Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
Data File : BN000435.D
Acq On : 16 Mar 2018 02:23
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 16 06:53:55 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 16 06:47:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	222385	20.00	ng/ul	0.00
2) Naphthalene-d8	11.30	136	1029526	20.00	ng/ul	0.01
6) Acenaphthene-d10	15.07	164	559352	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.80	188	1161868	20.00	ng/ul	0.01
17) Chrysene-d12	21.92	240	924037	20.00	ng/ul	0.01
22) Perylene-d12	24.42	264	860966	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	14.77	160	1131883	20.39	ng/ul	0.00
10) Fluorene-d10	16.05	176	735894	19.57	ng/ul	0.00
14) Anthracene-d10	17.90	188	1077647	19.85	ng/ul	0.00
18) Pyrene-d10	20.15	212	1040838	23.02	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.26	264	791754	20.14	ng/ul	0.02
Target Compounds						Qvalue
3) Naphthalene	11.35	128	1049780	19.323	ng/ul	100
4) 2-Methylnaphthalene	12.93	142	717424	18.759	ng/ul	97
5) 1-Methylnaphthalene	13.14	142	719285	18.741	ng/ul#	92
8) Acenaphthylene	14.80	152	1110202	19.900	ng/ul	98
9) Acenaphthene	15.14	153	756764	19.490	ng/ul	96
11) Fluorene	16.11	166	829201	19.362	ng/ul	94
13) Phenanthrene	17.84	178	1281919	19.239	ng/ul	99
15) Anthracene	17.93	178	1330575	19.680	ng/ul	99
16) Fluoranthene	19.82	202	1357953	18.862	ng/ul#	93
19) Pyrene	20.18	202	1326809	22.743	ng/ul#	88
20) Benzo(a)anthracene	21.90	228	1154745	20.102	ng/ul	98
21) Chrysene	21.96	228	1066672	19.567	ng/ul	99
23) Benzo(b)fluoranthene	23.65	252	1080409	21.044	ng/ul#	95
24) Benzo(k)fluoranthene	23.71	252	974610	20.280	ng/ul#	96
26) Benzo(a)pyrene	24.31	252	975430	19.963	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	27.01	276	1067175	20.256	ng/ul#	79
28) Dibenzo(a,h)anthracene	27.02	278	899407	20.828	ng/ul#	93
29) Benzo(g,h,i)perylene	27.81	276	890526	20.244	ng/ul#	90

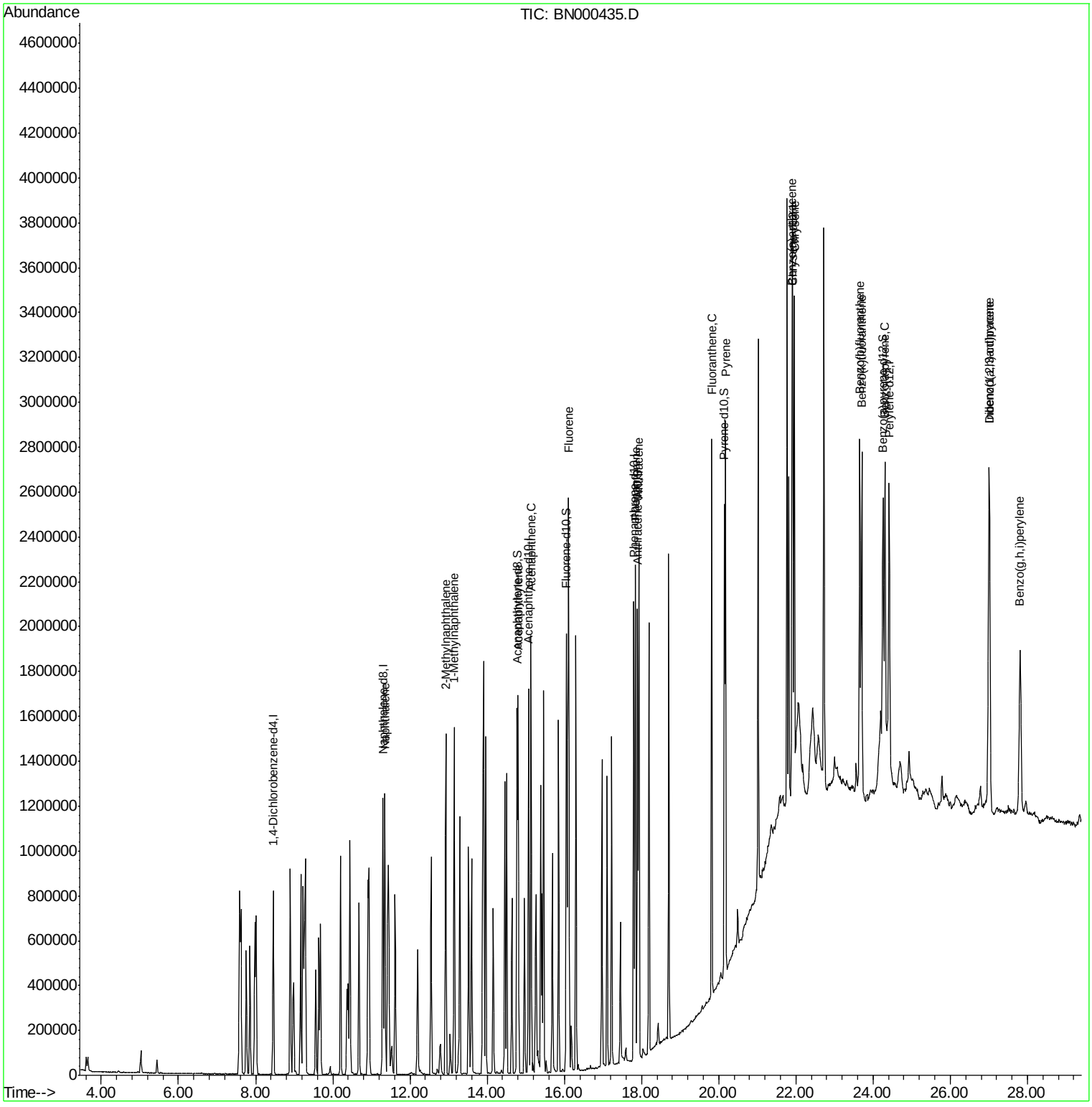
(#) = qualifier out of range (m) = manual integration (+) = signals summed

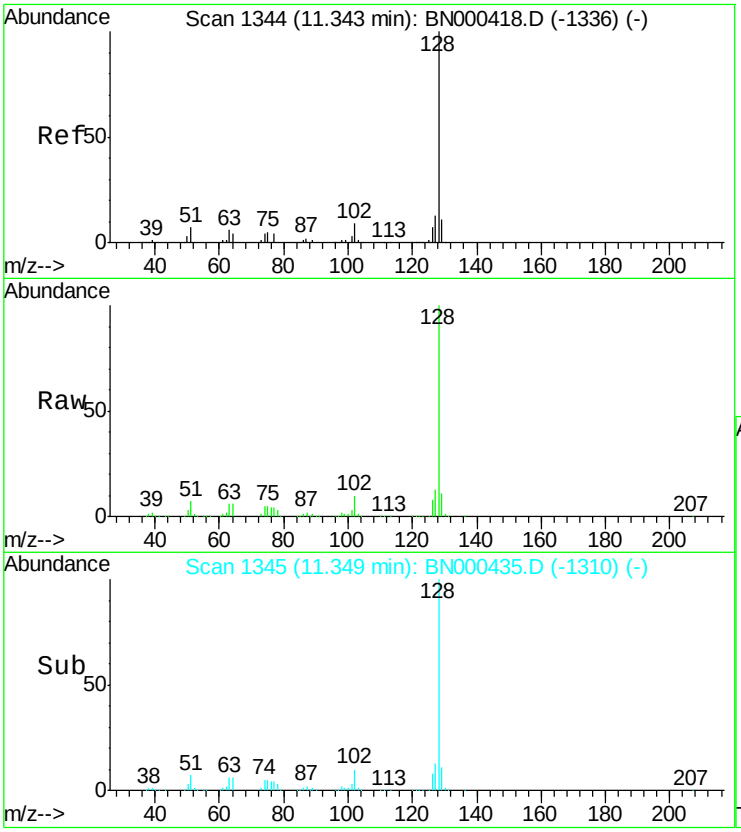
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
Data File : BN000435.D
Acq On : 16 Mar 2018 02:23
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 16 06:53:55 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 16 06:47:18 2018
Response via : Initial Calibration



