Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001097.D
Acq On : 03 May 2018 08:58
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: May 04 07:29:10 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 03 08:25:51 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	146605	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	614106	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	297844	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.01	188	543952	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	486989	20.00	ng/ul	0.00
22) Perylene-d12	23.42	264	513990	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	598076	20.91	ng/ul	0.00
10) Fluorene-d10	15.26	176	376216	19.70	ng/ul	0.00
14) Anthracene-d10	17.10	188	516971	20.78	ng/ul	0.00
18) Pyrene-d10	19.41	212	505245	20.25	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.28	264	505791	20.83	ng/ul	0.01
Target Compounds						Qvalue
3) Naphthalene	10.44	128	628605	20.310	ng/ul	99
4) 2-Methylnaphthalene	12.06	142	412643	19.983	ng/ul	98
5) 1-Methylnaphthalene	12.28	142	402172	19.856	ng/ul#	94
8) Acenaphthylene	13.97	152	583374	20.606	ng/ul	99
9) Acenaphthene	14.32	153	396332	20.261	ng/ul	97
11) Fluorene	15.31	166	419145	20.129	ng/ul	94
13) Phenanthrene	17.05	178	594142	20.027	ng/ul	99
15) Anthracene	17.14	178	612406	20.580	ng/ul	99
16) Fluoranthene	19.07	202	629844	20.925	ng/ul#	92
19) Pyrene	19.44	202	622563	19.903	ng/ul#	89
20) Benzo(a)anthracene	21.20	228	595234	20.447	ng/ul	99
21) Chrysene	21.26	228	549234	20.073	ng/ul	99
23) Benzo(b)fluoranthene	22.76	252	571019	19.549	ng/ul#	97
24) Benzo(k)fluoranthene	22.81	252	561762	19.654	ng/ul#	97
26) Benzo(a)pyrene	23.33	252	571195	20.461	ng/ul#	97
27) Indeno(1,2,3-cd)pyrene	25.62	276	685708	20.337	ng/ul#	83
28) Dibenzo(a,h)anthracene	25.63	278	571083	20.322	ng/ul	97
29) Benzo(g,h,i)perylene	26.29	276	573220	20.327	ng/ul#	94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001097.D
Acq On : 03 May 2018 08:58
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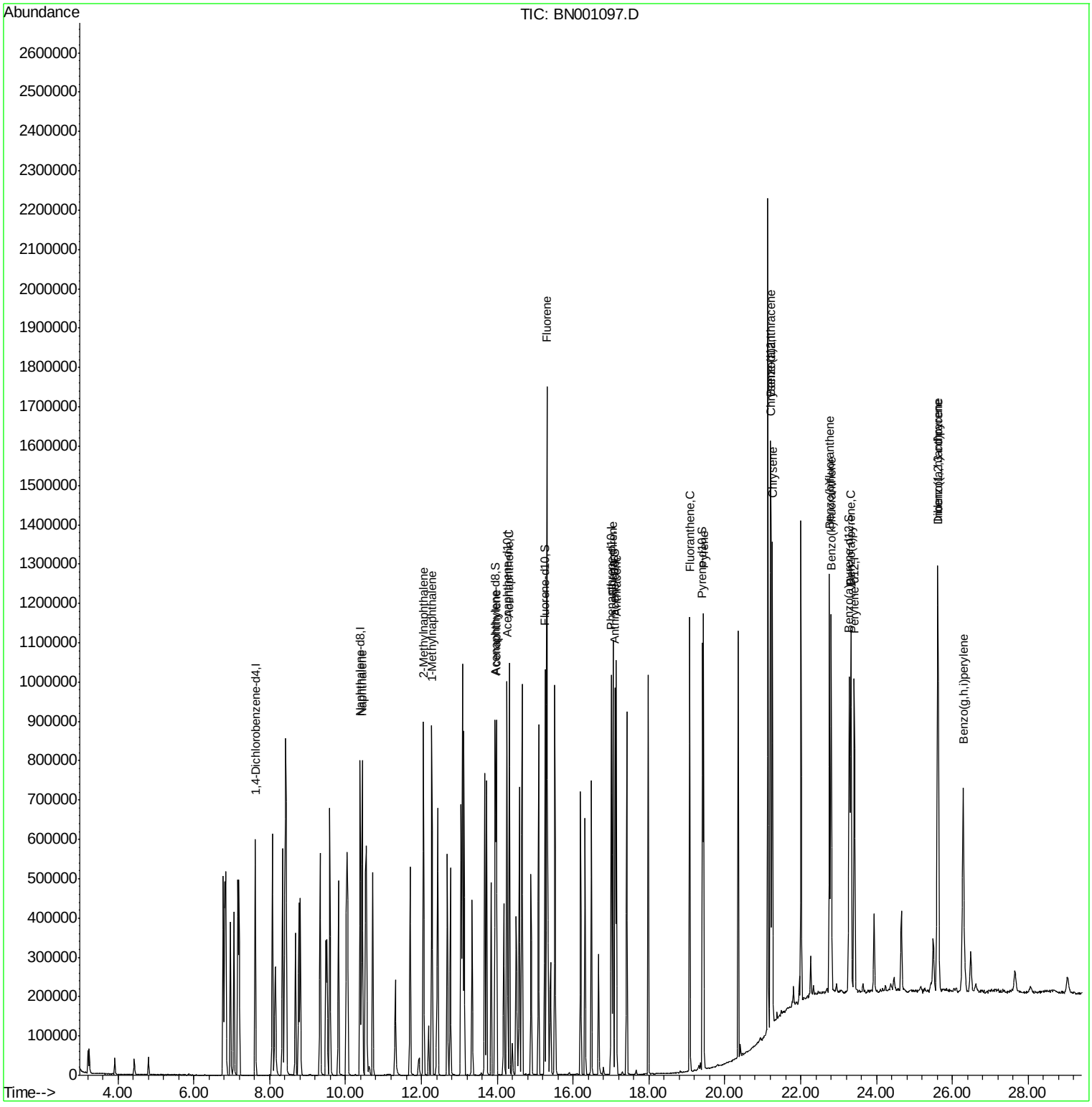
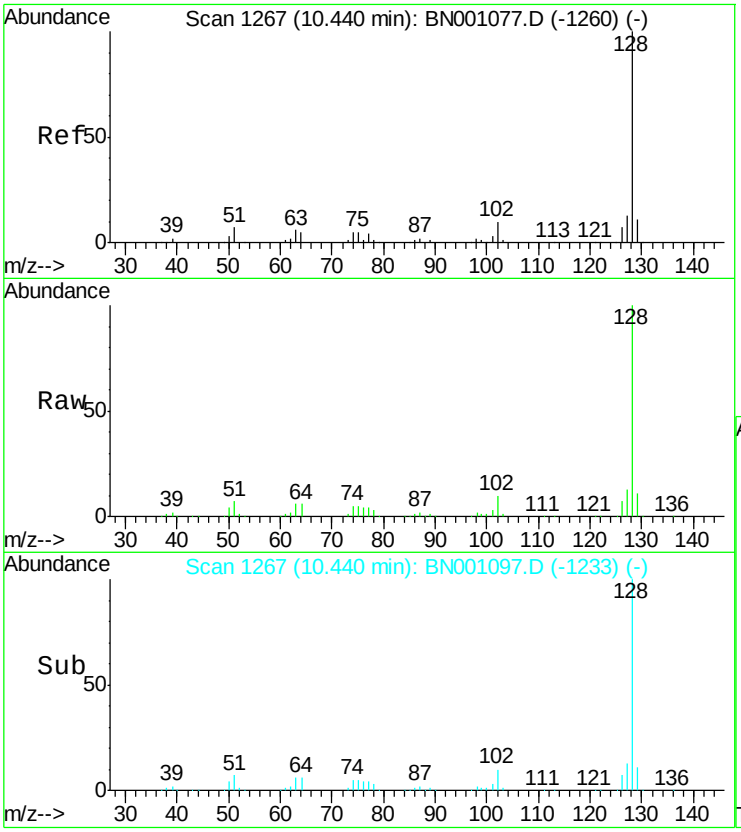
Instrument :
BNA_N
ClientSampleId :

