Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120520\
Data File : BN012886.D
Acq On : 05 Dec 2020 16:50
Operator : CG/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD0.4004

Quant Time: Dec 07 00:55:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN111020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 00:51:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	587	0.40	ng/ul	0.00
4) Naphthalene-d8	10.16	136	2232	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.06	164	1274	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.82	188	2737	0.40	ng/ul	0.00
19) Chrysene-d12	21.04	240	2208	0.40	ng/ul	0.00
23) Perylene-d12	23.14	264	2443	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.95	96	345	0.43	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.76	152	1377	0.44	ng/ul	0.00
17) Fluoranthene-d10	18.86	212	2932	0.43	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.98	88	389	0.484	ng/ul	88
5) Naphthalene	10.21	128	2670	0.425	ng/ul	100
7) 2-Methylnaphthalene	11.85	142	1765	0.435	ng/ul	96
8) 1-Methylnaphthalene	12.07	142	1724	0.443	ng/ul	99
10) Acenaphthylene	13.77	152	2570	0.457	ng/ul	99
11) Acenaphthene	14.13	153	2080	0.432	ng/ul	96
12) Fluorene	15.12	166	2384	0.442	ng/ul	99
14) Pentachlorophenol	16.48	266	313	0.418	ng/ul	96
15) Phenanthrene	16.86	178	3825	0.422	ng/ul	99
16) Anthracene	16.95	178	3299	0.443	ng/ul	100
18) Fluoranthene	18.89	202	4440	0.442	ng/ul	96
20) Pyrene	19.26	202	4516	0.433	ng/ul#	95
21) Benzo(a)anthracene	21.03	228	3600	0.447	ng/ul	99
22) Chrysene	21.08	228	4260	0.440	ng/ul	98
24) Benzo(b)fluoranthene	22.52	252	4645	0.445	ng/ul	96
25) Benzo(k)fluoranthene	22.57	252	5205	0.434	ng/ul	97
26) Benzo(a)pyrene	23.05	252	4532	0.462	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.21	276	5894	0.456	ng/ul	96
28) Dibenzo(a,h)anthracene	25.22	278	4676	0.450	ng/ul	96
29) Benzo(g,h,i)perylene	25.83	276	5154	0.432	ng/ul	97

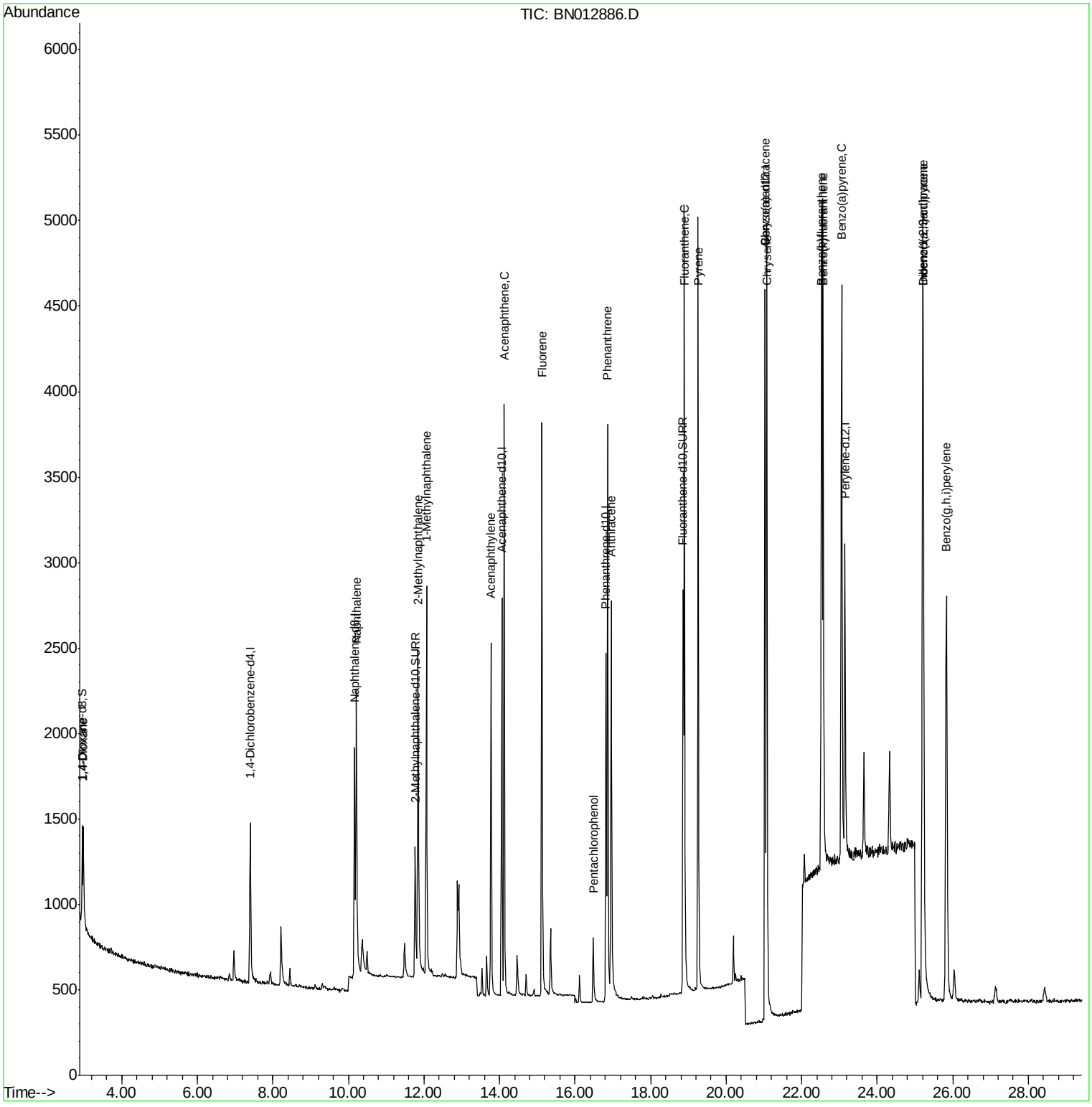
(#) = qualifier out of range (m) = manual integration (+) = signals summed

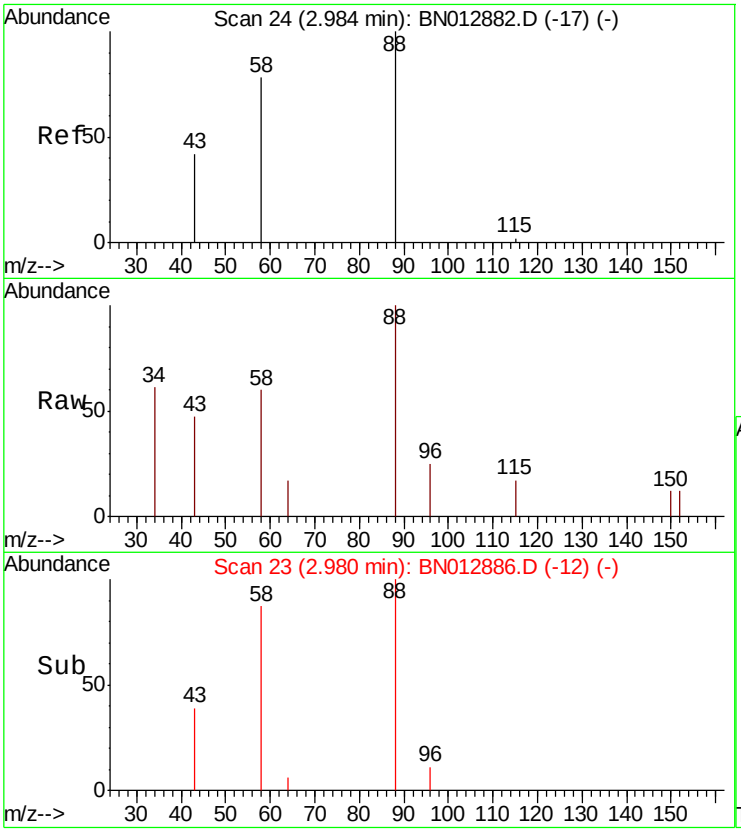
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120520\
Data File : BN012886.D
Acq On : 05 Dec 2020 16:50
Operator : CG/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4004

Quant Time: Dec 07 00:55:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN111020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 00:51:32 2020
Response via : Initial Calibration