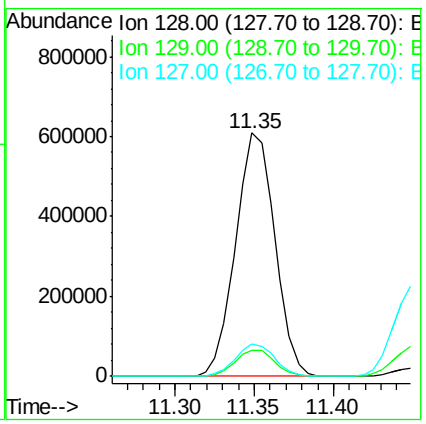


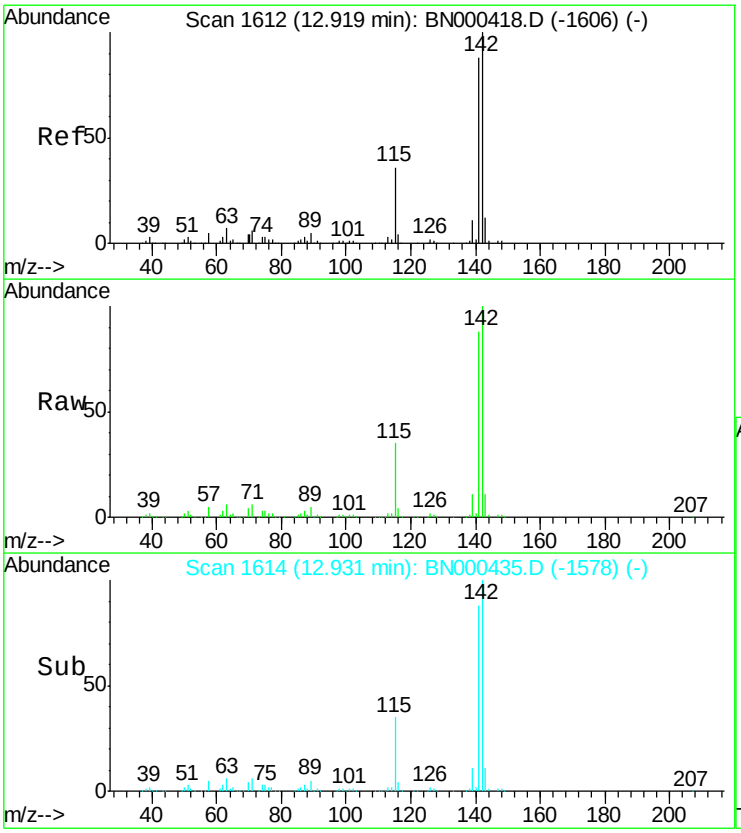
#3
Naphthalene
Concen: 19.323 ng/ul
RT: 11.35 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BN000435.D
Acq: 16 Mar 2018 02:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 1049780

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.4	10.6	16.0

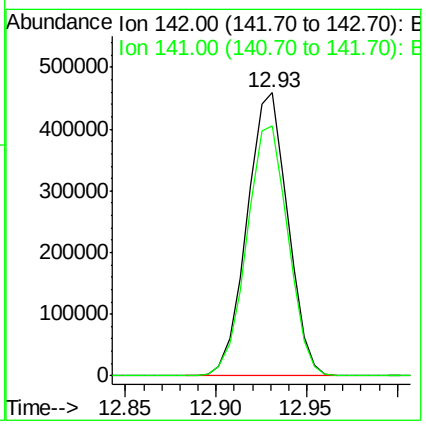


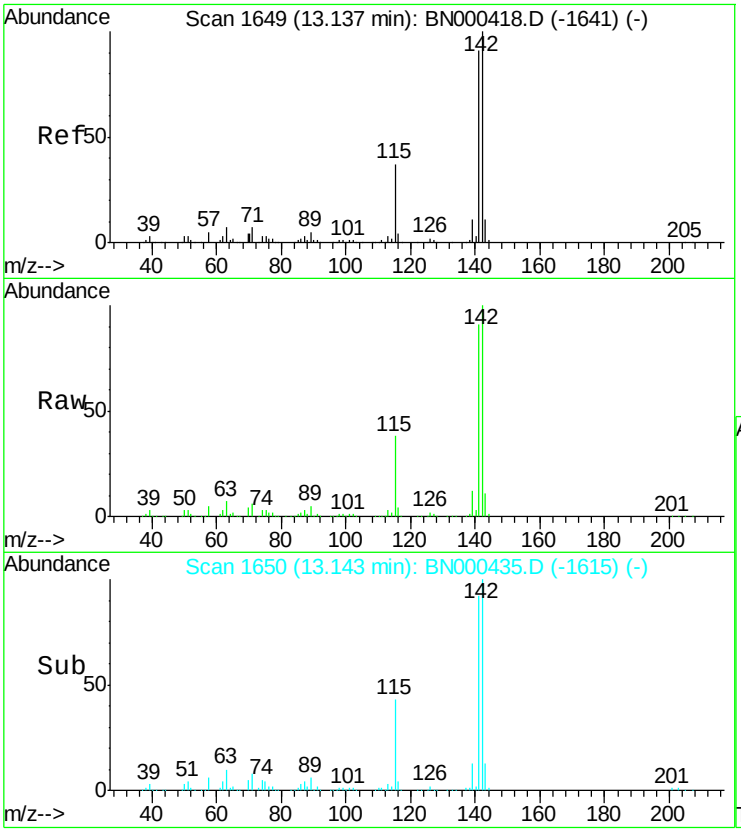


#4
2-Methylnaphthalene
Concen: 18.759 ng/ul
RT: 12.93 min Scan# 1614
Delta R.T. 0.01 min
Lab File: BN000435.D
Acq: 16 Mar 2018 02:23

