Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000892.D
Acq On : 25 Apr 2018 15:47
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Apr 26 07:50:55 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 25 14:59:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	166404	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	676874	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	333851	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	646521	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	631162	20.00	ng/ul	0.01
22) Perylene-d12	23.42	264	667498	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	676357	21.09	ng/ul	0.00
10) Fluorene-d10	15.25	176	435122	20.33	ng/ul	0.00
14) Anthracene-d10	17.10	188	619009	20.94	ng/ul	0.00
18) Pyrene-d10	19.40	212	643285	19.89	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	666904	21.15	ng/ul	0.02
Target Compounds						Qvalue
3) Naphthalene	10.43	128	697544	20.448	ng/ul	99
4) 2-Methylnaphthalene	12.05	142	456284	20.047	ng/ul	98
5) 1-Methylnaphthalene	12.28	142	449546	20.137	ng/ul#	92
8) Acenaphthylene	13.97	152	656611	20.691	ng/ul	99
9) Acenaphthene	14.32	153	447482	20.409	ng/ul	96
11) Fluorene	15.30	166	473858	20.302	ng/ul	95
13) Phenanthrene	17.05	178	716506	20.320	ng/ul	99
15) Anthracene	17.13	178	731223	20.674	ng/ul	99
16) Fluoranthene	19.07	202	777596	21.735	ng/ul#	93
19) Pyrene	19.43	202	785124	19.366	ng/ul#	89
20) Benzo(a)anthracene	21.20	228	784943	20.805	ng/ul	99
21) Chrysene	21.25	228	717754	20.240	ng/ul	99
23) Benzo(b)fluoranthene	22.76	252	760993	20.061	ng/ul#	97
24) Benzo(k)fluoranthene	22.80	252	774910	20.876	ng/ul#	97
26) Benzo(a)pyrene	23.32	252	749189	20.665	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.59	276	901442	20.587	ng/ul#	85
28) Dibenzo(a,h)anthracene	25.60	278	751615	20.595	ng/ul#	96
29) Benzo(g,h,i)perylene	26.26	276	758746	20.718	ng/ul#	92

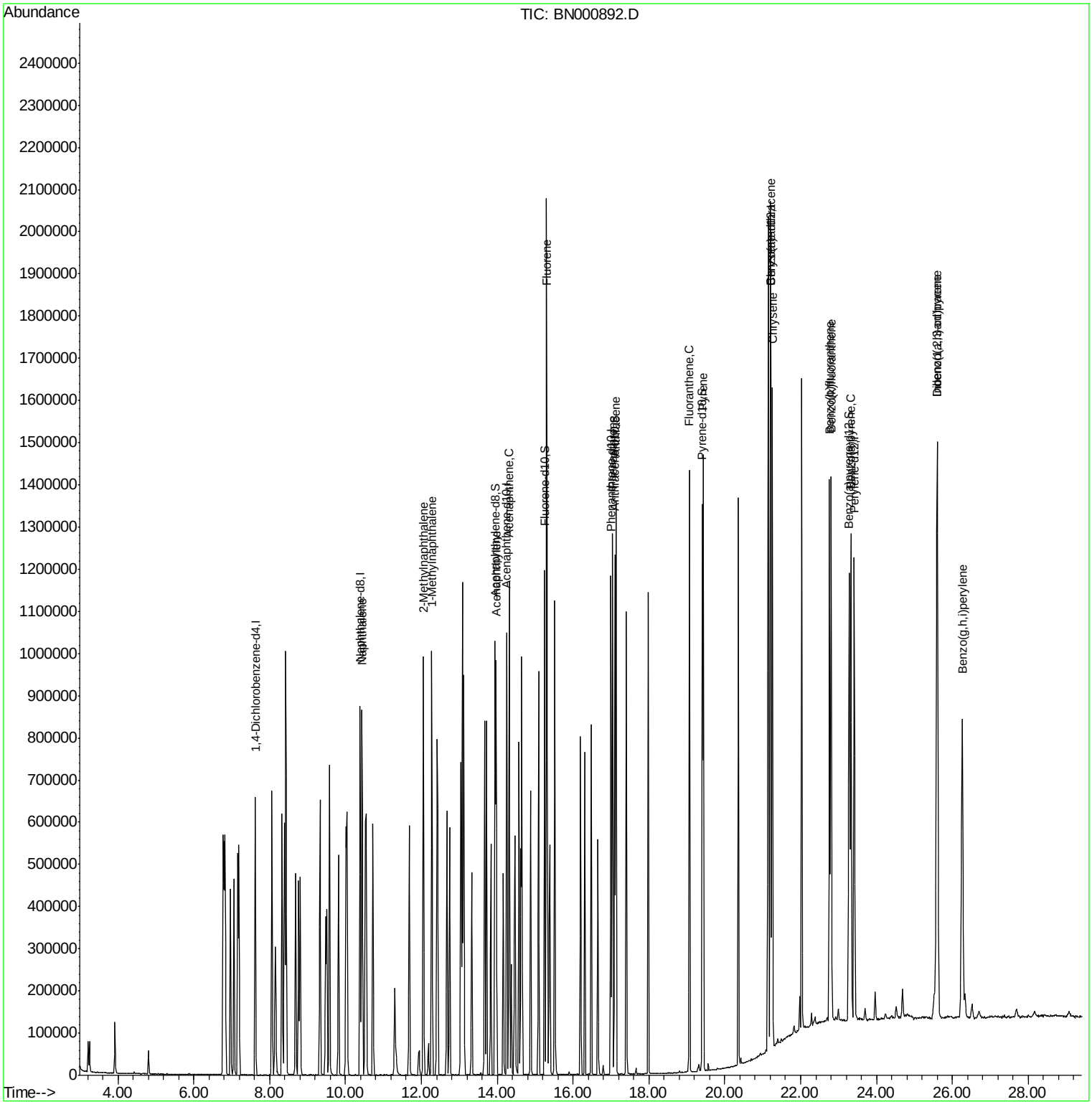
(#) = qualifier out of range (m) = manual integration (+) = signals summed

