Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041321\
Data File : BN014267.D
Acq On : 13 Apr 2021 10:11
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD0.4003

Quant Time: Apr 14 01:26:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN041221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 12 17:52:31 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	5790	0.40	ng/ul	0.00
4) Naphthalene-d8	10.48	136	19173	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.34	164	9293	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.08	188	18700	0.40	ng/ul	0.00
17) Chrysene-d12	21.28	240	15978	0.40	ng/ul	0.00
23) Perylene-d12	23.52	264	13795	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	2569	0.41	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.08	152	11083	0.37	ng/ul	0.00
18) Fluoranthene-d10	19.12	212	19379	0.39	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	2564	0.399	ng/ul#	88
5) Naphthalene	10.53	128	22014	0.388	ng/ul	100
7) 2-Methylnaphthalene	12.15	142	14213	0.393	ng/ul	99
8) 1-Methylnaphthalene	12.37	142	13718	0.394	ng/ul	100
10) Acenaphthylene	14.06	152	15819	0.364	ng/ul	99
11) Acenaphthene	14.40	153	13663	0.403	ng/ul	99
12) Fluorene	15.39	166	14730	0.389	ng/ul	99
14) Pentachlorophenol	16.73	266	1759	0.291	ng/ul	100
15) Phenanthrene	17.13	178	24009	0.398	ng/ul	99
16) Anthracene	17.22	178	19461	0.368	ng/ul	99
19) Fluoranthene	19.15	202	25238	0.394	ng/ul	99
20) Pyrene	19.51	202	25532	0.391	ng/ul	98
21) Benzo(a)anthracene	21.27	228	21630	0.366	ng/ul	100
22) Chrysene	21.32	228	24543	0.400	ng/ul	99
24) Benzo(b)fluoranthene	22.85	252	24379	0.392	ng/ul	99
25) Benzo(k)fluoranthene	22.89	252	25454	0.403	ng/ul	100
26) Benzo(a)pyrene	23.42	252	19963	0.388	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.76	276	29760	0.419	ng/ul	98
28) Dibenzo(a,h)anthracene	25.78	278	23542	0.415	ng/ul	98
29) Benzo(g,h,i)perylene	26.45	276	24341	0.407	ng/ul	99

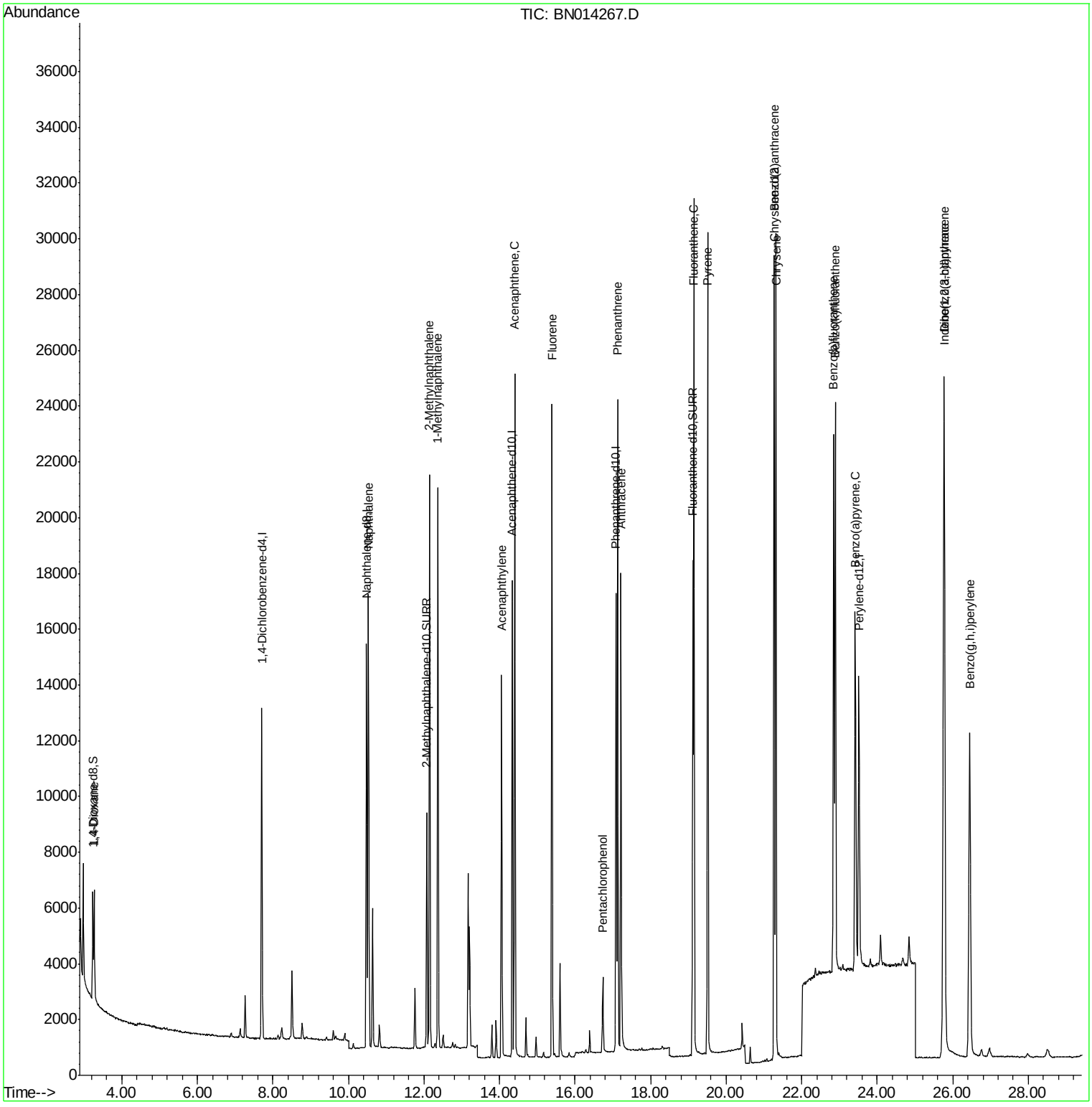
(#) = qualifier out of range (m) = manual integration (+) = signals summed

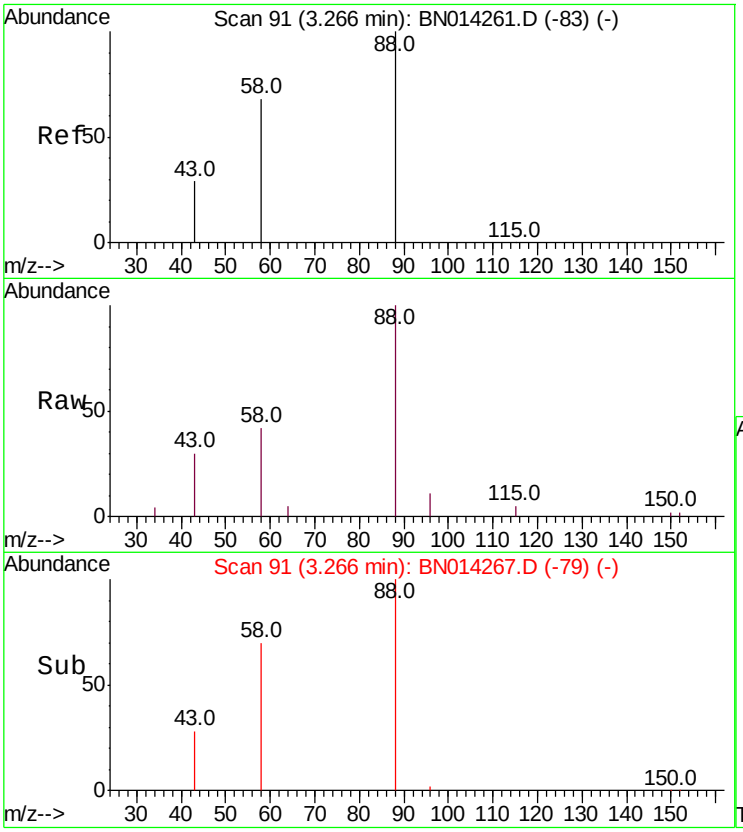
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041321\
Data File : BN014267.D
Acq On : 13 Apr 2021 10:11
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4003