Tgt Ion:142 Resp: 717424

Ion	Ratio	Lower	Upper
142	100		
141	88.1	72.7	109.1



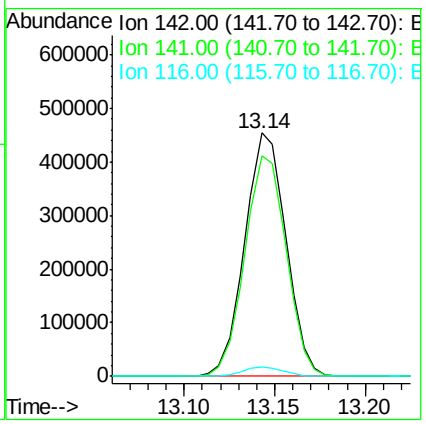


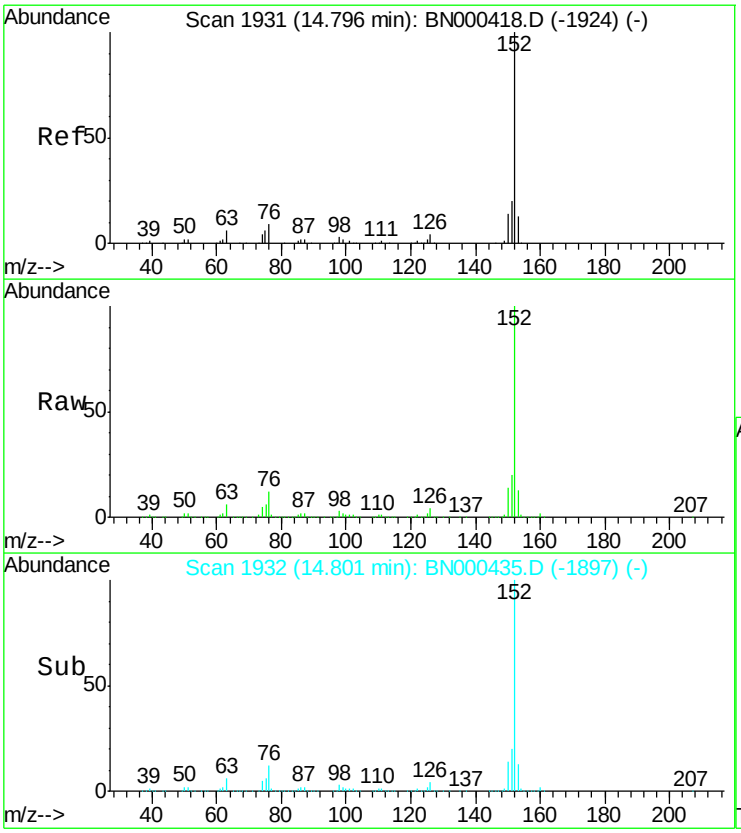
#5
1-Methylnaphthalene
Concen: 18.741 ng/ul
RT: 13.14 min Scan# 1650
Delta R.T. 0.01 min
Lab File: BN000435.D
Acq: 16 Mar 2018 02:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 719285

Ion	Ratio	Lower	Upper
142	100		
141	90.5	79.3	118.9
116	3.8	4.2	6.2#

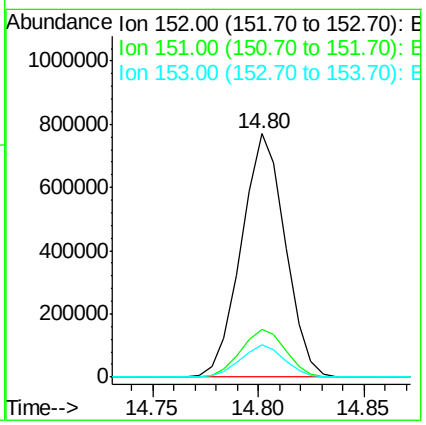


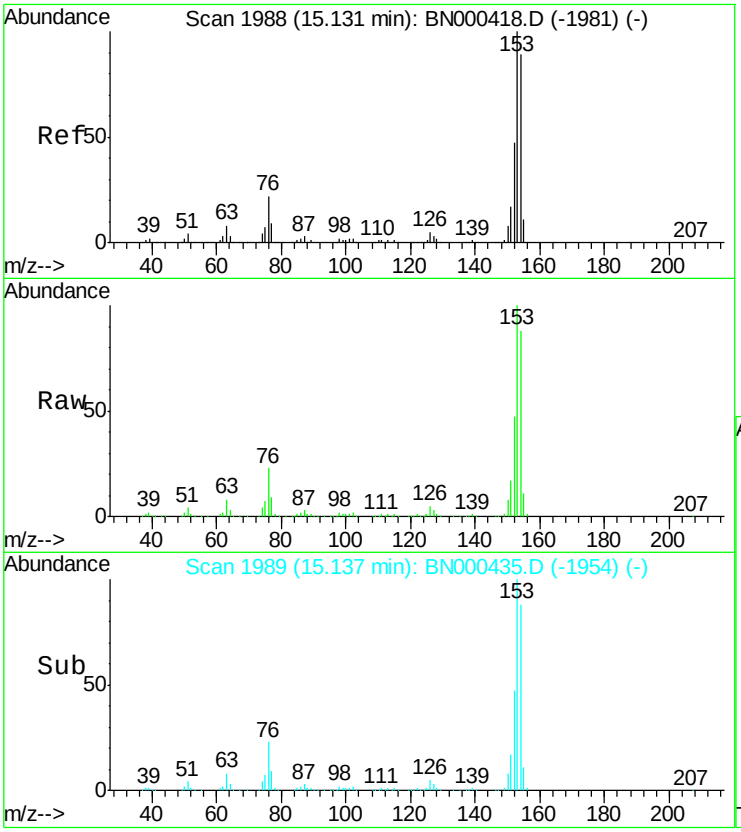


#8
Acenaphthylene
Concen: 19.900 ng/ul
RT: 14.80 min Scan# 1932
Delta R.T. 0.01 min
Lab File: BN000435.D
Acq: 16 Mar 2018 02:23

Tgt Ion:152 Resp: 1110202

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.7	25.1
153	13.2	10.2	15.4



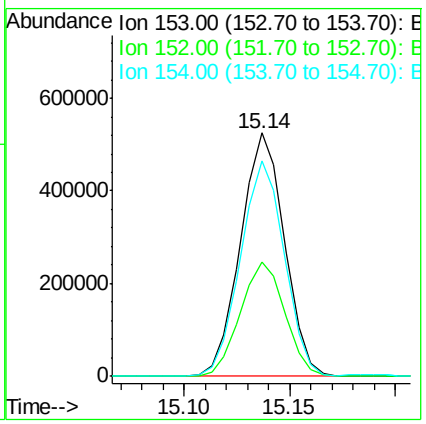


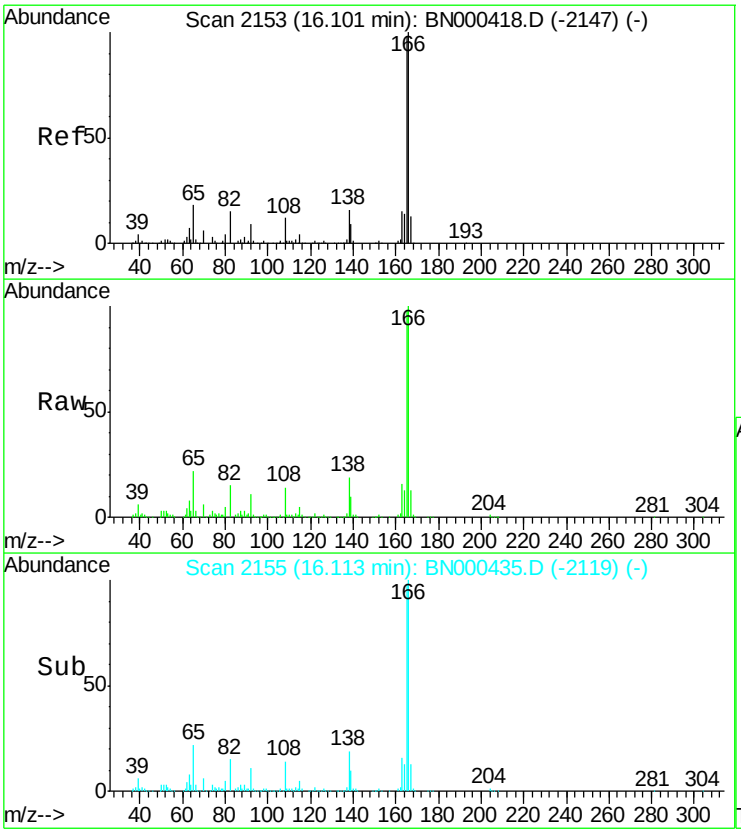
#9
Acenaphthene
Concen: 19.490 ng/ul
RT: 15.14 min Scan# 1989
Delta R.T. 0.01 min
Lab File: BN000435.D
Acq: 16 Mar 2018 02:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:153 Resp: 756764