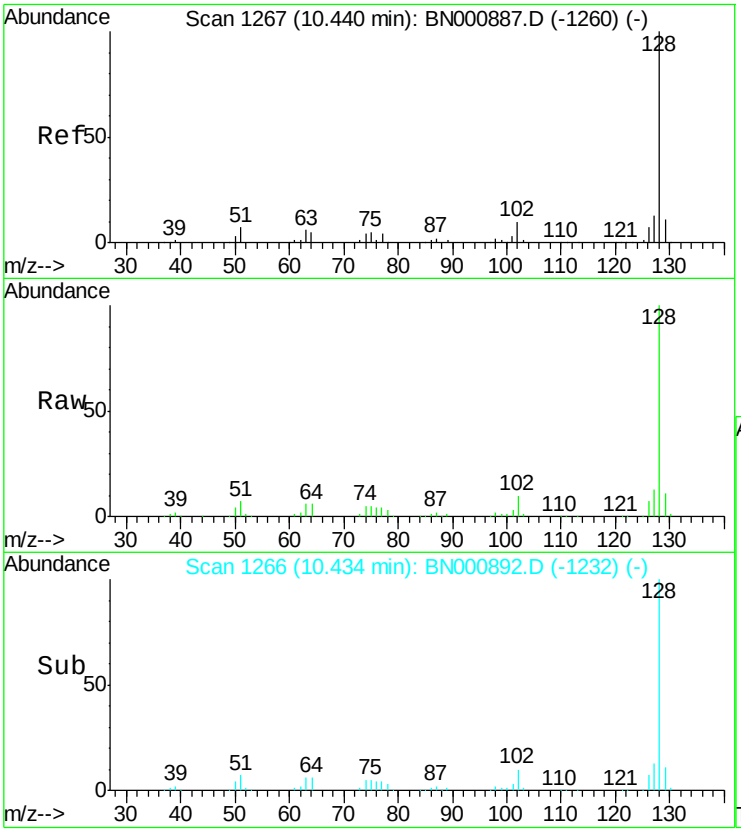
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000892.D
Acq On : 25 Apr 2018 15:47
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Apr 26 07:50:55 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 25 14:59:03 2018
Response via : Initial Calibration



