Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051822\
Data File : BN019826.D
Acq On : 18 May 2022 12:08
Operator : CG/JU
Sample : PB144854BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: May 19 03:19:15 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 01:41:05 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	4162	0.400	ng/ul	0.00
4) Naphthalene-d8	10.634	136	13146	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.469	164	7913	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	17811	0.400	ng/ul	0.00
17) Chrysene-d12	21.403	240	15845	0.400	ng/ul	0.00
23) Perylene-d12	23.747	264	12969	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	2941	0.597	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	7111	0.357	ng/ul	-0.01
18) Fluoranthene-d10	19.244	212	17039	0.340	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.344	88	7657	1.464	ng/ul#	70
5) Naphthalene	10.683	128	12895	0.303	ng/ul	100
7) 2-Methylnaphthalene	12.300	142	8475	0.327	ng/ul#	100
8) 1-Methylnaphthalene	12.514	142	8492	0.354	ng/ul#	100
10) Acenaphthylene	14.192	152	11454	0.293	ng/ul	99
11) Acenaphthene	14.534	153	9386	0.298	ng/ul	99
12) Fluorene	15.520	166	10775	0.312	ng/ul	99
14) Pentachlorophenol	16.867	266	829	0.216	ng/ul	90
15) Phenanthrene	17.251	178	19811	0.302	ng/ul	99
16) Anthracene	17.344	178	16096	0.301	ng/ul	99
19) Fluoranthene	19.271	202	22370	0.308	ng/ul	99
20) Pyrene	19.634	202	22269	0.308	ng/ul	97
21) Benzo(a)anthracene	21.388	228	18860	0.318	ng/ul	99
22) Chrysene	21.441	228	23460	0.336	ng/ul	99
24) Benzo(b)fluoranthene	23.033	252	21475	0.326	ng/ul	92
25) Benzo(k)fluoranthene	23.080	252	21844	0.345	ng/ul	98
26) Benzo(a)pyrene	23.641	252	18508	0.330	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.151	276	20925	0.299	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.164	278	17287	0.296	ng/ul#	81
29) Benzo(g,h,i)perylene	26.885	276	17587	0.275	ng/ul	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051822\
Data File : BN019826.D
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Operator : CG/JU
Sample : PB144854BS
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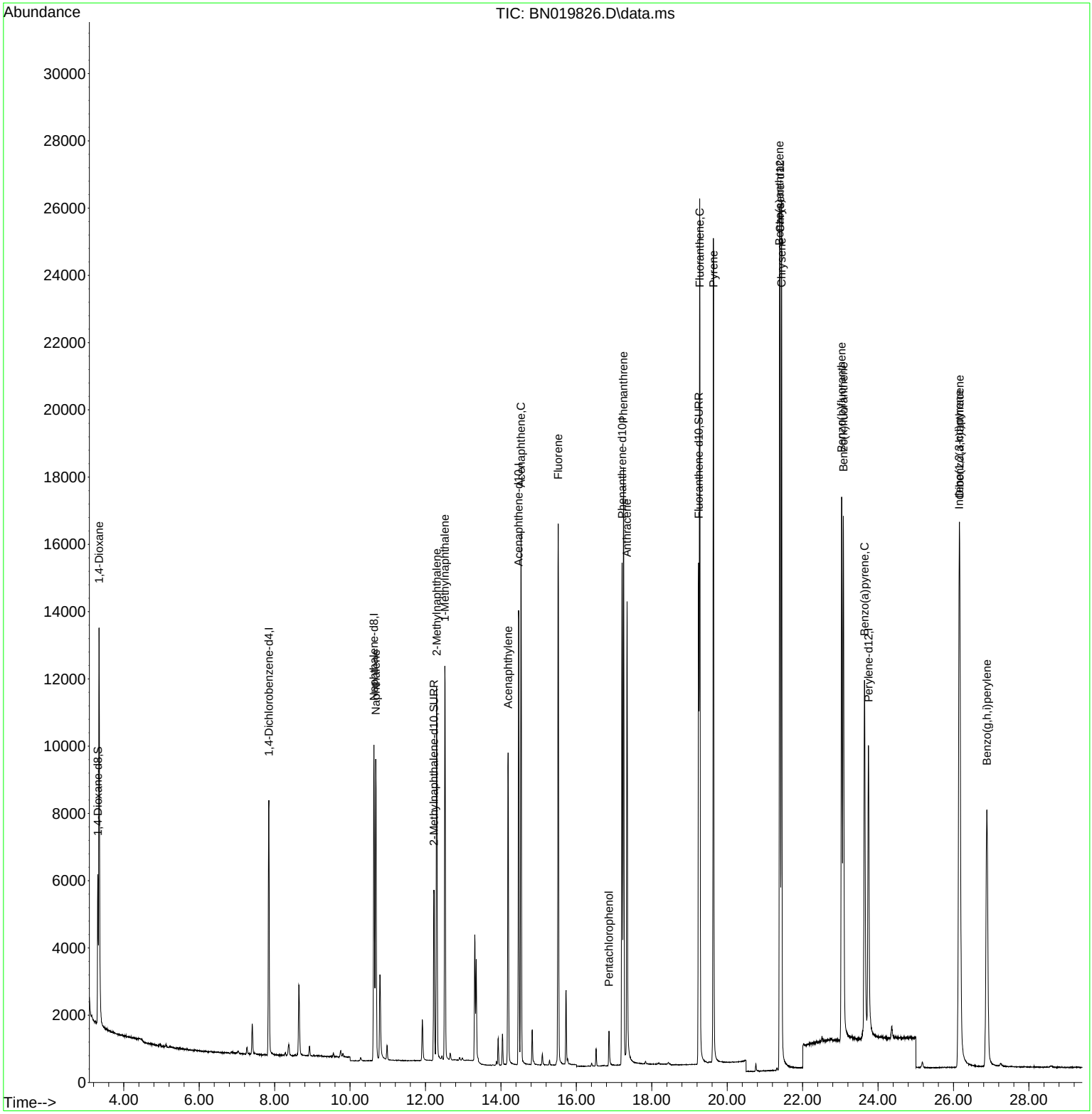
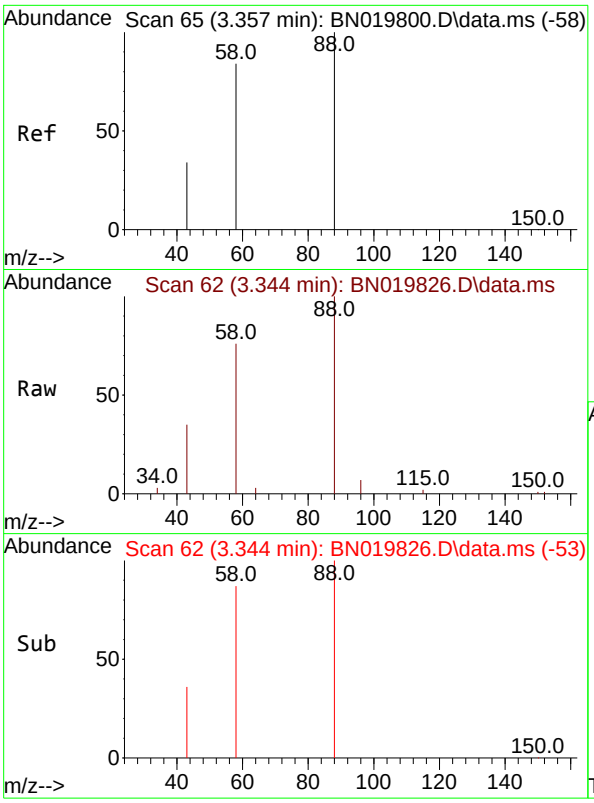
Quant Time: May 19 03:19:15 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 01:41:05 2022
Response via : Initial Calibration