Quant Time: Apr 14 01:26:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN041221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 12 17:52:31 2021
Response via : Initial Calibration



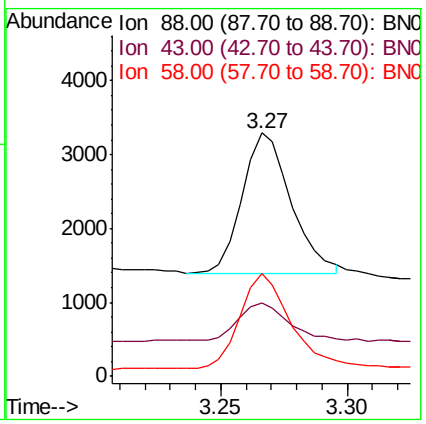


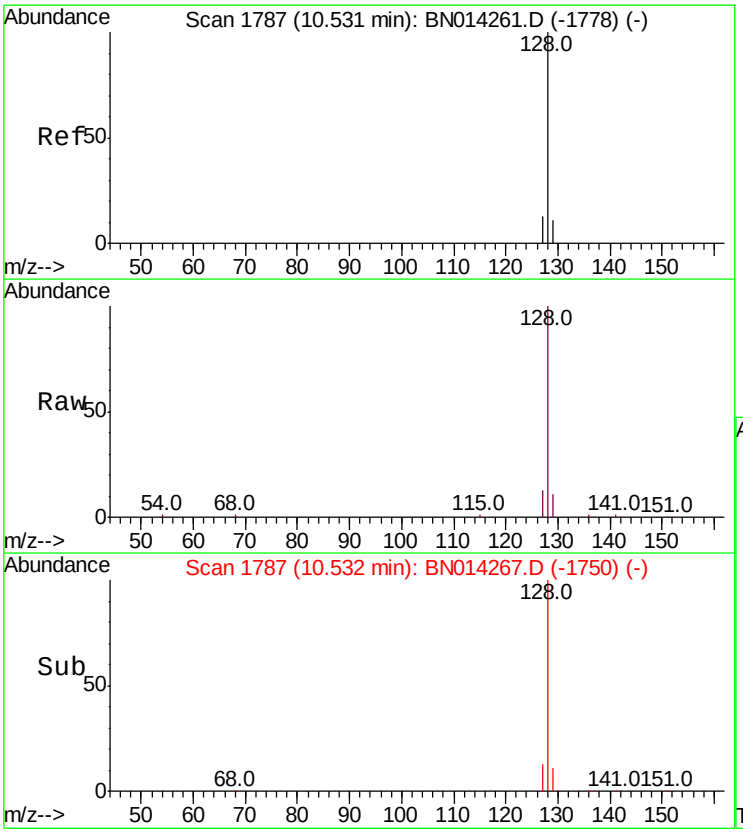
#2
1,4-Dioxane
Concen: 0.399 ng/ul
RT: 3.27 min Scan# 91
Delta R.T. 0.00 min
Lab File: BN014267.D
Acq: 13 Apr 2021 10:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.4003

Tgt Ion: 88 Resp: 2564

Ion	Ratio	Lower	Upper
88	100		
43	30.1	35.9	53.9#
58	42.4	33.6	50.4

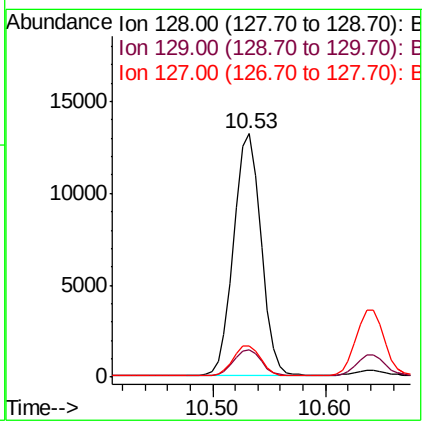


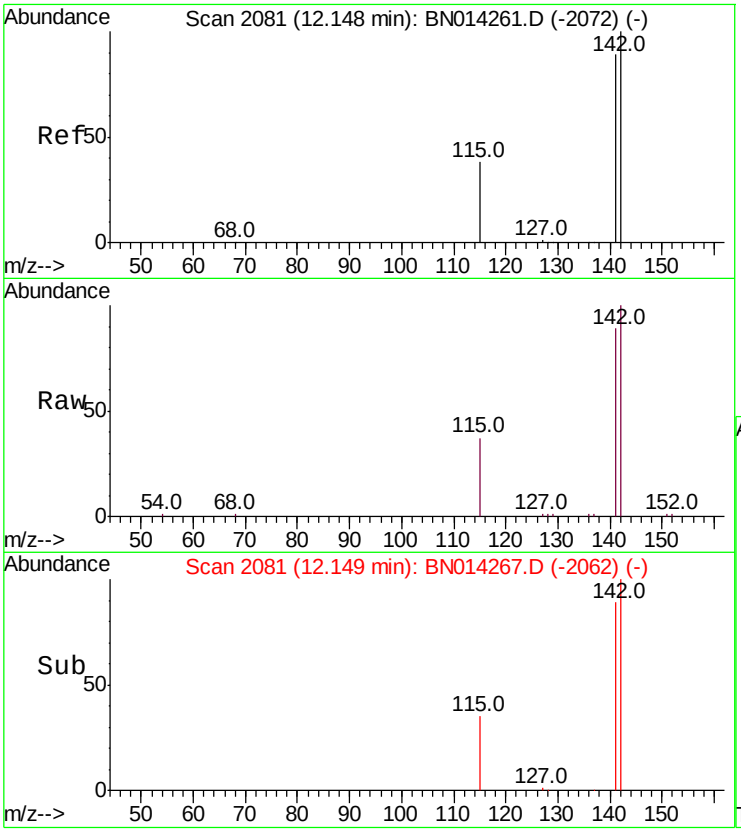


#5
Naphthalene
Concen: 0.388 ng/ul
RT: 10.53 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BN014267.D
Acq: 13 Apr 2021 10:11

Tgt Ion:128 Resp: 22014

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	13.0	10.6	15.8



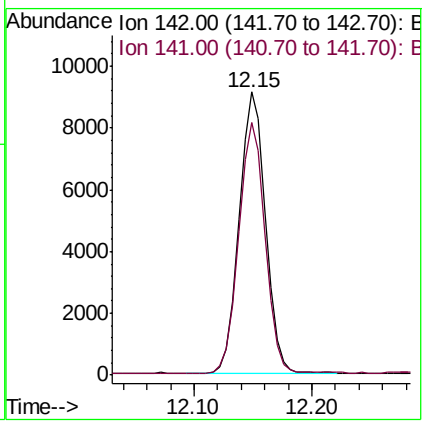


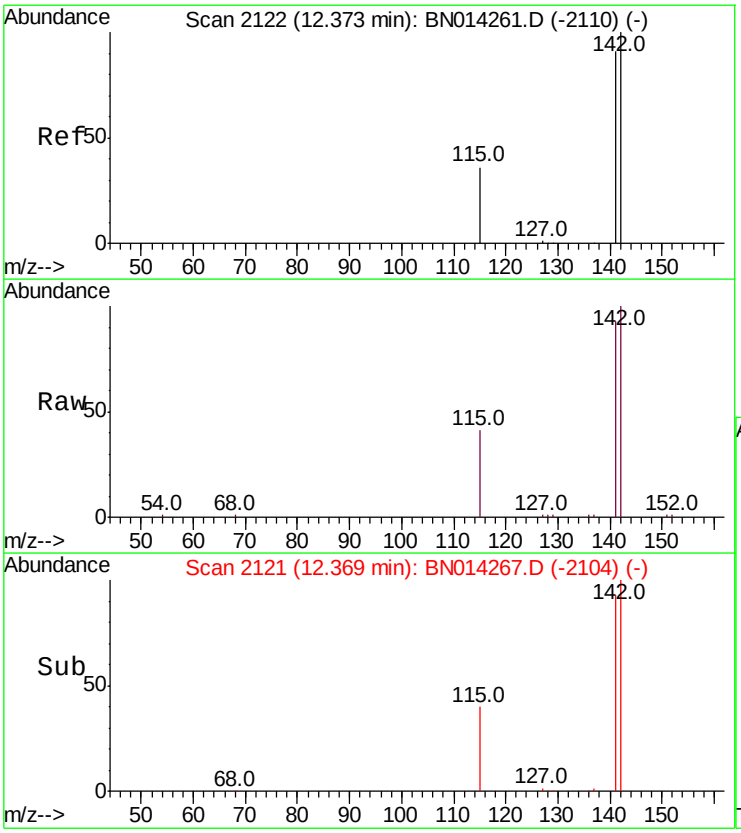
#7
2-Methylnaphthalene
Concen: 0.393 ng/ul
RT: 12.15 min Scan# 2081
Delta R.T. 0.00 min
Lab File: BN014267.D
Acq: 13 Apr 2021 10:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.4003