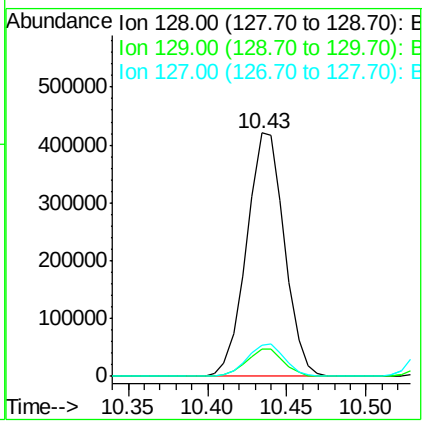


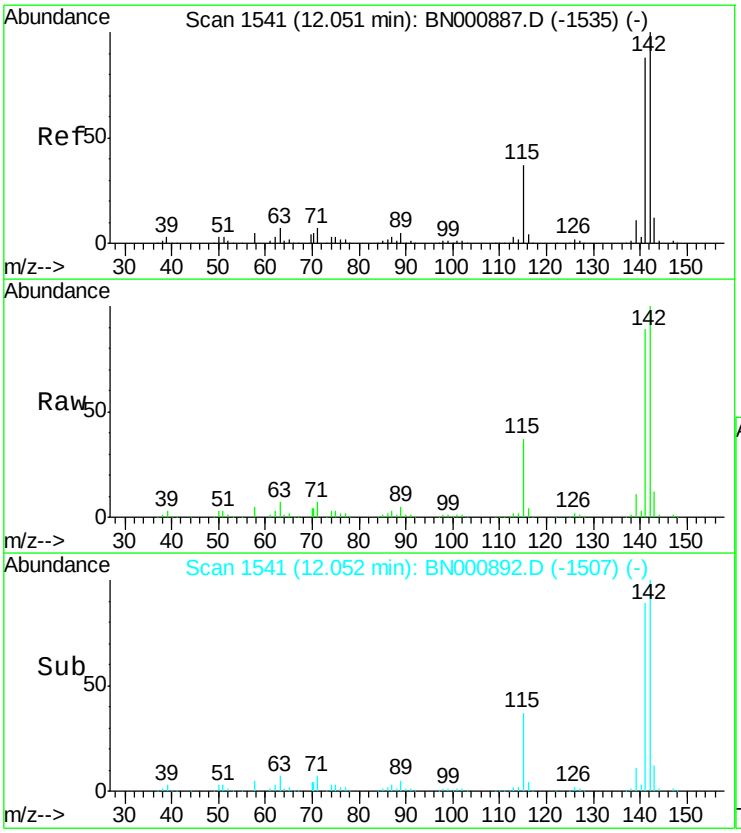
#3
Naphthalene
Concen: 20.448 ng/ul
RT: 10.43 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BN000892.D
Acq: 25 Apr 2018 15:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 697544

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	12.8	10.6	16.0

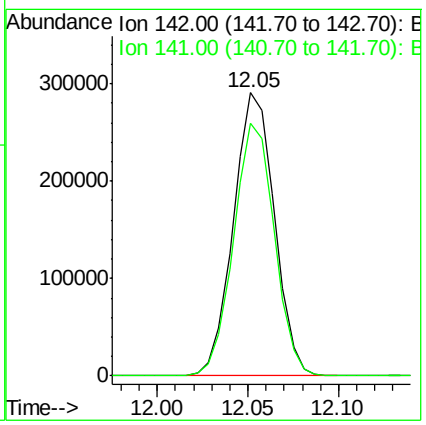


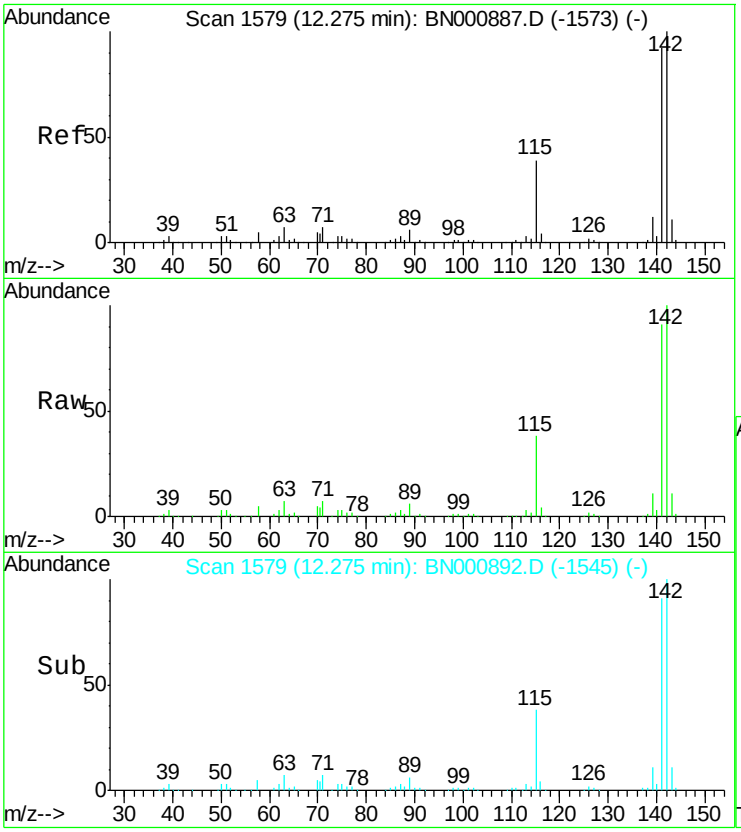


#4
2-Methylnaphthalene
Concen: 20.047 ng/ul
RT: 12.05 min Scan# 1541
Delta R.T. 0.00 min
Lab File: BN000892.D
Acq: 25 Apr 2018 15:47

