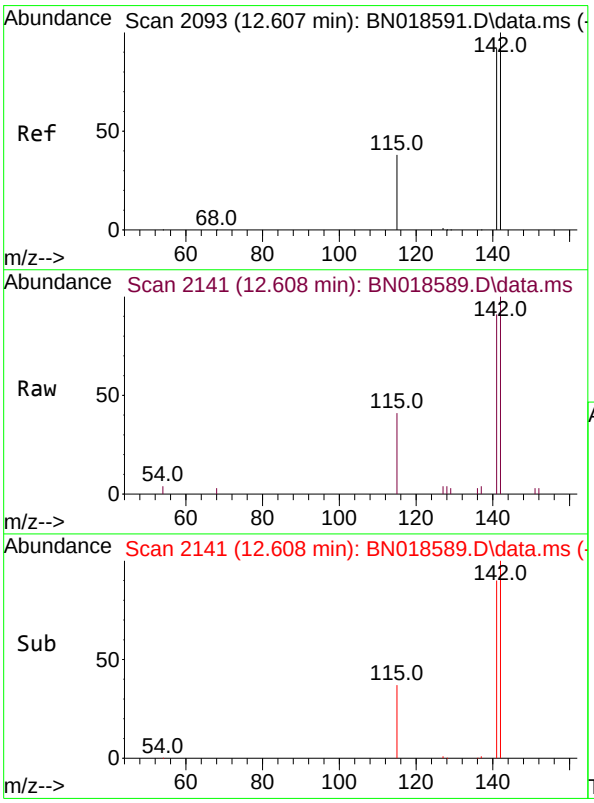
#7
2-Methylnaphthalene
Concen: 0.102 ng/ul
RT: 12.388 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN018589.D
Acq: 11 Feb 2022 10:28

Instrument :
BNA_N
ClientSampleId :
SSTD0.1243

Tgt Ion:142 Resp: 2422

Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.9	106.3

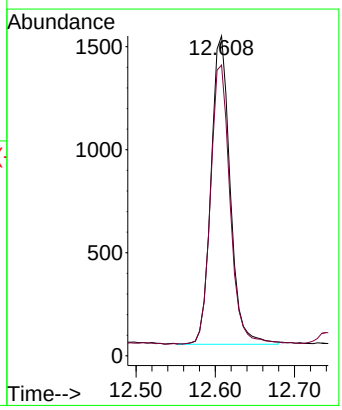


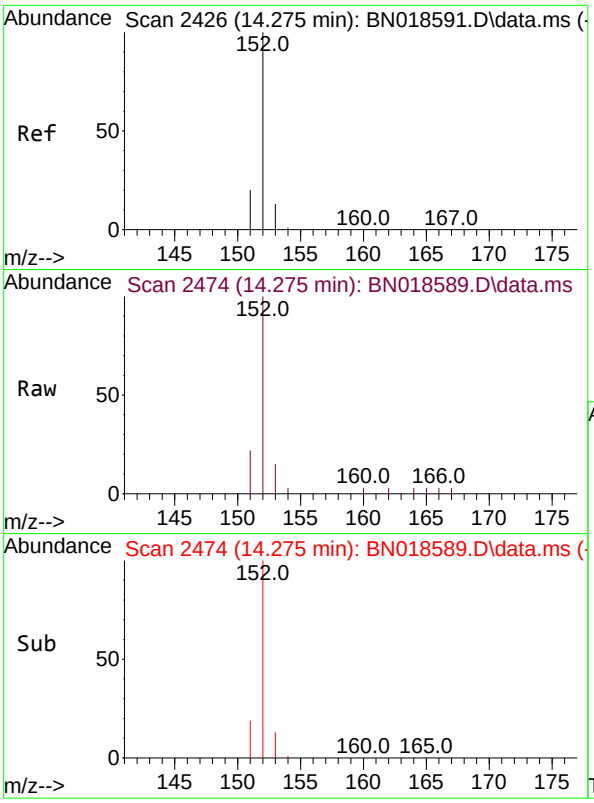


#8
1-Methylnaphthalene
Concen: 0.103 ng/ul
RT: 12.608 min Scan# 2141
Delta R.T. 0.001 min
Lab File: BN018589.D
Acq: 11 Feb 2022 10:28

