Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111020\
Data File : BN012546.D
Acq On : 10 Nov 2020 23:52
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD0.4009

Quant Time: Nov 11 00:52:47 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 : Tue Nov 10 14:27:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	707	0.40	ng/ul	0.00
4) Naphthalene-d8	10.24	136	2684	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.12	164	1452	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.87	188	2983	0.40	ng/ul	0.00
19) Chrysene-d12	21.07	240	2583	0.40	ng/ul	0.00
23) Perylene-d12	23.19	264	2740	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.01	96	375	0.39	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.84	152	1624	0.43	ng/ul	0.00
17) Fluoranthene-d10	18.90	212	3182	0.43	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.04	88	383	0.396	ng/ul	87
5) Naphthalene	10.28	128	3130	0.415	ng/ul	100
7) 2-Methylnaphthalene	11.91	142	2044	0.419	ng/ul	99
8) 1-Methylnaphthalene	12.13	142	1965	0.420	ng/ul	98
10) Acenaphthylene	13.83	152	2703	0.421	ng/ul	98
11) Acenaphthene	14.18	153	2301	0.419	ng/ul	98
12) Fluorene	15.18	166	2596	0.423	ng/ul	98
14) Pentachlorophenol	16.53	266	313	0.384	ng/ul	97
15) Phenanthrene	16.91	178	4090	0.414	ng/ul	99
16) Anthracene	17.00	178	3406	0.420	ng/ul	99
18) Fluoranthene	18.93	202	4657	0.425	ng/ul	99
20) Pyrene	19.30	202	4759	0.390	ng/ul	96
21) Benzo(a)anthracene	21.06	228	4075	0.433	ng/ul	99
22) Chrysene	21.11	228	4720	0.417	ng/ul	99
24) Benzo(b)fluoranthene	22.56	252	4980	0.426	ng/ul	98
25) Benzo(k)fluoranthene	22.61	252	5635	0.419	ng/ul	98
26) Benzo(a)pyrene	23.10	252	4871	0.442	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.27	276	6231	0.430	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.29	278	4994	0.429	ng/ul	98
29) Benzo(g,h,i)perylene	25.91	276	5525	0.413	ng/ul	97

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111020\
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Misc :
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Instrument :
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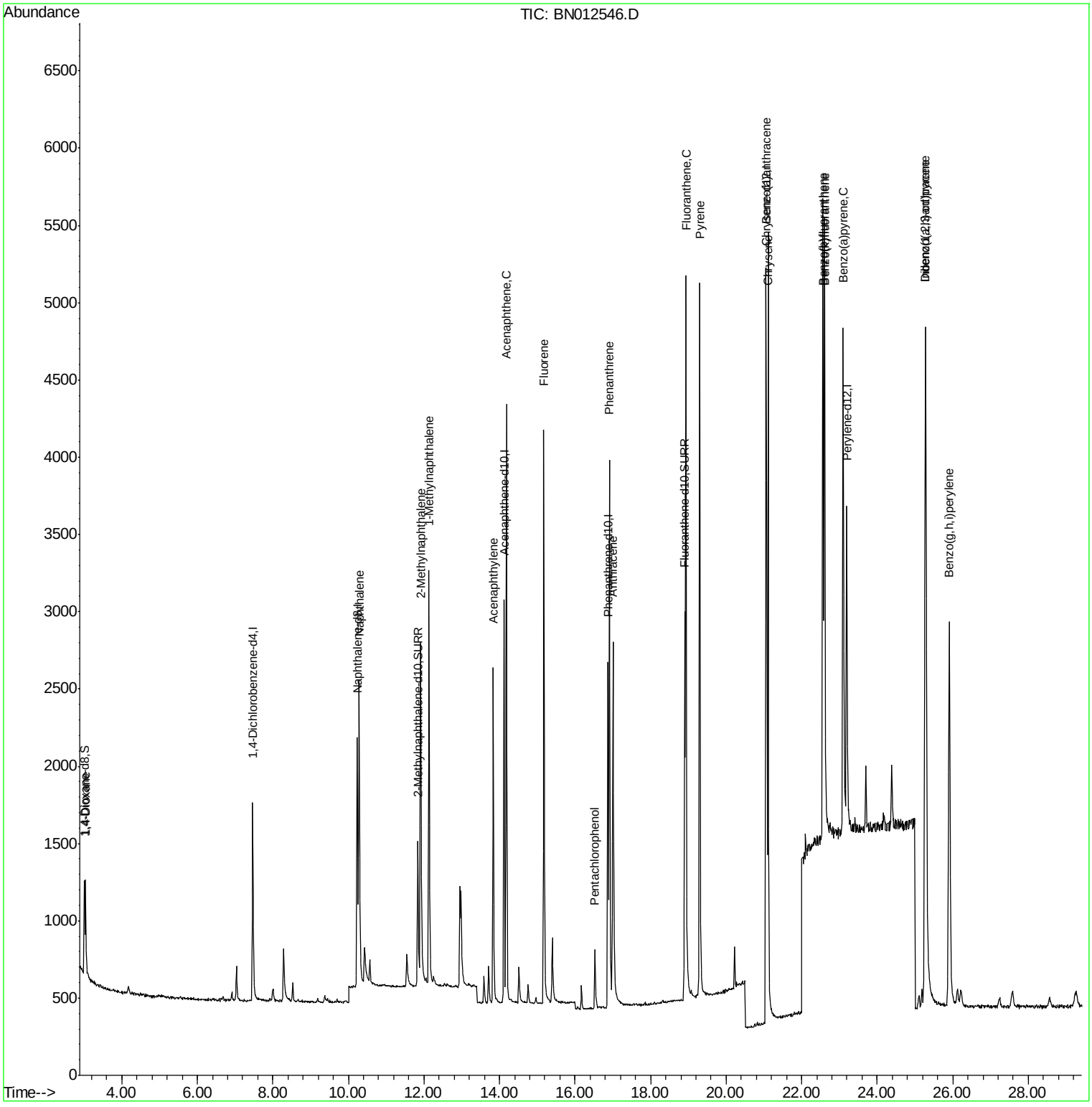
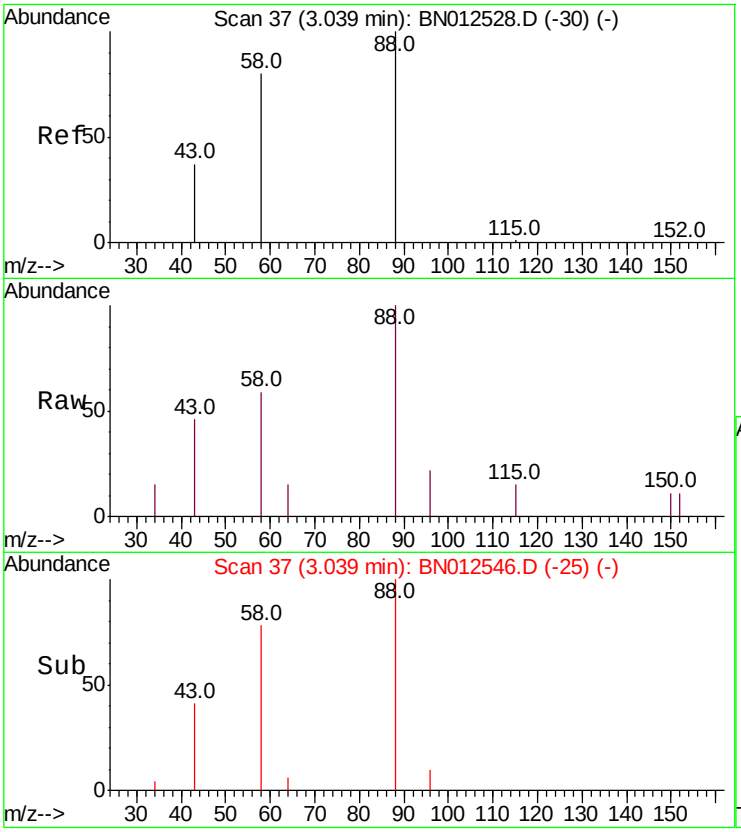
Quant Time: Nov 11 00:52:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN111020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 10 14:27:13 2020
Response via : Initial Calibration