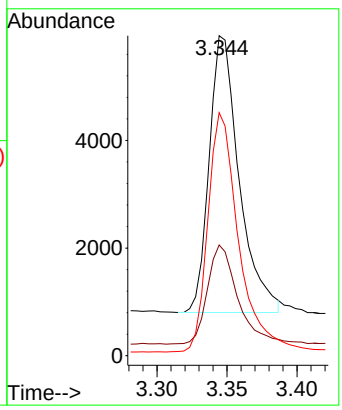


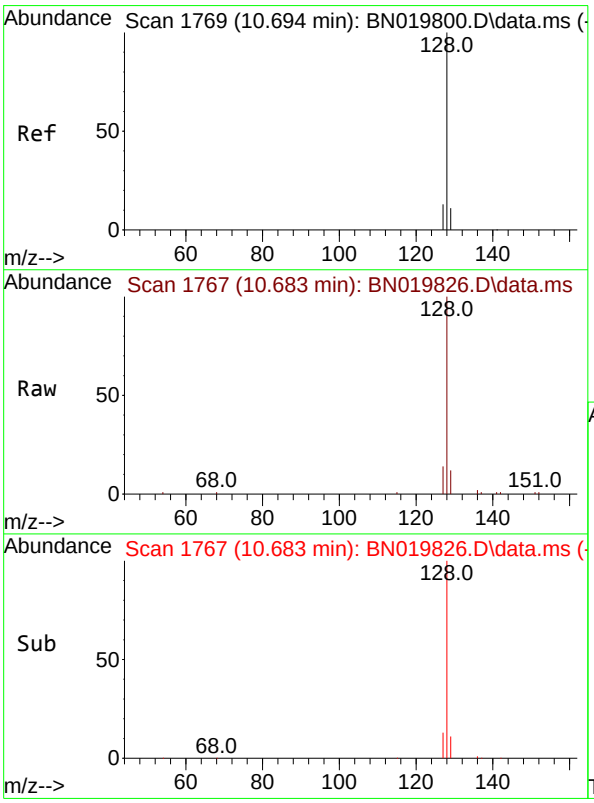
#2
1,4-Dioxane
Concen: 1.464 ng/ul
RT: 3.344 min Scan# 6
Delta R.T. -0.013 min
Lab File: BN019826.D
Acq: 18 May 2022 12:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 7657

Ion	Ratio	Lower	Upper
88	100		
43	34.6	39.0	58.4#
58	76.0	39.8	59.8#

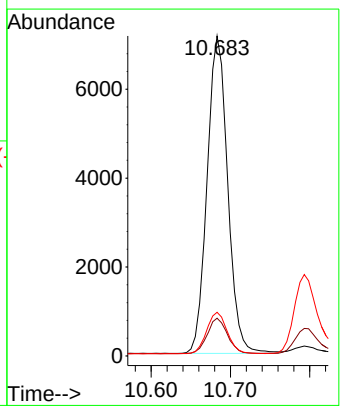


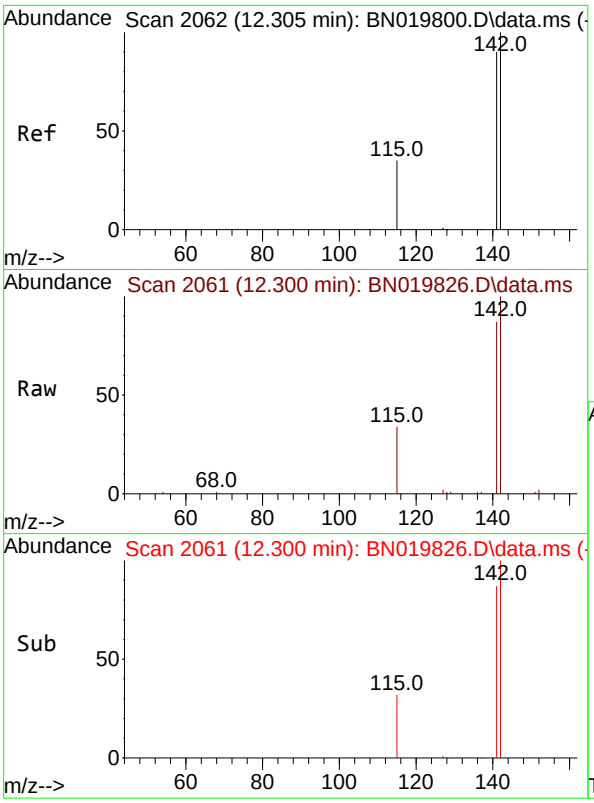


#5
Naphthalene
Concen: 0.303 ng/ul
RT: 10.683 min Scan# 1767
Delta R.T. -0.011 min
Lab File: BN019826.D
Acq: 18 May 2022 12:08