Tgt Ion:142 Resp: 2506

Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.2	109.8



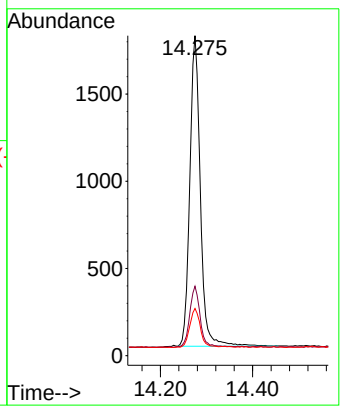


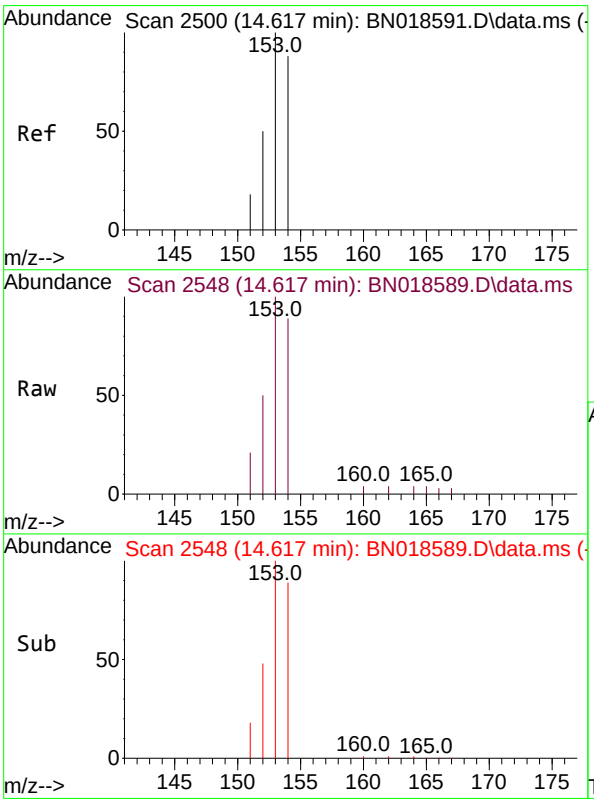
#10
Acenaphthylene
Concen: 0.106 ng/ul
RT: 14.275 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN018589.D
Acq: 11 Feb 2022 10:28

Instrument :
BNA_N
ClientSampleId :
SSTD0.1243

Tgt Ion:152 Resp: 2819

Ion	Ratio	Lower	Upper
152	100		
151	21.7	15.8	23.8
153	14.8	10.7	16.1

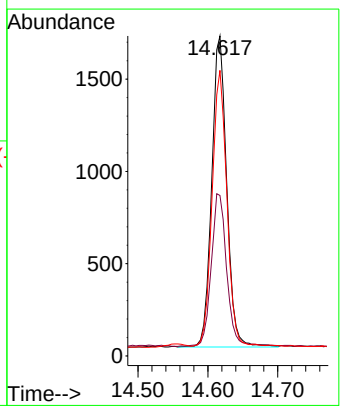


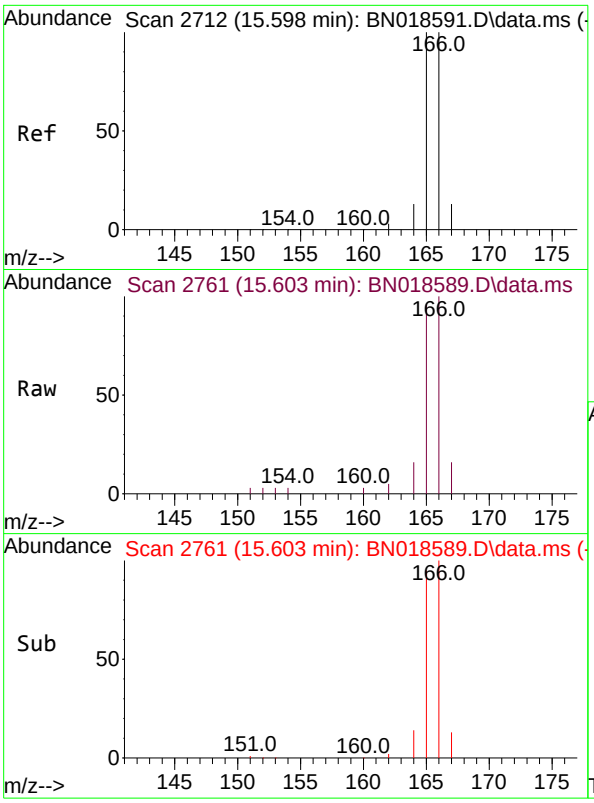


#11
Acenaphthene
Concen: 0.107 ng/ul
RT: 14.617 min Scan# 2548
Delta R.T. -0.000 min
Lab File: BN018589.D
Acq: 11 Feb 2022 10:28