Ion	Ratio	Lower	Upper
153	100		
152	47.0	39.0	58.6
154	88.3	66.8	100.2

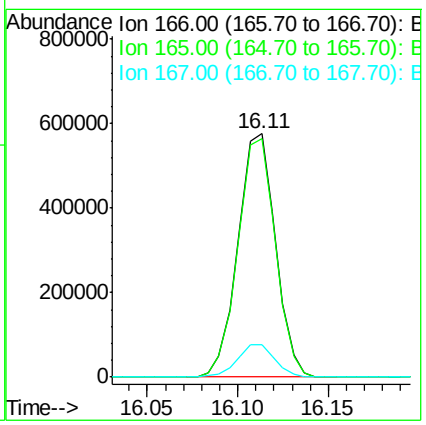


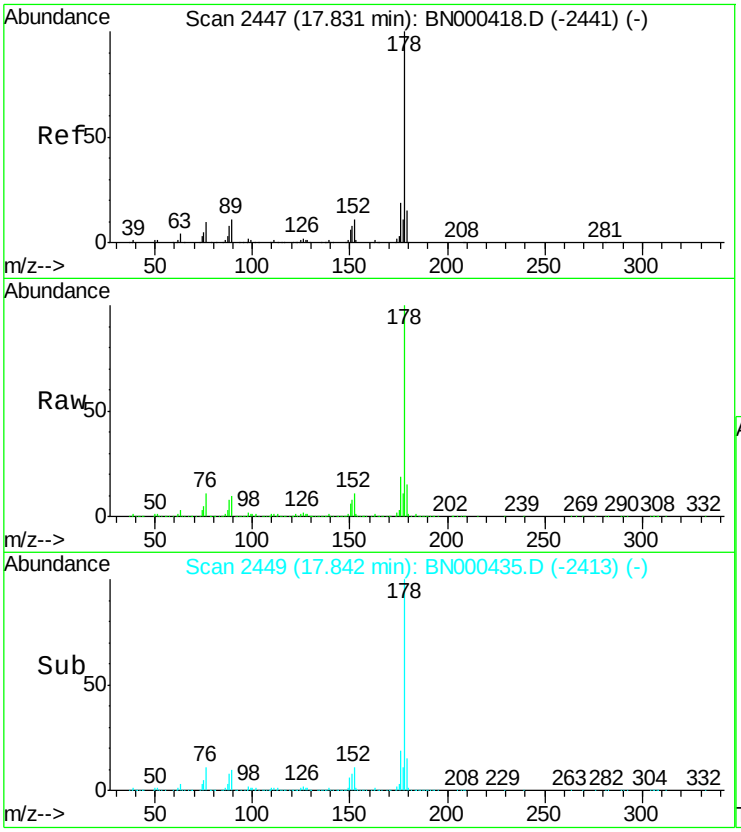


#11
Fluorene
Concen: 19.362 ng/ul
RT: 16.11 min Scan# 2155
Delta R.T. 0.01 min
Lab File: BN000435.D
Acq: 16 Mar 2018 02:23

Tgt Ion:166 Resp: 829201

Ion	Ratio	Lower	Upper
166	100		
165	97.8	83.8	125.8
167	13.1	11.5	17.3



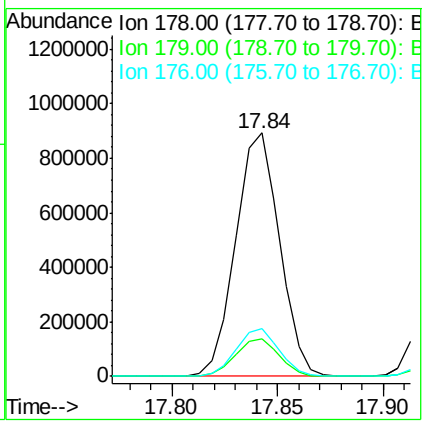


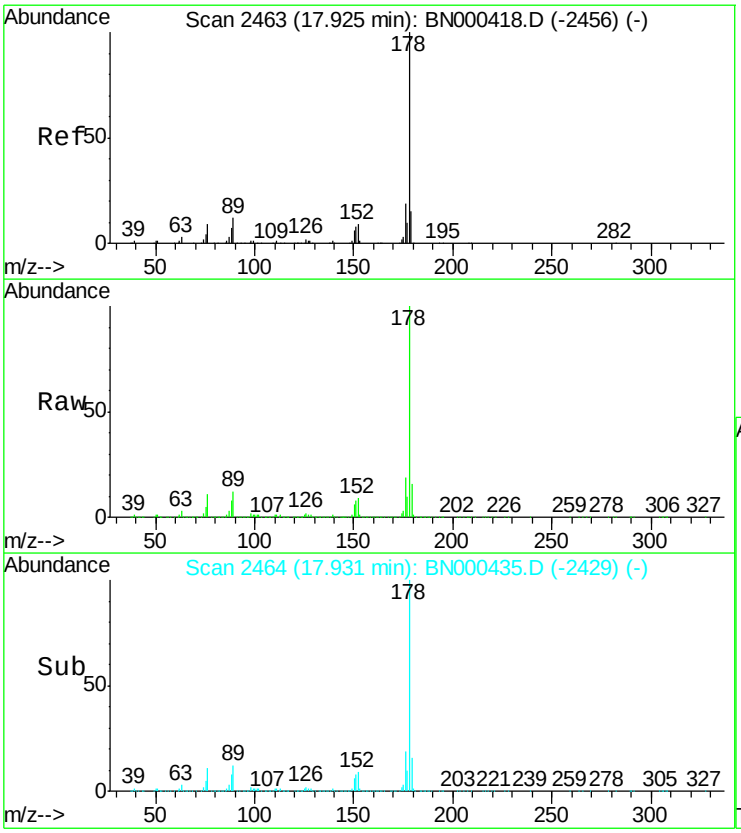
#13
Phenanthrene
Concen: 19.239 ng/ul
RT: 17.84 min Scan# 2449
Delta R.T. 0.01 min
Lab File: BN000435.D
Acq: 16 Mar 2018 02:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 1281919