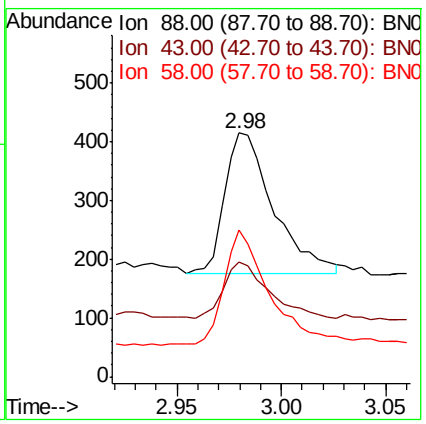


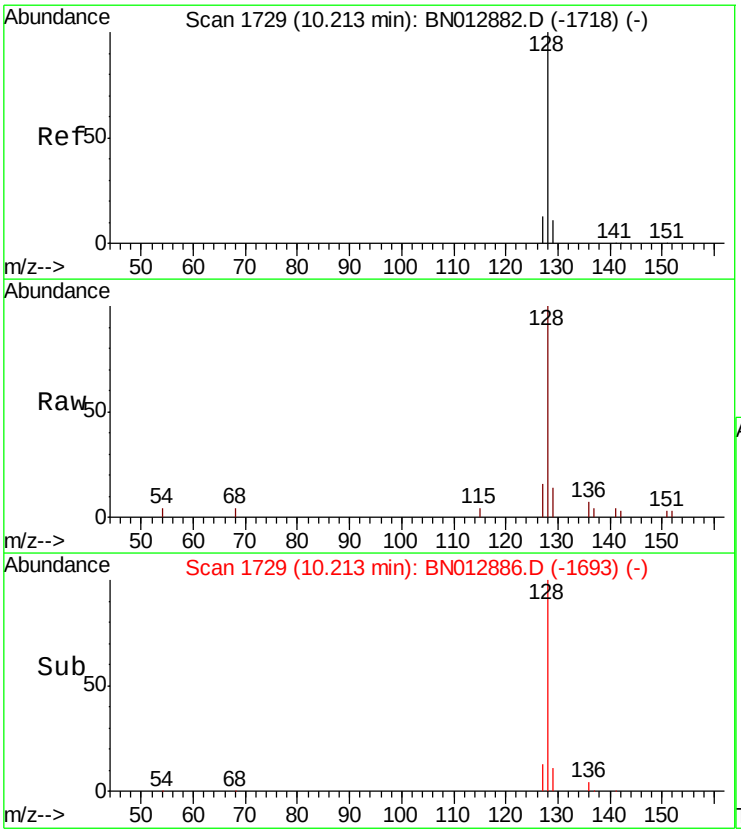
#2
1,4-Dioxane
Concen: 0.484 ng/ul
RT: 2.98 min Scan# 23
Delta R.T. -0.00 min
Lab File: BN012886.D
Acq: 05 Dec 2020 16:50

Instrument :
BNA_N
ClientSampleId :
SSTD0.4004

Tgt Ion: 88 Resp: 389

Ion	Ratio	Lower	Upper
88	100		
43	47.0	42.7	64.1
58	60.0	57.3	85.9

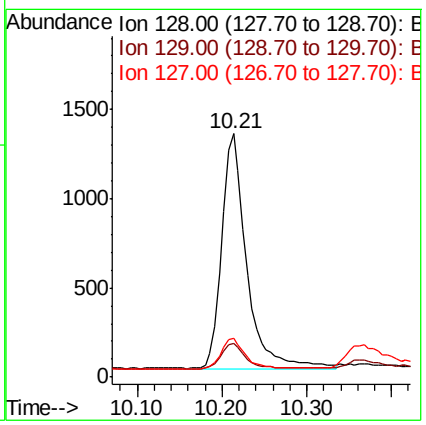


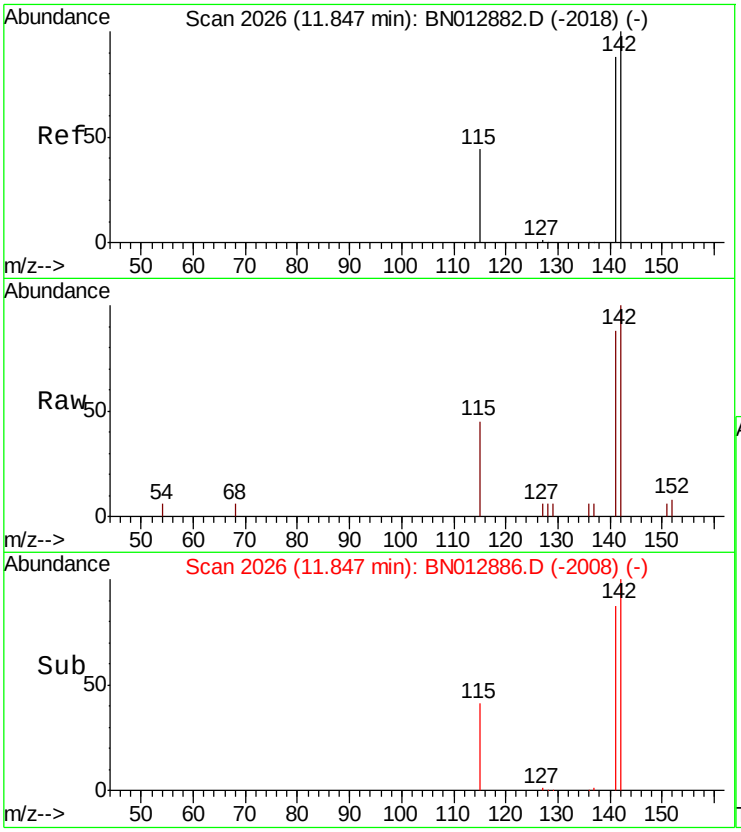


#5
Naphthalene
Concen: 0.425 ng/ul
RT: 10.21 min Scan# 1729
Delta R.T. 0.00 min
Lab File: BN012886.D
Acq: 05 Dec 2020 16:50

Tgt Ion:128 Resp: 2670

Ion	Ratio	Lower	Upper
128	100		
129	13.8	11.1	16.7
127	15.7	12.6	18.8



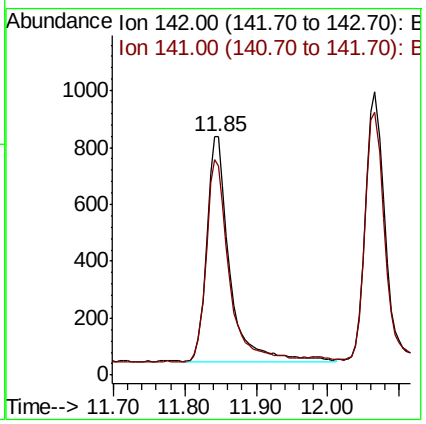


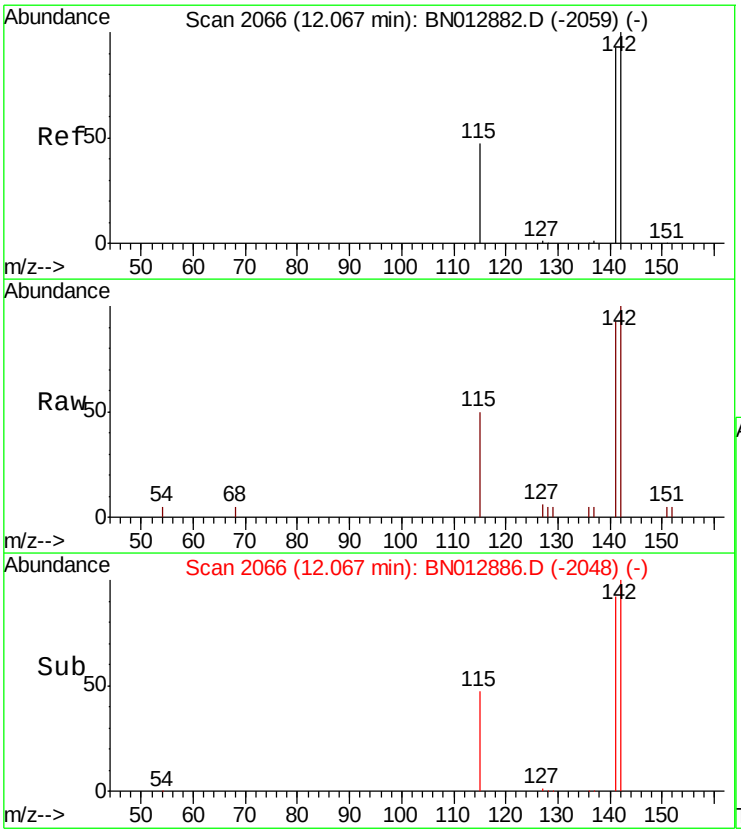
#7
2-Methylnaphthalene
Concen: 0.435 ng/ul
RT: 11.85 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BN012886.D
Acq: 05 Dec 2020 16:50