Tgt Ion:153 Resp: 2510

Ion	Ratio	Lower	Upper
153	100		
152	50.2	39.7	59.5
154	89.3	70.9	106.3



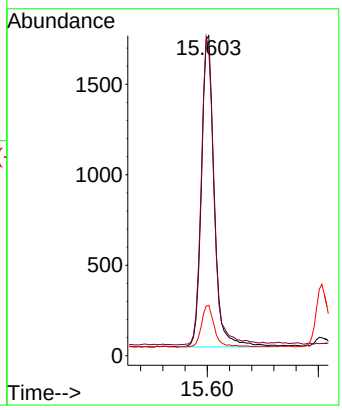


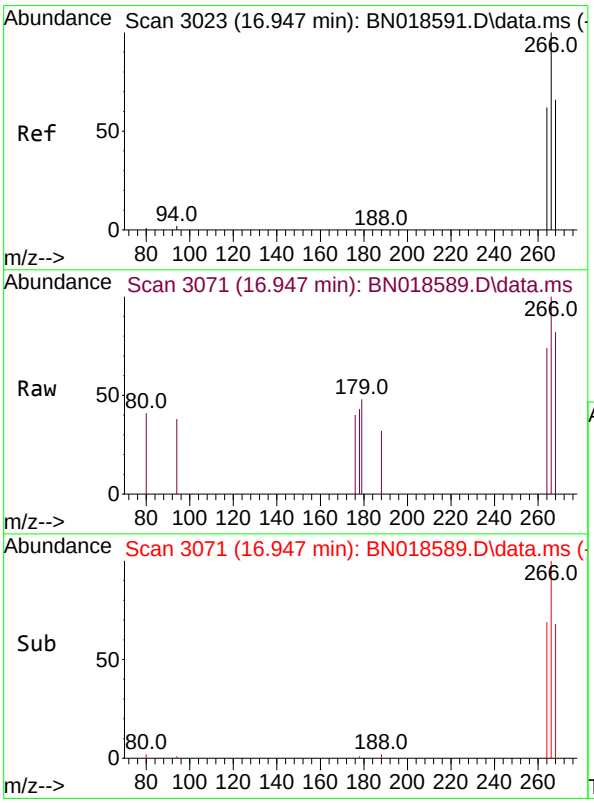
#12
Fluorene
Concen: 0.109 ng/ul
RT: 15.603 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN018589.D
Acq: 11 Feb 2022 10:28

Instrument :
BNA_N
ClientSampleId :
SSTD0.1243

Tgt Ion:166 Resp: 2768

Ion	Ratio	Lower	Upper
166	100		
165	96.0	77.8	116.6
167	15.8	11.6	17.4

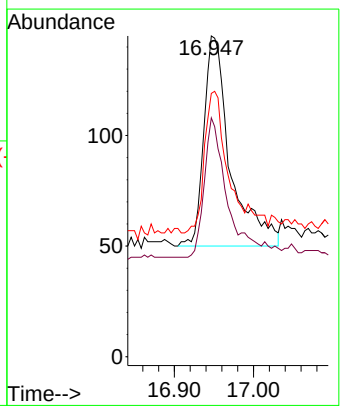


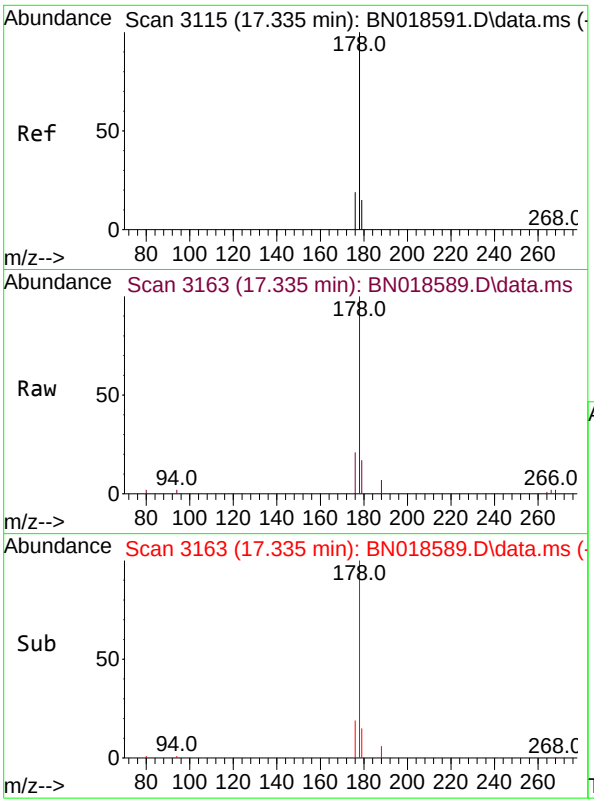


#14
Pentachlorophenol
Concen: 0.091 ng/ul
RT: 16.947 min Scan# 3071
Delta R.T. -0.000 min
Lab File: BN018589.D
Acq: 11 Feb 2022 10:28

Tgt Ion:266 Resp: 222

Ion	Ratio	Lower	Upper
266	100		
264	58.6	49.9	74.9
268	62.2	51.7	77.5



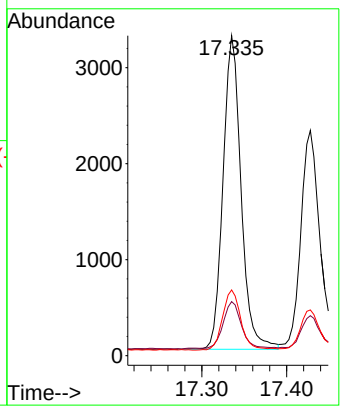


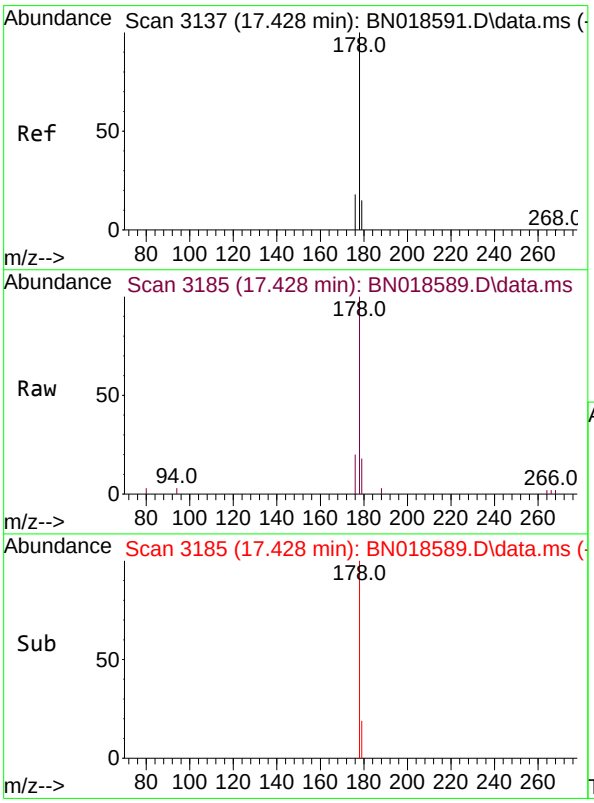
#15
Phenanthrene
Concen: 0.112 ng/ul
RT: 17.335 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN018589.D
Acq: 11 Feb 2022 10:28