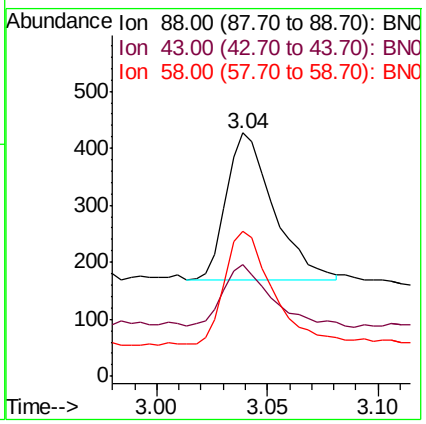


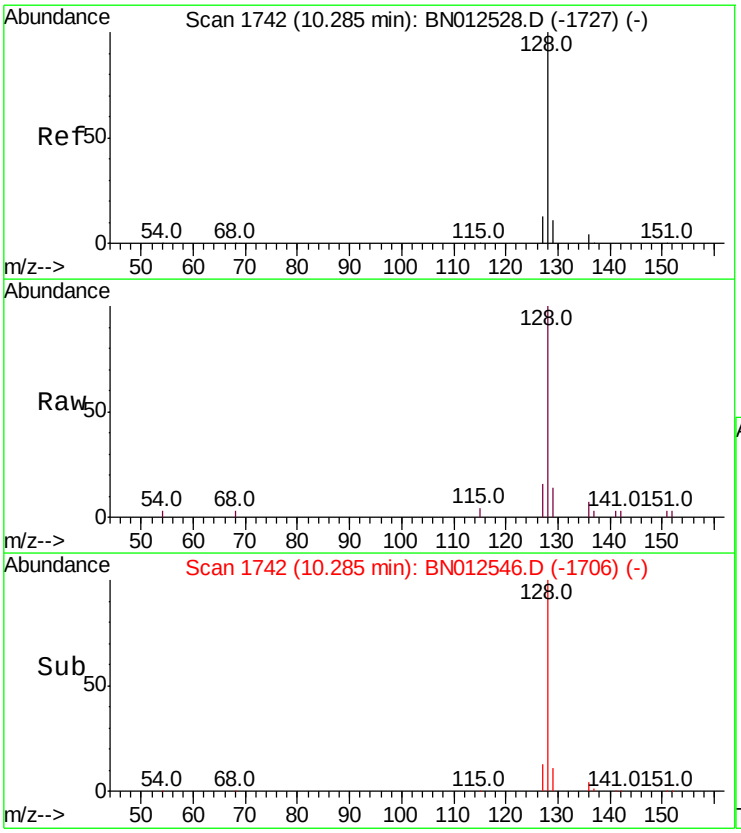
#2
1,4-Dioxane
Concen: 0.396 ng/ul
RT: 3.04 min Scan# 37
Delta R.T. -0.00 min
Lab File: BN012546.D
Acq: 10 Nov 2020 23:52

Instrument :
BNA_N
ClientSampleId :
SSTD0.4009

Tgt Ion: 88 Resp: 383

Ion	Ratio	Lower	Upper
88	100		
43	45.9	42.7	64.1
58	59.5	57.3	85.9

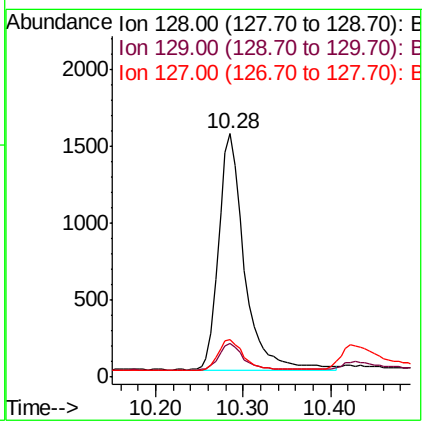


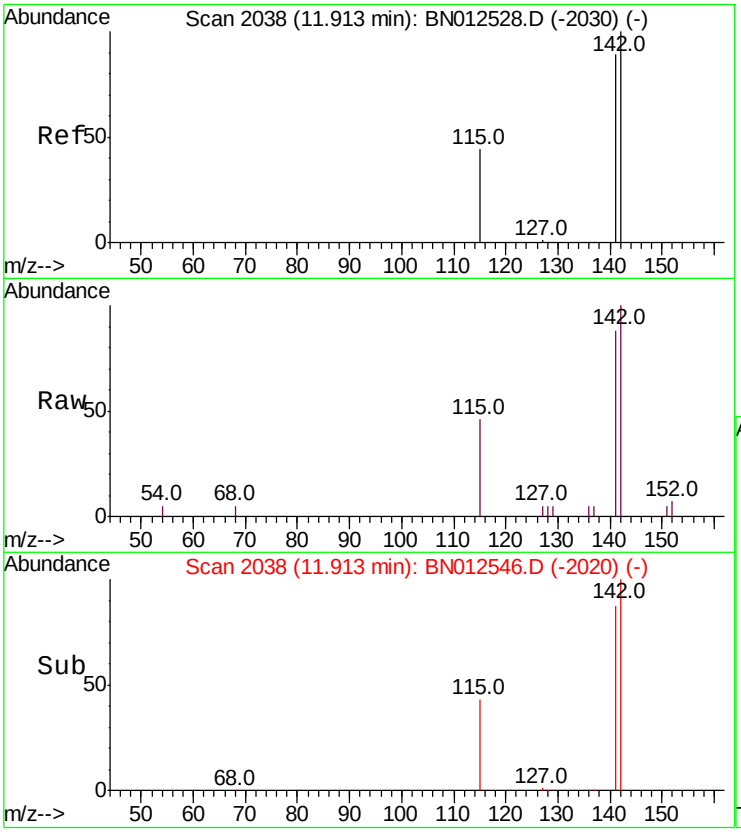


#5
Naphthalene
Concen: 0.415 ng/ul
RT: 10.28 min Scan# 1742
Delta R.T. -0.00 min
Lab File: BN012546.D
Acq: 10 Nov 2020 23:52

Tgt Ion:128 Resp: 3130

Ion	Ratio	Lower	Upper
128	100		
129	13.9	11.1	16.7
127	15.7	12.6	18.8



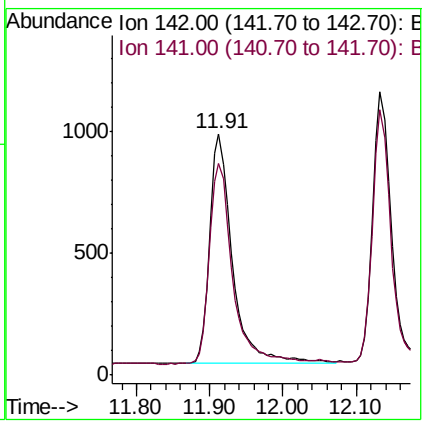


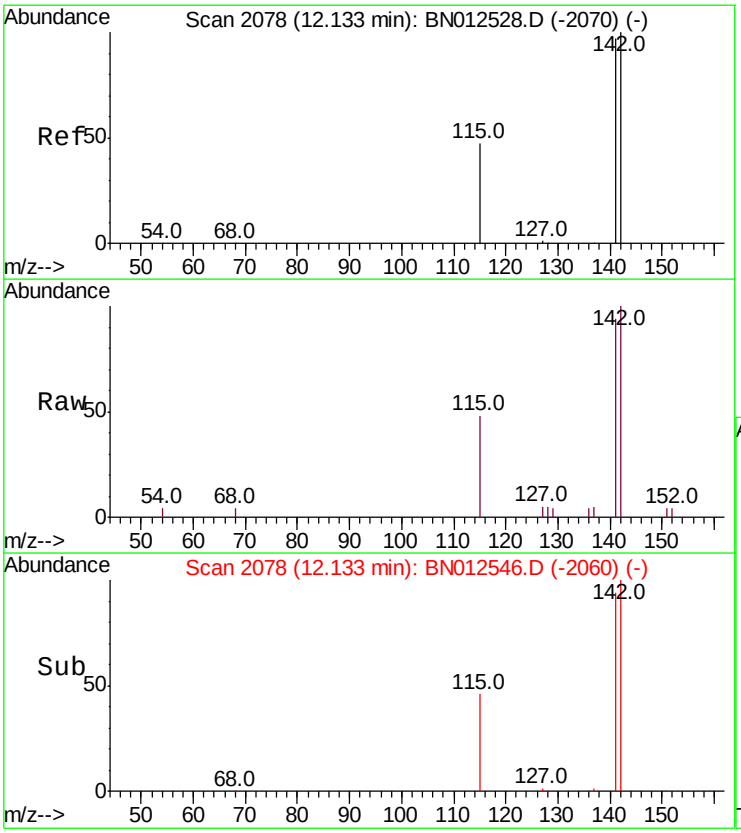
#7
2-Methylnaphthalene
Concen: 0.419 ng/ul
RT: 11.91 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BN012546.D
Acq: 10 Nov 2020 23:52