Instrument :
BNA_N
ClientSampleId :
SSTD0.4004

Tgt Ion:142 Resp: 1765

Ion	Ratio	Lower	Upper
142	100		
141	93.6	72.1	108.1

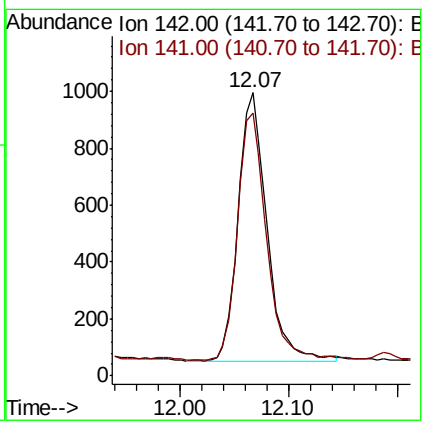


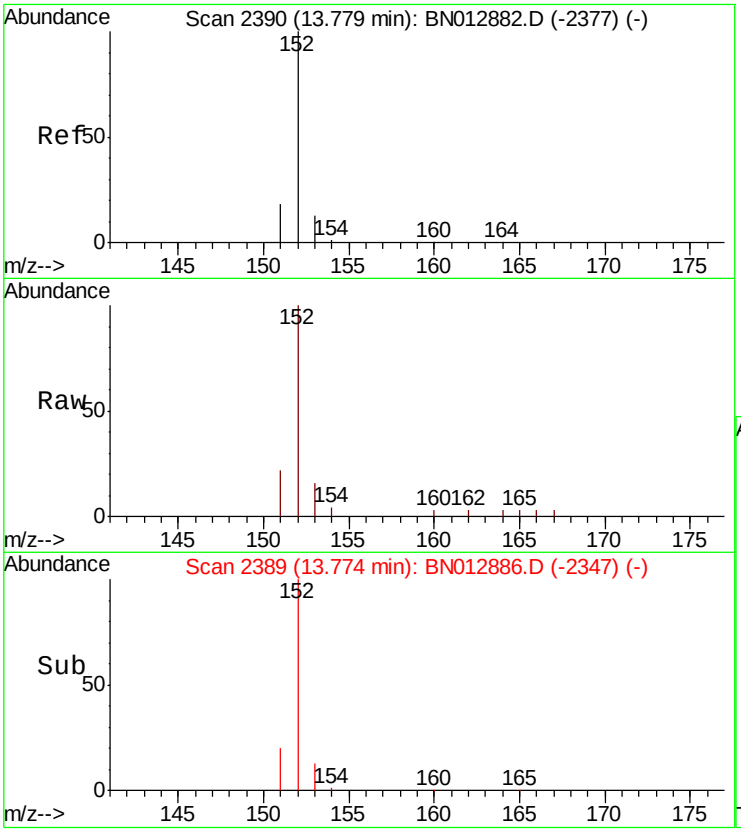


#8
1-Methylnaphthalene
Concen: 0.443 ng/ul
RT: 12.07 min Scan# 2066
Delta R.T. 0.00 min
Lab File: BN012886.D
Acq: 05 Dec 2020 16:50

Tgt Ion:142 Resp: 1724

Ion	Ratio	Lower	Upper
142	100		
141	94.6	75.3	112.9



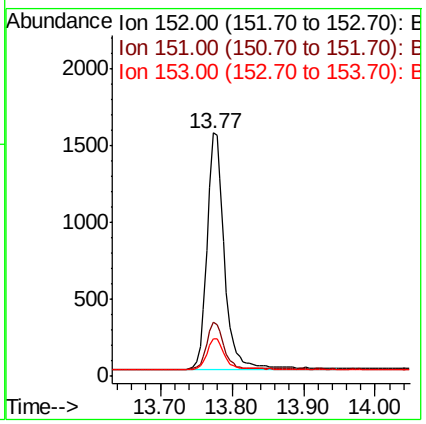


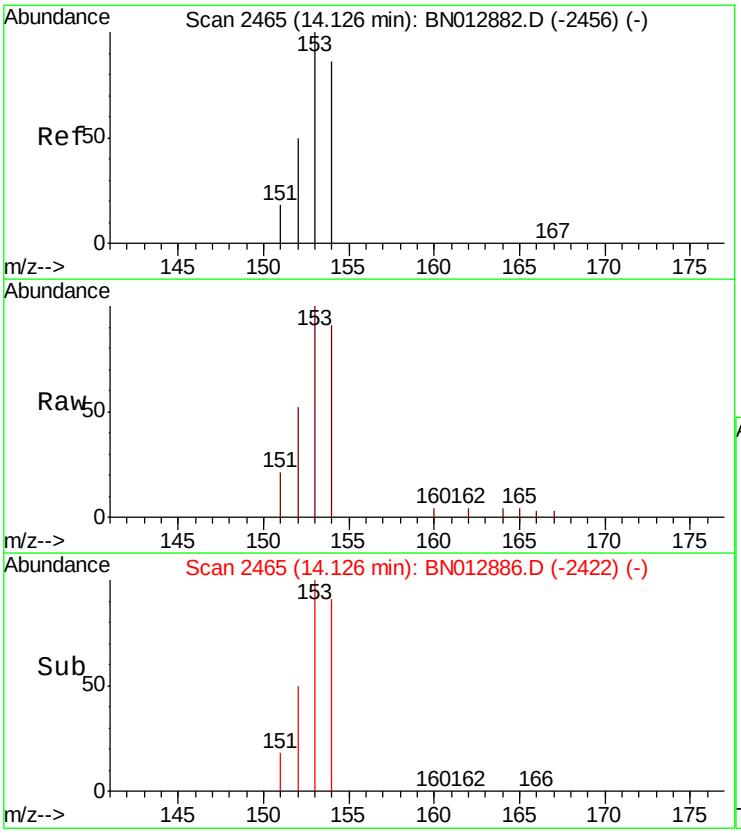
#10
Acenaphthylene
Concen: 0.457 ng/ul
RT: 13.77 min Scan# 2389
Delta R.T. -0.00 min
Lab File: BN012886.D
Acq: 05 Dec 2020 16:50