Instrument :
BNA_N
ClientSampleId :
SSTD0.1243

Tgt Ion:178 Resp: 4833

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.2	18.4
176	20.5	15.4	23.2

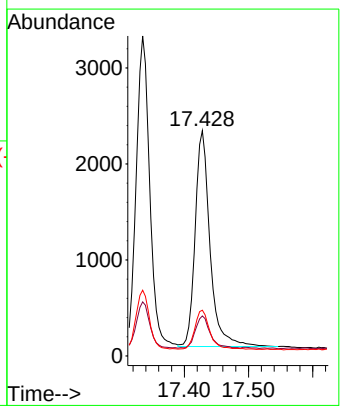


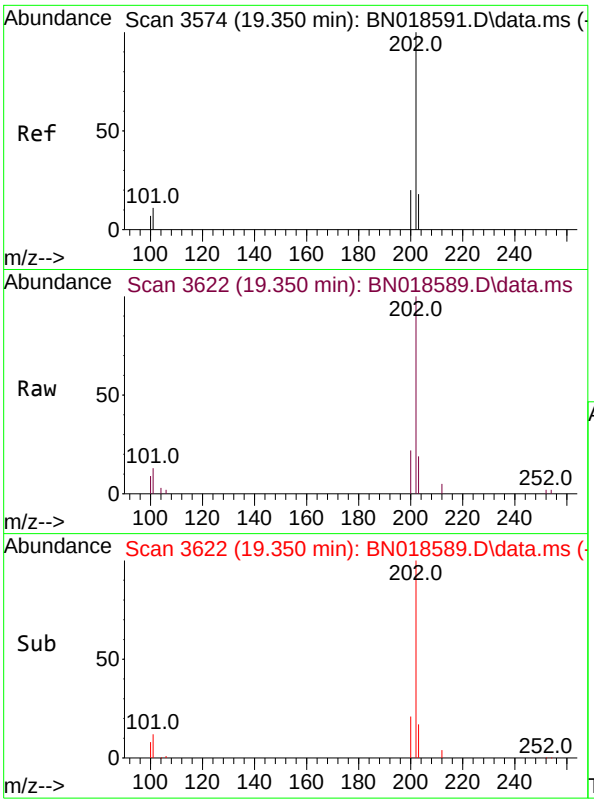


#16
Anthracene
Concen: 0.105 ng/ul
RT: 17.428 min Scan# 3185
Delta R.T. -0.000 min
Lab File: BN018589.D
Acq: 11 Feb 2022 10:28

Tgt Ion:178 Resp: 3618

Ion	Ratio	Lower	Upper
178	100		
179	17.7	12.3	18.5
176	20.3	15.5	23.3



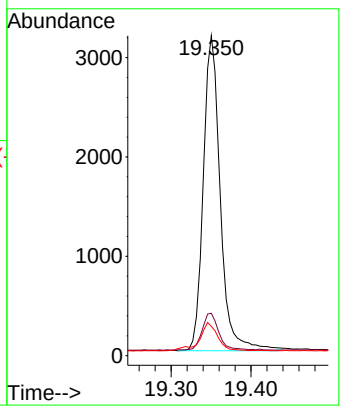


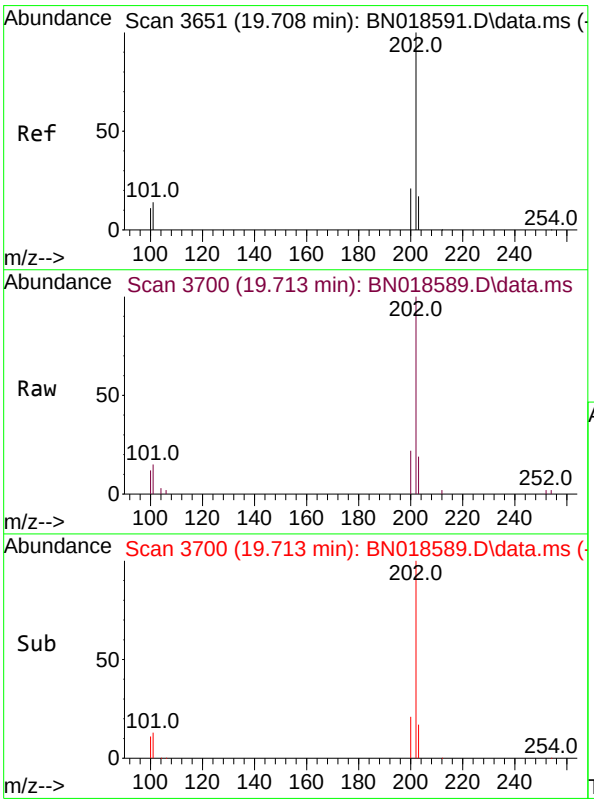
#19
Fluoranthene
Concen: 0.128 ng/ul
RT: 19.350 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN018589.D
Acq: 11 Feb 2022 10:28