Instrument :
BNA_N
ClientSampleId :
SSTD0.4009

Tgt Ion:142 Resp: 2044

Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.1	108.1

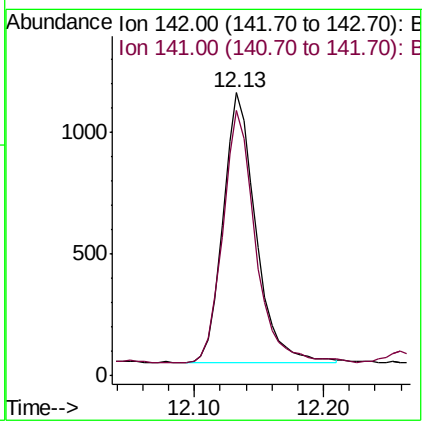


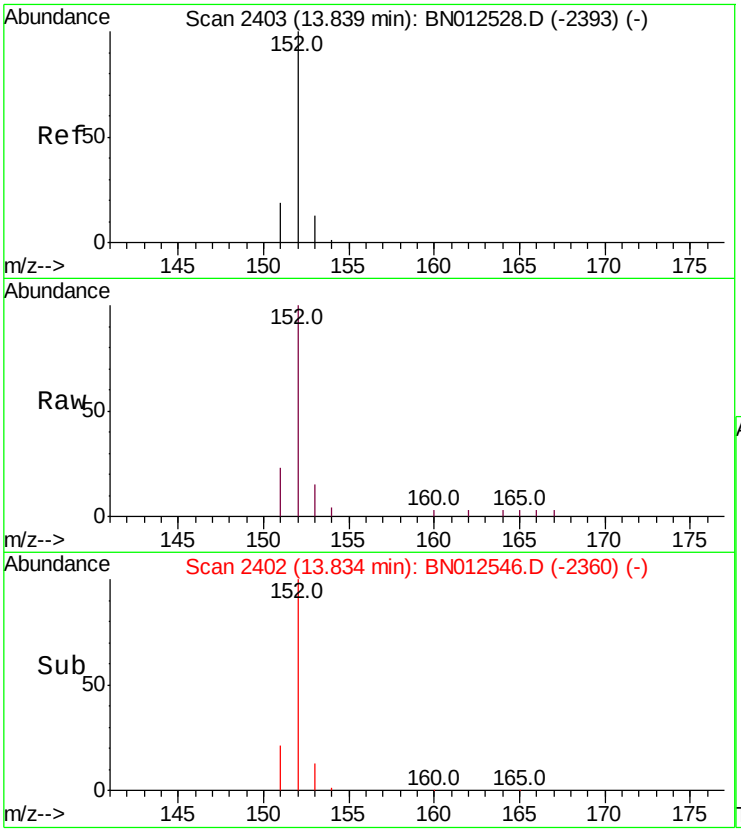


#8
1-Methylnaphthalene
Concen: 0.420 ng/ul
RT: 12.13 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BN012546.D
Acq: 10 Nov 2020 23:52

Tgt Ion:142 Resp: 1965

Ion	Ratio	Lower	Upper
142	100		
141	91.9	75.3	112.9



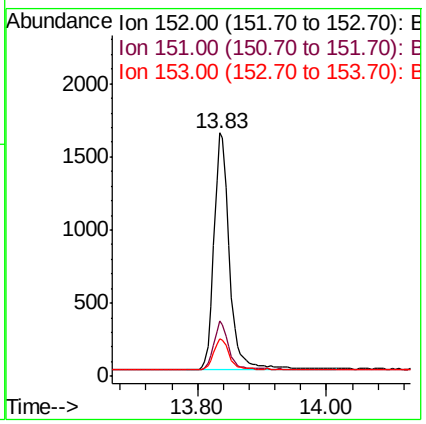


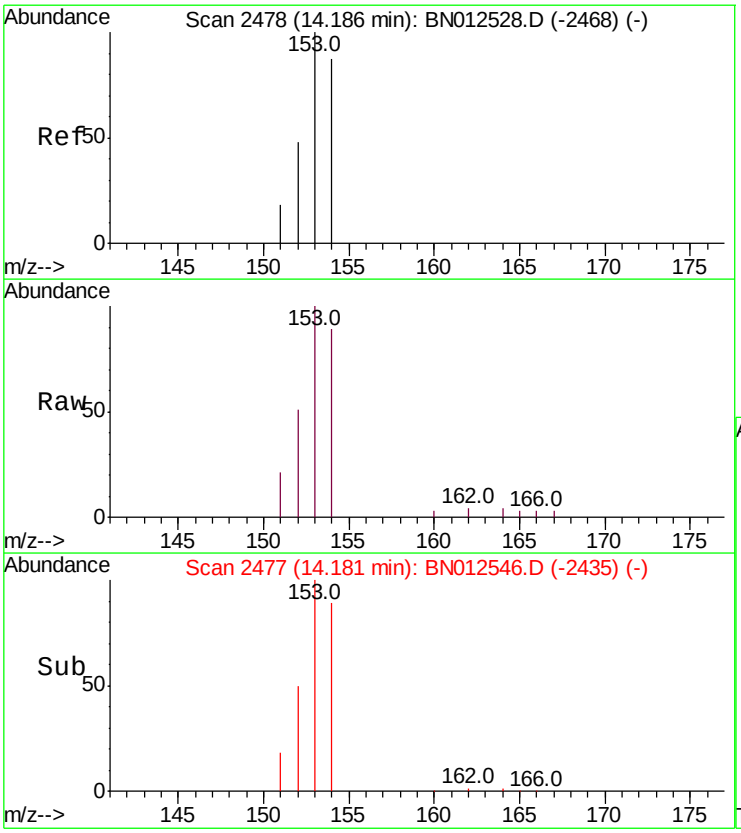
#10
Acenaphthylene
Concen: 0.421 ng/ul
RT: 13.83 min Scan# 2402
Delta R.T. -0.00 min
Lab File: BN012546.D
Acq: 10 Nov 2020 23:52