Quant Time: May 04 07:29:10 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 03 08:25:51 2018
Response via : Initial Calibration



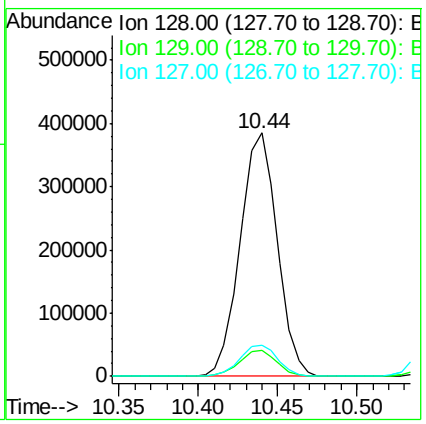


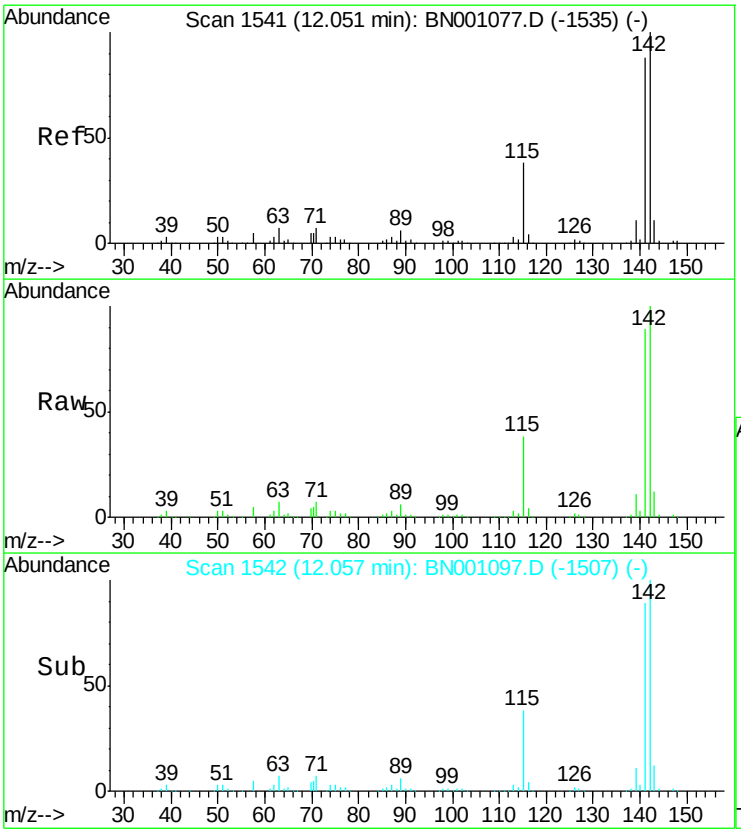
#3
Naphthalene
Concen: 20.310 ng/ul
RT: 10.44 min Scan# 1267
Delta R.T. -0.00 min
Lab File: BN001097.D
Acq: 03 May 2018 08:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 628605

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.7	13.1
127	13.0	10.6	16.0

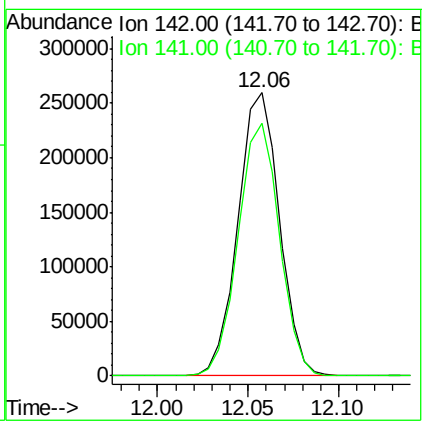


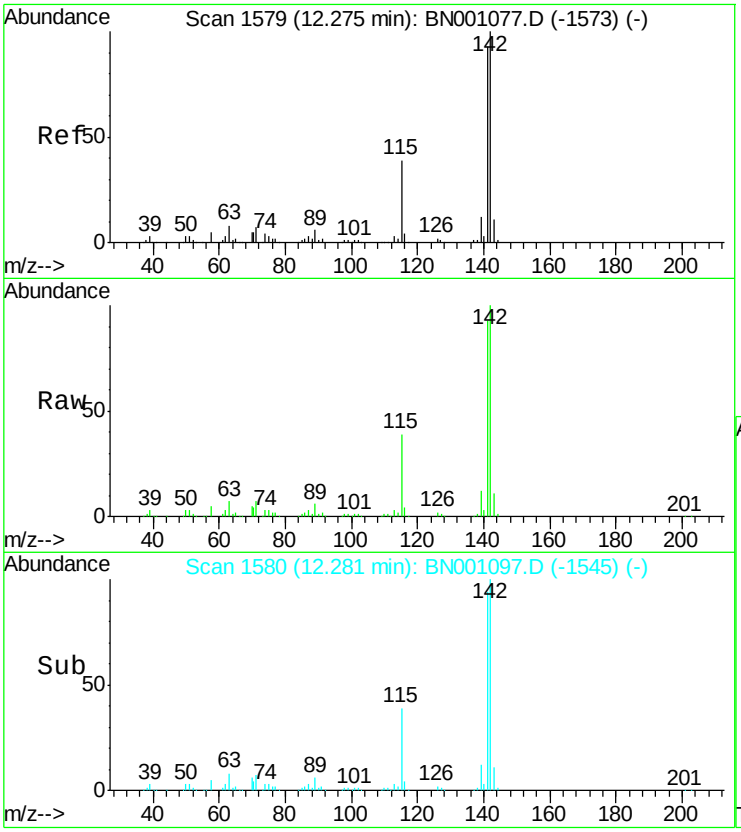


#4
2-Methylnaphthalene
Concen: 19.983 ng/ul
RT: 12.06 min Scan# 1542
Delta R.T. 0.01 min
Lab File: BN001097.D
Acq: 03 May 2018 08:58