Tgt Ion:142 Resp: 14213

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.0	106.6

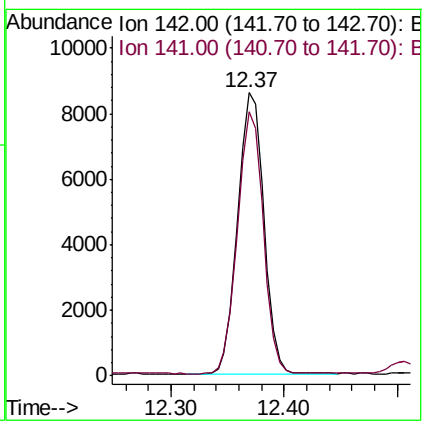


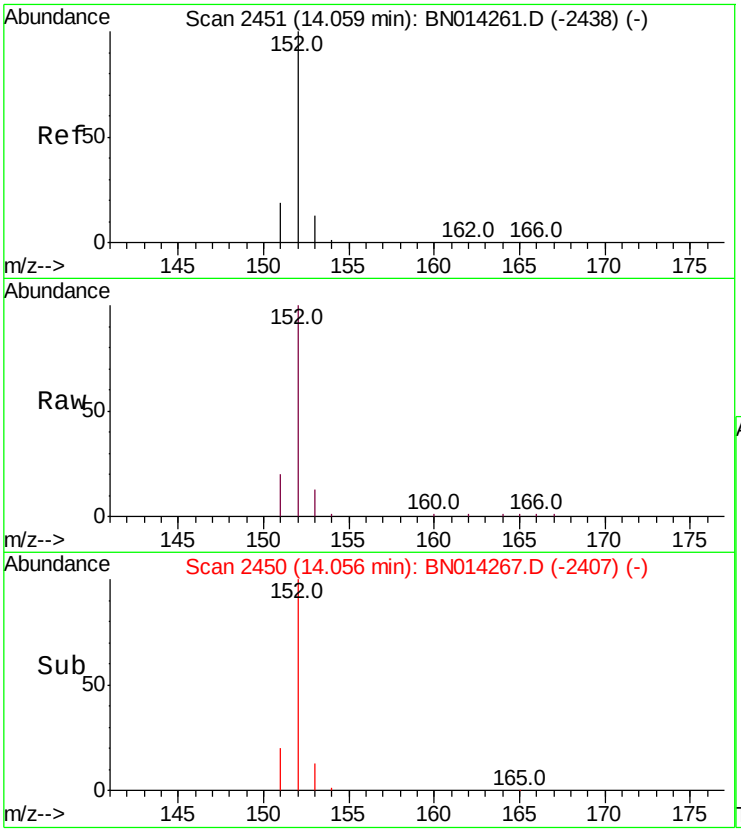


#8
1-Methylnaphthalene
Concen: 0.394 ng/ul
RT: 12.37 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BN014267.D
Acq: 13 Apr 2021 10:11

Tgt Ion:142 Resp: 13718

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.4	110.2



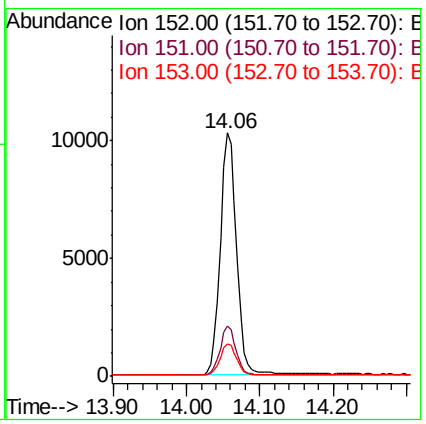


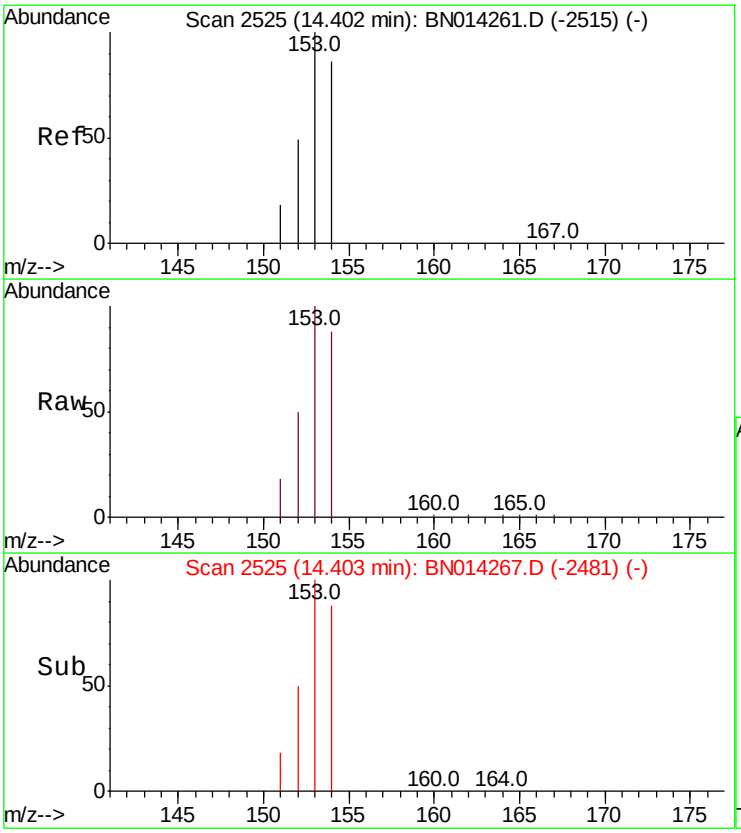
#10
Acenaphthylene
Concen: 0.364 ng/ul
RT: 14.06 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BN014267.D
Acq: 13 Apr 2021 10:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.4003