Tgt Ion:142 Resp: 456284

Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.7	109.1



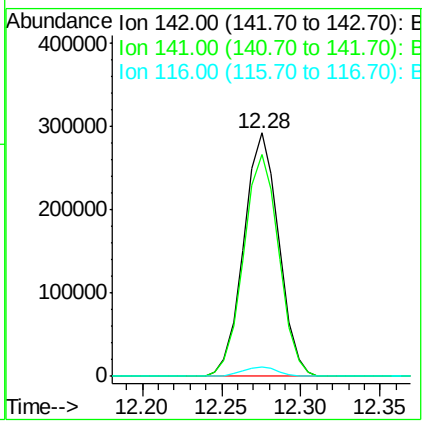


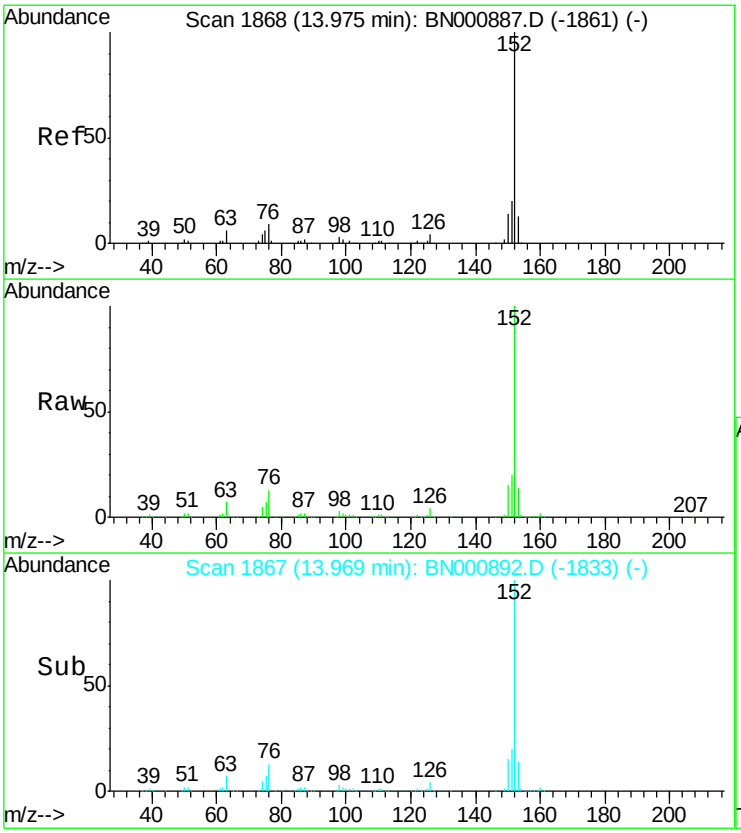
#5
1-Methylnaphthalene
Concen: 20.137 ng/ul
RT: 12.28 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BN000892.D
Acq: 25 Apr 2018 15:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 449546