Tgt Ion:142 Resp: 412643

Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.7	109.1



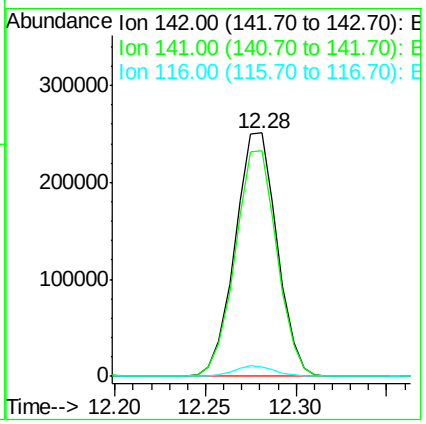


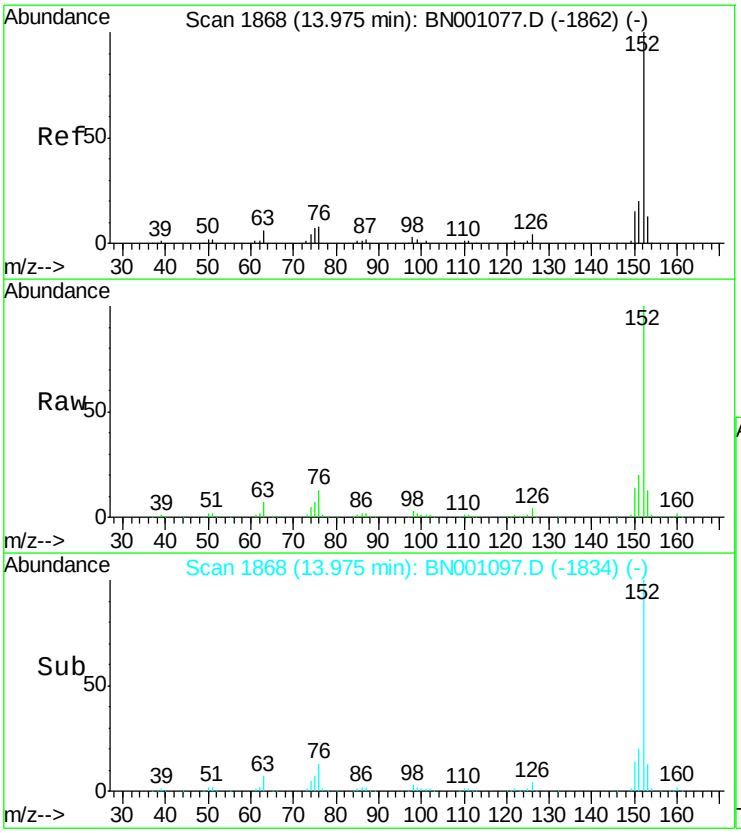
#5
1-Methylnaphthalene
Concen: 19.856 ng/ul
RT: 12.28 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BN001097.D
Acq: 03 May 2018 08:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 402172

Ion	Ratio	Lower	Upper
142	100		
141	92.8	79.3	118.9
116	4.0	4.2	6.2#

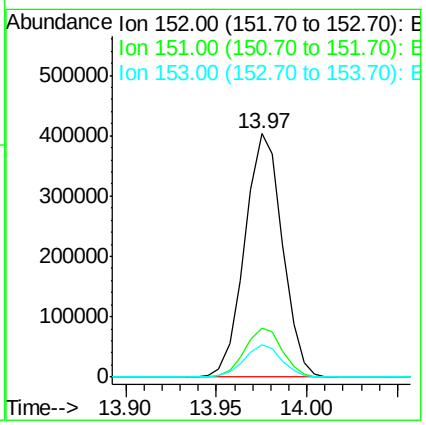


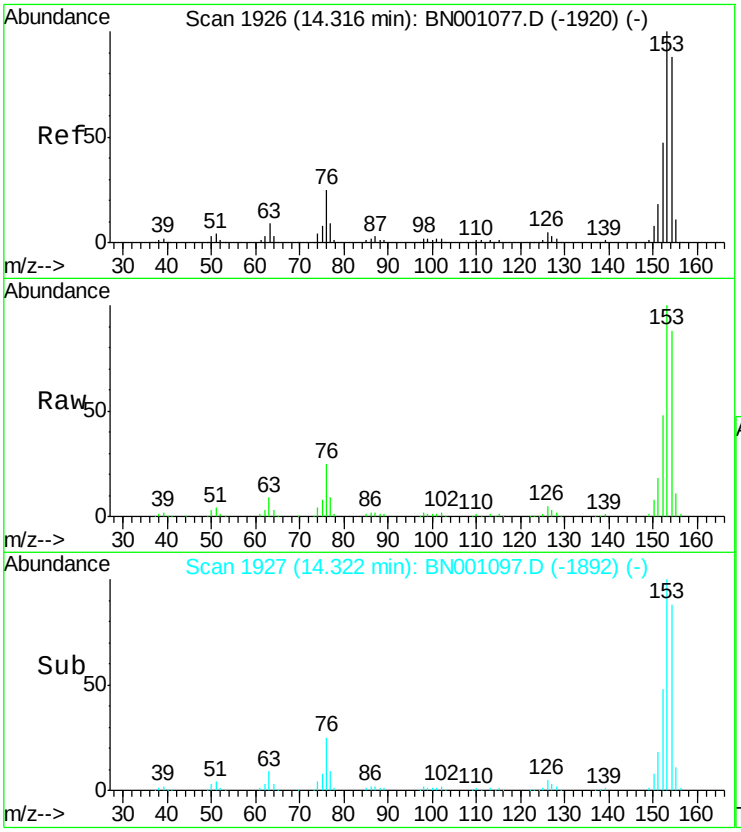


#8
Acenaphthylene
Concen: 20.606 ng/ul
RT: 13.97 min Scan# 1868
Delta R.T. -0.00 min
Lab File: BN001097.D
Acq: 03 May 2018 08:58

Tgt Ion:152 Resp: 583374

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.7	25.1
153	13.2	10.2	15.4



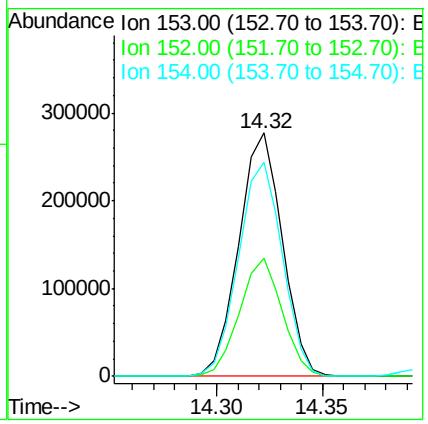


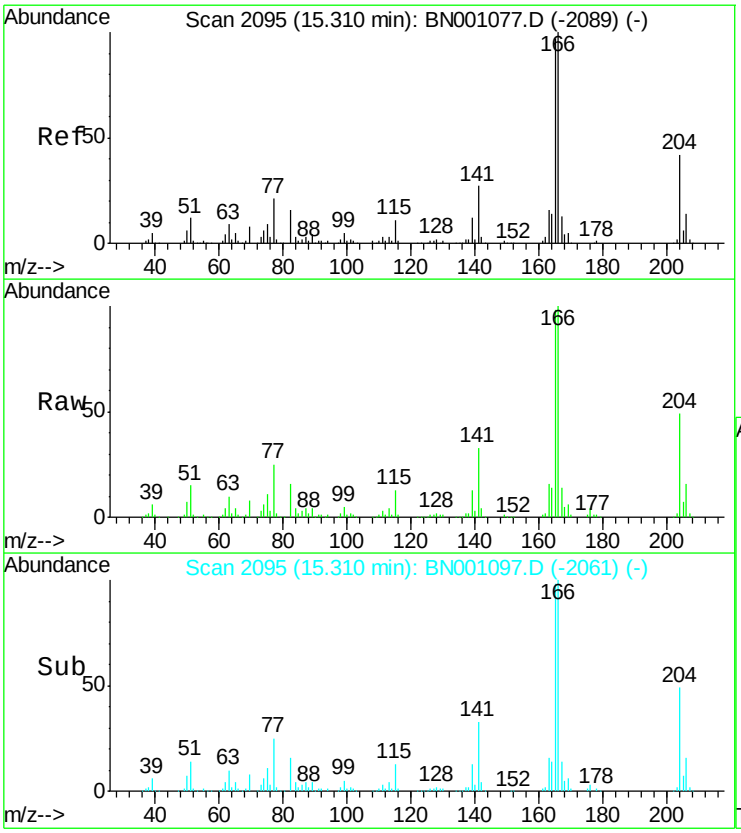
#9
Acenaphthene
Concen: 20.261 ng/ul
RT: 14.32 min Scan# 1927
Delta R.T. 0.01 min
Lab File: BN001097.D
Acq: 03 May 2018 08:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:153 Resp: 396332