Instrument :
BNA_N
ClientSampleId :
SSTD0.4004

Tgt Ion:152 Resp: 2570

Ion	Ratio	Lower	Upper
152	100		
151	22.3	17.0	25.4
153	15.5	12.5	18.7

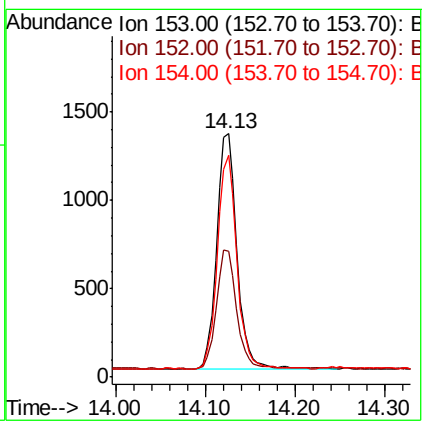


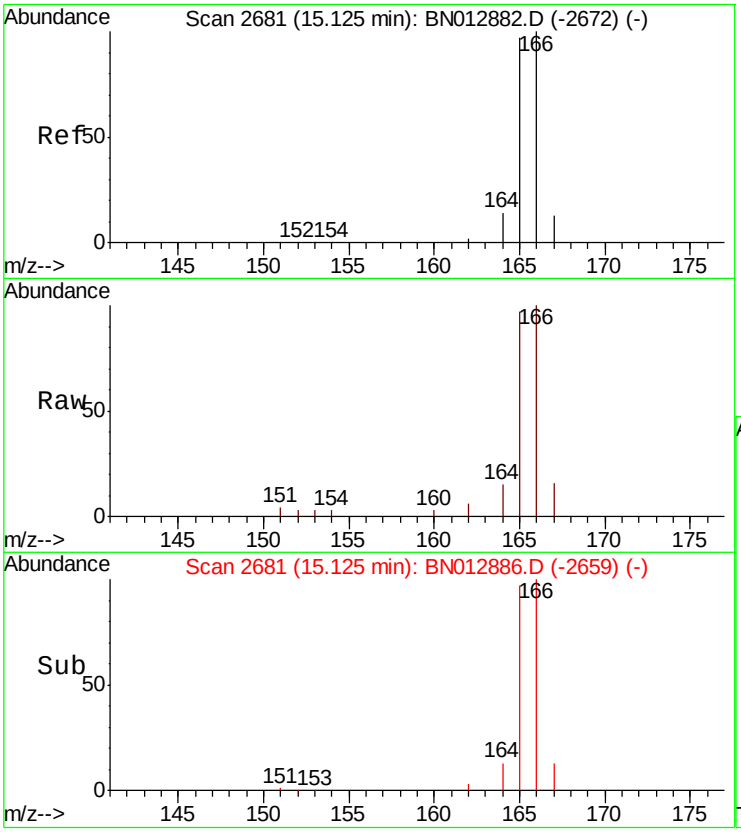


#11
Acenaphthene
Concen: 0.432 ng/ul
RT: 14.13 min Scan# 2465
Delta R.T. 0.00 min
Lab File: BN012886.D
Acq: 05 Dec 2020 16:50

Tgt Ion:153 Resp: 2080

Ion	Ratio	Lower	Upper
153	100		
152	52.0	39.9	59.9
154	91.0	69.9	104.9



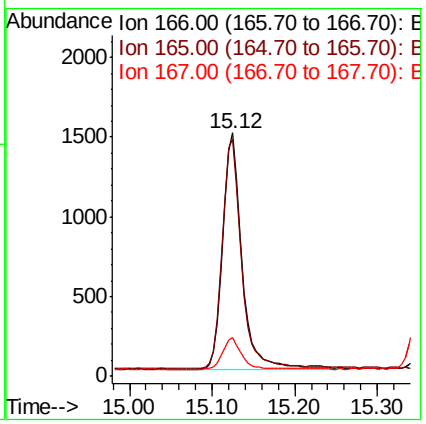


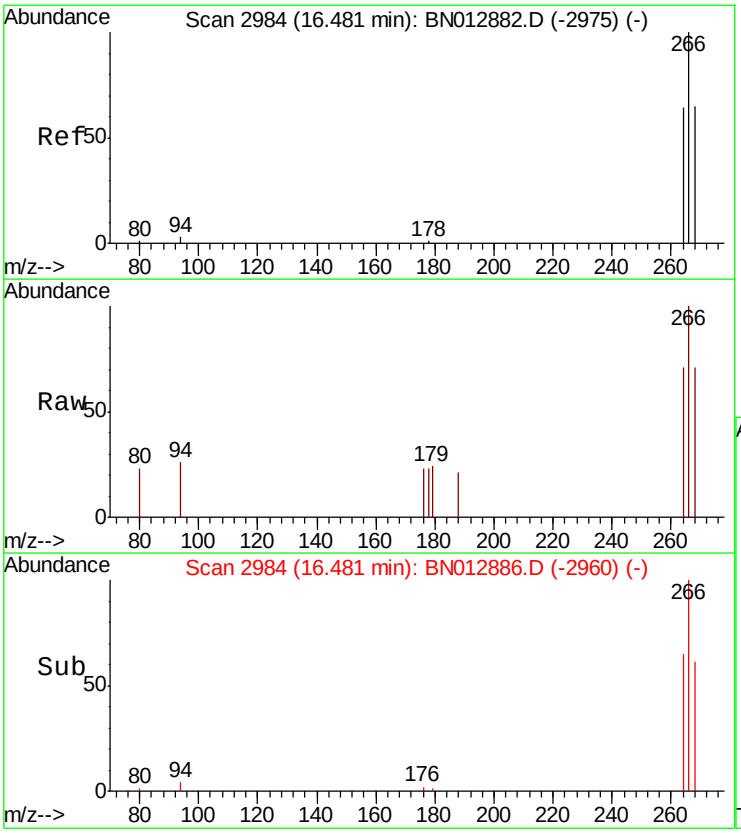
#12
Fluorene
Concen: 0.442 ng/ul
RT: 15.12 min Scan# 2681
Delta R.T. 0.00 min
Lab File: BN012886.D
Acq: 05 Dec 2020 16:50

Instrument :
BNA_N
ClientSampleId :
SSTD0.4004

Tgt Ion:166 Resp: 2384

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.6	117.8
167	16.0	12.6	19.0

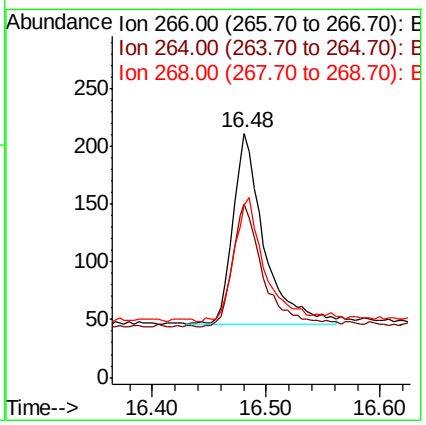


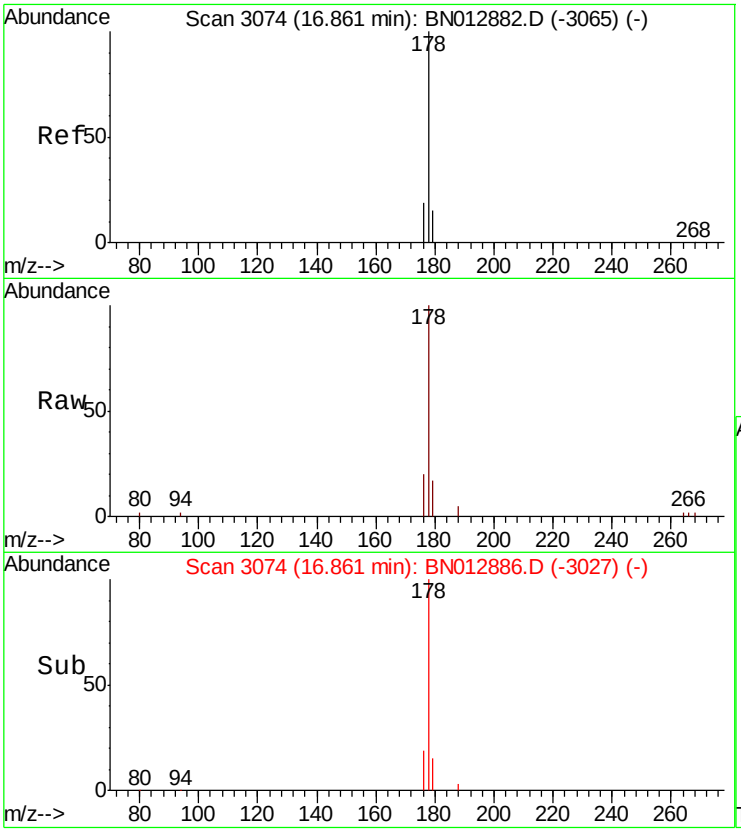


#14
Pentachlorophenol
Concen: 0.418 ng/ul
RT: 16.48 min Scan# 2984
Delta R.T. 0.00 min
Lab File: BN012886.D
Acq: 05 Dec 2020 16:50