Instrument :
BNA_N
ClientSampleId :
SSTD0.4009

Tgt Ion:152 Resp: 2703

Ion	Ratio	Lower	Upper
152	100		
151	22.7	17.0	25.4
153	15.3	12.5	18.7

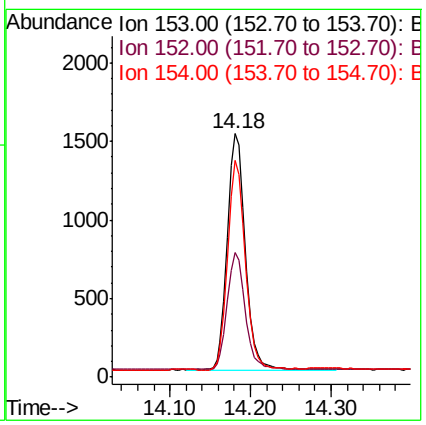


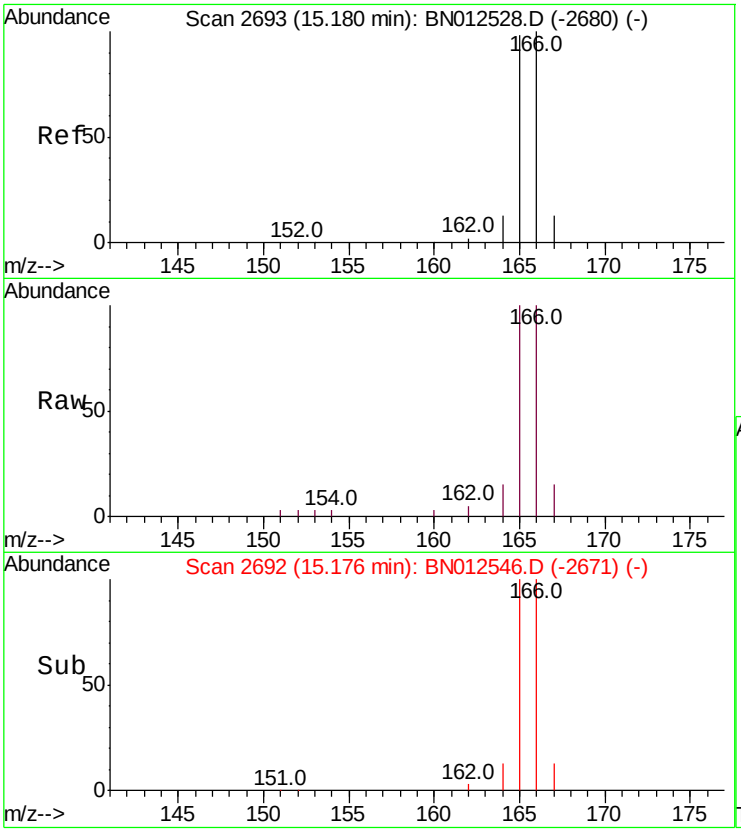


#11
Acenaphthene
Concen: 0.419 ng/ul
RT: 14.18 min Scan# 2477
Delta R.T. -0.00 min
Lab File: BN012546.D
Acq: 10 Nov 2020 23:52

Tgt Ion:153 Resp: 2301

Ion	Ratio	Lower	Upper
153	100		
152	51.5	39.9	59.9
154	89.1	69.9	104.9



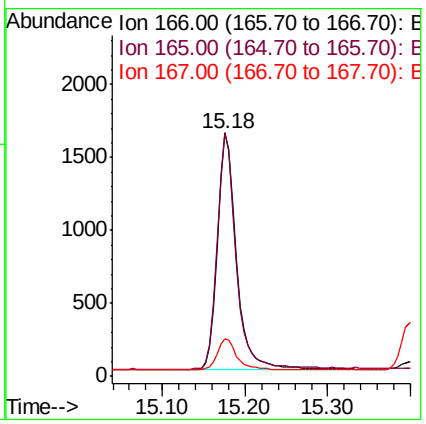


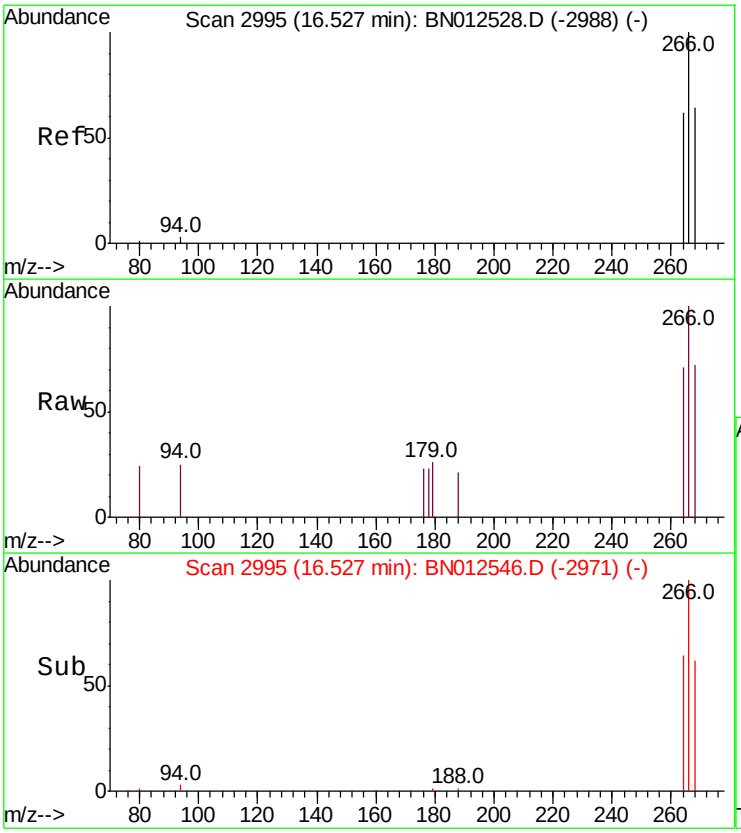
#12
Fluorene
Concen: 0.423 ng/ul
RT: 15.18 min Scan# 2692
Delta R.T. -0.00 min
Lab File: BN012546.D
Acq: 10 Nov 2020 23:52

Instrument :
BNA_N
ClientSampleId :
SSTD0.4009

Tgt Ion:166 Resp: 2596

Ion	Ratio	Lower	Upper
166	100		
165	99.9	78.6	117.8
167	15.4	12.6	19.0

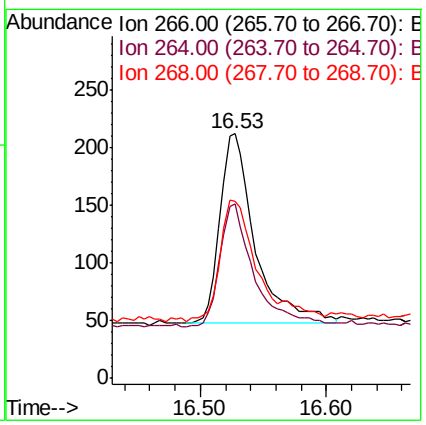


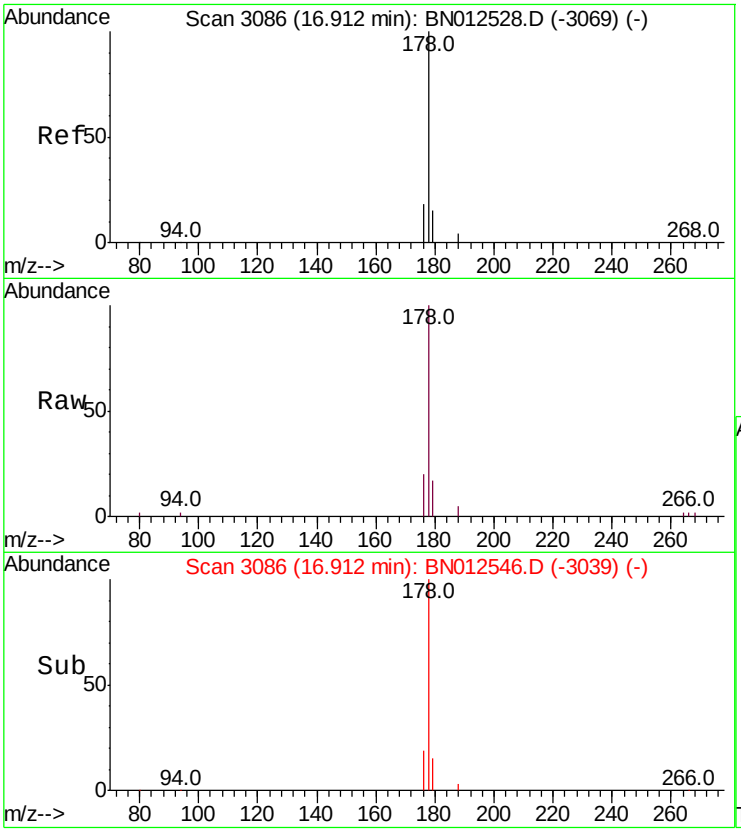


#14
Pentachlorophenol
Concen: 0.384 ng/ul
RT: 16.53 min Scan# 2995
Delta R.T. -0.00 min
Lab File: BN012546.D
Acq: 10 Nov 2020 23:52