Ion	Ratio	Lower	Upper
153	100		
152	48.3	39.0	58.6
154	88.0	66.8	100.2

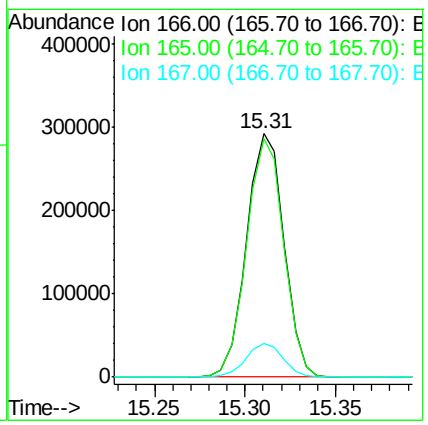


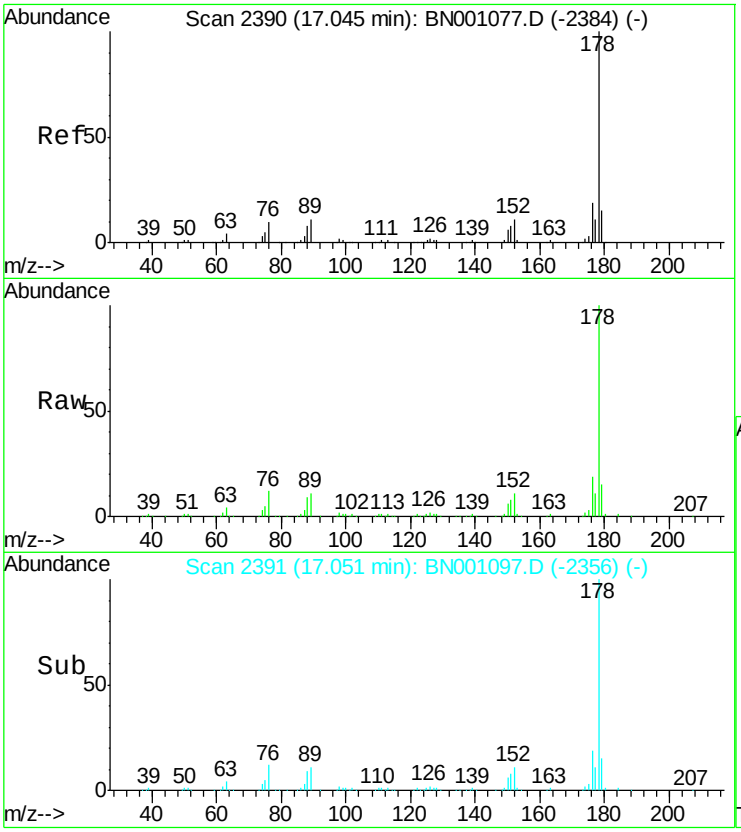


#11
Fluorene
Concen: 20.129 ng/ul
RT: 15.31 min Scan# 2095
Delta R.T. -0.00 min
Lab File: BN001097.D
Acq: 03 May 2018 08:58

Tgt Ion:166 Resp: 419145

Ion	Ratio	Lower	Upper
166	100		
165	98.1	83.8	125.8
167	13.8	11.5	17.3



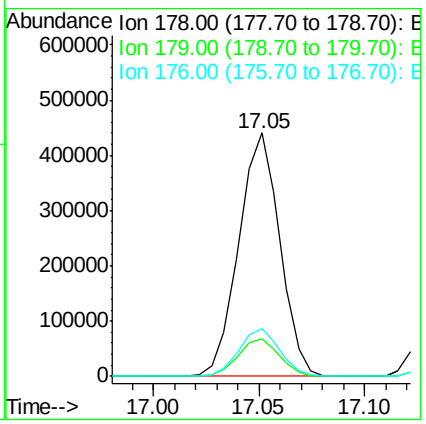


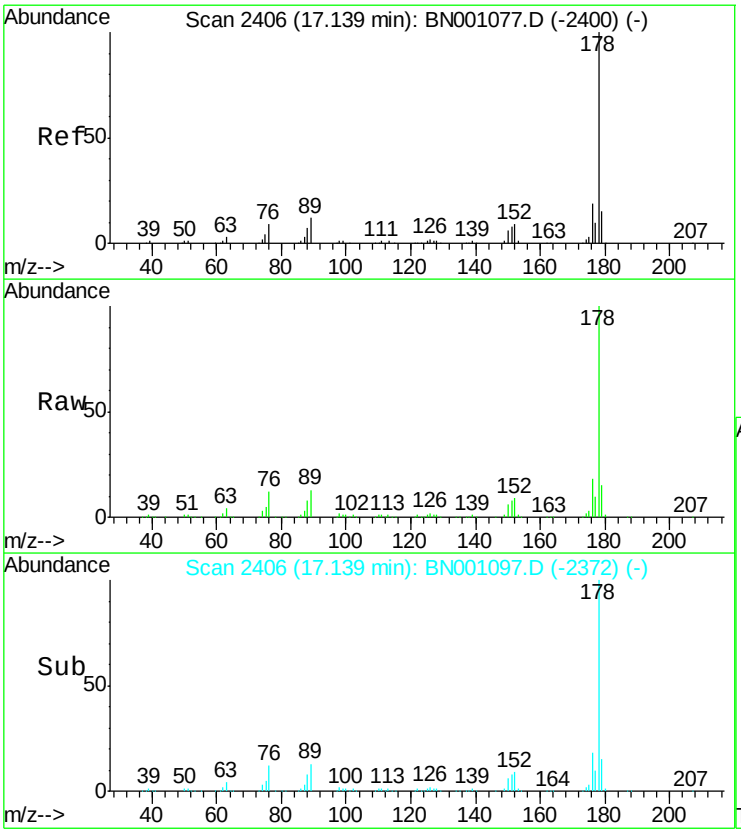
#13
Phenanthrene
Concen: 20.027 ng/ul
RT: 17.05 min Scan# 2391
Delta R.T. 0.01 min
Lab File: BN001097.D
Acq: 03 May 2018 08:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 594142