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

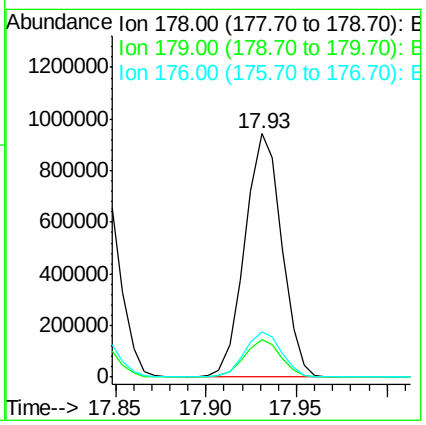


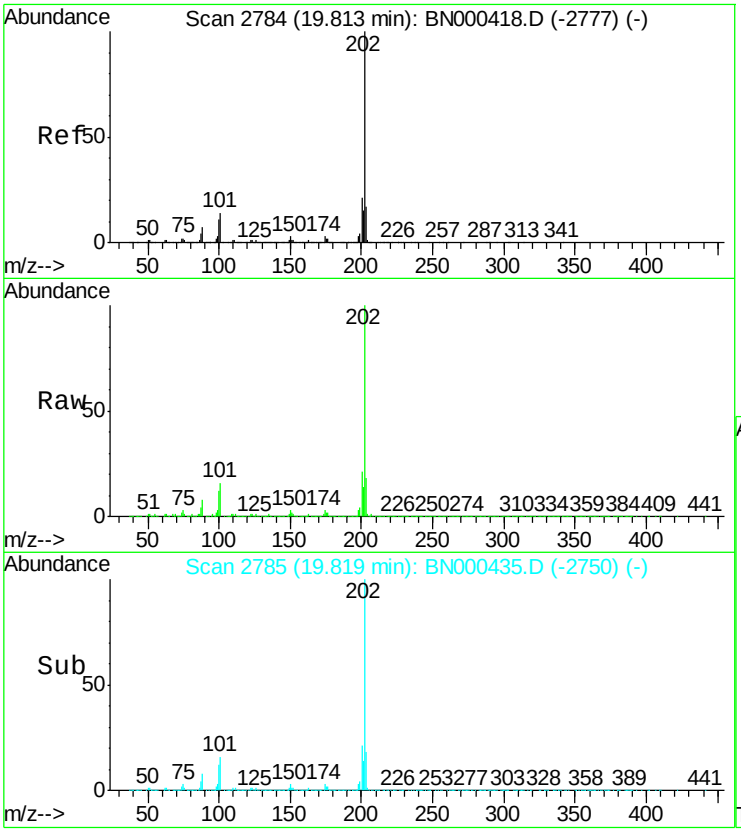


#15
Anthracene
Concen: 19.680 ng/ul
RT: 17.93 min Scan# 2464
Delta R.T. 0.01 min
Lab File: BN000435.D
Acq: 16 Mar 2018 02:23

Tgt Ion:178 Resp: 1330575

Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.8	17.8
176	18.6	15.2	22.8



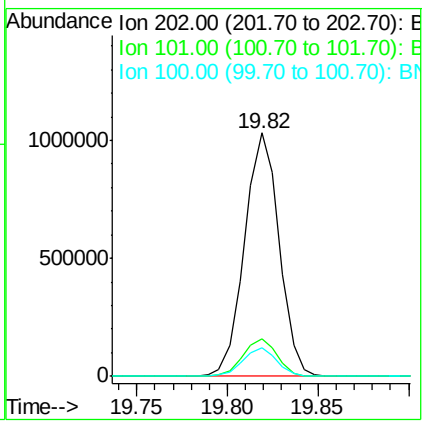


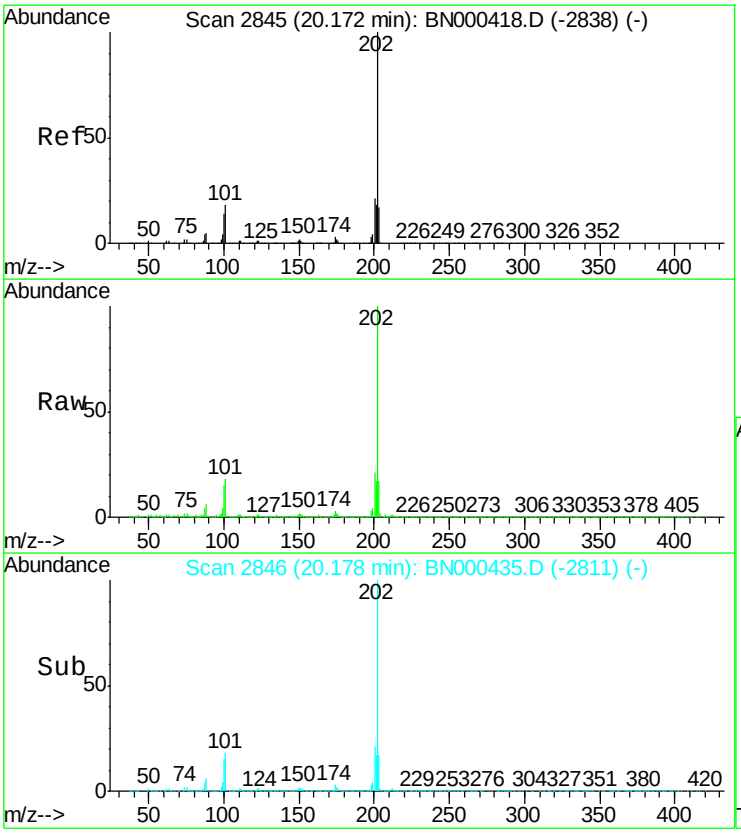
#16
Fluoranthene
Concen: 18.862 ng/ul
RT: 19.82 min Scan# 2785
Delta R.T. 0.01 min
Lab File: BN000435.D
Acq: 16 Mar 2018 02:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 1357953

Ion	Ratio	Lower	Upper
202	100		
101	15.5	9.9	14.9#
100	11.5	7.4	11.0#

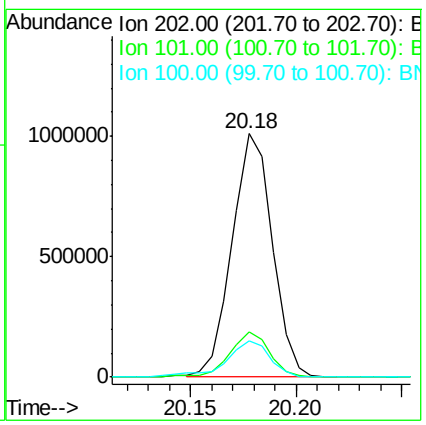


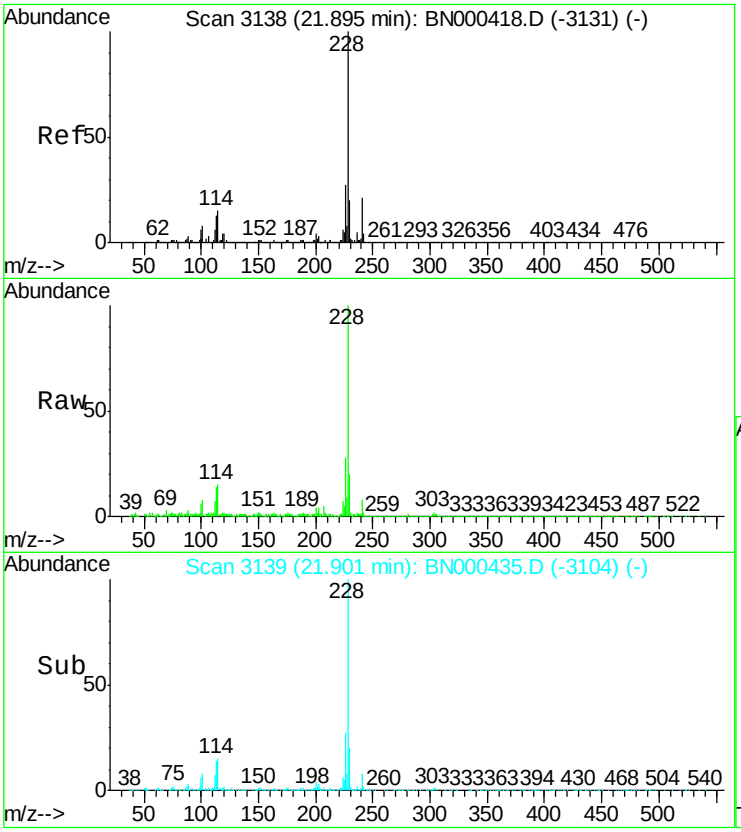


#19
Pyrene
Concen: 22.743 ng/ul
RT: 20.18 min Scan# 2846
Delta R.T. 0.01 min
Lab File: BN000435.D
Acq: 16 Mar 2018 02:23