Tgt Ion:128 Resp: 12895

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.5	14.3
127	13.7	11.0	16.4



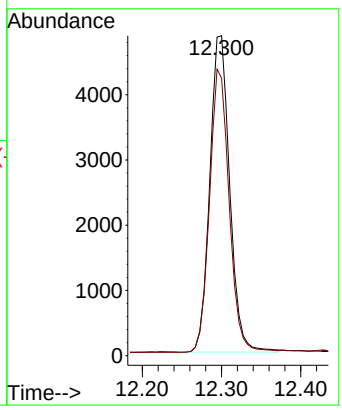


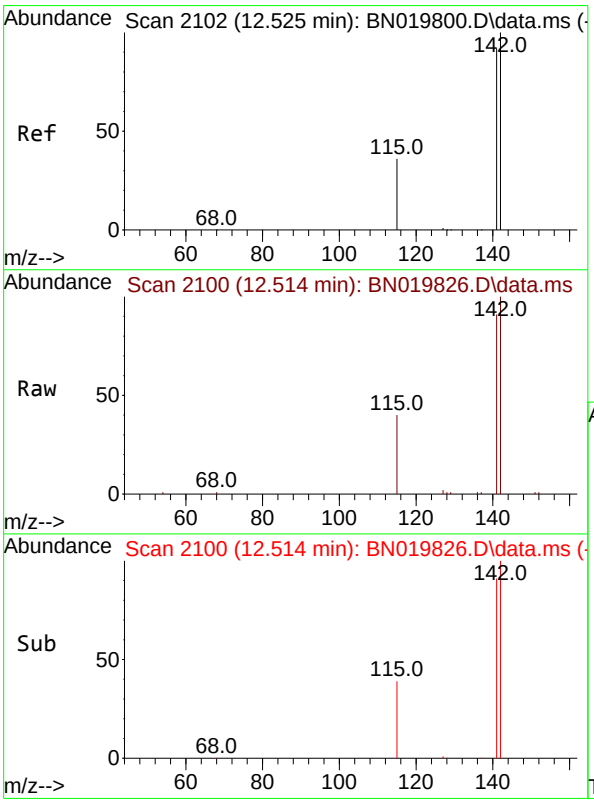
#7
2-Methylnaphthalene
Concen: 0.327 ng/ul
RT: 12.300 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN019826.D
Acq: 18 May 2022 12:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 8475

Ion	Ratio	Lower	Upper
142	100		
141	88.0	0.0	0.0#

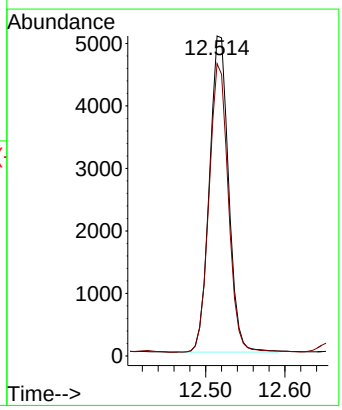


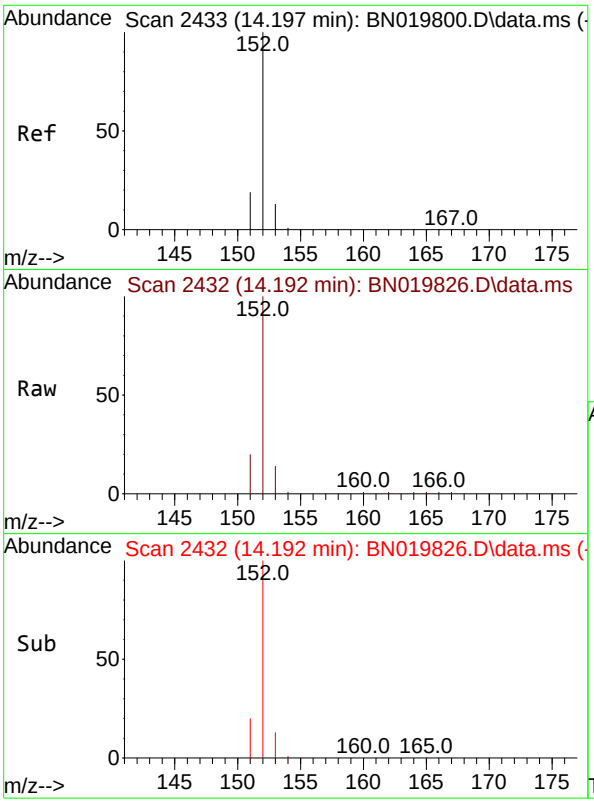


#8
1-Methylnaphthalene
Concen: 0.354 ng/ul
RT: 12.514 min Scan# 2100
Delta R.T. -0.011 min
Lab File: BN019826.D
Acq: 18 May 2022 12:08

Tgt Ion:142 Resp: 8492

Ion	Ratio	Lower	Upper
142	100		
141	91.3	0.0	0.0#



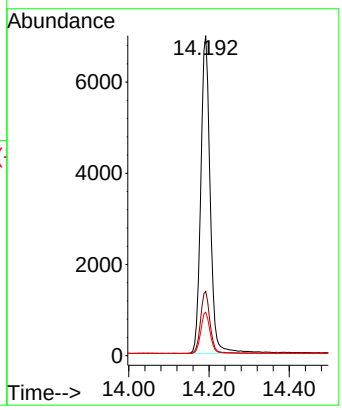


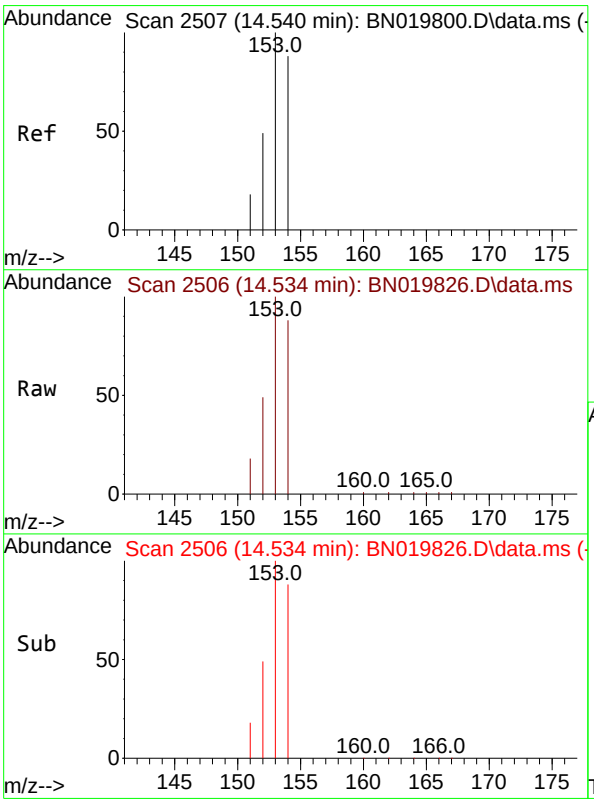
#10
Acenaphthylene
Concen: 0.293 ng/ul
RT: 14.192 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN019826.D
Acq: 18 May 2022 12:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 11454