Tgt Ion:266 Resp: 313

Ion	Ratio	Lower	Upper
266	100		
264	65.2	48.6	73.0
268	70.0	55.2	82.8



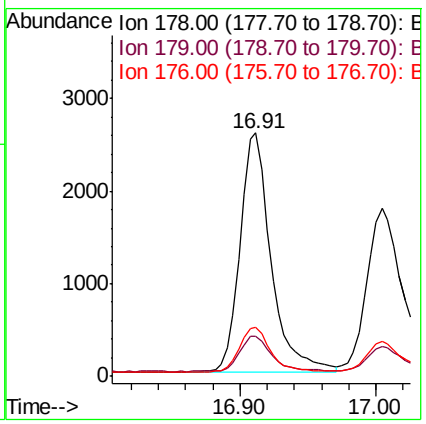


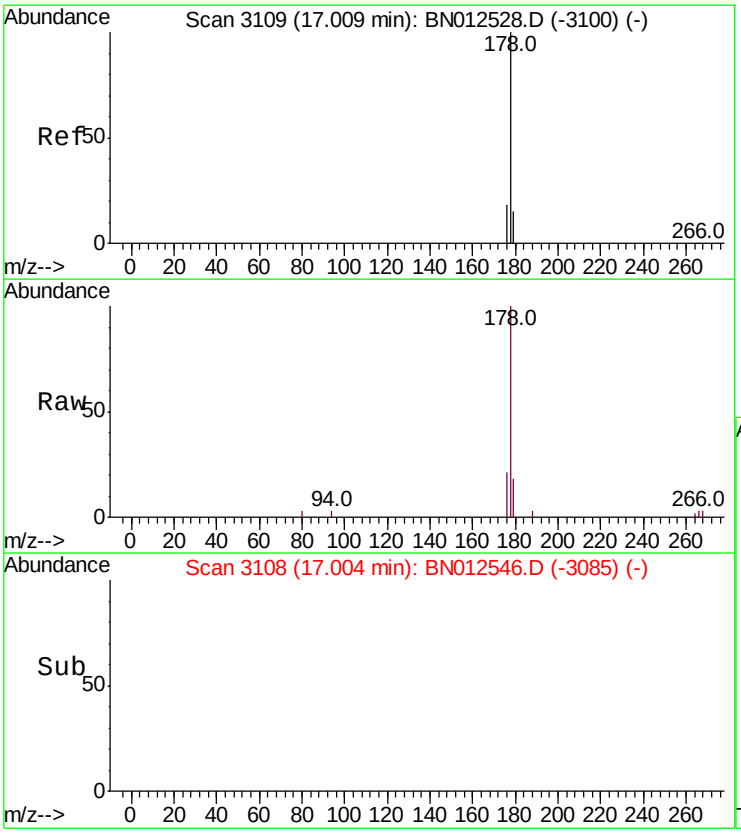
#15
Phenanthrene
Concen: 0.414 ng/ul
RT: 16.91 min Scan# 3086
Delta R.T. -0.00 min
Lab File: BN012546.D
Acq: 10 Nov 2020 23:52

Instrument :
BNA_N
ClientSampleId :
SSTD0.4009

Tgt Ion:178 Resp: 4090

Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.0	19.6
176	20.1	15.8	23.8

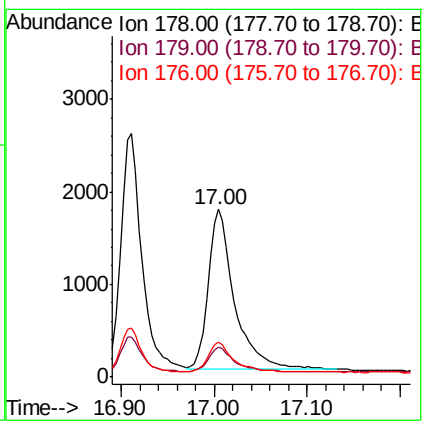


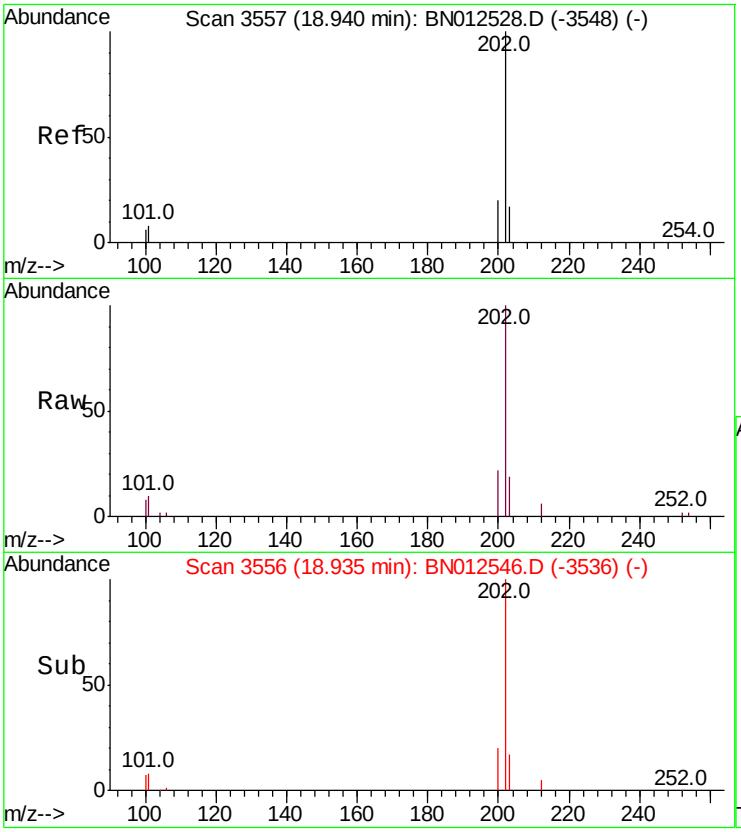


#16
Anthracene
Concen: 0.420 ng/ul
RT: 17.00 min Scan# 3108
Delta R.T. -0.00 min
Lab File: BN012546.D
Acq: 10 Nov 2020 23:52

Tgt Ion:178 Resp: 3406

Ion	Ratio	Lower	Upper
178	100		
179	17.9	14.2	21.4
176	20.8	15.9	23.9



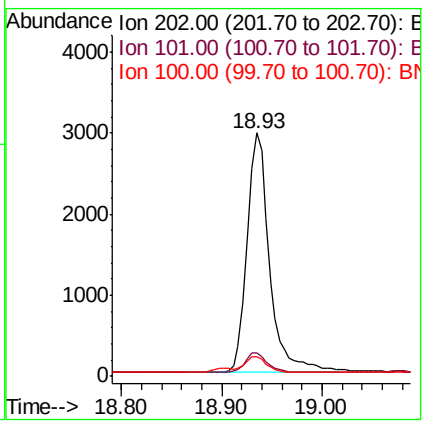


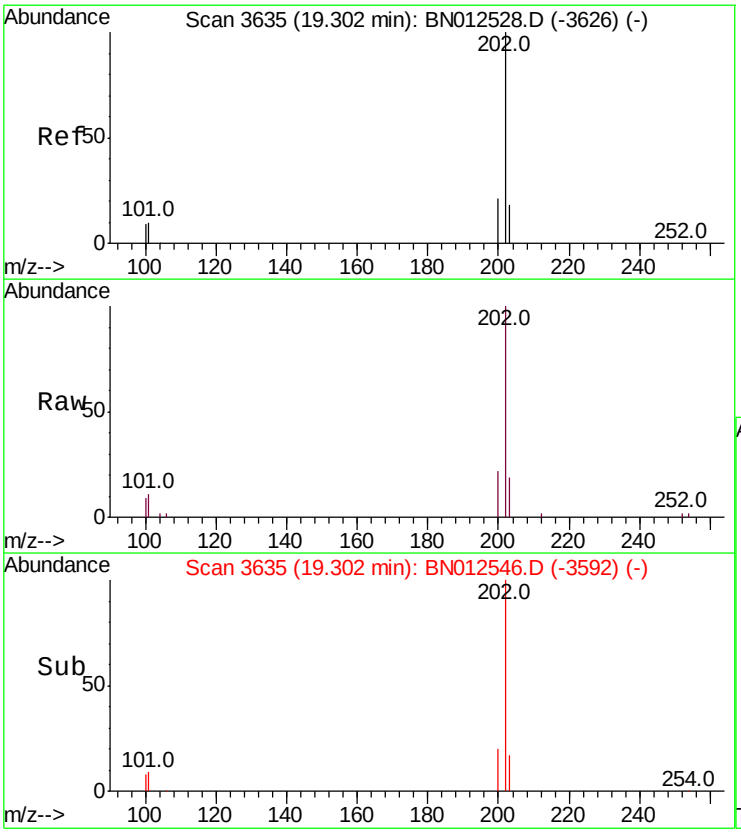
#18
Fluoranthene
Concen: 0.425 ng/ul
RT: 18.93 min Scan# 3556
Delta R.T. -0.00 min
Lab File: BN012546.D
Acq: 10 Nov 2020 23:52