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	19.4	15.1	22.7

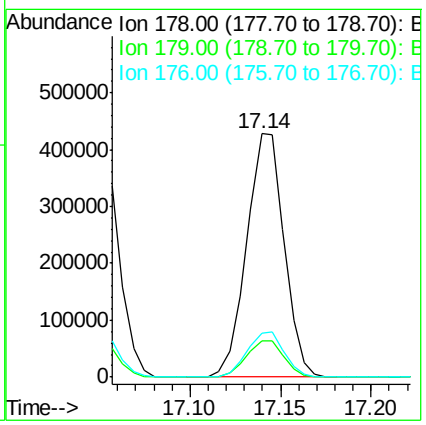


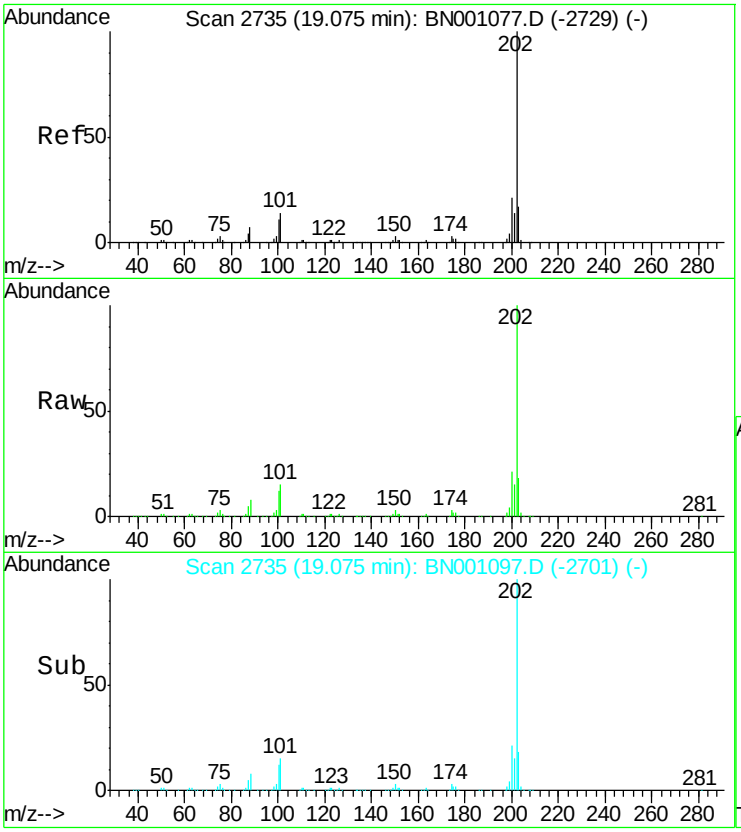


#15
Anthracene
Concen: 20.580 ng/ul
RT: 17.14 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BN001097.D
Acq: 03 May 2018 08:58

Tgt Ion:178 Resp: 612406

Ion	Ratio	Lower	Upper
178	100		
179	15.0	11.8	17.8
176	18.2	15.2	22.8



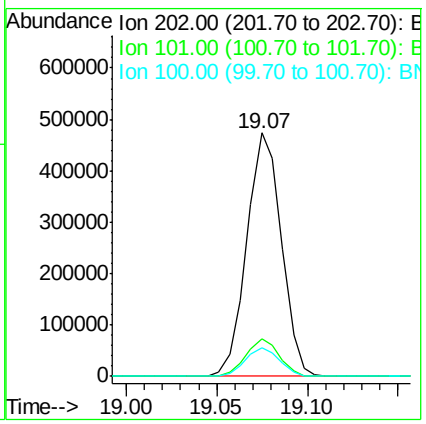


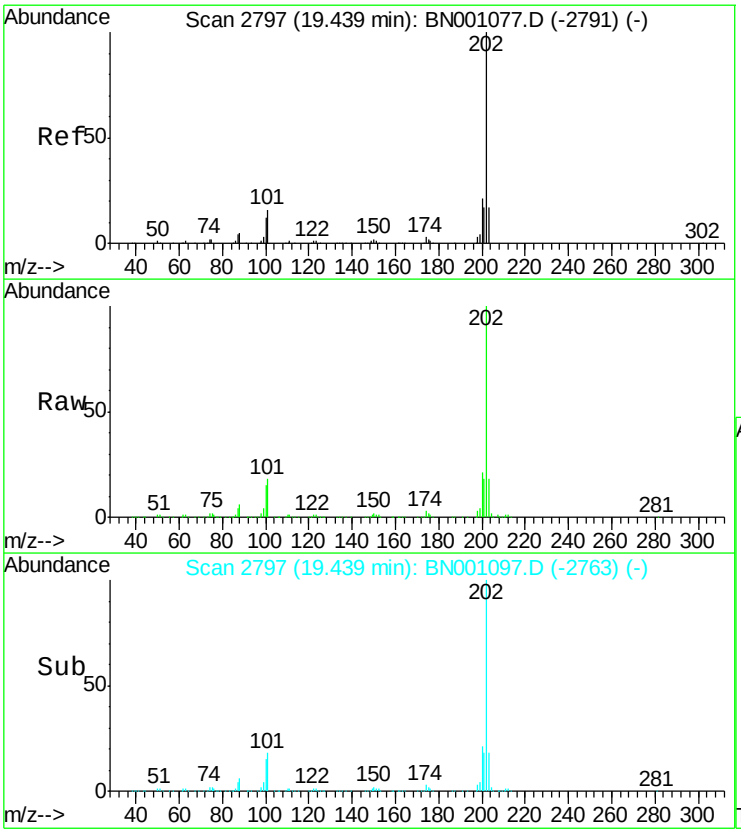
#16
Fluoranthene
Concen: 20.925 ng/ul
RT: 19.07 min Scan# 2735
Delta R.T. -0.00 min
Lab File: BN001097.D
Acq: 03 May 2018 08:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 629844

Ion	Ratio	Lower	Upper
202	100		
101	15.4	9.9	14.9#
100	12.0	7.4	11.0#

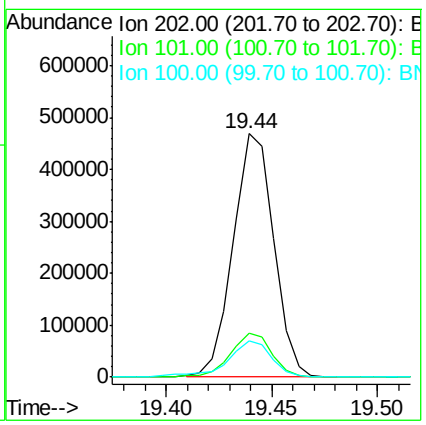


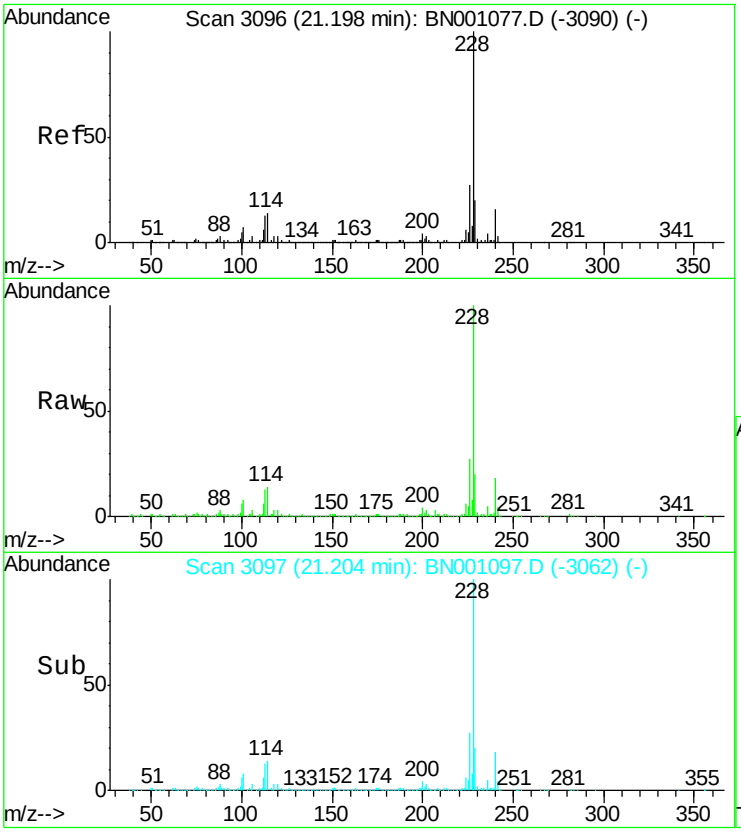


#19
Pyrene
Concen: 19.903 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. -0.00 min
Lab File: BN001097.D
Acq: 03 May 2018 08:58