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.6	11.1	16.7

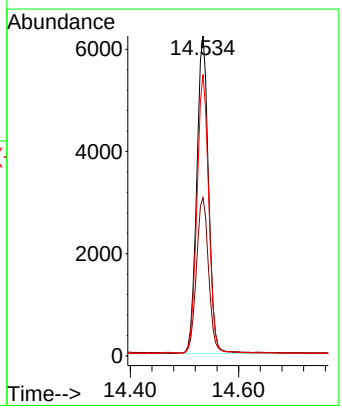


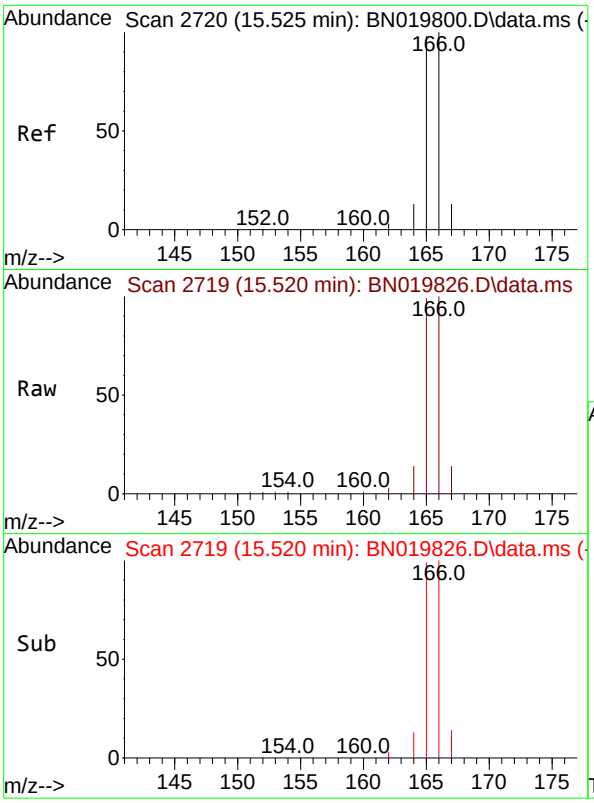


#11
Acenaphthene
Concen: 0.298 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. -0.005 min
Lab File: BN019826.D
Acq: 18 May 2022 12:08

Tgt Ion:153 Resp: 9386

Ion	Ratio	Lower	Upper
153	100		
152	49.4	38.6	57.8
154	87.9	71.2	106.8



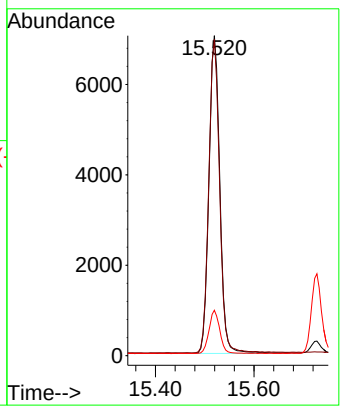


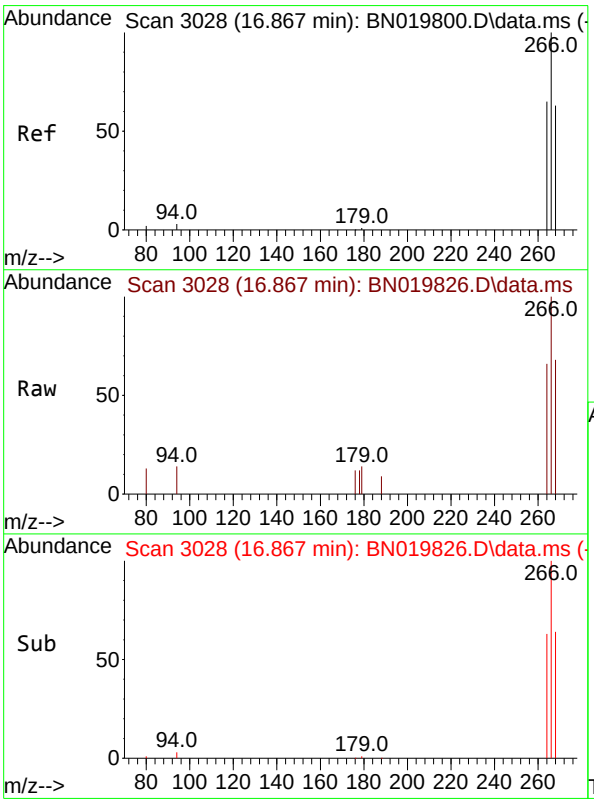
#12
Fluorene
Concen: 0.312 ng/ul
RT: 15.520 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN019826.D
Acq: 18 May 2022 12:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 10775

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.2	117.2
167	14.2	11.3	16.9

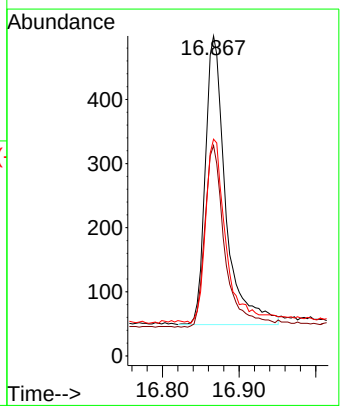


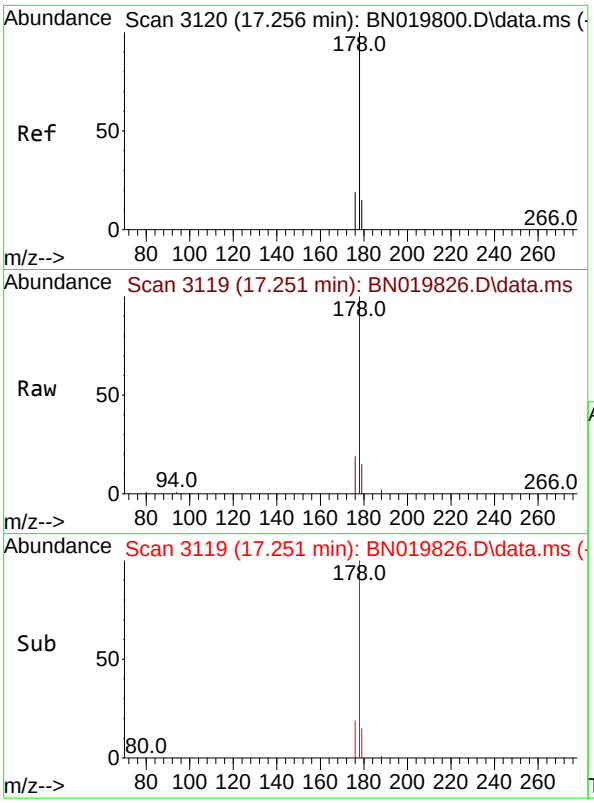


#14
Pentachlorophenol
Concen: 0.216 ng/ul
RT: 16.867 min Scan# 3028
Delta R.T. -0.000 min
Lab File: BN019826.D
Acq: 18 May 2022 12:08