Instrument :
BNA_N
ClientSampleId :
SSTD0.4009

Tgt Ion:202 Resp: 4657

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.2	12.2
100	8.1	6.9	10.3

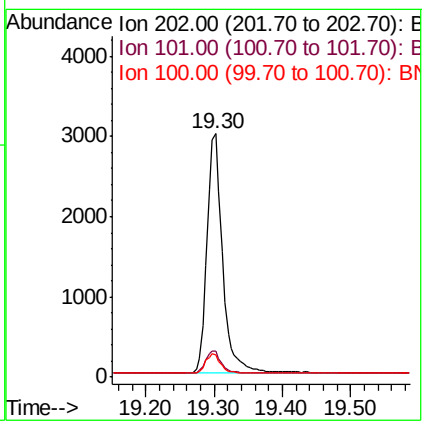


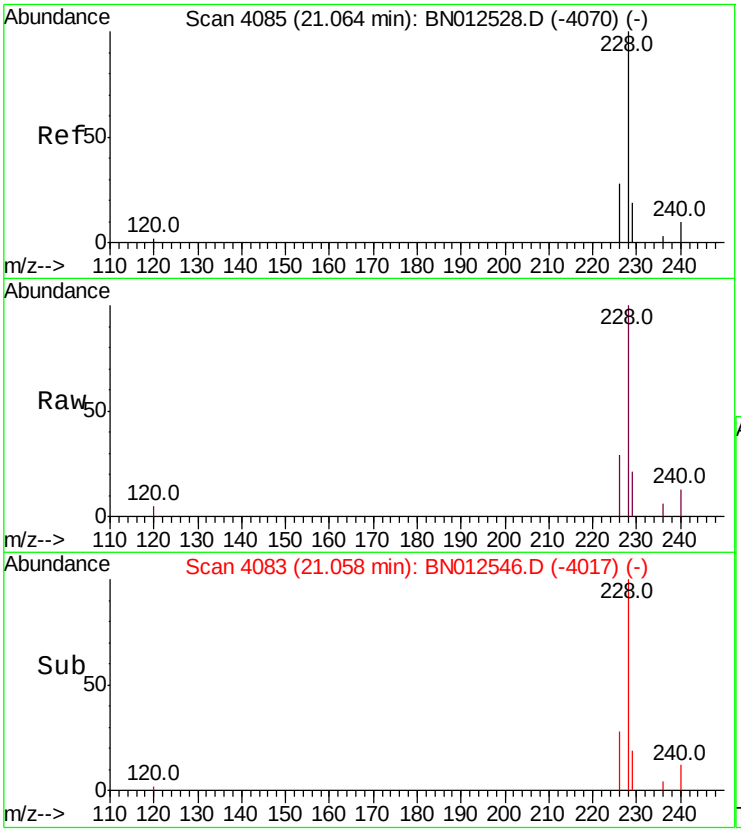


#20
Pyrene
Concen: 0.390 ng/ul
RT: 19.30 min Scan# 3635
Delta R.T. -0.00 min
Lab File: BN012546.D
Acq: 10 Nov 2020 23:52

Tgt Ion:202 Resp: 4759

Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.4	14.2
100	9.0	8.6	12.8



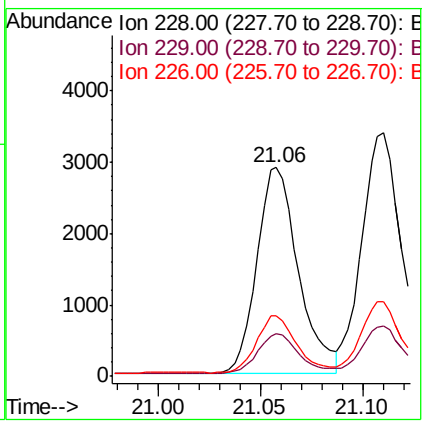


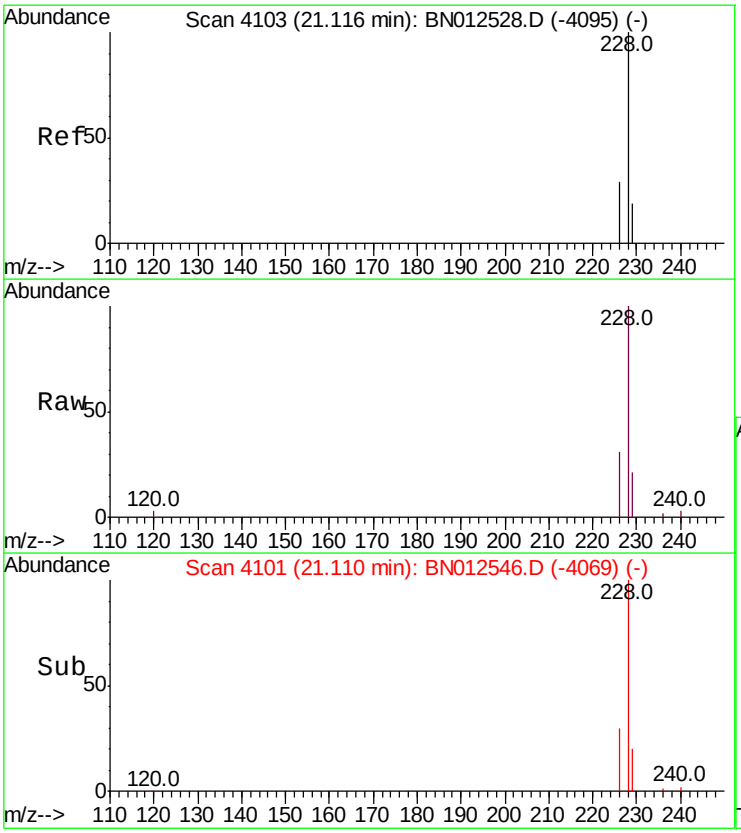
#21
Benzo(a)anthracene
Concen: 0.433 ng/ul
RT: 21.06 min Scan# 4083
Delta R.T. -0.01 min
Lab File: BN012546.D
Acq: 10 Nov 2020 23:52

Instrument :
BNA_N
ClientSampleId :
SSTD0.4009

Tgt Ion:228 Resp: 4075

Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.6	25.0
226	28.9	23.5	35.3

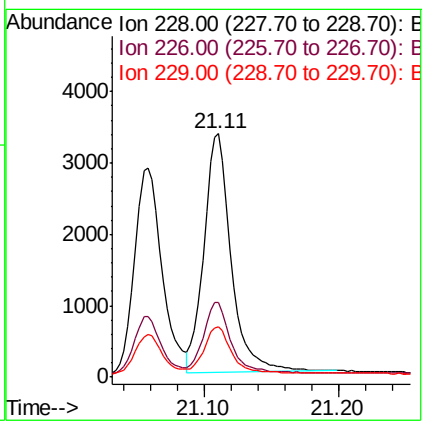


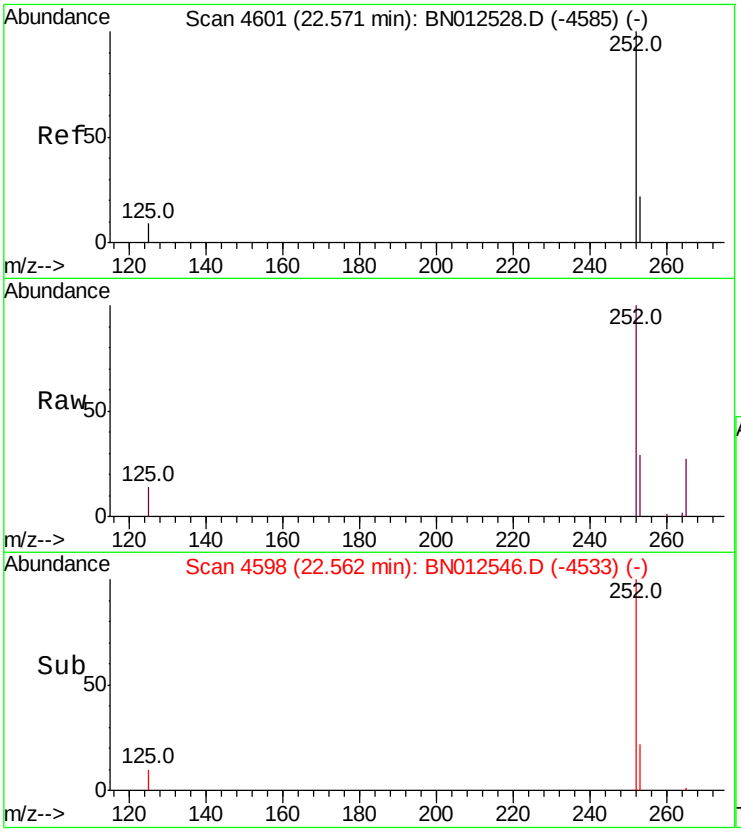


#22
Chrysene
Concen: 0.417 ng/ul
RT: 21.11 min Scan# 4101
Delta R.T. -0.01 min
Lab File: BN012546.D
Acq: 10 Nov 2020 23:52