Tgt Ion:152 Resp: 15819

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.9	23.9
153	13.5	11.0	16.4

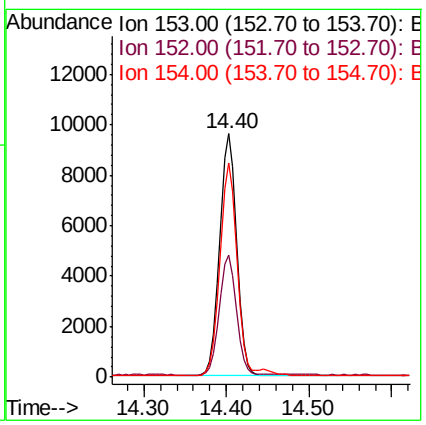


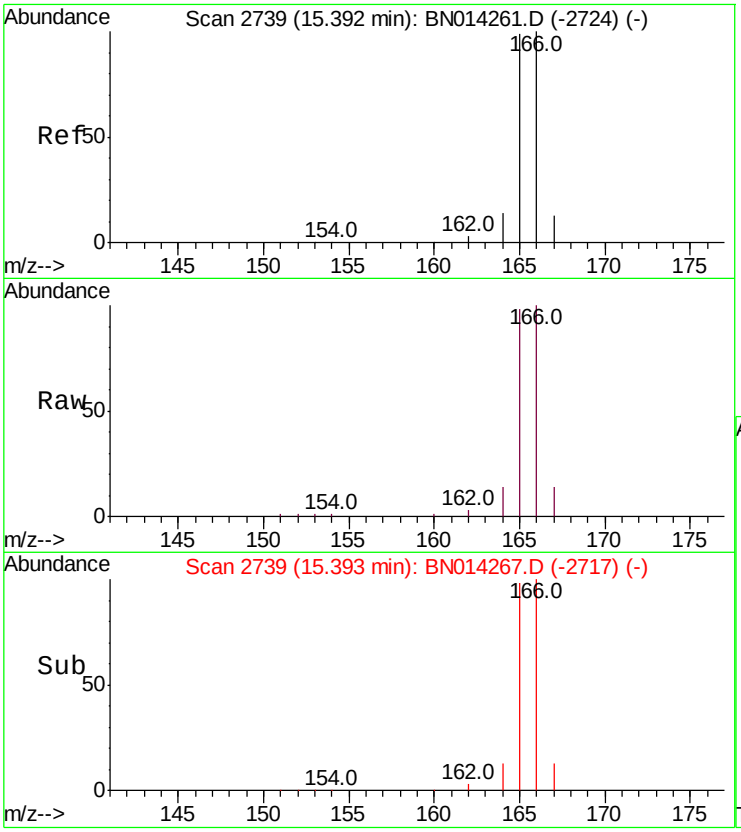


#11
Acenaphthene
Concen: 0.403 ng/ul
RT: 14.40 min Scan# 2525
Delta R.T. 0.00 min
Lab File: BN014267.D
Acq: 13 Apr 2021 10:11

Tgt Ion:153 Resp: 13663

Ion	Ratio	Lower	Upper
153	100		
152	50.3	40.1	60.1
154	87.8	69.1	103.7



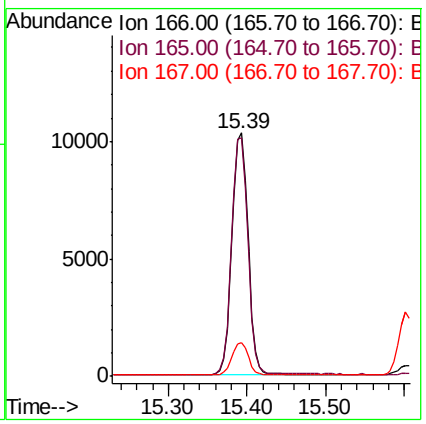


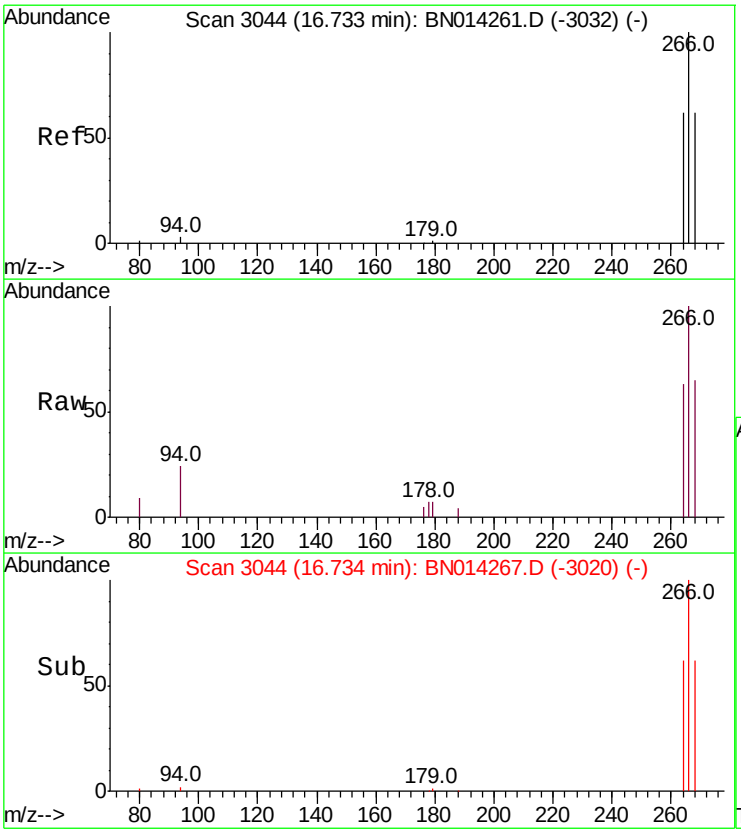
#12
Fluorene
Concen: 0.389 ng/ul
RT: 15.39 min Scan# 2739
Delta R.T. 0.00 min
Lab File: BN014267.D
Acq: 13 Apr 2021 10:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.4003

Tgt Ion:166 Resp: 14730

Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.3	118.9
167	13.9	11.4	17.0

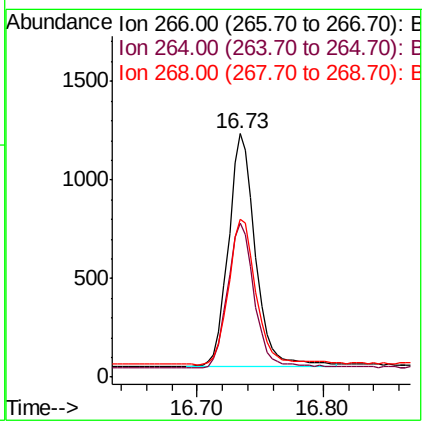


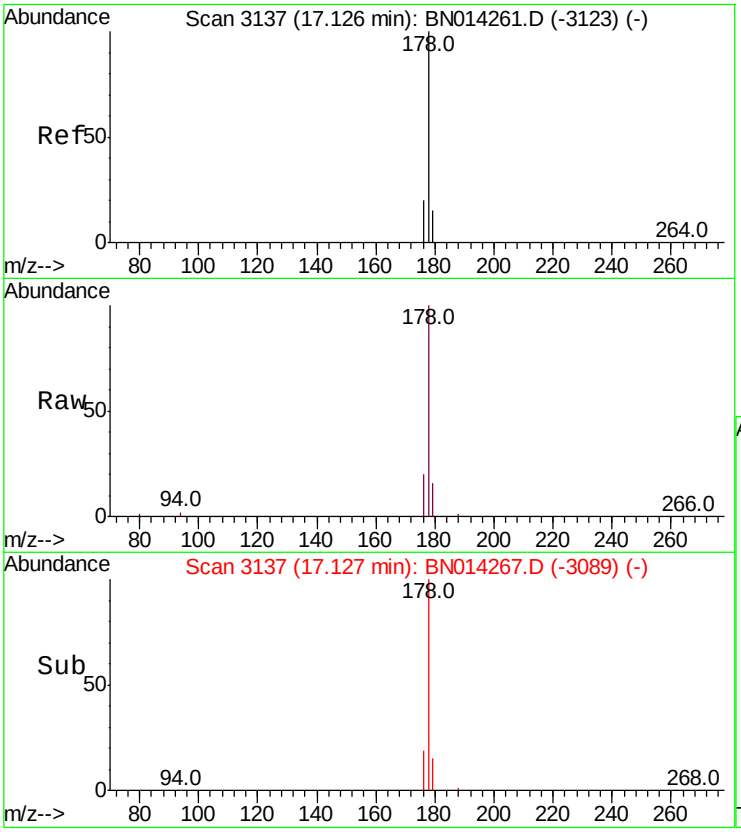


#14
Pentachlorophenol
Concen: 0.291 ng/ul
RT: 16.73 min Scan# 3044
Delta R.T. 0.00 min
Lab File: BN014267.D
Acq: 13 Apr 2021 10:11