Ion	Ratio	Lower	Upper
142	100		
141	91.2	79.3	118.9
116	4.1	4.2	6.2#

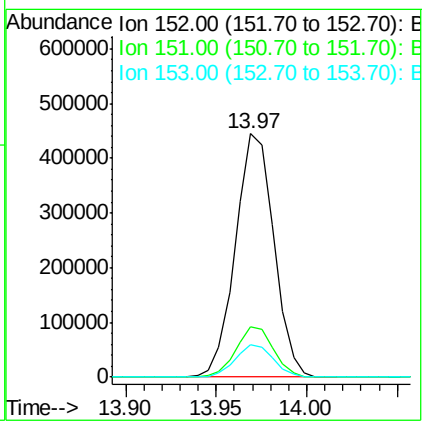


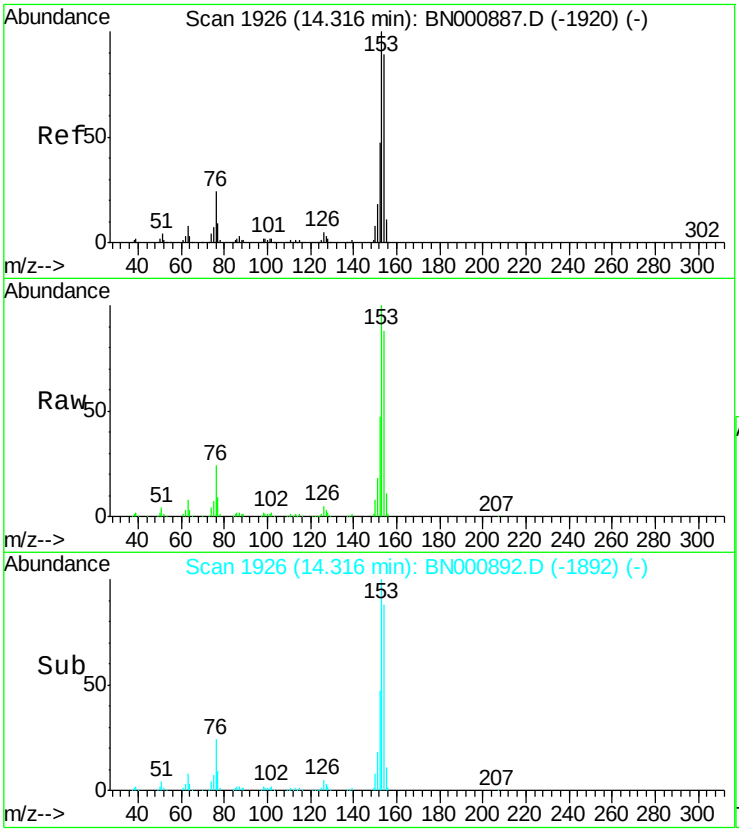


#8
Acenaphthylene
Concen: 20.691 ng/ul
RT: 13.97 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BN000892.D
Acq: 25 Apr 2018 15:47

Tgt Ion:152 Resp: 656611

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.7	25.1
153	13.6	10.2	15.4



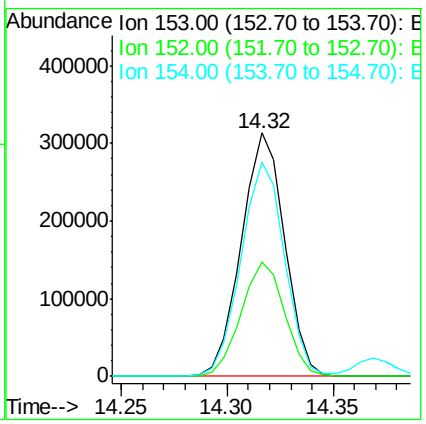


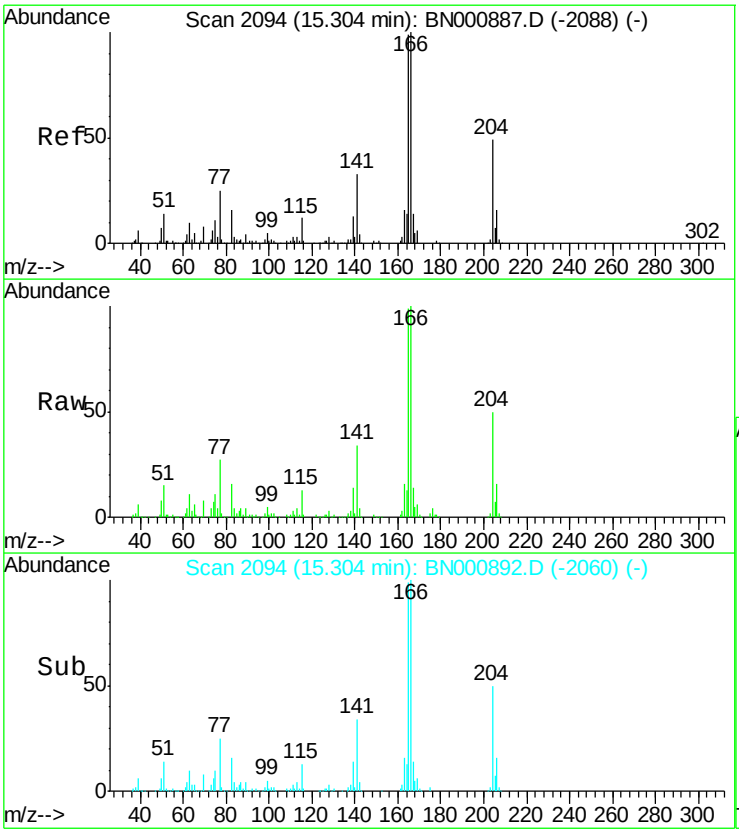
#9
Acenaphthene
Concen: 20.409 ng/ul
RT: 14.32 min Scan# 1926
Delta R.T. 0.00 min
Lab File: BN000892.D
Acq: 25 Apr 2018 15:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:153 Resp: 447482