Tgt Ion:202 Resp: 1326809

Ion	Ratio	Lower	Upper
202	100		
101	18.4	11.0	16.4#
100	15.1	8.1	12.1#



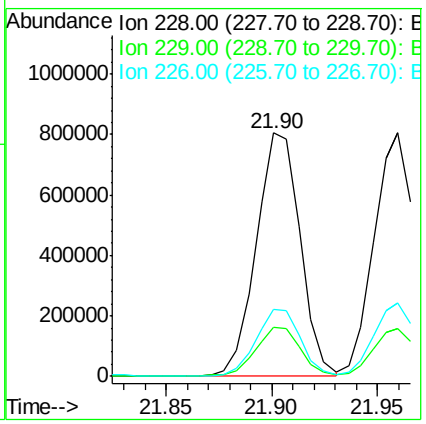


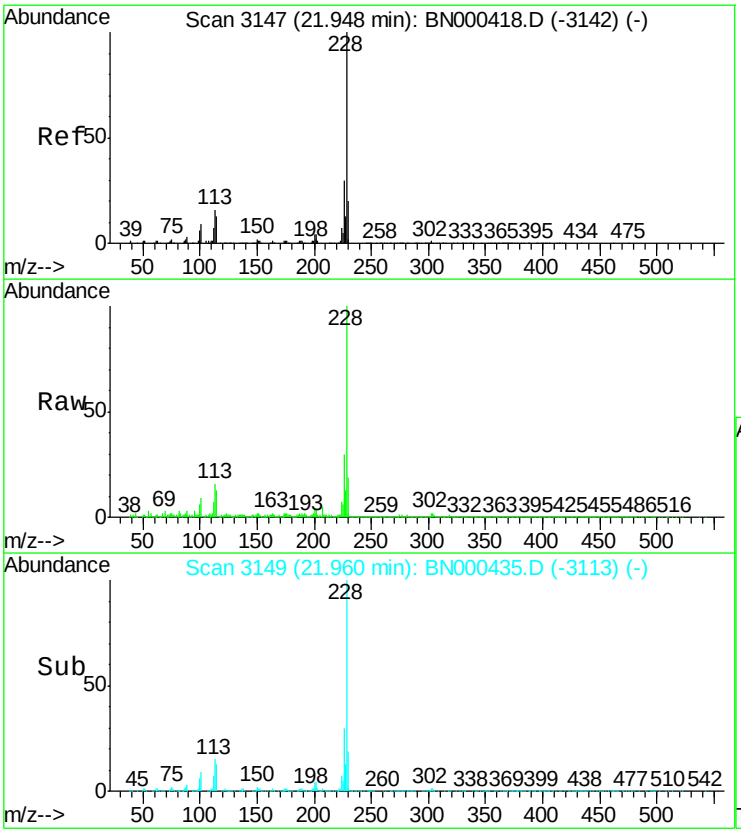
#20
Benzo(a)anthracene
Concen: 20.102 ng/ul
RT: 21.90 min Scan# 3139
Delta R.T. 0.01 min
Lab File: BN000435.D
Acq: 16 Mar 2018 02:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 1154745

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.7	23.5
226	27.8	21.1	31.7

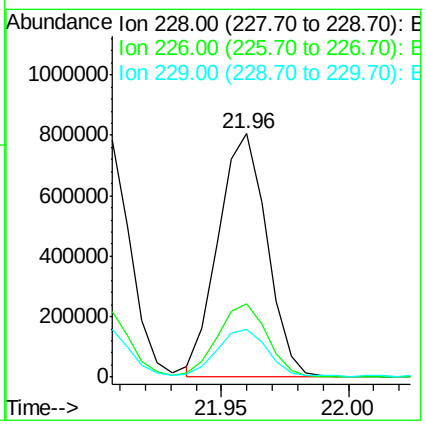


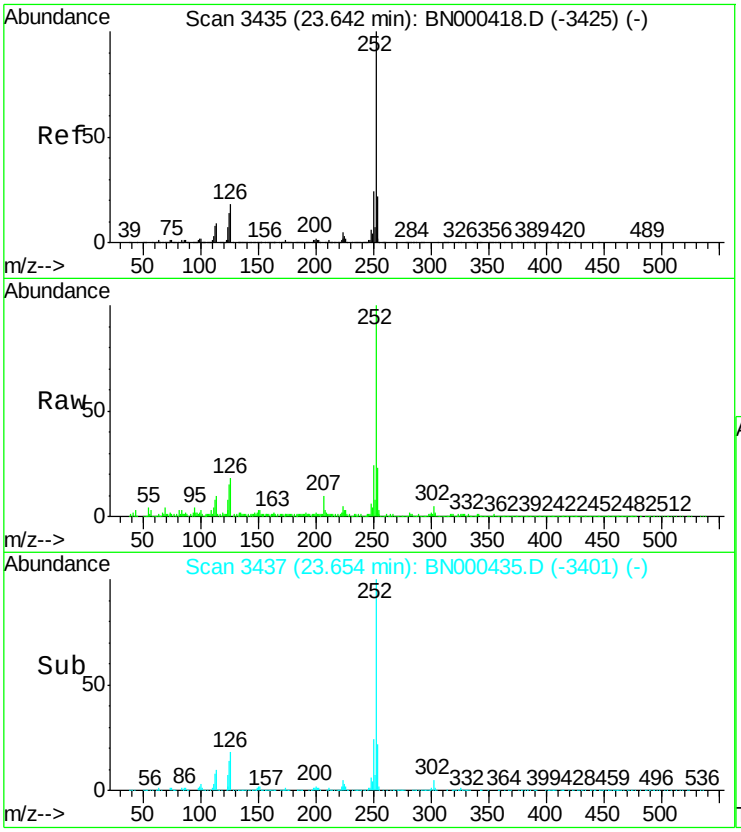


#21
Chrysene
Concen: 19.567 ng/ul
RT: 21.96 min Scan# 3149
Delta R.T. 0.01 min
Lab File: BN000435.D
Acq: 16 Mar 2018 02:23