Tgt Ion:266 Resp: 829

Ion	Ratio	Lower	Upper
266	100		
264	62.0	44.9	67.3
268	64.8	44.6	67.0



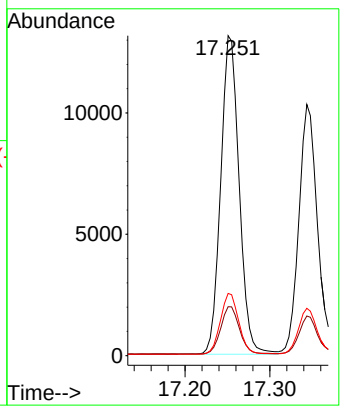


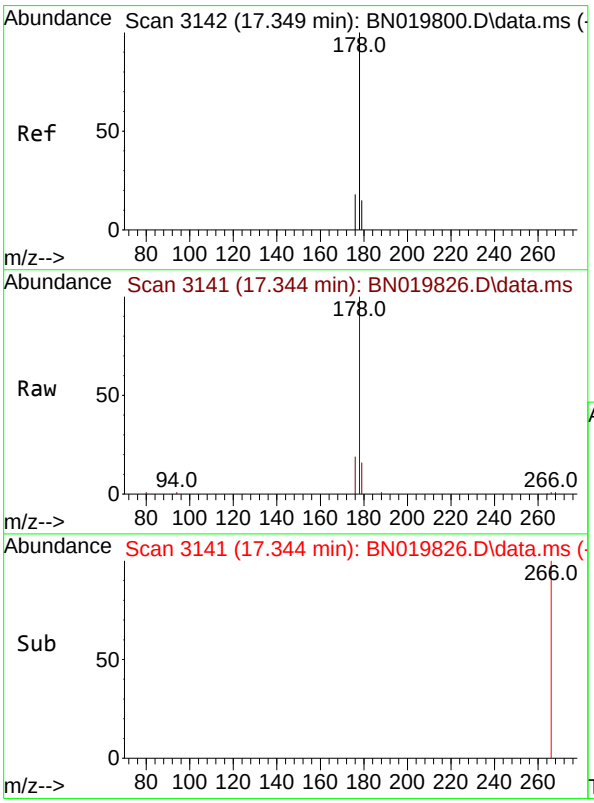
#15
Phenanthrene
Concen: 0.302 ng/ul
RT: 17.251 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN019826.D
Acq: 18 May 2022 12:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 19811

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.9	19.3
176	19.5	15.5	23.3

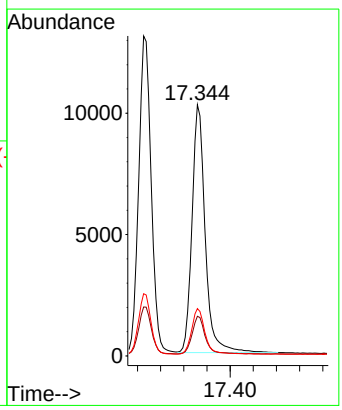


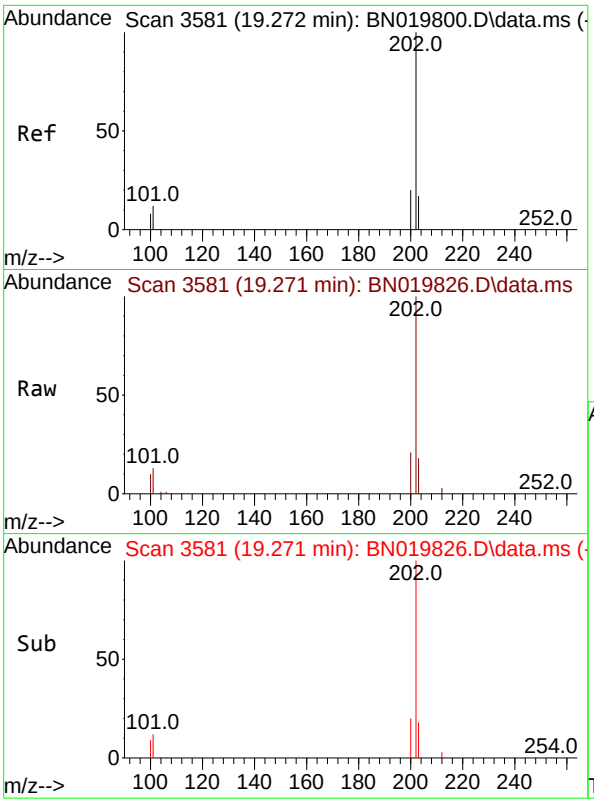


#16
Anthracene
Concen: 0.301 ng/ul
RT: 17.344 min Scan# 3141
Delta R.T. -0.004 min
Lab File: BN019826.D
Acq: 18 May 2022 12:08

Tgt Ion:178 Resp: 16096

Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.1	19.7
176	18.8	15.3	22.9



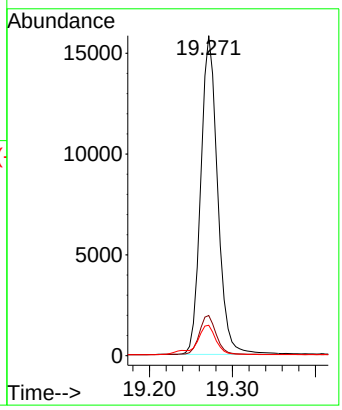


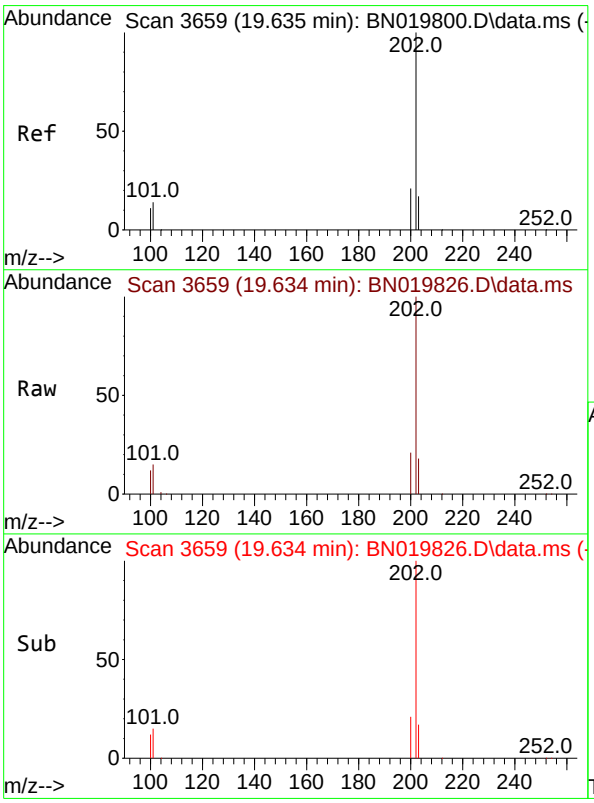
#19
Fluoranthene
Concen: 0.308 ng/ul
RT: 19.271 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN019826.D
Acq: 18 May 2022 12:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 22370