Tgt Ion:266 Resp: 1759

Ion	Ratio	Lower	Upper
266	100		
264	62.8	49.7	74.5
268	64.4	51.5	77.3



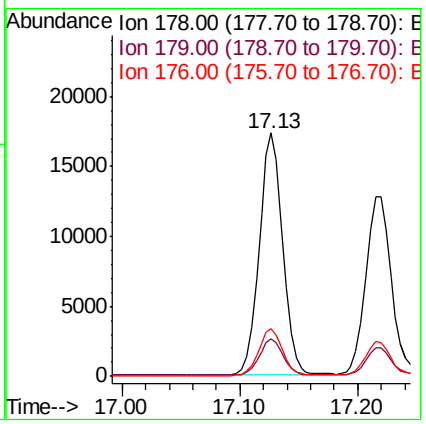


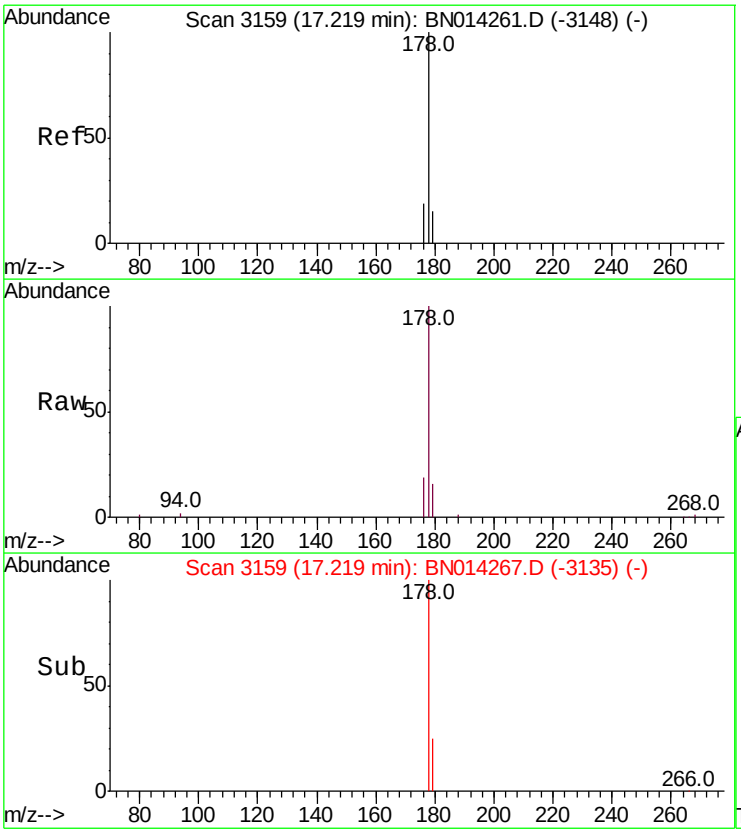
#15
Phenanthrene
Concen: 0.398 ng/ul
RT: 17.13 min Scan# 3137
Delta R.T. 0.00 min
Lab File: BN014267.D
Acq: 13 Apr 2021 10:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.4003

Tgt Ion:178 Resp: 24009

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.4	18.6
176	19.5	15.9	23.9

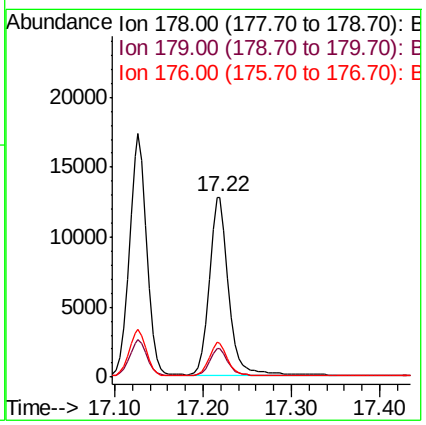


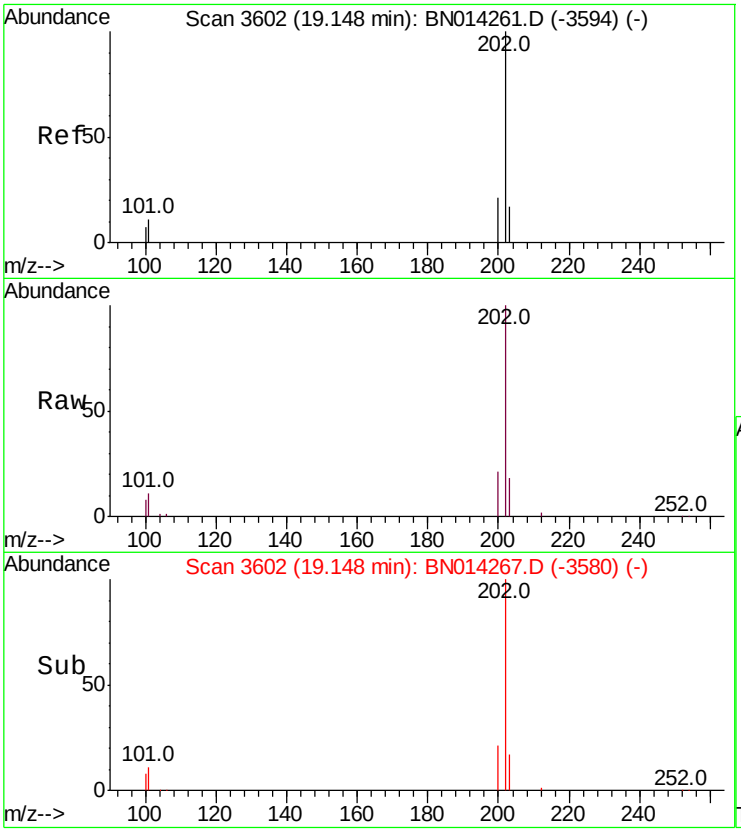


#16
Anthracene
Concen: 0.368 ng/ul
RT: 17.22 min Scan# 3159
Delta R.T. 0.00 min
Lab File: BN014267.D
Acq: 13 Apr 2021 10:11

Tgt Ion:178 Resp: 19461

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	19.0
176	18.7	15.2	22.8



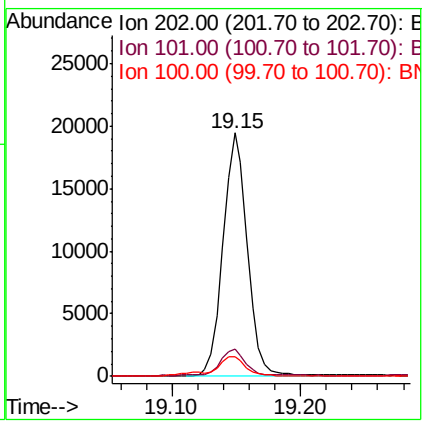


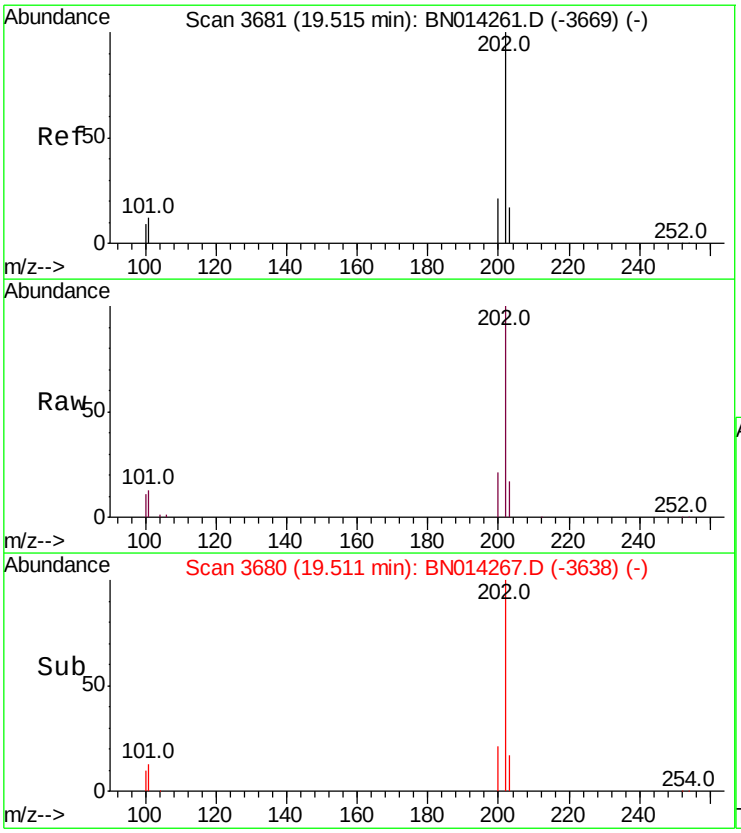
#19
Fluoranthene
Concen: 0.394 ng/ul
RT: 19.15 min Scan# 3602
Delta R.T. 0.00 min
Lab File: BN014267.D
Acq: 13 Apr 2021 10:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.4003