Instrument :
BNA_N
ClientSampleId :
SSTD0.1243

Tgt Ion:202 Resp: 4688

Ion	Ratio	Lower	Upper
202	100		
101	13.2	7.5	11.3#
100	9.1	5.4	8.2#

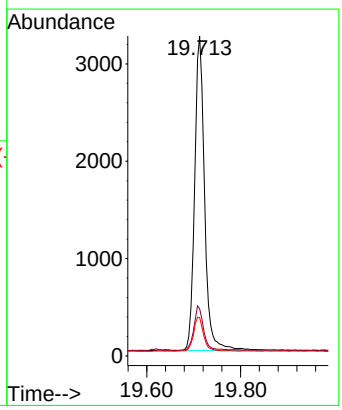


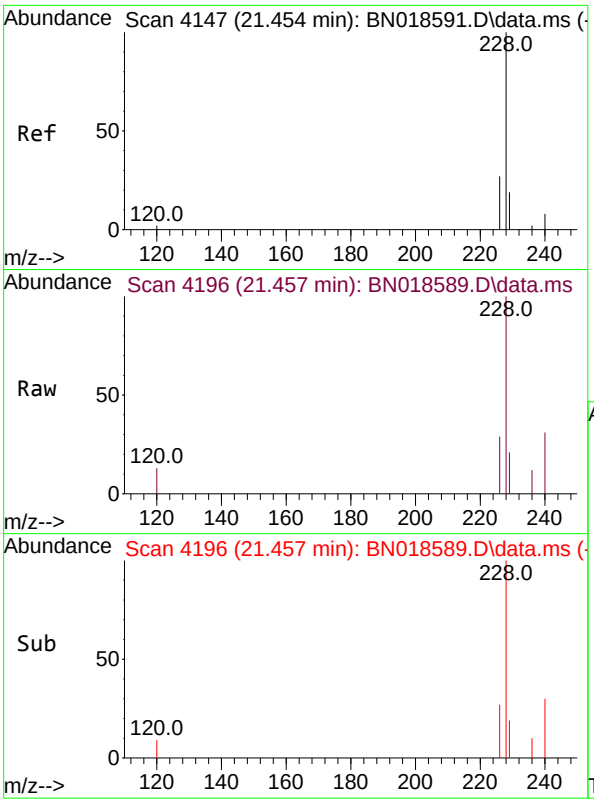


#20
Pyrene
Concen: 0.126 ng/ul
RT: 19.713 min Scan# 3700
Delta R.T. 0.005 min
Lab File: BN018589.D
Acq: 11 Feb 2022 10:28

Tgt Ion:202 Resp: 4751

Ion	Ratio	Lower	Upper
202	100		
101	14.8	9.0	13.4#
100	12.0	7.0	10.4#



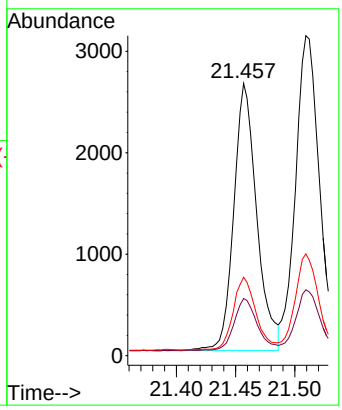


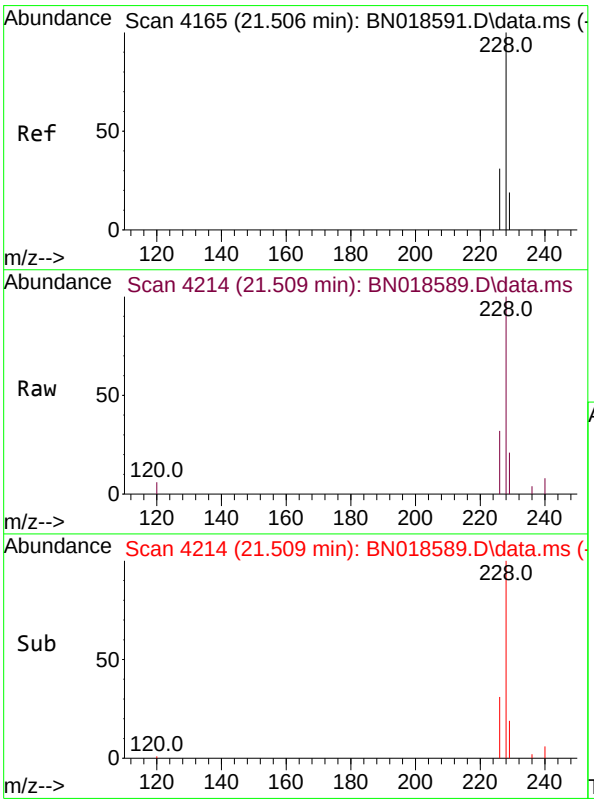
#21
Benzo(a)anthracene
Concen: 0.121 ng/ul
RT: 21.457 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN018589.D
Acq: 11 Feb 2022 10:28