Tgt Ion:228 Resp: 1066672

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.5	36.7
229	19.5	15.8	23.8



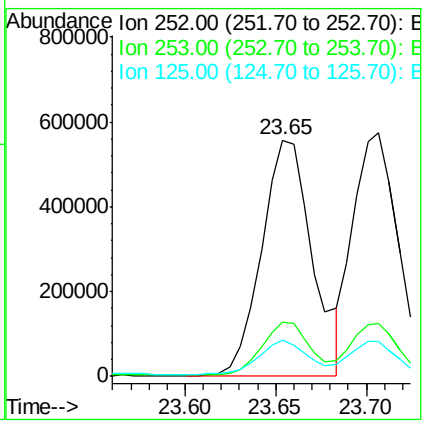


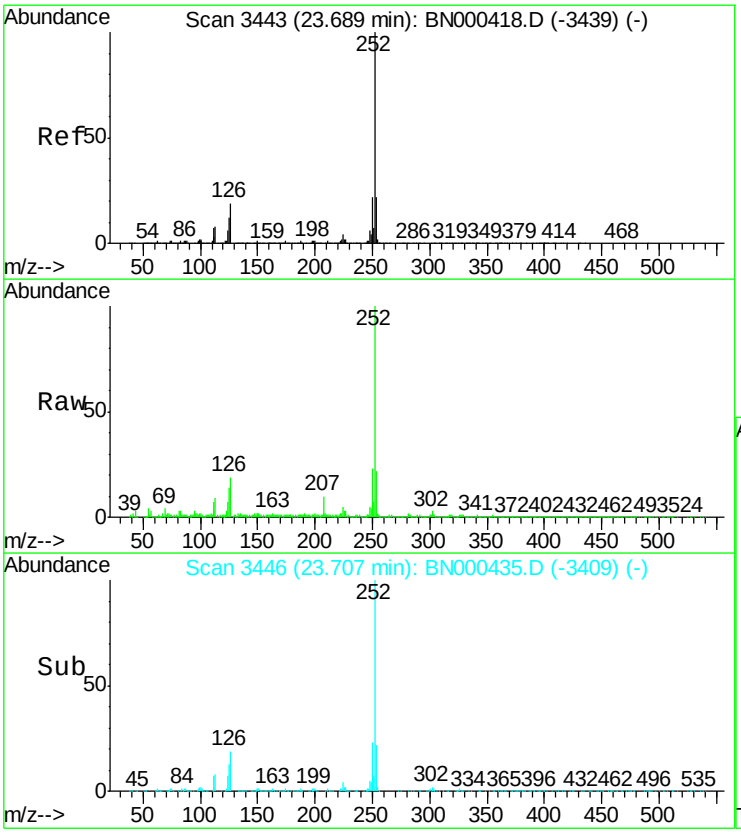
#23
Benzo(b)fluoranthene
Concen: 21.044 ng/ul
RT: 23.65 min Scan# 3437
Delta R.T. 0.01 min
Lab File: BN000435.D
Acq: 16 Mar 2018 02:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1080409

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	15.1	8.0	12.0#

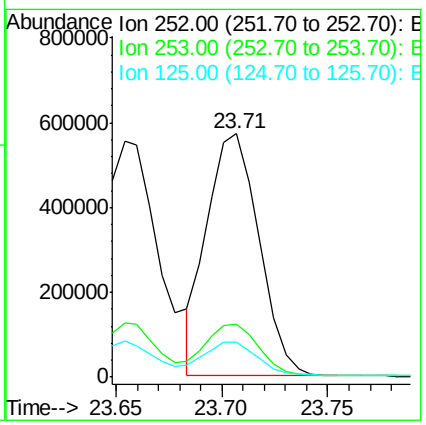


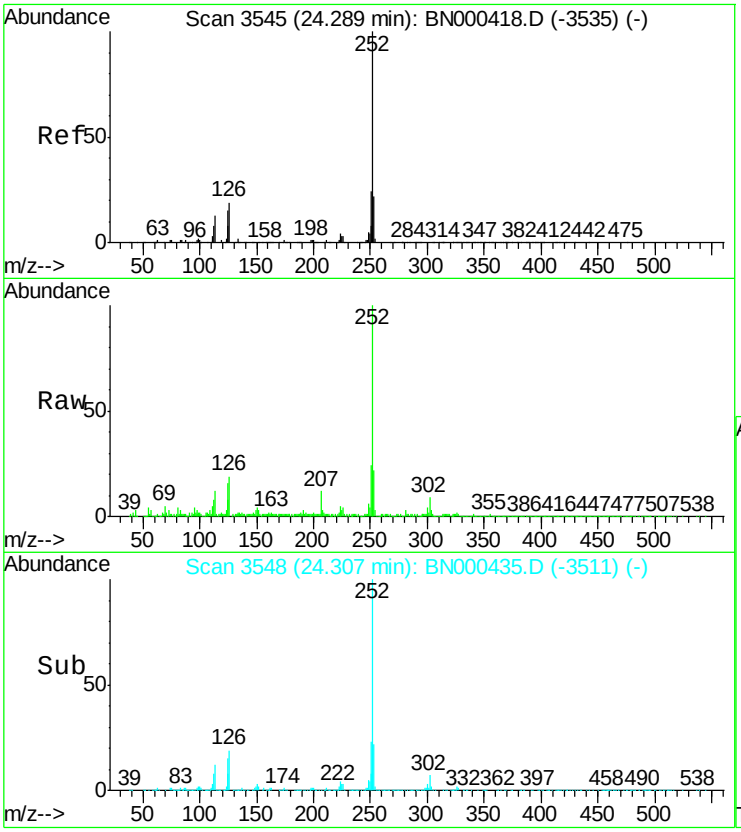


#24
Benzo(k)fluoranthene
Concen: 20.280 ng/ul
RT: 23.71 min Scan# 3446
Delta R.T. 0.02 min
Lab File: BN000435.D
Acq: 16 Mar 2018 02:23

Tgt Ion:252 Resp: 974610

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	14.2	8.1	12.1#



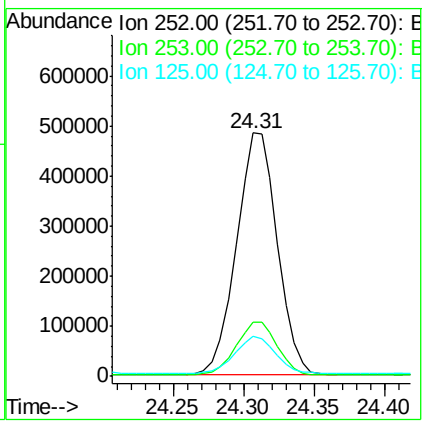


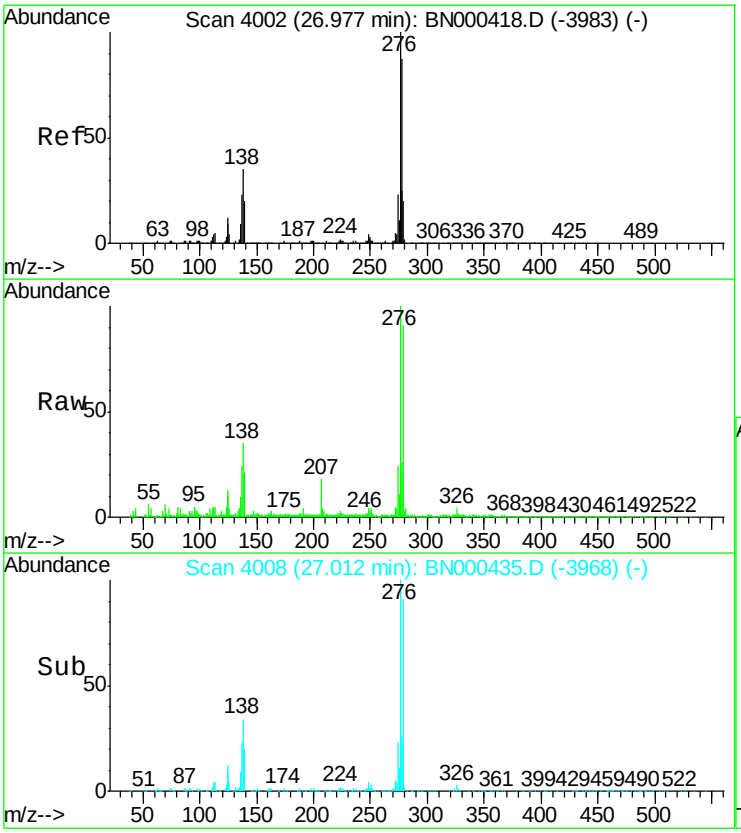
#26
Benzo(a)pyrene
Concen: 19.963 ng/ul
RT: 24.31 min Scan# 3548
Delta R.T. 0.02 min
Lab File: BN000435.D
Acq: 16 Mar 2018 02:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 975430