Tgt Ion:228 Resp: 4720

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.9	35.9
229	20.7	16.6	24.8



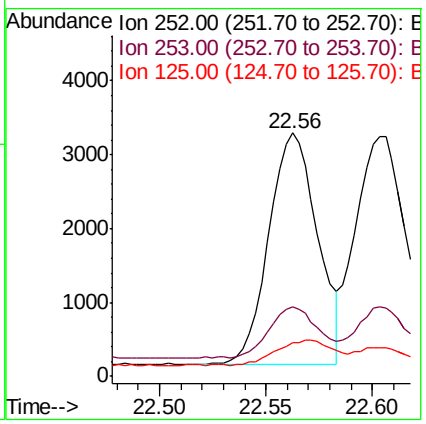


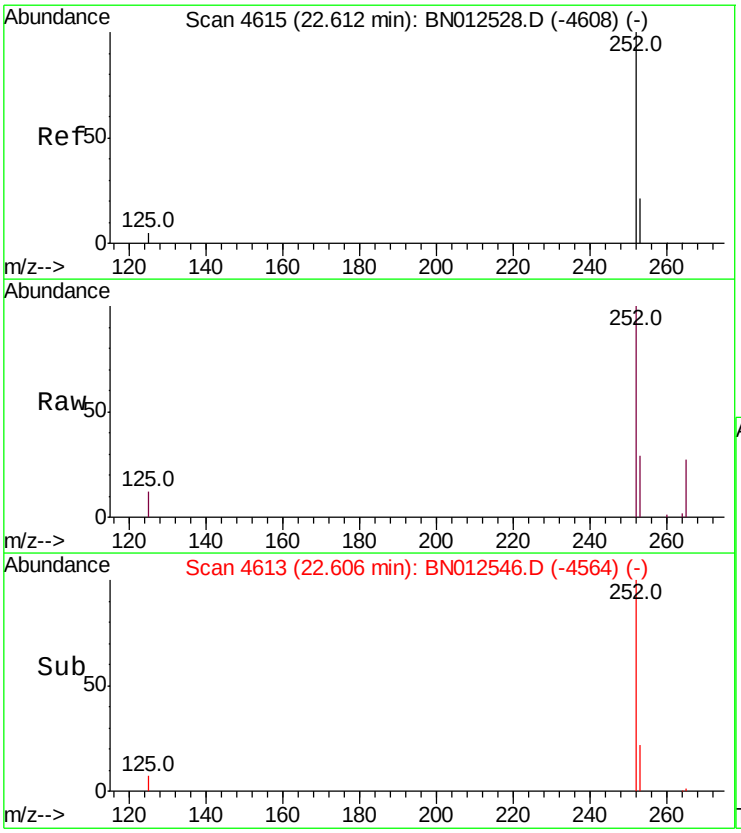
#24
Benzo(b)fluoranthene
Concen: 0.426 ng/ul
RT: 22.56 min Scan# 4598
Delta R.T. -0.01 min
Lab File: BN012546.D
Acq: 10 Nov 2020 23:52

Instrument :
BNA_N
ClientSampleId :
SSTD0.4009

Tgt Ion:252 Resp: 4980

Ion	Ratio	Lower	Upper
252	100		
253	28.7	0.0	59.2
125	13.9	0.0	30.2

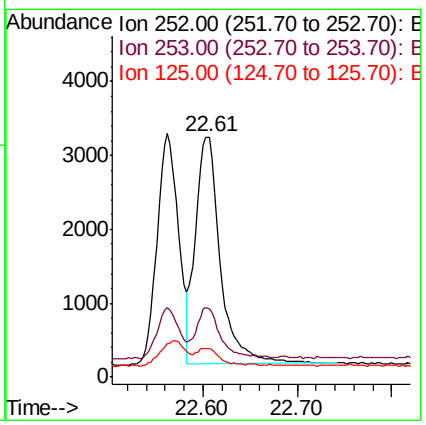


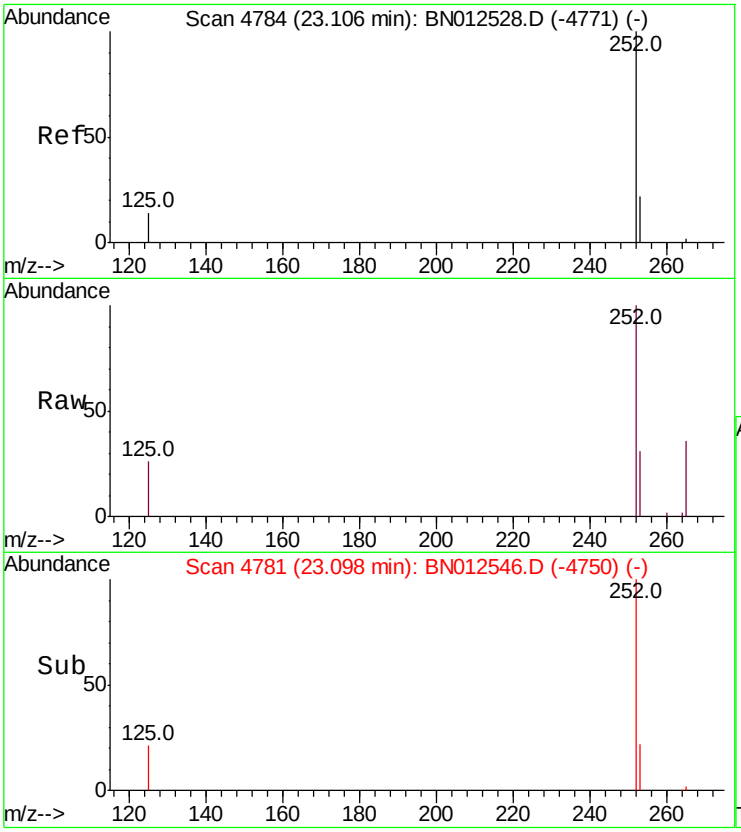


#25
Benzo(k)fluoranthene
Concen: 0.419 ng/ul
RT: 22.61 min Scan# 4613
Delta R.T. -0.01 min
Lab File: BN012546.D
Acq: 10 Nov 2020 23:52