Tgt Ion:266 Resp: 313

Ion	Ratio	Lower	Upper
266	100		
264	63.9	48.6	73.0
268	66.5	55.2	82.8



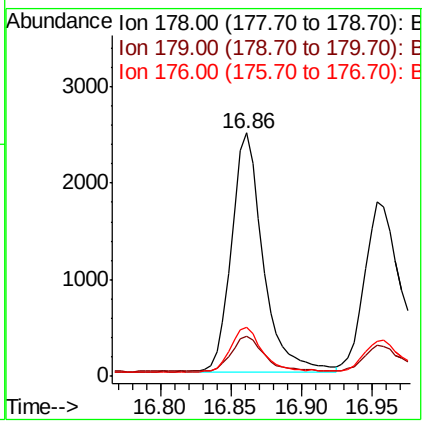


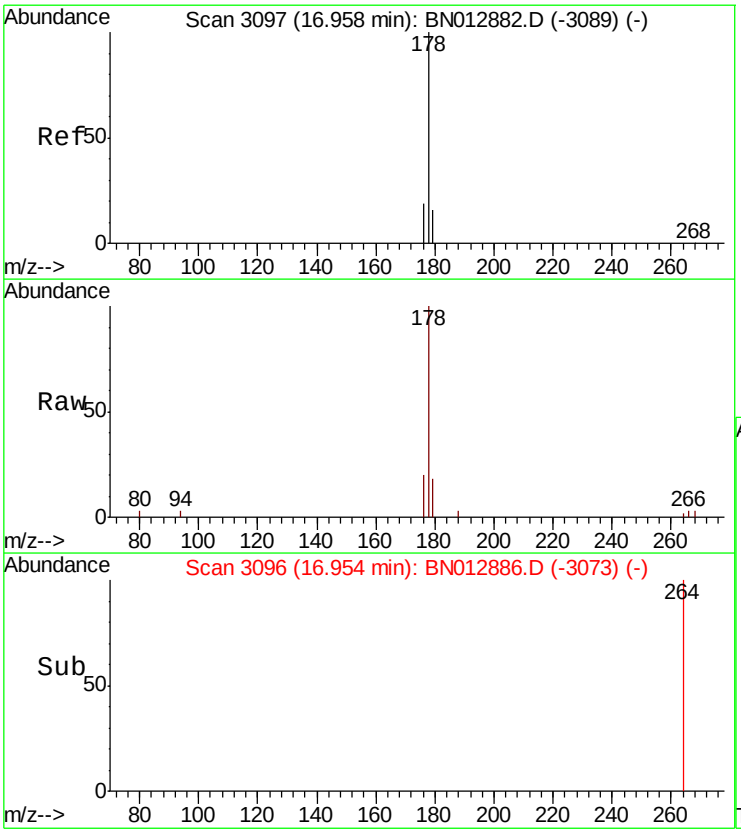
#15
Phenanthrene
Concen: 0.422 ng/ul
RT: 16.86 min Scan# 3074
Delta R.T. 0.00 min
Lab File: BN012886.D
Acq: 05 Dec 2020 16:50

Instrument :
BNA_N
ClientSampleId :
SSTD0.4004

Tgt Ion:178 Resp: 3825

Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.0	19.6
176	20.3	15.8	23.8

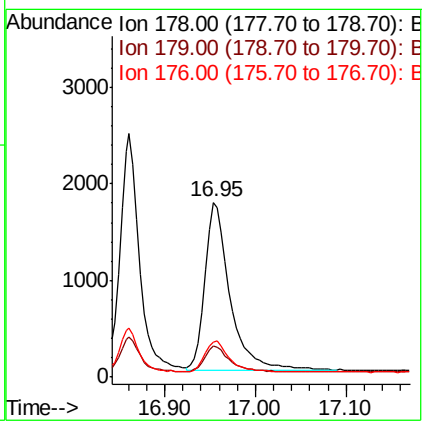


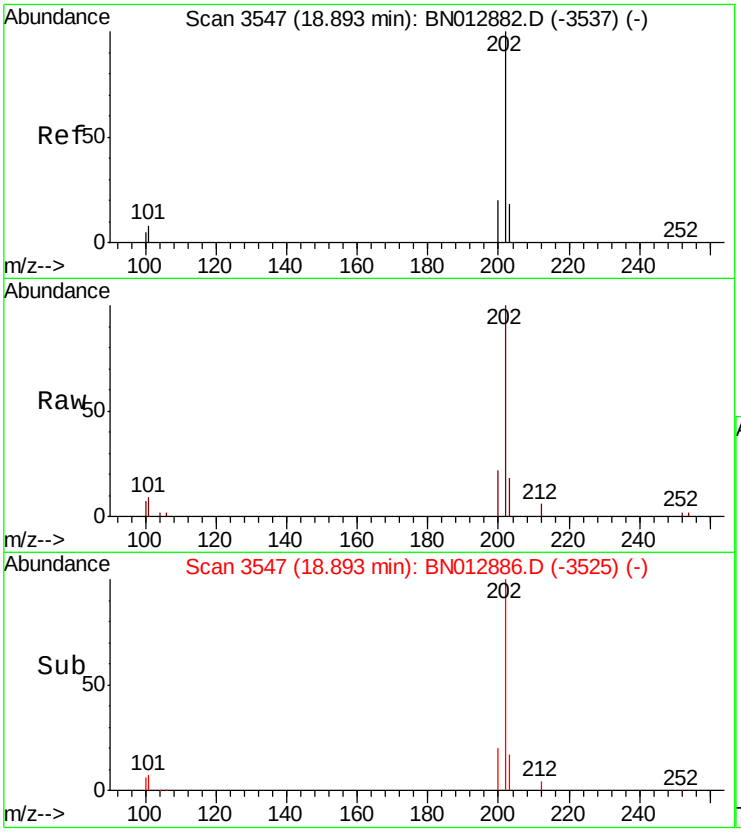


#16
Anthracene
Concen: 0.443 ng/ul
RT: 16.95 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BN012886.D
Acq: 05 Dec 2020 16:50

Tgt Ion:178 Resp: 3299

Ion	Ratio	Lower	Upper
178	100		
179	17.6	14.2	21.4
176	20.0	15.9	23.9



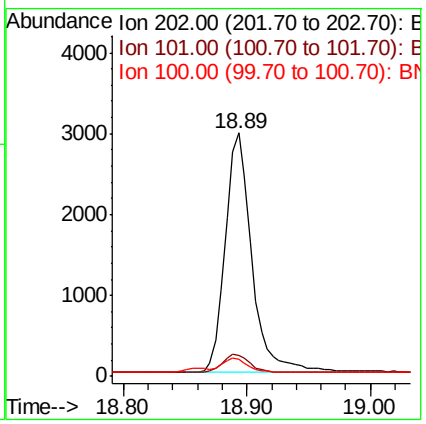


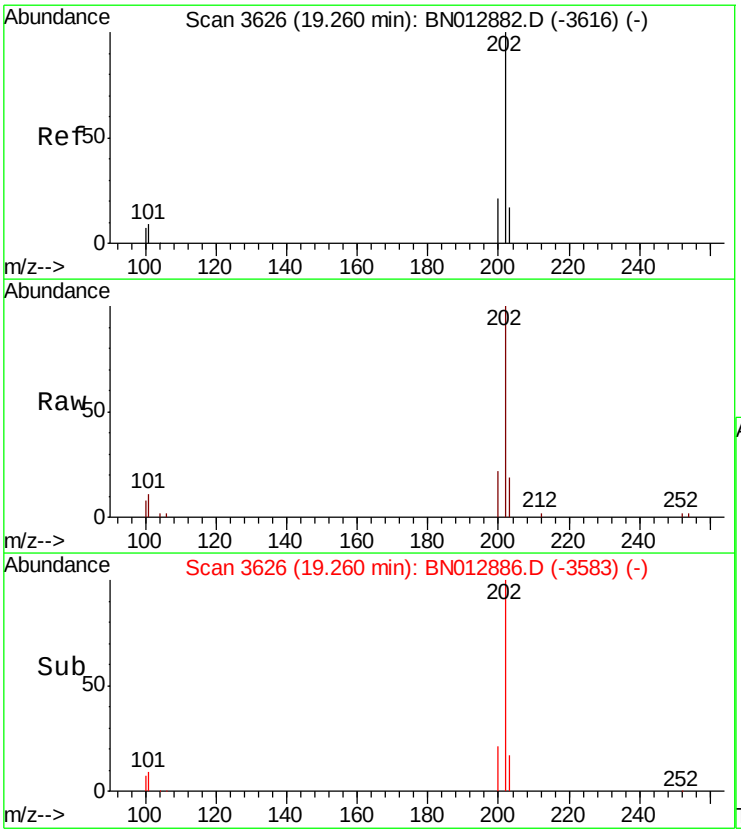
#18
Fluoranthene
Concen: 0.442 ng/ul
RT: 18.89 min Scan# 3547
Delta R.T. 0.00 min
Lab File: BN012886.D
Acq: 05 Dec 2020 16:50