Tgt Ion:202 Resp: 622563

Ion	Ratio	Lower	Upper
202	100		
101	18.0	11.0	16.4#
100	14.8	8.1	12.1#



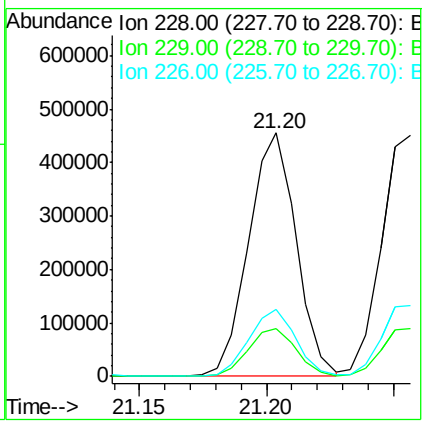


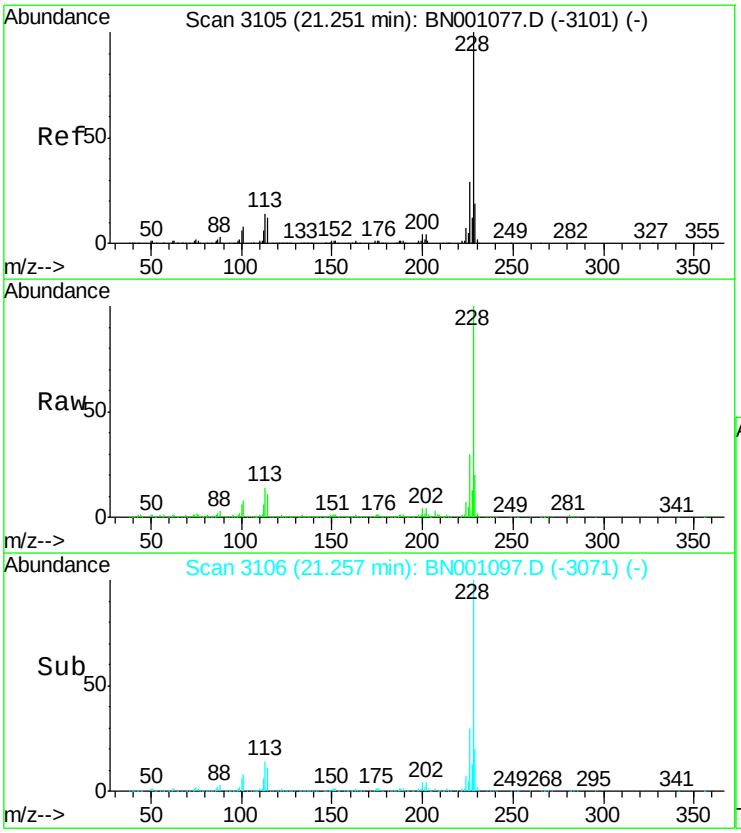
#20
Benzo(a)anthracene
Concen: 20.447 ng/ul
RT: 21.20 min Scan# 3097
Delta R.T. 0.01 min
Lab File: BN001097.D
Acq: 03 May 2018 08:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 595234

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.7	23.5
226	27.3	21.1	31.7

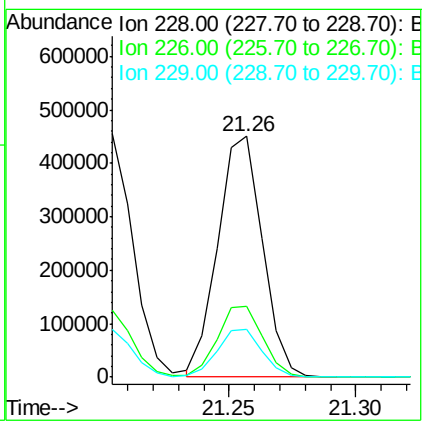


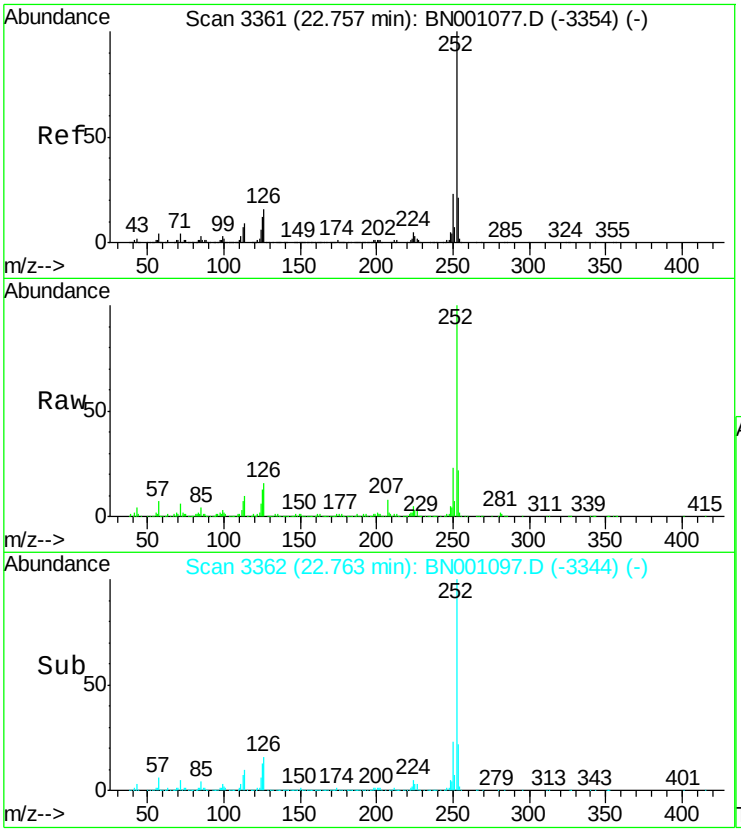


#21
Chrysene
Concen: 20.073 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. 0.01 min
Lab File: BN001097.D
Acq: 03 May 2018 08:58