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.7	14.5
100	9.5	7.4	11.2

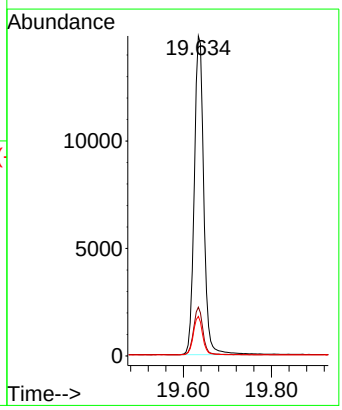


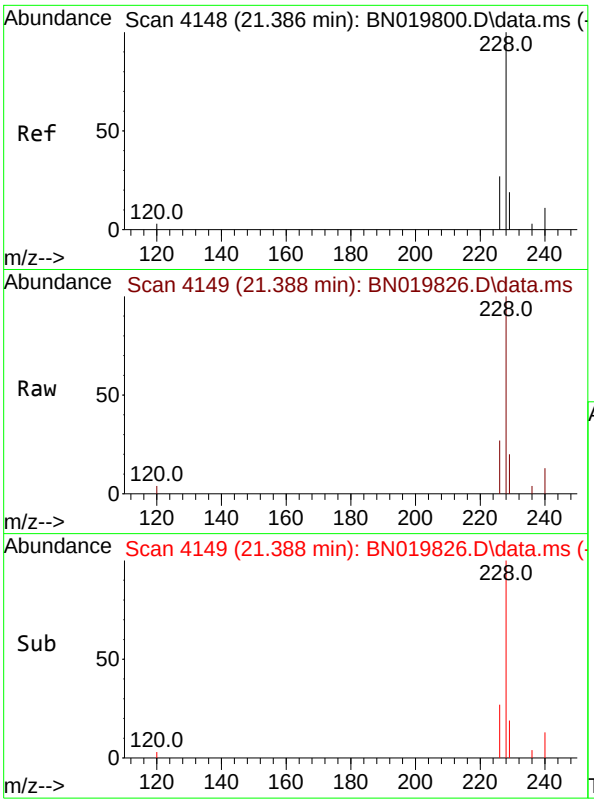


#20
Pyrene
Concen: 0.308 ng/ul
RT: 19.634 min Scan# 3659
Delta R.T. -0.000 min
Lab File: BN019826.D
Acq: 18 May 2022 12:08

Tgt Ion:202 Resp: 22269

Ion	Ratio	Lower	Upper
202	100		
101	15.2	11.4	17.0
100	12.3	9.0	13.4



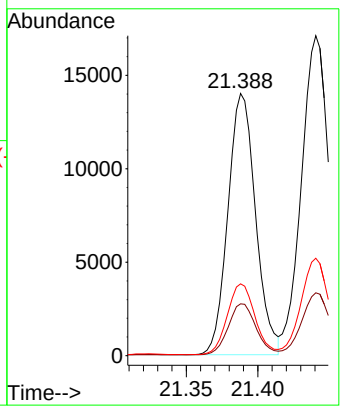


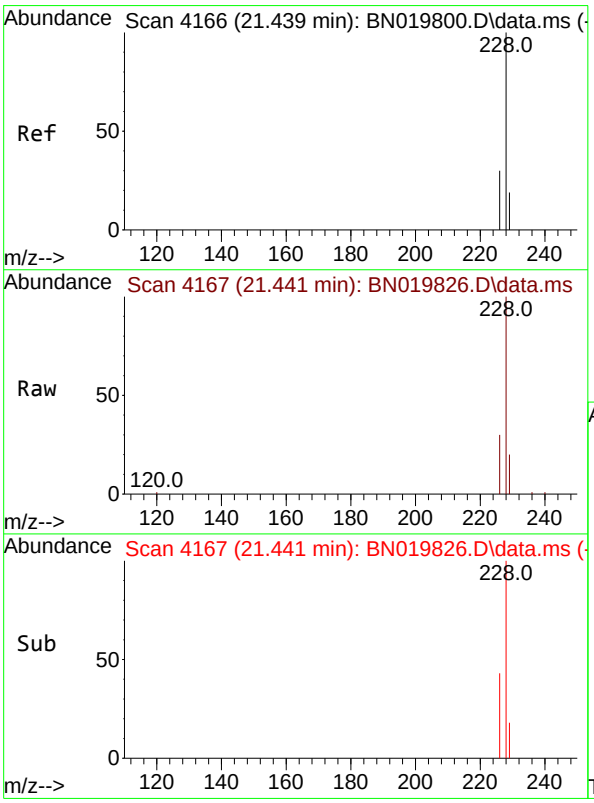
#21
Benzo(a)anthracene
Concen: 0.318 ng/ul
RT: 21.388 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN019826.D
Acq: 18 May 2022 12:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 18860

Ion	Ratio	Lower	Upper
228	100		
229	19.7	16.1	24.1
226	27.4	22.1	33.1

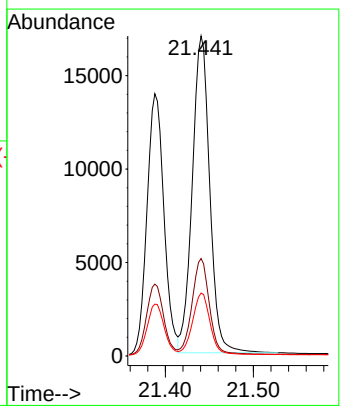


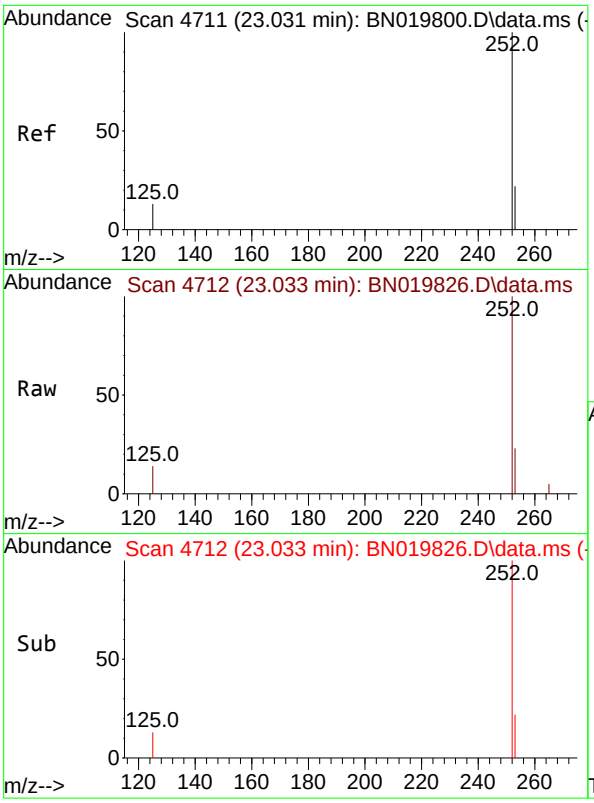


#22
Chrysene
Concen: 0.336 ng/ul
RT: 21.441 min Scan# 4167
Delta R.T. -0.000 min
Lab File: BN019826.D
Acq: 18 May 2022 12:08