Ion	Ratio	Lower	Upper
153	100		
152	46.8	39.0	58.6
154	87.7	66.8	100.2

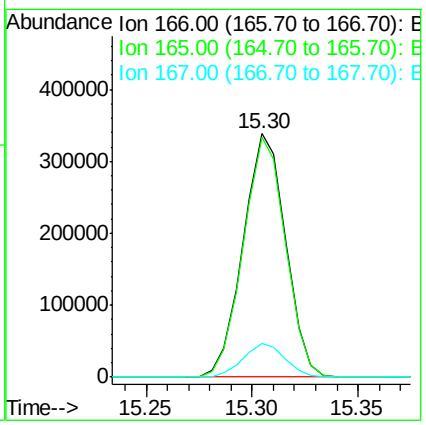


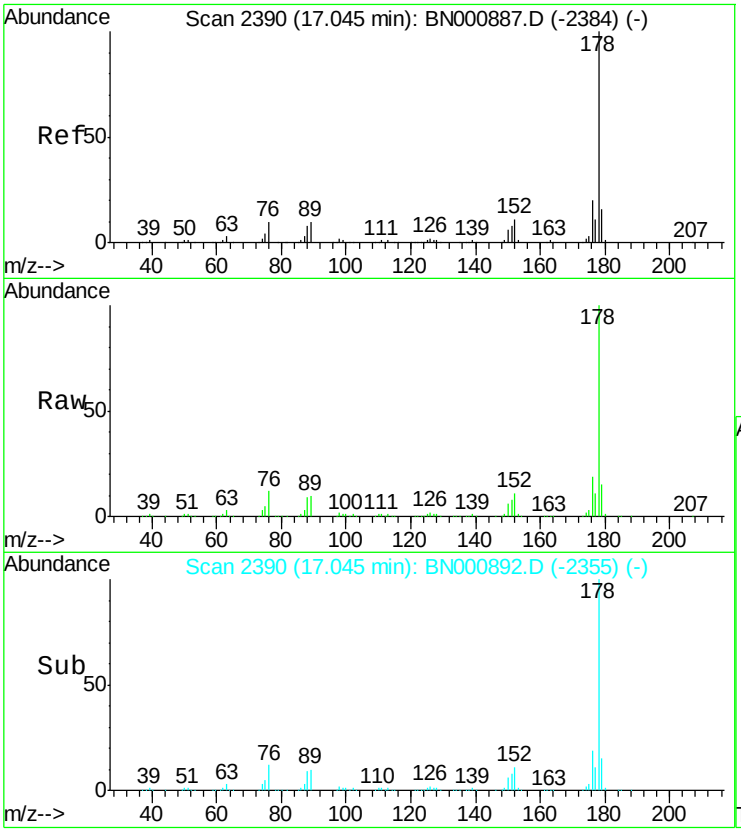


#11
Fluorene
Concen: 20.302 ng/ul
RT: 15.30 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BN000892.D
Acq: 25 Apr 2018 15:47