Tgt Ion:202 Resp: 25238

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.0	13.6
100	8.2	6.8	10.2

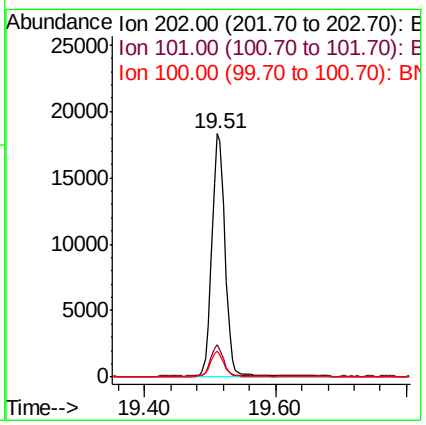


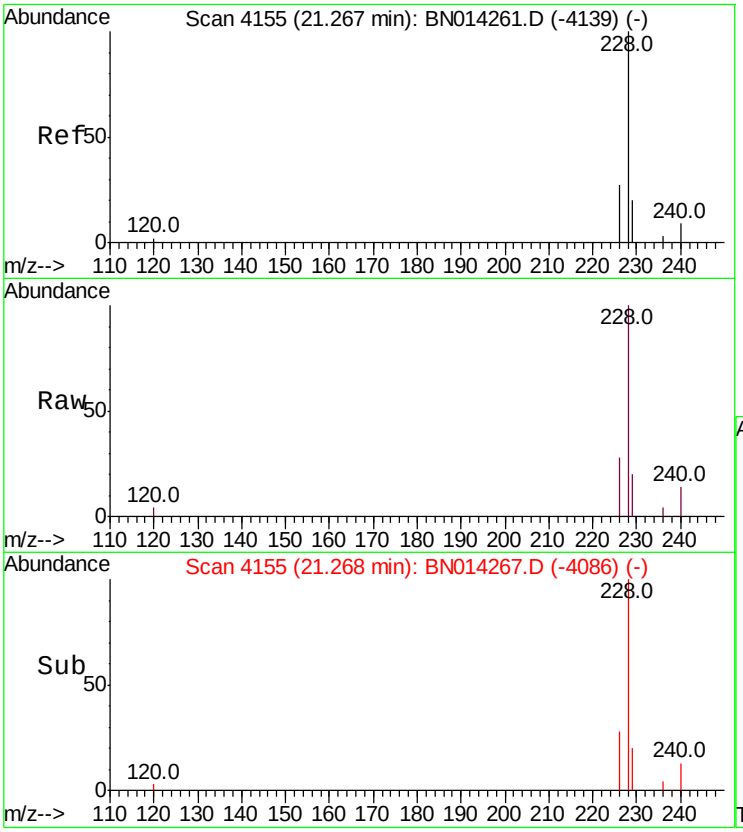


#20
Pyrene
Concen: 0.391 ng/ul
RT: 19.51 min Scan# 3680
Delta R.T. -0.00 min
Lab File: BN014267.D
Acq: 13 Apr 2021 10:11

Tgt Ion:202 Resp: 25532

Ion	Ratio	Lower	Upper
202	100		
101	13.2	9.9	14.9
100	10.7	7.8	11.8



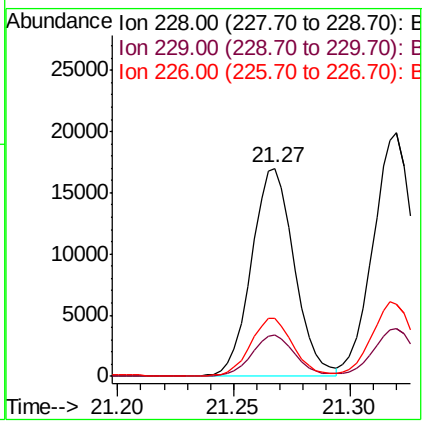


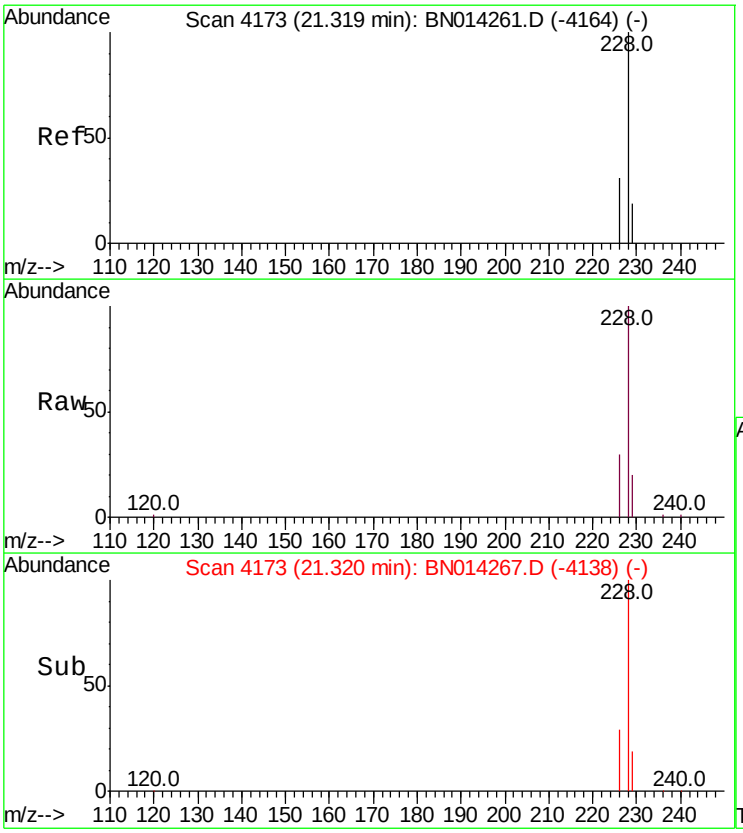
#21
Benzo(a)anthracene
Concen: 0.366 ng/ul
RT: 21.27 min Scan# 4155
Delta R.T. 0.00 min
Lab File: BN014267.D
Acq: 13 Apr 2021 10:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.4003

Tgt Ion:228 Resp: 21630

Ion	Ratio	Lower	Upper
228	100		
229	20.0	16.1	24.1
226	27.8	22.2	33.2

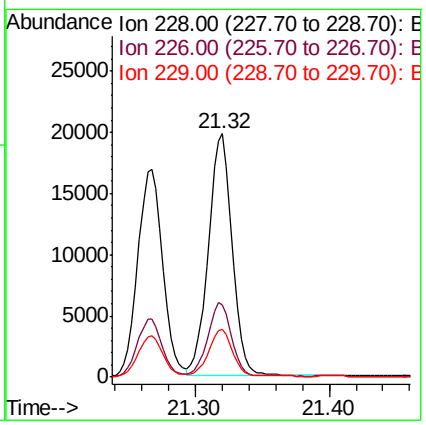


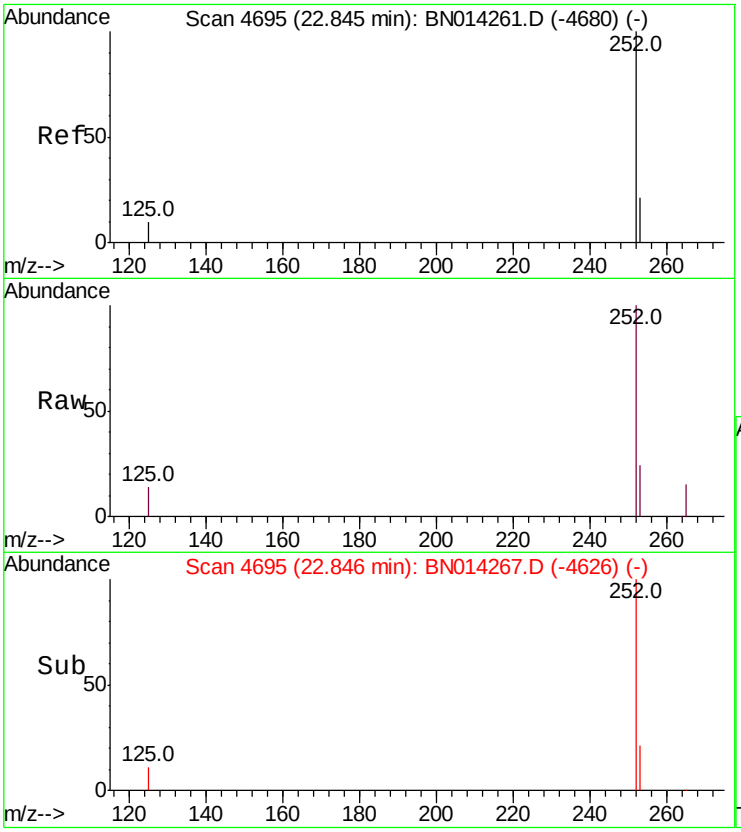


#22
Chrysene
Concen: 0.400 ng/ul
RT: 21.32 min Scan# 4173
Delta R.T. 0.00 min
Lab File: BN014267.D
Acq: 13 Apr 2021 10:11