Instrument :
BNA_N
ClientSampleId :
SSTD0.4004

Tgt Ion:202 Resp: 4440

Ion	Ratio	Lower	Upper
202	100		
101	8.8	8.2	12.2
100	7.3	6.9	10.3

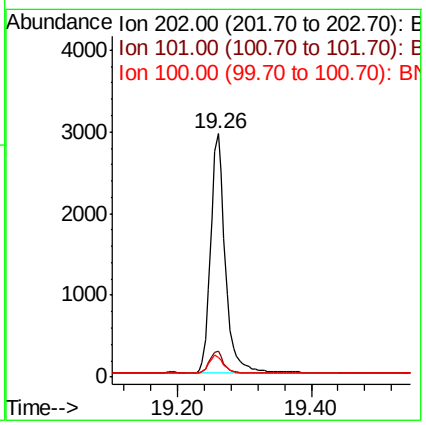


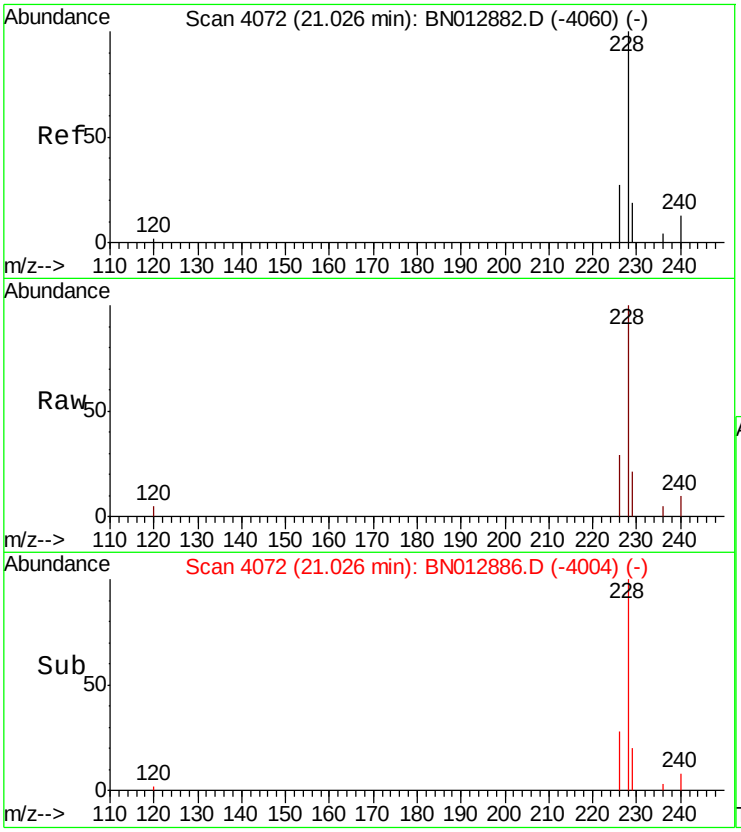


#20
Pyrene
Concen: 0.433 ng/ul
RT: 19.26 min Scan# 3626
Delta R.T. 0.00 min
Lab File: BN012886.D
Acq: 05 Dec 2020 16:50

Tgt Ion:202 Resp: 4516

Ion	Ratio	Lower	Upper
202	100		
101	10.5	9.4	14.2
100	8.2	8.6	12.8#



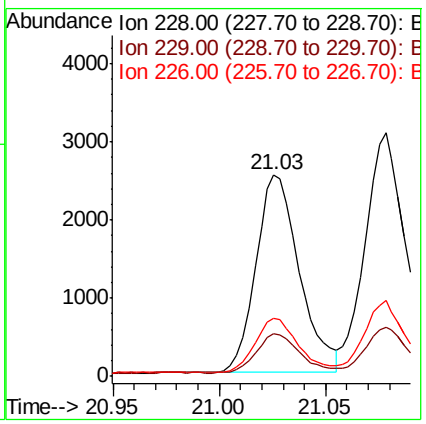


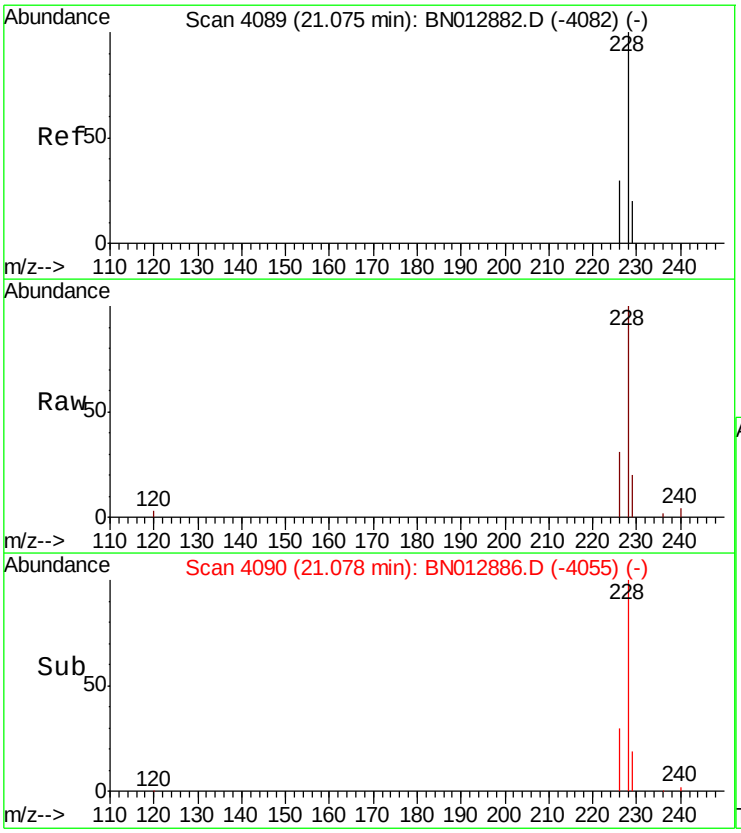
#21
Benzo(a)anthracene
Concen: 0.447 ng/ul
RT: 21.03 min Scan# 4072
Delta R.T. 0.00 min
Lab File: BN012886.D
Acq: 05 Dec 2020 16:50

Instrument :
BNA_N
ClientSampleId :
SSTD0.4004

Tgt Ion:228 Resp: 3600

Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.6	25.0
226	28.9	23.5	35.3

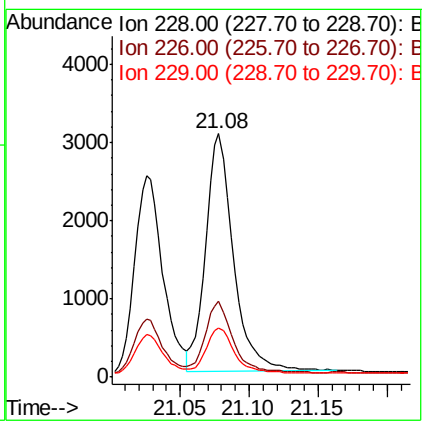


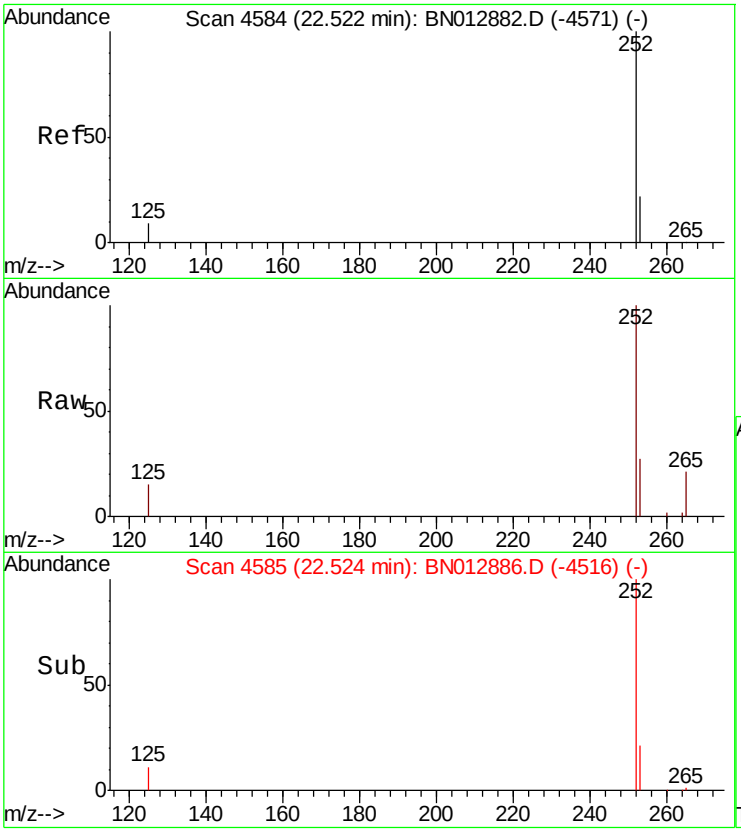


#22
Chrysene
Concen: 0.440 ng/ul
RT: 21.08 min Scan# 4090
Delta R.T. 0.00 min
Lab File: BN012886.D
Acq: 05 Dec 2020 16:50