Tgt Ion:166 Resp: 473858

Ion	Ratio	Lower	Upper
166	100		
165	98.7	83.8	125.8
167	13.7	11.5	17.3



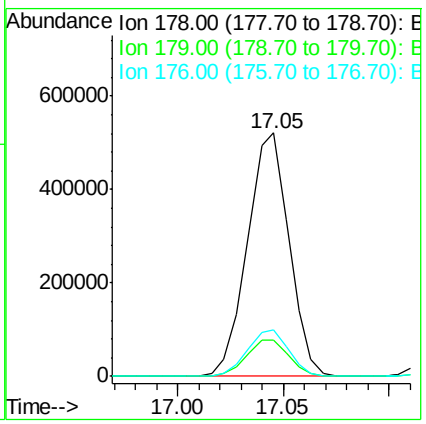


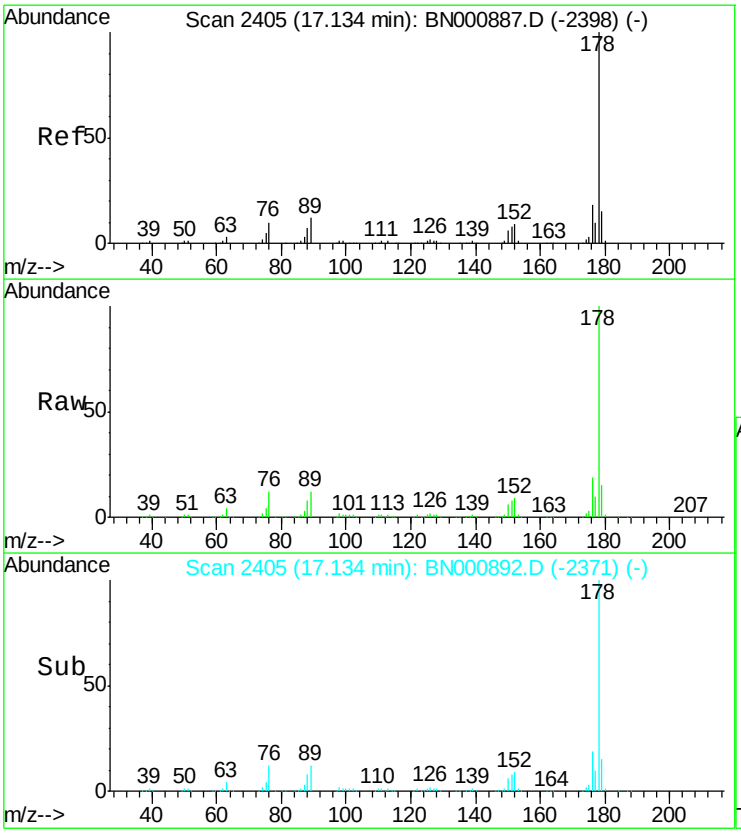
#13
Phenanthrene
Concen: 20.320 ng/ul
RT: 17.05 min Scan# 2390
Delta R.T. 0.01 min
Lab File: BN000892.D
Acq: 25 Apr 2018 15:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 716506