Instrument :
BNA_N
ClientSampleId :
SSTD0.1243

Tgt Ion:228 Resp: 3553

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.6	23.4
226	28.8	22.1	33.1

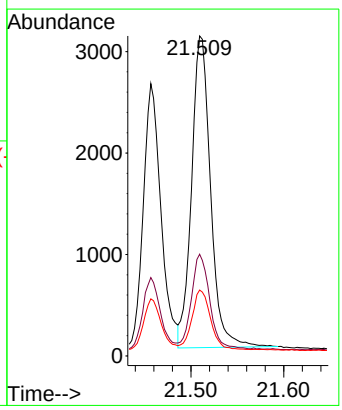


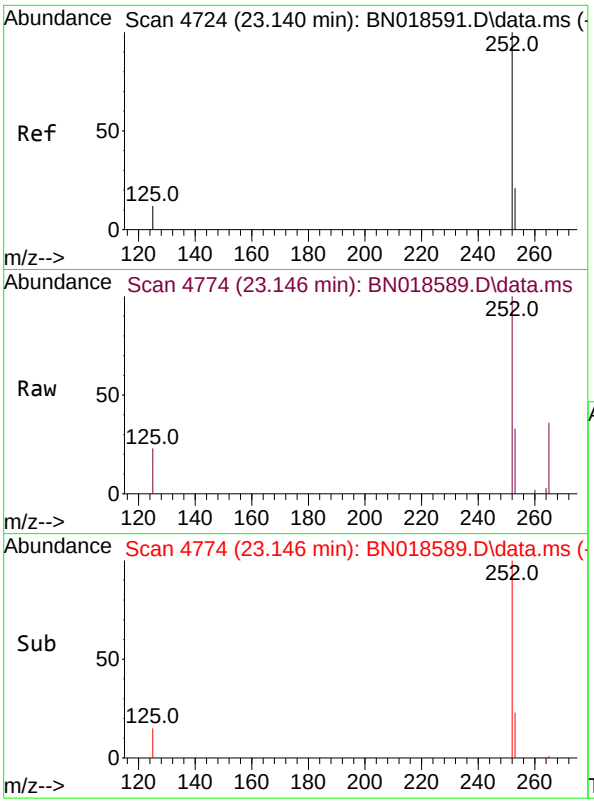


#22
Chrysene
Concen: 0.121 ng/ul
RT: 21.509 min Scan# 4214
Delta R.T. 0.003 min
Lab File: BN018589.D
Acq: 11 Feb 2022 10:28

Tgt Ion:228 Resp: 4376

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.2	36.4
229	20.6	15.7	23.5



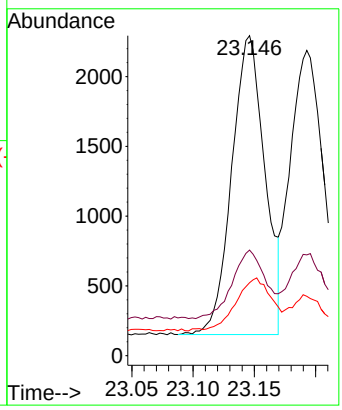


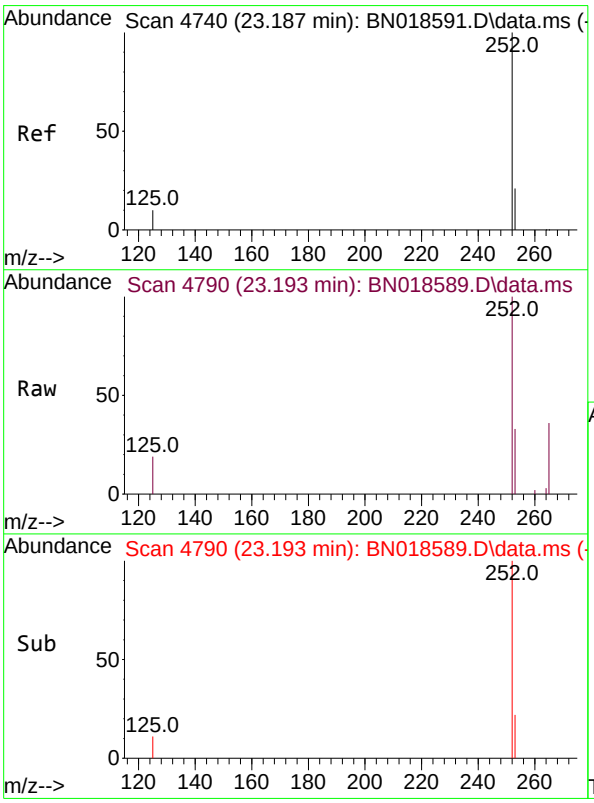
#24
Benzo(b)fluoranthene
Concen: 0.116 ng/ul
RT: 23.146 min Scan# 4
Delta R.T. 0.006 min
Lab File: BN018589.D
Acq: 11 Feb 2022 10:28