Tgt Ion:228 Resp: 4260

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.9	35.9
229	19.9	16.6	24.8



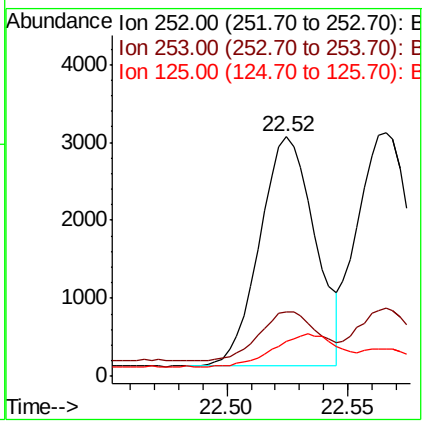


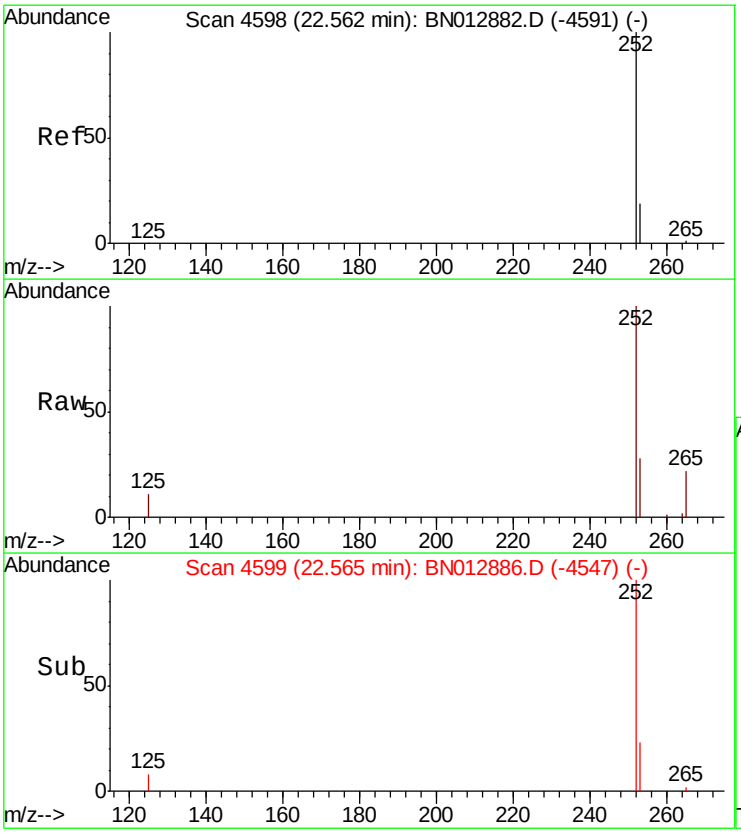
#24
Benzo(b)fluoranthene
Concen: 0.445 ng/ul
RT: 22.52 min Scan# 4585
Delta R.T. 0.00 min
Lab File: BN012886.D
Acq: 05 Dec 2020 16:50

Instrument :
BNA_N
ClientSampleId :
SSTD0.4004

Tgt Ion:252 Resp: 4645

Ion	Ratio	Lower	Upper
252	100		
253	27.0	0.0	59.2
125	14.5	0.0	30.2

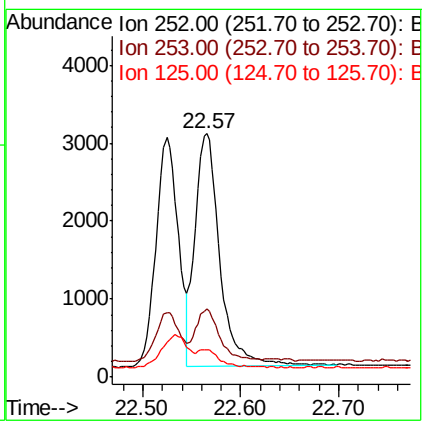


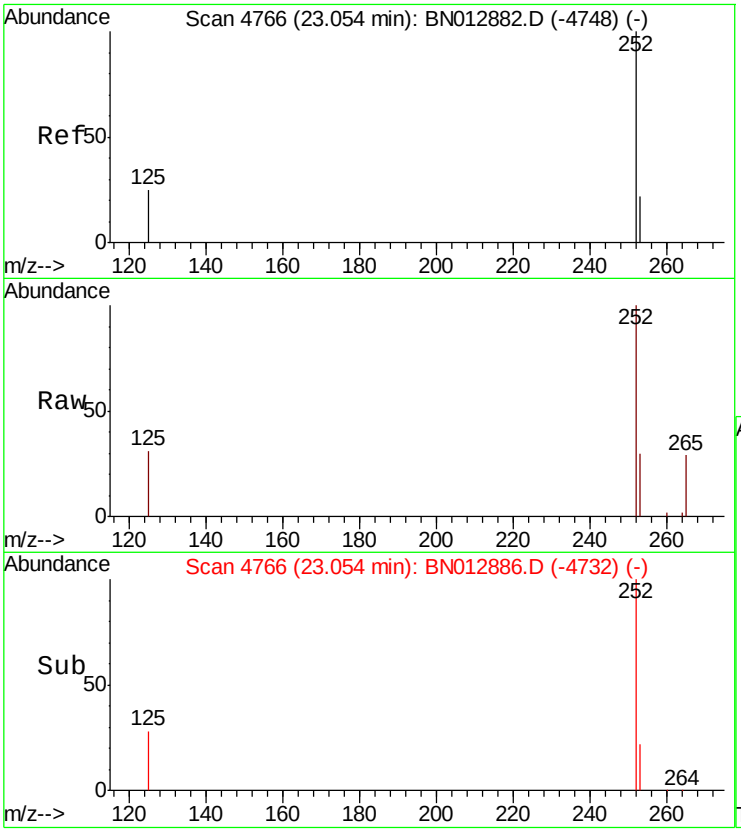


#25
Benzo(k)fluoranthene
Concen: 0.434 ng/ul
RT: 22.57 min Scan# 4599
Delta R.T. 0.00 min
Lab File: BN012886.D
Acq: 05 Dec 2020 16:50