Tgt Ion:228 Resp: 24543

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.7	37.1
229	19.6	15.8	23.6



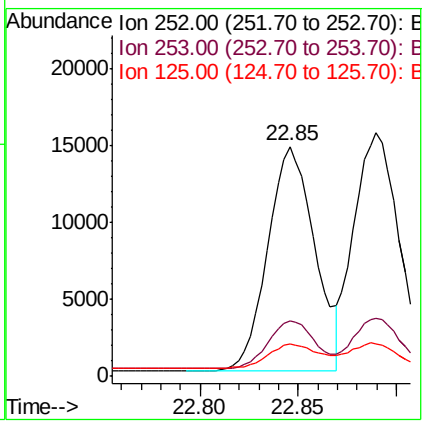


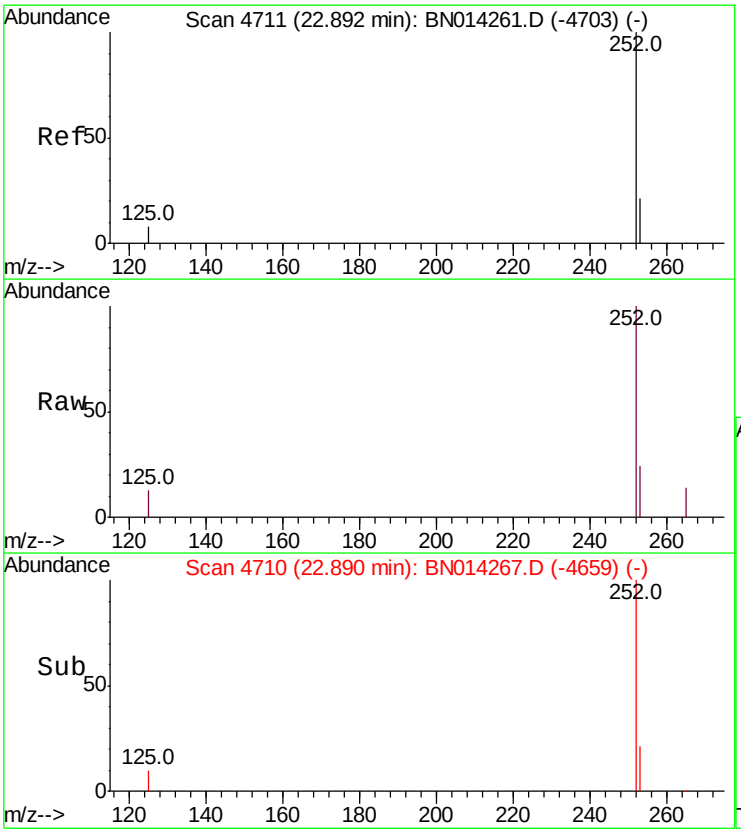
#24
Benzo(b)fluoranthene
Concen: 0.392 ng/ul
RT: 22.85 min Scan# 4695
Delta R.T. 0.00 min
Lab File: BN014267.D
Acq: 13 Apr 2021 10:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.4003

Tgt Ion:252 Resp: 24379

Ion	Ratio	Lower	Upper
252	100		
253	23.8	0.0	47.4
125	13.8	0.0	26.4

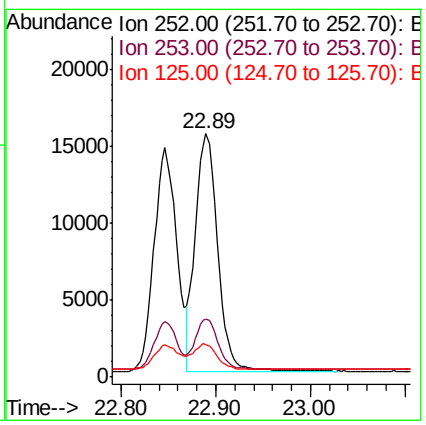


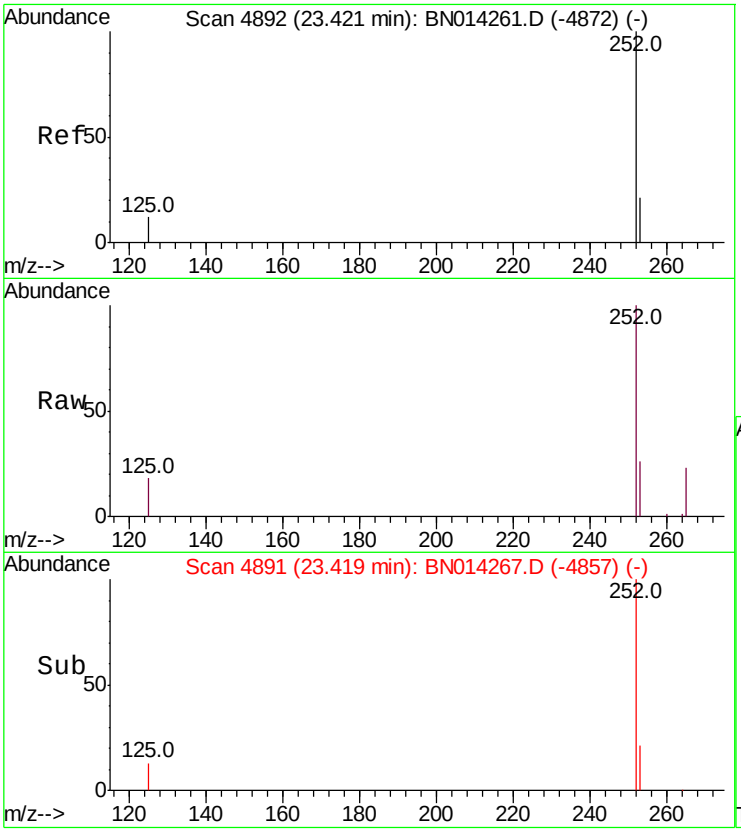


#25
Benzo(k)fluoranthene
Concen: 0.403 ng/ul
RT: 22.89 min Scan# 4710
Delta R.T. -0.00 min
Lab File: BN014267.D
Acq: 13 Apr 2021 10:11