Instrument :
BNA_N
ClientSampleId :
SSTD0.1243

Tgt Ion:252 Resp: 4031

Ion	Ratio	Lower	Upper
252	100		
253	33.0	0.0	46.4
125	22.8	0.0	17.8#

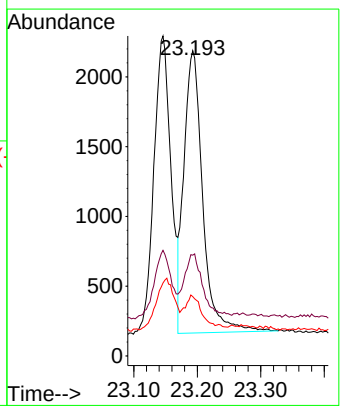


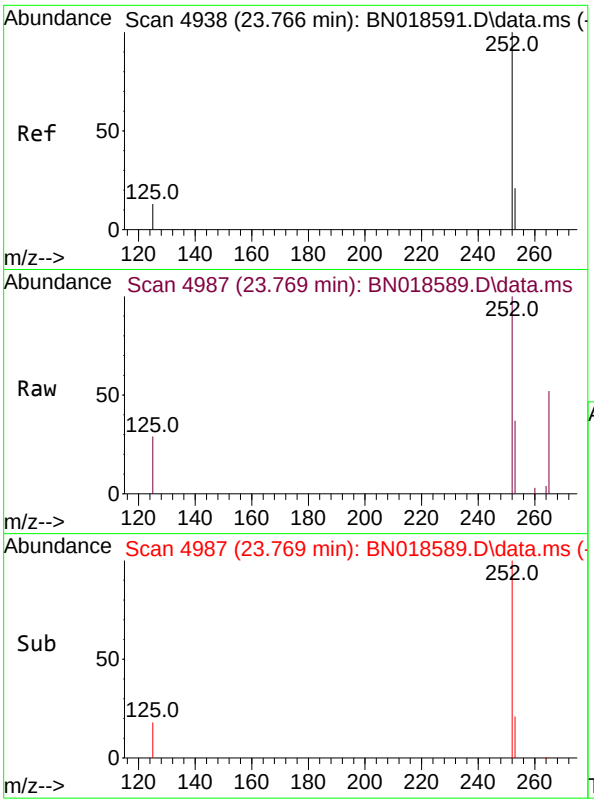


#25
Benzo(k)fluoranthene
Concen: 0.114 ng/ul
RT: 23.193 min Scan# 4790
Delta R.T. 0.006 min
Lab File: BN018589.D
Acq: 11 Feb 2022 10:28

Tgt Ion:252 Resp: 4140

Ion	Ratio	Lower	Upper
252	100		
253	33.0	18.6	28.0#
125	19.4	7.3	10.9#



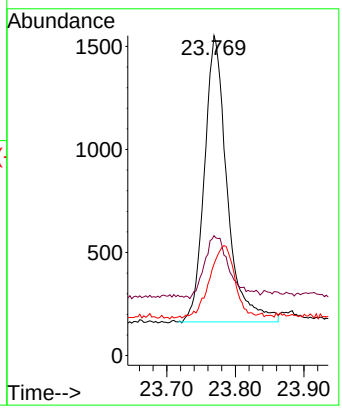


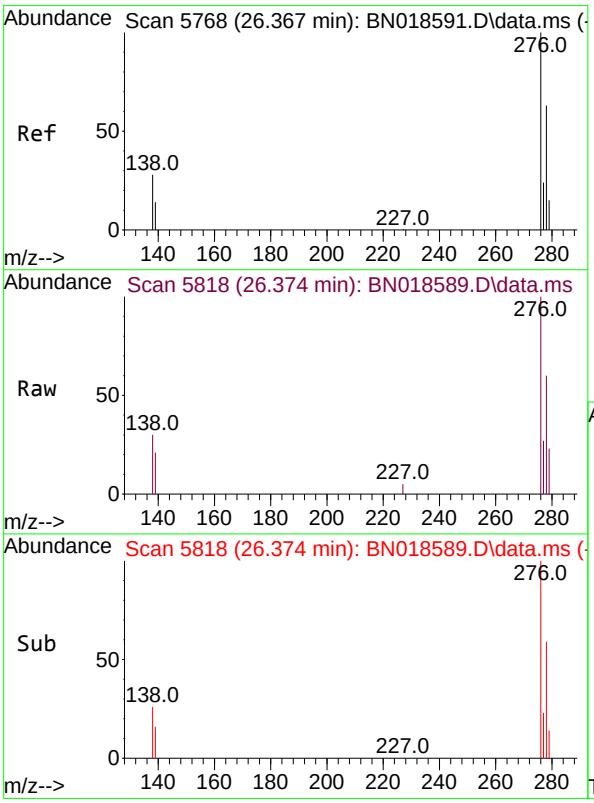
#26
Benzo(a)pyrene
Concen: 0.114 ng/ul
RT: 23.769 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN018589.D
Acq: 11 Feb 2022 10:28