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	16.3	8.2	12.4#

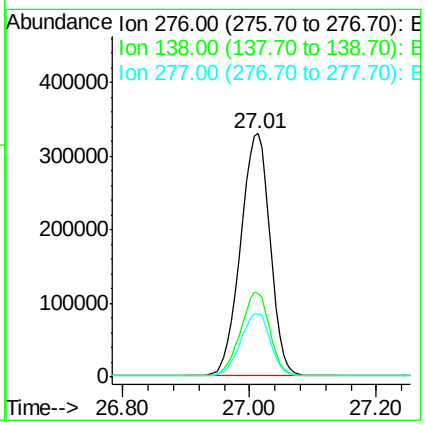


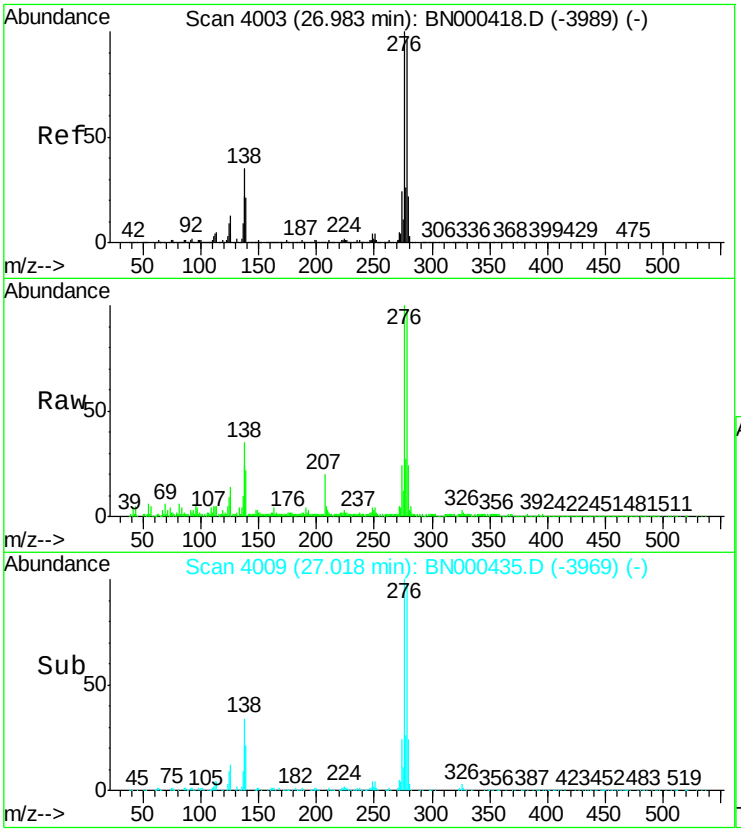


#27
Indeno(1,2,3-cd)pyrene
Concen: 20.256 ng/ul
RT: 27.01 min Scan# 4008
Delta R.T. 0.04 min
Lab File: BN000435.D
Acq: 16 Mar 2018 02:23

Tgt Ion:276 Resp: 1067175

Ion	Ratio	Lower	Upper
276	100		
138	34.5	14.4	21.6#
277	26.1	18.0	27.0



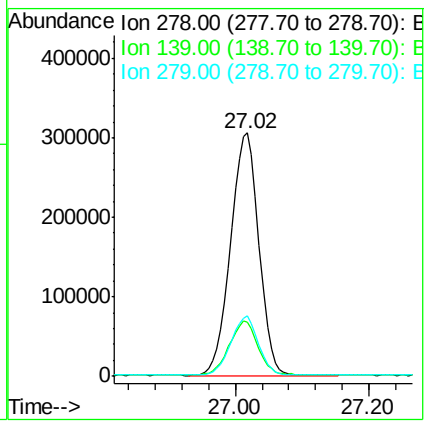


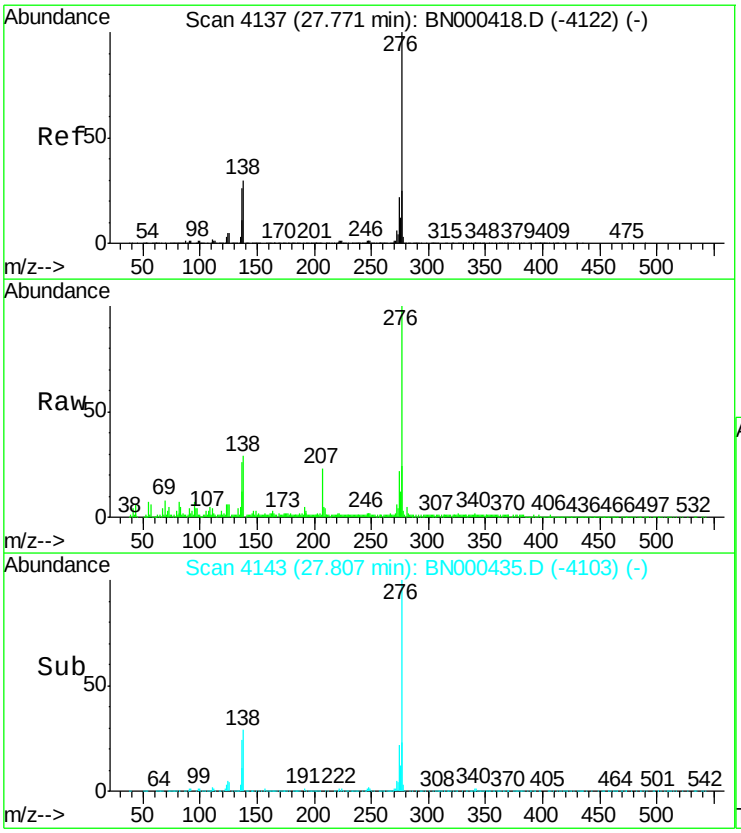
#28
Dibenzo(a,h)anthracene
Concen: 20.828 ng/ul
RT: 27.02 min Scan# 4009
Delta R.T. 0.04 min
Lab File: BN000435.D
Acq: 16 Mar 2018 02:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 899407

Ion	Ratio	Lower	Upper
278	100		
139	22.1	12.2	18.4#
279	24.9	19.2	28.8





#29
Benzo(g,h,i)perylene
Concen: 20.244 ng/ul
RT: 27.81 min Scan# 4143
Delta R.T. 0.04 min
Lab File: BN000435.D
Acq: 16 Mar 2018 02:23

Tgt Ion:276 Resp: 890526

Ion	Ratio	Lower	Upper
276	100		
138	29.4	15.3	22.9#
277	23.8	19.0	28.4