Tgt Ion:252 Resp: 5635

Ion	Ratio	Lower	Upper
252	100		
253	28.6	23.3	34.9
125	11.9	10.6	15.8



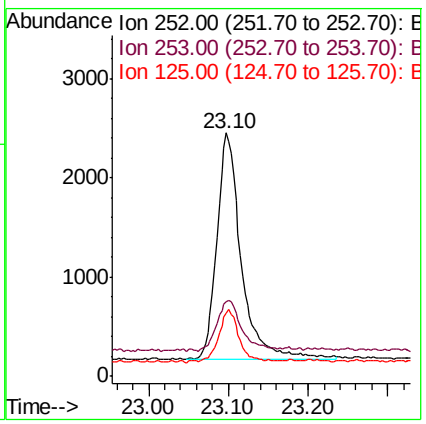


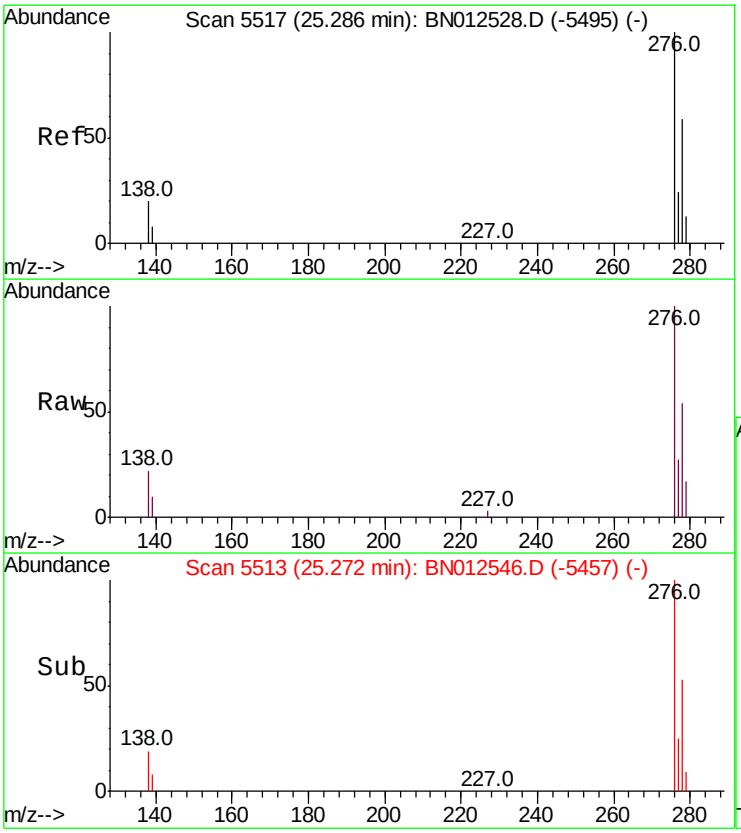
#26
Benzo(a)pyrene
Concen: 0.442 ng/ul
RT: 23.10 min Scan# 4781
Delta R.T. -0.01 min
Lab File: BN012546.D
Acq: 10 Nov 2020 23:52

Instrument :
BNA_N
ClientSampleId :
SSTD0.4009

Tgt Ion:252 Resp: 4871

Ion	Ratio	Lower	Upper
252	100		
253	30.9	27.4	41.0
125	25.7	17.7	26.5

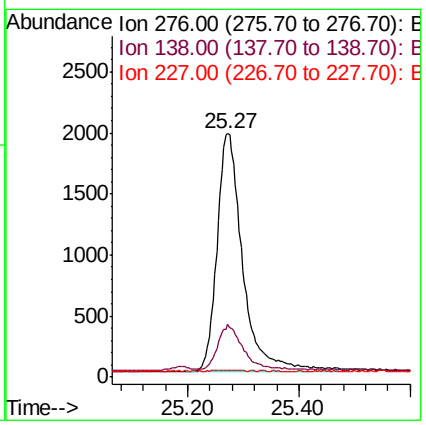


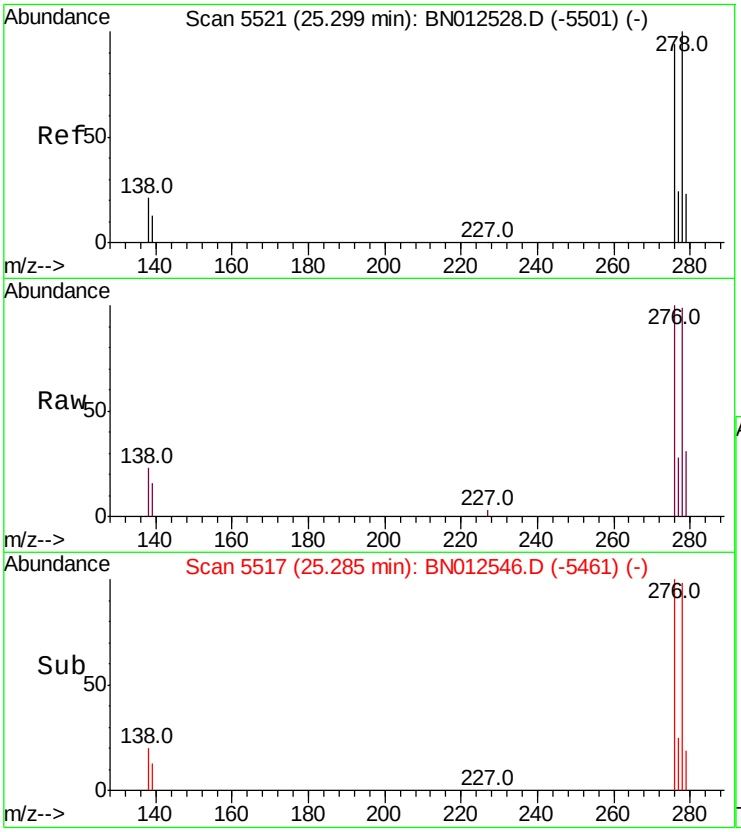


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.430 ng/ul
RT: 25.27 min Scan# 5513
Delta R.T. -0.01 min
Lab File: BN012546.D
Acq: 10 Nov 2020 23:52

Tgt Ion:276 Resp: 6231

Ion	Ratio	Lower	Upper
276	100		
138	18.8	16.3	24.5
227	0.2	0.1	0.1#



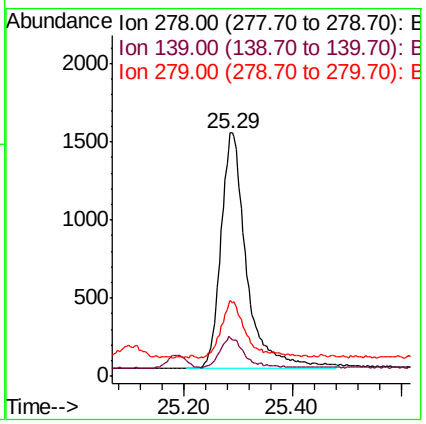


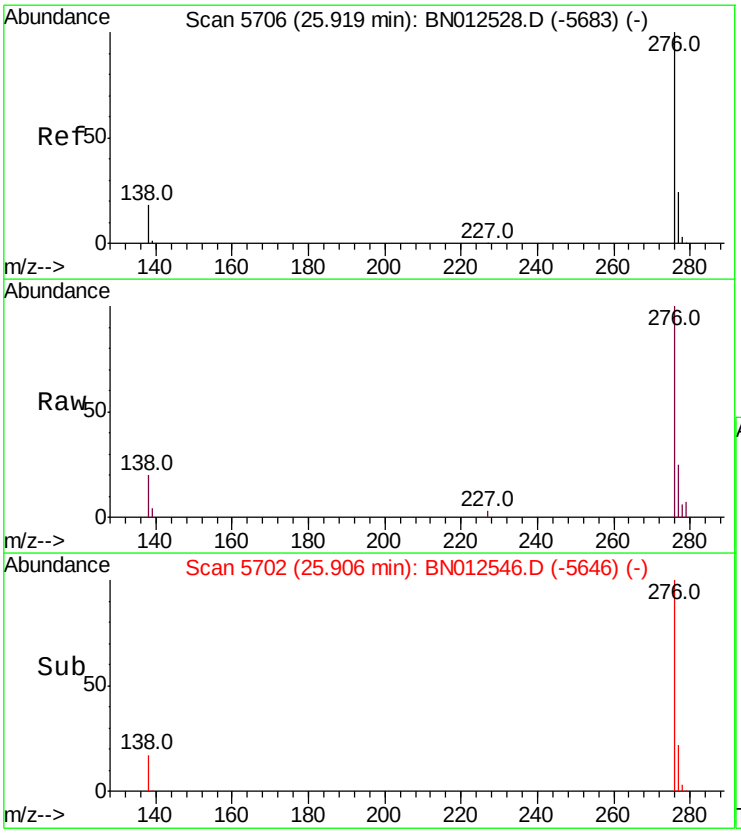
#28
Dibenzo(a,h)anthracene
Concen: 0.429 ng/ul
RT: 25.29 min Scan# 5517
Delta R.T. -0.01 min
Lab File: BN012546.D
Acq: 10 Nov 2020 23:52

Instrument :
BNA_N
ClientSampleId :
SSTD0.4009

Tgt Ion:278 Resp: 4994

Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.4	20.2
279	31.4	25.8	38.6





#29
Benzo(g,h,i)perylene
Concen: 0.413 ng/ul
RT: 25.91 min Scan# 5702
Delta R.T. -0.01 min
Lab File: BN012546.D
Acq: 10 Nov 2020 23:52

Tgt Ion:276 Resp: 5525

Ion	Ratio	Lower	Upper
276	100		
138	20.1	17.1	25.7
277	24.7	21.4	32.0