Instrument :
BNA_N
ClientSampleId :
SSTD0.1243

Tgt Ion:252 Resp: 3197

Ion	Ratio	Lower	Upper
252	100		
253	37.5	18.9	28.3#
125	28.6	8.2	12.2#

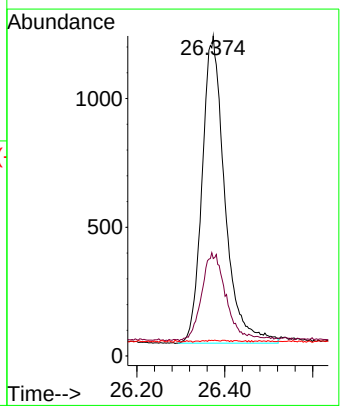


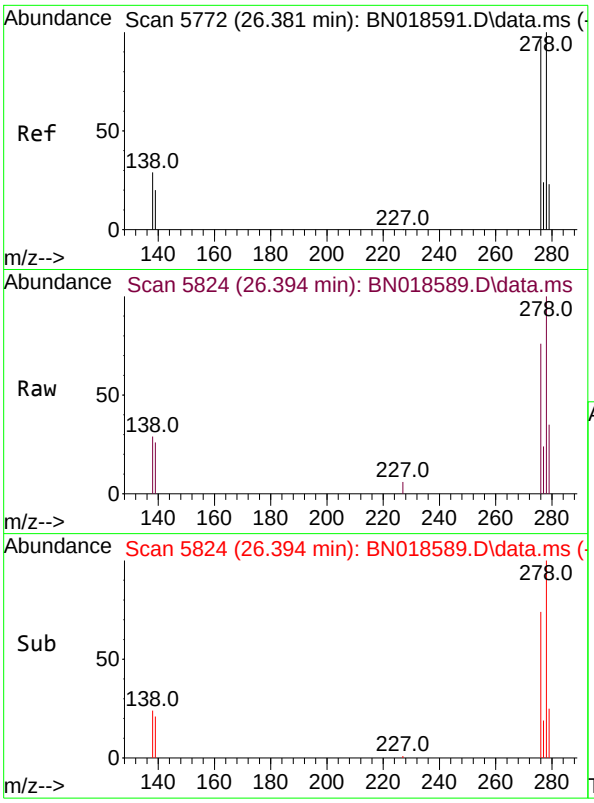


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.116 ng/ul
RT: 26.374 min Scan# 5818
Delta R.T. 0.007 min
Lab File: BN018589.D
Acq: 11 Feb 2022 10:28

Tgt Ion:276 Resp: 4278

Ion	Ratio	Lower	Upper
276	100		
138	31.0	16.5	24.7#
227	0.2	0.1	0.1#



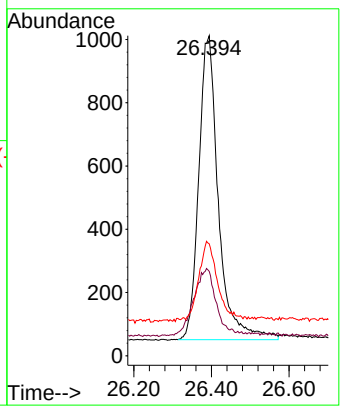


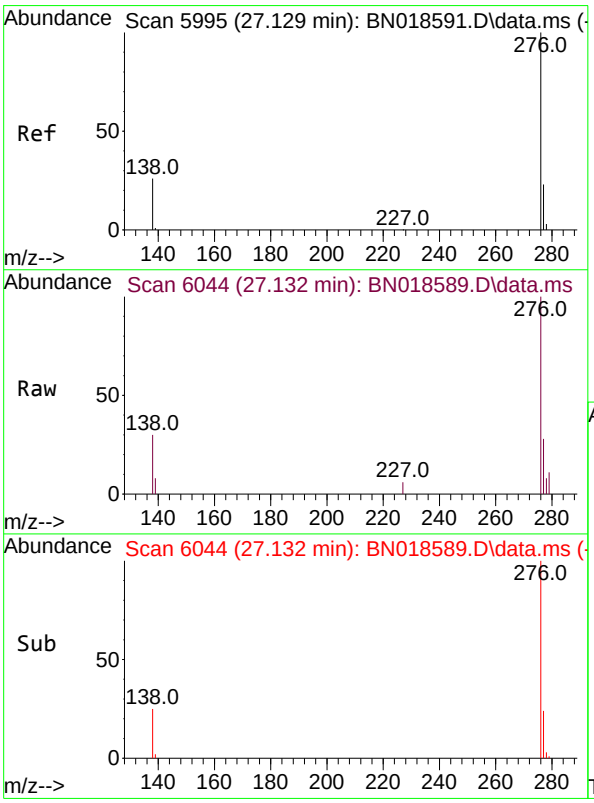
#28
Dibenzo(a,h)anthracene
Concen: 0.117 ng/ul
RT: 26.394 min Scan# 5
Delta R.T. 0.013 min
Lab File: BN018589.D
Acq: 11 Feb 2022 10:28

Instrument :
BNA_N
ClientSampleId :
SSTD0.1243

Tgt Ion:278 Resp: 3370

Ion	Ratio	Lower	Upper
278	100		
139	26.4	11.9	17.9#
279	35.0	19.5	29.3#





#29
Benzo(g,h,i)perylene
Concen: 0.110 ng/ul
RT: 27.132 min Scan# 6044
Delta R.T. 0.003 min
Lab File: BN018589.D
Acq: 11 Feb 2022 10:28

Tgt Ion:276 Resp: 3621

Ion	Ratio	Lower	Upper
276	100		
138	29.5	14.4	21.6#
277	28.4	19.2	28.8