Tgt Ion:228 Resp: 549234

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.5	36.7
229	19.7	15.8	23.8



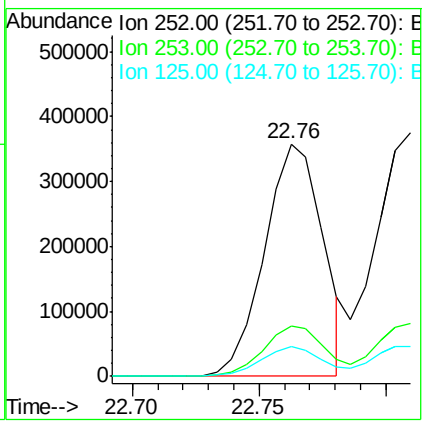


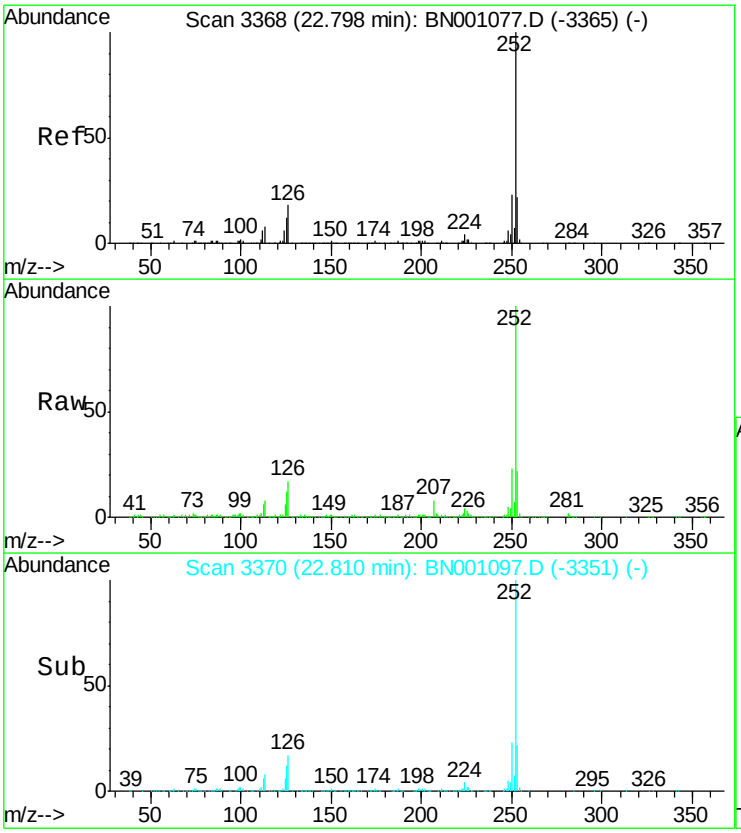
#23
Benzo(b)fluoranthene
Concen: 19.549 ng/ul
RT: 22.76 min Scan# 3362
Delta R.T. 0.01 min
Lab File: BN001097.D
Acq: 03 May 2018 08:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 571019

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	12.7	8.0	12.0#

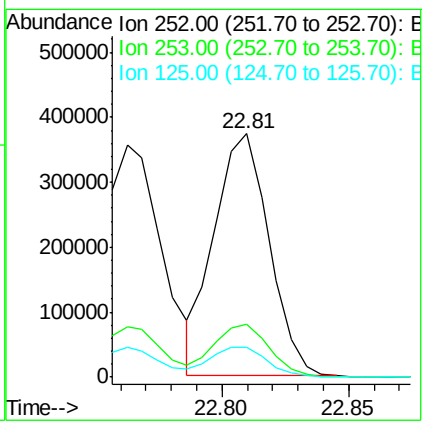


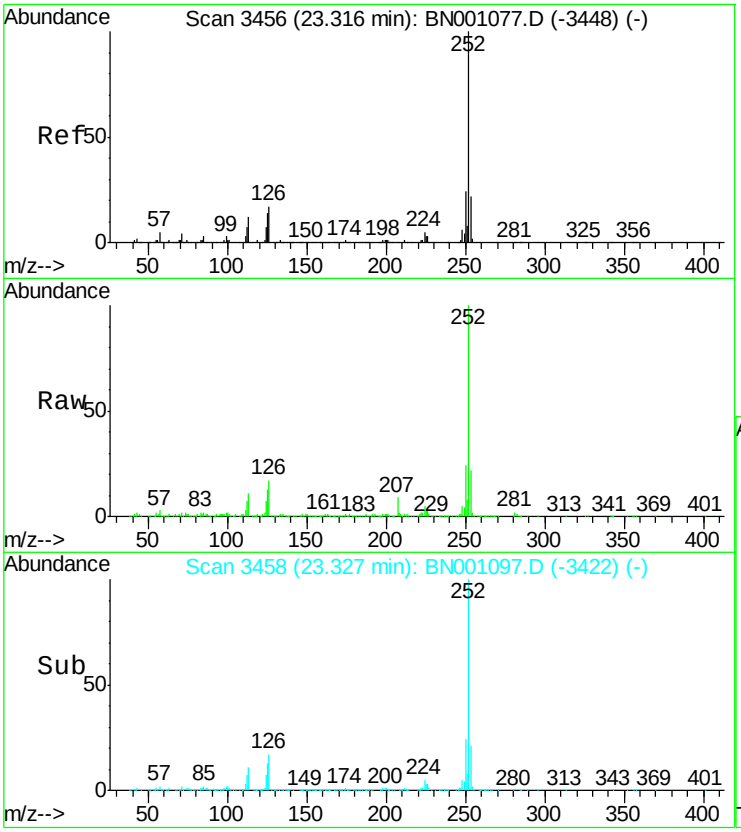


#24
Benzo(k)fluoranthene
Concen: 19.654 ng/ul
RT: 22.81 min Scan# 3370
Delta R.T. 0.01 min
Lab File: BN001097.D
Acq: 03 May 2018 08:58

Tgt Ion:252 Resp: 561762

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	12.2	8.1	12.1#



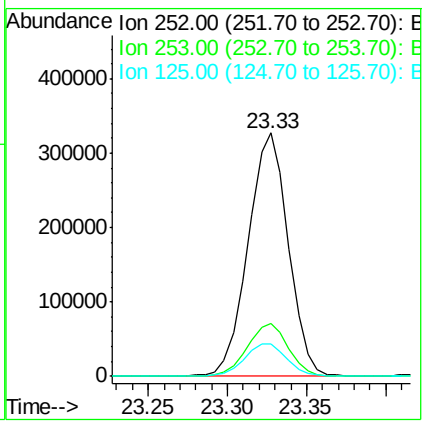


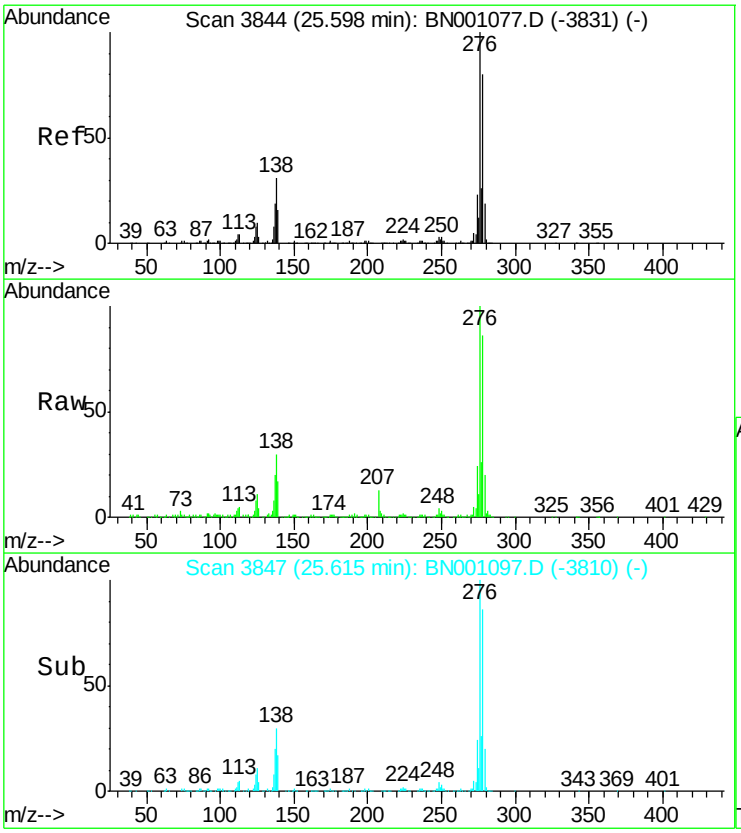
#26
Benzo(a)pyrene
Concen: 20.461 ng/ul
RT: 23.33 min Scan# 3458
Delta R.T. 0.01 min
Lab File: BN001097.D
Acq: 03 May 2018 08:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 571195