Tgt Ion:252 Resp: 5205

Ion	Ratio	Lower	Upper
252	100		
253	27.9	23.3	34.9
125	11.5	10.6	15.8



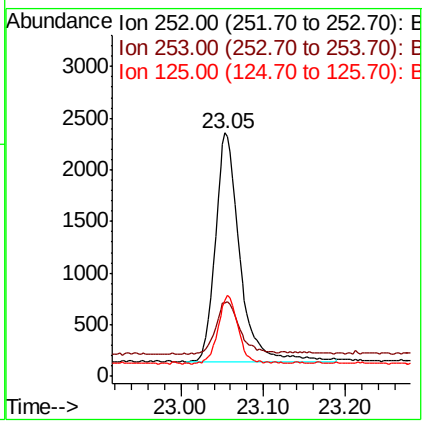


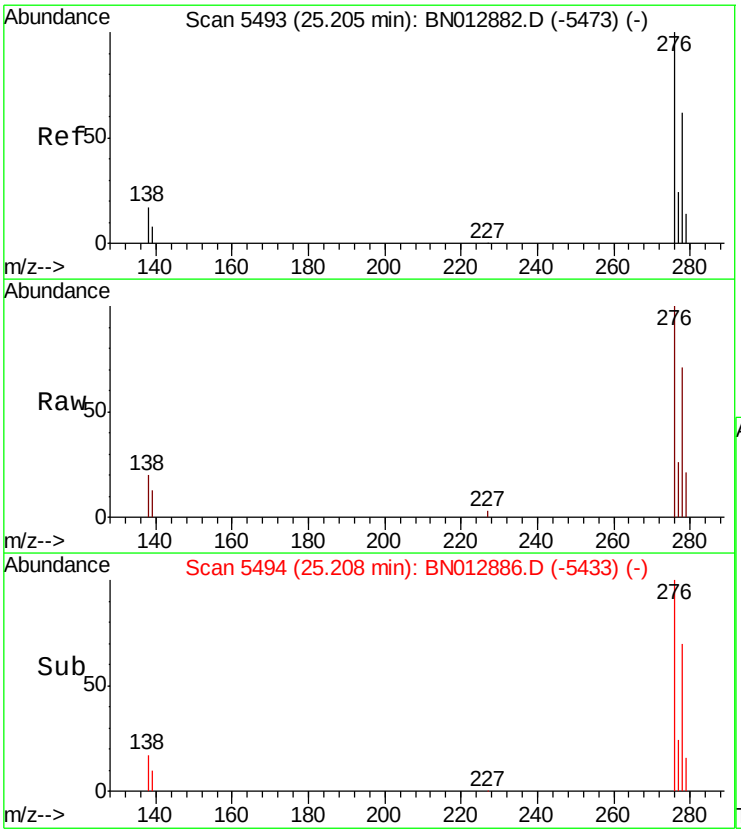
#26
Benzo(a)pyrene
Concen: 0.462 ng/ul
RT: 23.05 min Scan# 4766
Delta R.T. 0.00 min
Lab File: BN012886.D
Acq: 05 Dec 2020 16:50

Instrument :
BNA_N
ClientSampleId :
SSTD0.4004

Tgt Ion:252 Resp: 4532

Ion	Ratio	Lower	Upper
252	100		
253	30.2	27.4	41.0
125	31.2	17.7	26.5#

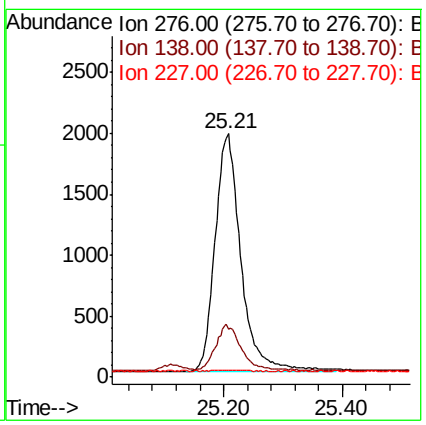


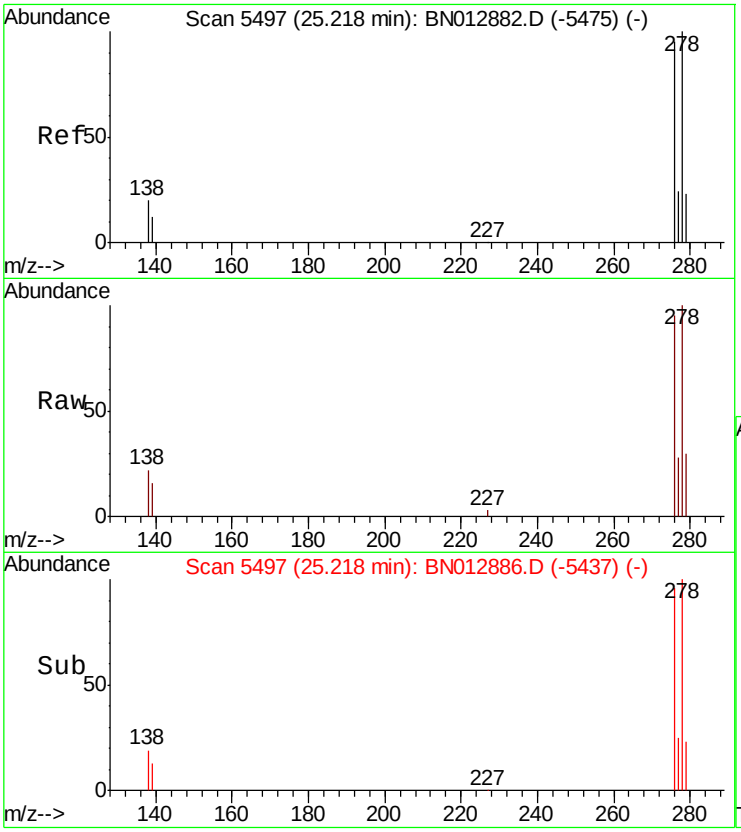


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.456 ng/ul
RT: 25.21 min Scan# 5494
Delta R.T. 0.00 min
Lab File: BN012886.D
Acq: 05 Dec 2020 16:50

Tgt Ion:276 Resp: 5894

Ion	Ratio	Lower	Upper
276	100		
138	18.5	16.3	24.5
227	0.1	0.1	0.1



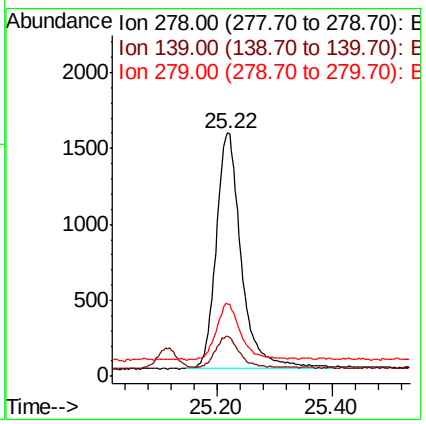


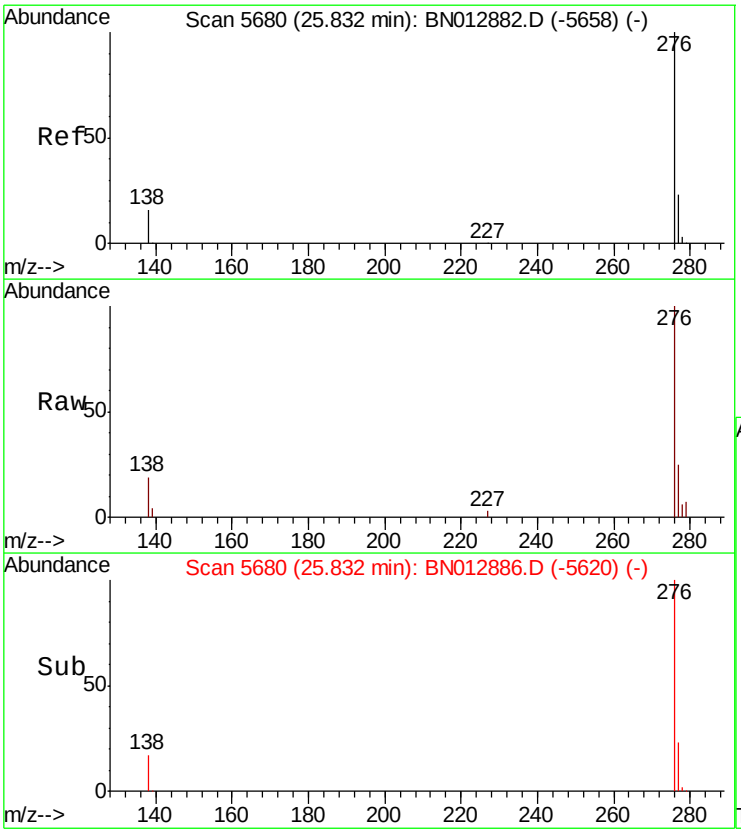
#28
Dibenzo(a,h)anthracene
Concen: 0.450 ng/ul
RT: 25.22 min Scan# 5497
Delta R.T. 0.00 min
Lab File: BN012886.D
Acq: 05 Dec 2020 16:50

Instrument :
BNA_N
ClientSampleId :
SSTD0.4004

Tgt Ion:278 Resp: 4676

Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.4	20.2
279	29.6	25.8	38.6





#29
Benzo(g,h,i)perylene
Concen: 0.432 ng/ul
RT: 25.83 min Scan# 5680
Delta R.T. 0.00 min
Lab File: BN012886.D
Acq: 05 Dec 2020 16:50

Tgt Ion:276 Resp: 5154

Ion	Ratio	Lower	Upper
276	100		
138	19.3	17.1	25.7
277	25.5	21.4	32.0