Tgt Ion:252 Resp: 25454

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.2	28.8
125	13.4	10.5	15.7



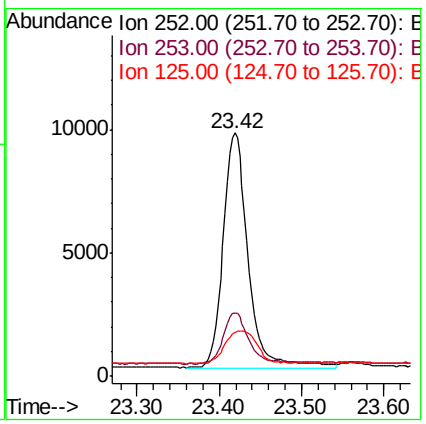


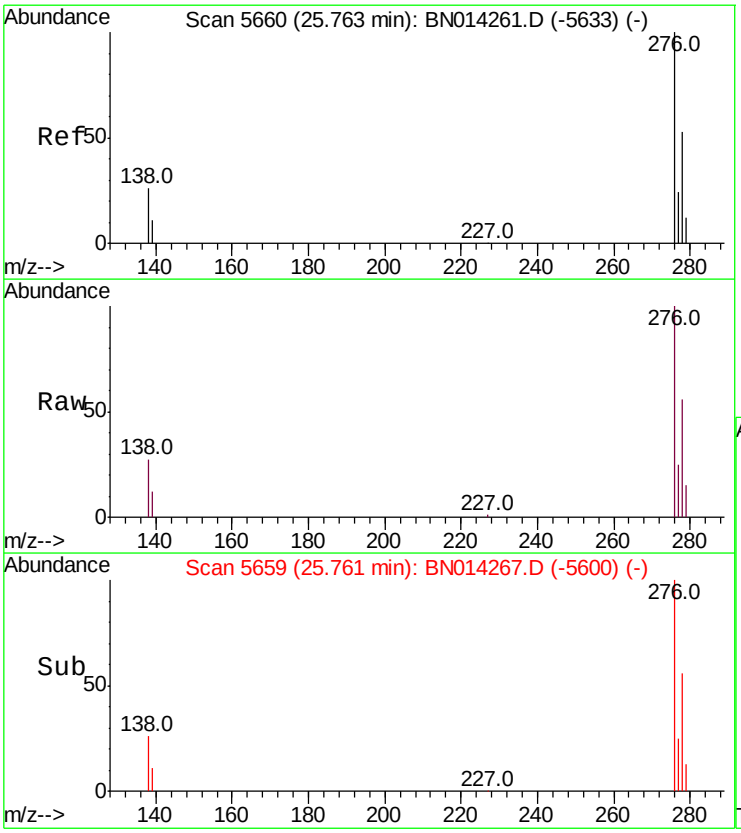
#26
Benzo(a)pyrene
Concen: 0.388 ng/ul
RT: 23.42 min Scan# 4891
Delta R.T. -0.00 min
Lab File: BN014267.D
Acq: 13 Apr 2021 10:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.4003

Tgt Ion:252 Resp: 19963

Ion	Ratio	Lower	Upper
252	100		
253	25.8	20.1	30.1
125	18.2	13.1	19.7

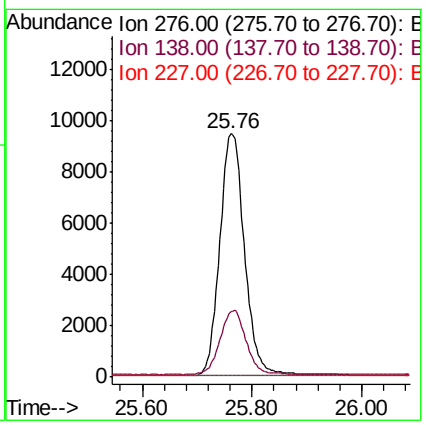


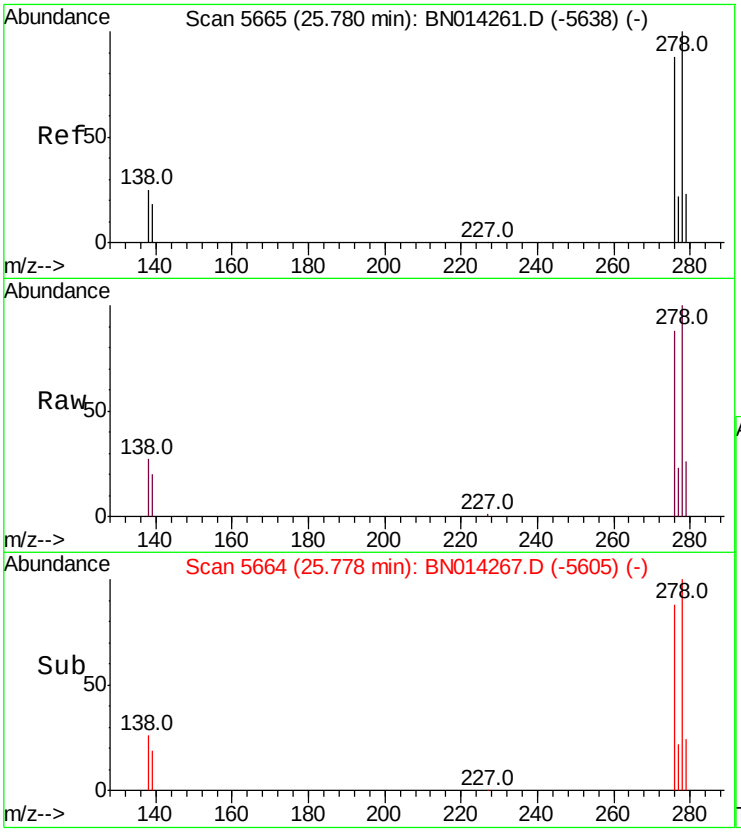


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.419 ng/ul
RT: 25.76 min Scan# 5659
Delta R.T. -0.00 min
Lab File: BN014267.D
Acq: 13 Apr 2021 10:11

Tgt Ion:276 Resp: 29760

Ion	Ratio	Lower	Upper
276	100		
138	28.4	21.9	32.9
227	0.2	0.2	0.4



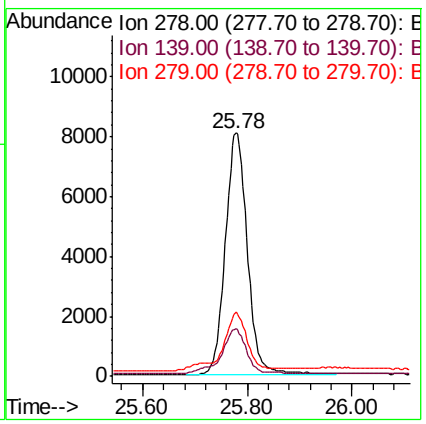


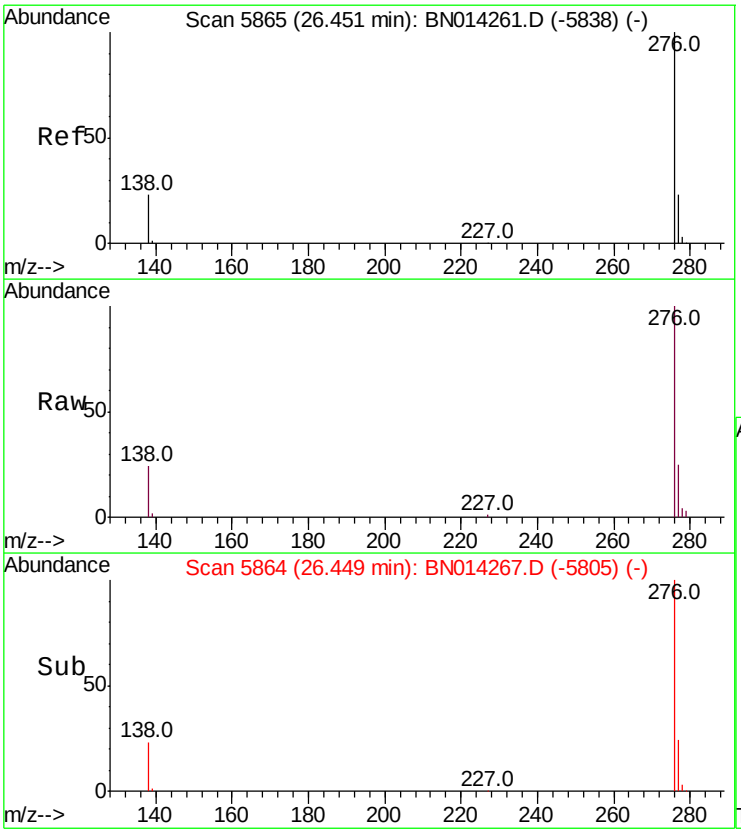
#28
Dibenzo(a,h)anthracene
Concen: 0.415 ng/ul
RT: 25.78 min Scan# 5664
Delta R.T. -0.00 min
Lab File: BN014267.D
Acq: 13 Apr 2021 10:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.4003

Tgt Ion:278 Resp: 23542

Ion	Ratio	Lower	Upper
278	100		
139	19.8	15.7	23.5
279	26.4	20.1	30.1





#29
Benzo(g,h,i)perylene
Concen: 0.407 ng/ul
RT: 26.45 min Scan# 5864
Delta R.T. -0.00 min
Lab File: BN014267.D
Acq: 13 Apr 2021 10:11

Tgt Ion:276 Resp: 24341

Ion	Ratio	Lower	Upper
276	100		
138	24.1	19.7	29.5
277	24.6	19.2	28.8