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	13.3	8.2	12.4#

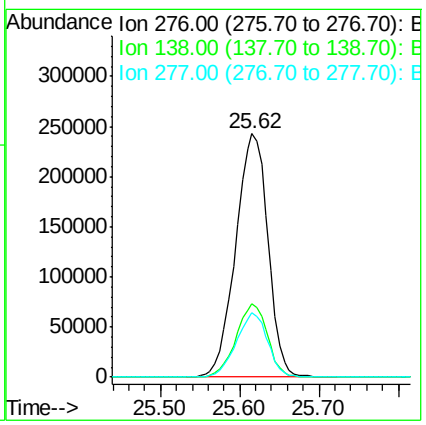


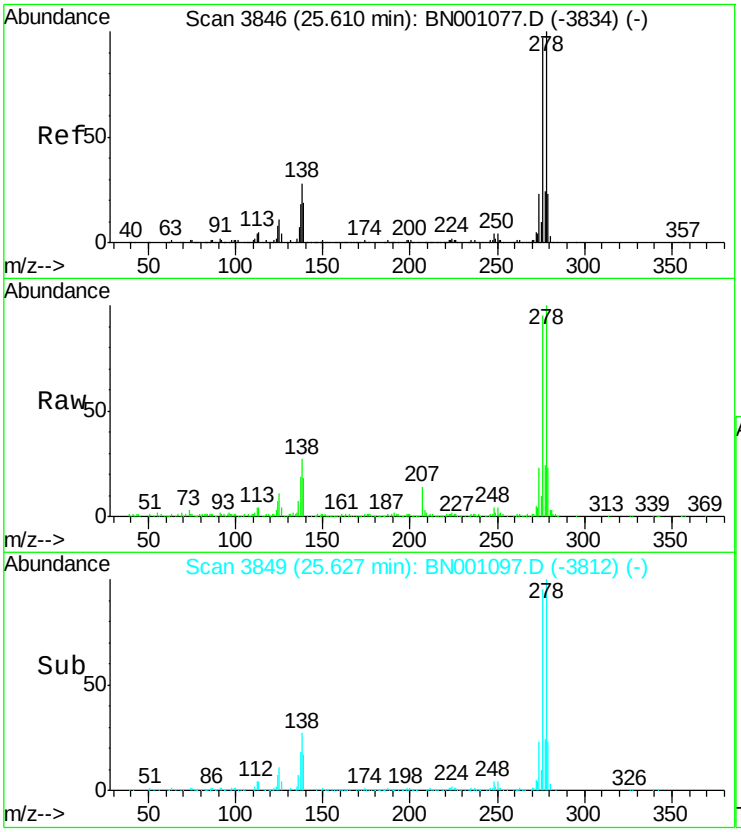


#27
Indeno(1,2,3-cd)pyrene
Concen: 20.337 ng/ul
RT: 25.62 min Scan# 3847
Delta R.T. 0.02 min
Lab File: BN001097.D
Acq: 03 May 2018 08:58

Tgt Ion:276 Resp: 685708

Ion	Ratio	Lower	Upper
276	100		
138	30.1	14.4	21.6#
277	26.3	18.0	27.0



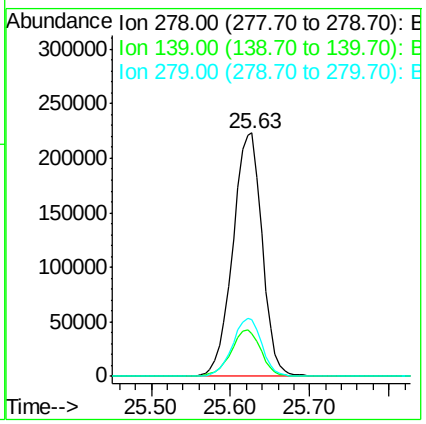


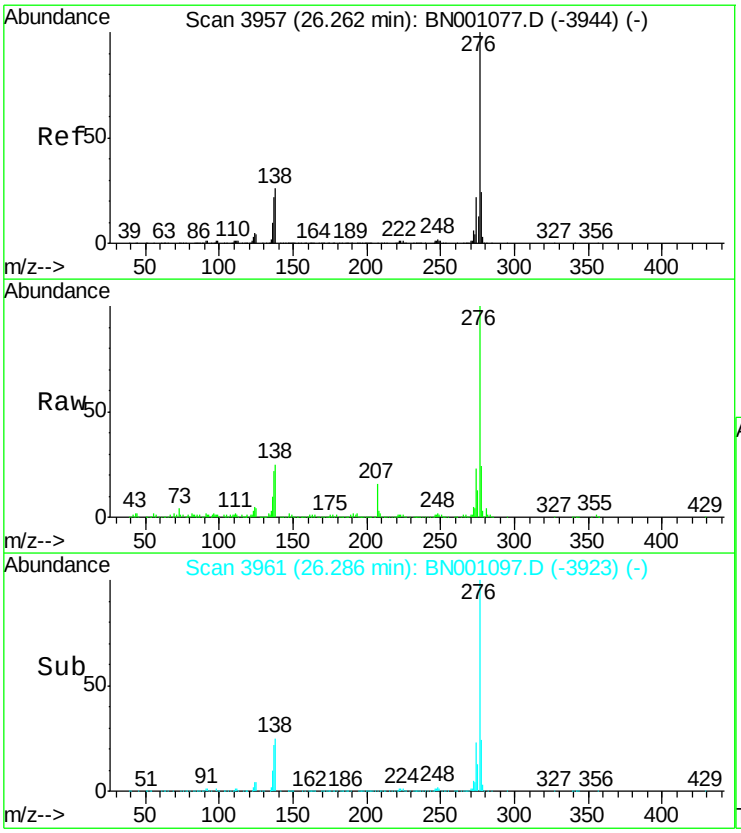
#28
Dibenzo(a,h)anthracene
Concen: 20.322 ng/ul
RT: 25.63 min Scan# 3849
Delta R.T. 0.02 min
Lab File: BN001097.D
Acq: 03 May 2018 08:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 571083

Ion	Ratio	Lower	Upper
278	100		
139	17.6	12.2	18.4
279	23.4	19.2	28.8





#29
Benzo(g,h,i)perylene
Concen: 20.327 ng/ul
RT: 26.29 min Scan# 3961
Delta R.T. 0.02 min
Lab File: BN001097.D
Acq: 03 May 2018 08:58

Tgt Ion:276 Resp: 573220

Ion	Ratio	Lower	Upper
276	100		
138	24.8	15.3	22.9#
277	24.1	19.0	28.4