Tgt Ion:228 Resp: 23460

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.2
229	19.6	16.0	24.0



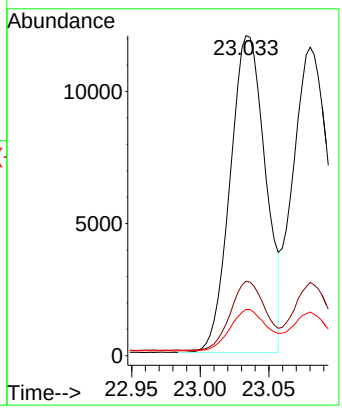


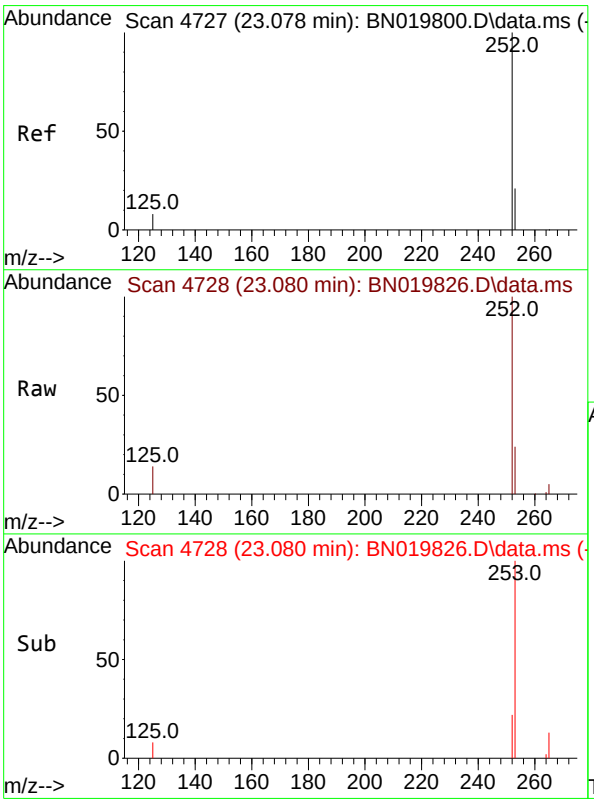
#24
Benzo(b)fluoranthene
Concen: 0.326 ng/ul
RT: 23.033 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN019826.D
Acq: 18 May 2022 12:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 21475

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	52.0
125	14.5	0.0	40.2

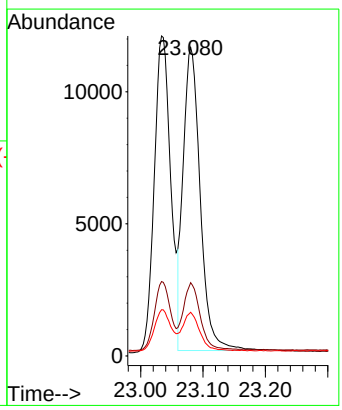


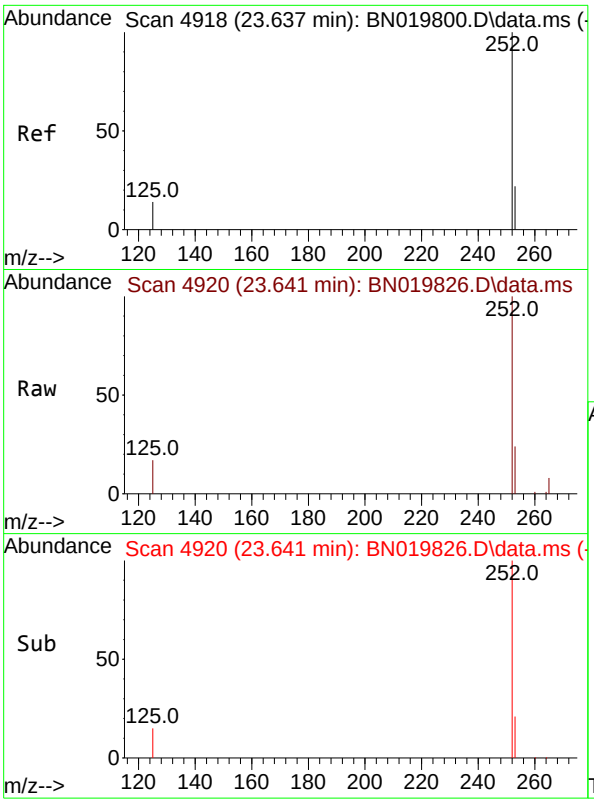


#25
Benzo(k)fluoranthene
Concen: 0.345 ng/ul
RT: 23.080 min Scan# 4728
Delta R.T. -0.000 min
Lab File: BN019826.D
Acq: 18 May 2022 12:08

Tgt Ion:252 Resp: 21844

Ion	Ratio	Lower	Upper
252	100		
253	23.8	20.2	30.2
125	14.1	11.0	16.6



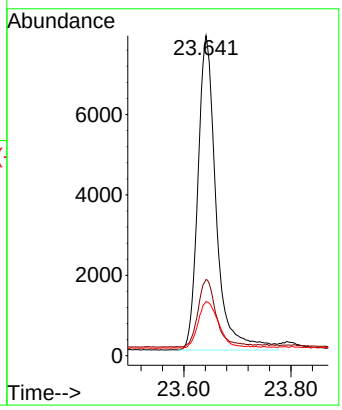


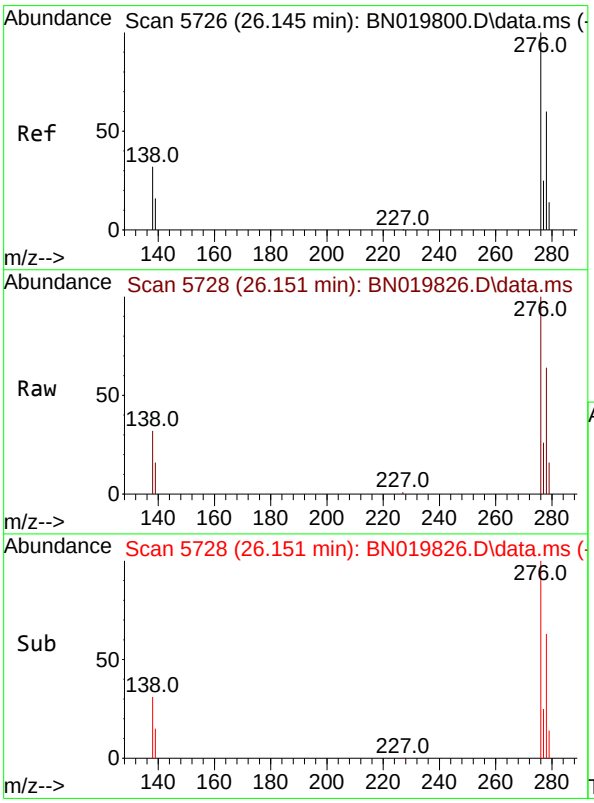
#26
Benzo(a)pyrene
Concen: 0.330 ng/ul
RT: 23.641 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN019826.D
Acq: 18 May 2022 12:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 18508

Ion	Ratio	Lower	Upper
252	100		
253	23.8	23.4	35.0
125	16.9	28.3	42.5#

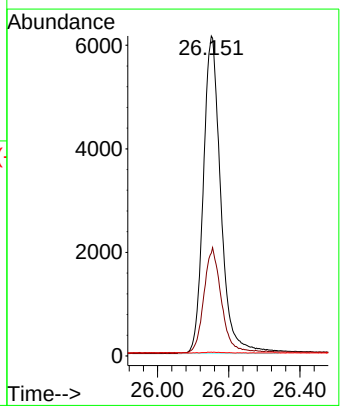


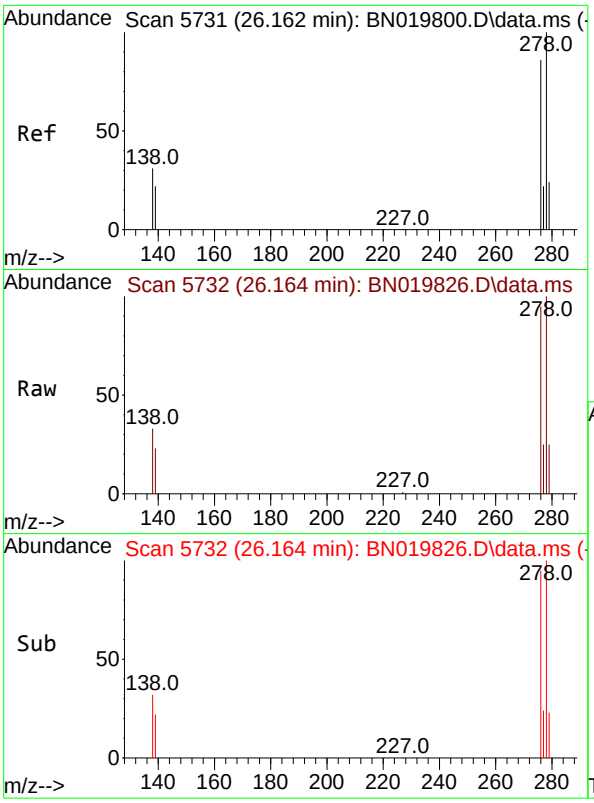


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.299 ng/ul
RT: 26.151 min Scan# 5728
Delta R.T. 0.003 min
Lab File: BN019826.D
Acq: 18 May 2022 12:08

Tgt Ion:276 Resp: 20925

Ion	Ratio	Lower	Upper
276	100		
138	33.2	23.6	35.4
227	0.2	0.0	0.0#



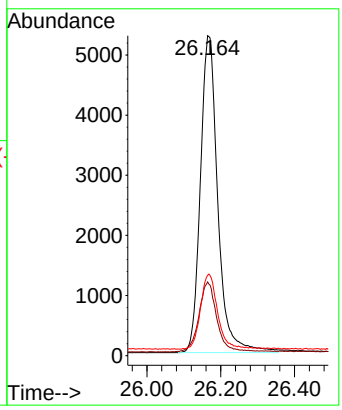


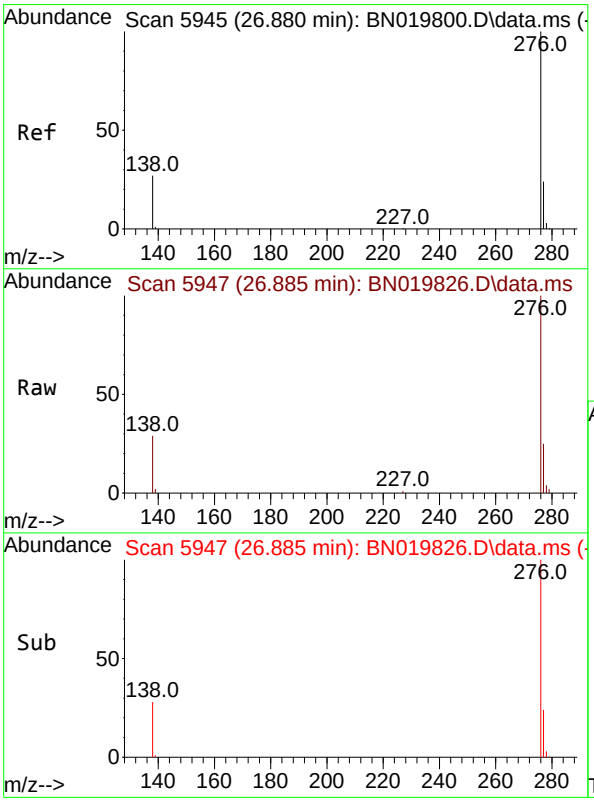
#28
Dibenzo(a,h)anthracene
Concen: 0.296 ng/ul
RT: 26.164 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN019826.D
Acq: 18 May 2022 12:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 17287

Ion	Ratio	Lower	Upper
278	100		
139	23.0	18.6	28.0
279	25.1	35.1	52.7#





#29
Benzo(g,h,i)perylene
Concen: 0.275 ng/ul
RT: 26.885 min Scan# 5947
Delta R.T. 0.007 min
Lab File: BN019826.D
Acq: 18 May 2022 12:08

Tgt Ion:276 Resp: 17587

Ion	Ratio	Lower	Upper
276	100		
138	29.2	20.9	31.3
277	24.7	20.4	30.6