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.3	18.5
176	18.8	15.1	22.7

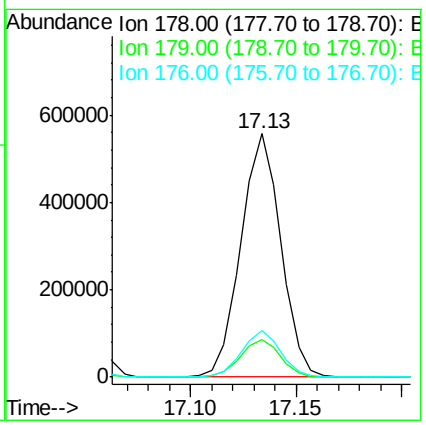


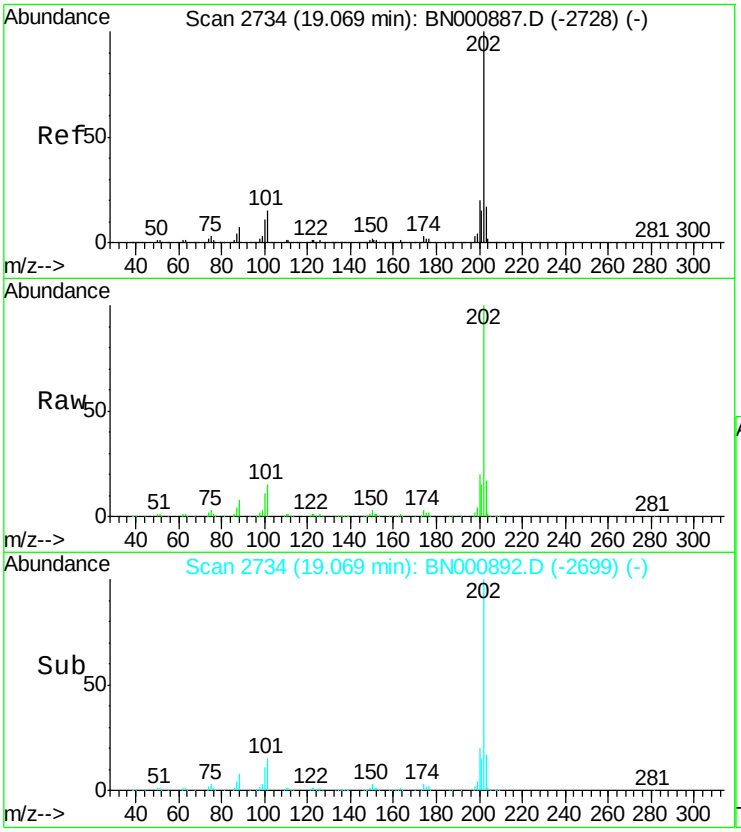


#15
Anthracene
Concen: 20.674 ng/ul
RT: 17.13 min Scan# 2405
Delta R.T. 0.00 min
Lab File: BN000892.D
Acq: 25 Apr 2018 15:47

Tgt Ion:178 Resp: 731223

Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.8	17.8
176	18.9	15.2	22.8



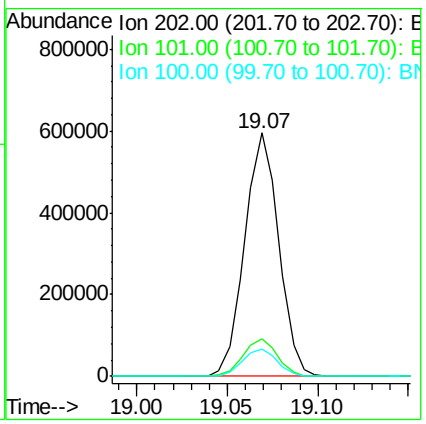


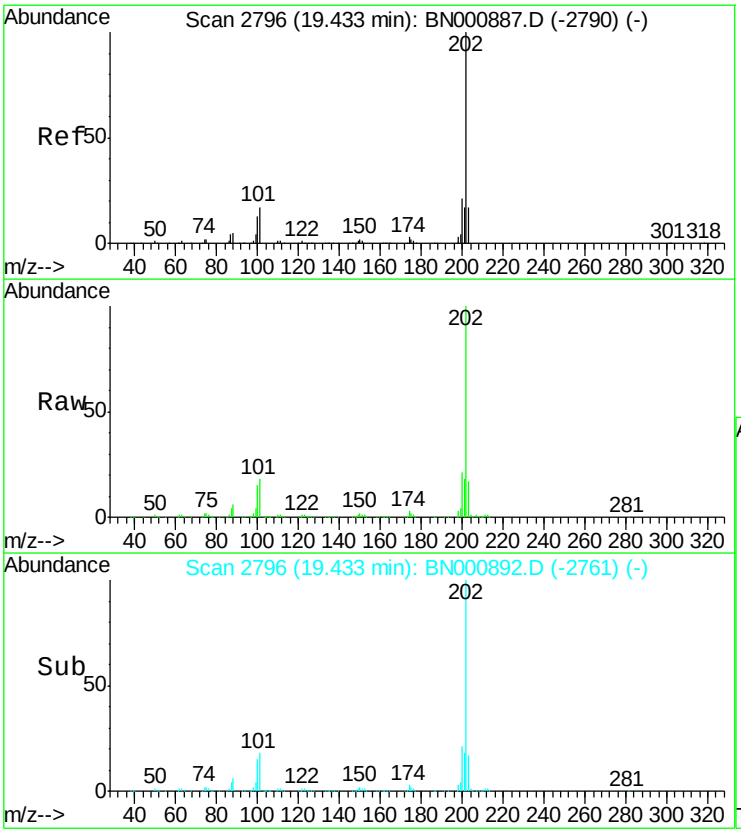
#16
Fluoranthene
Concen: 21.735 ng/ul
RT: 19.07 min Scan# 2734
Delta R.T. 0.01 min
Lab File: BN000892.D
Acq: 25 Apr 2018 15:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 777596

Ion	Ratio	Lower	Upper
202	100		
101	15.5	9.9	14.9#
100	11.3	7.4	11.0#

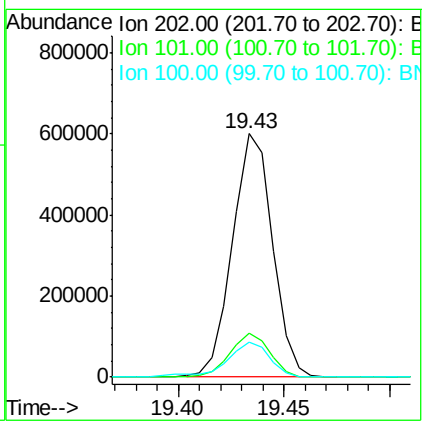


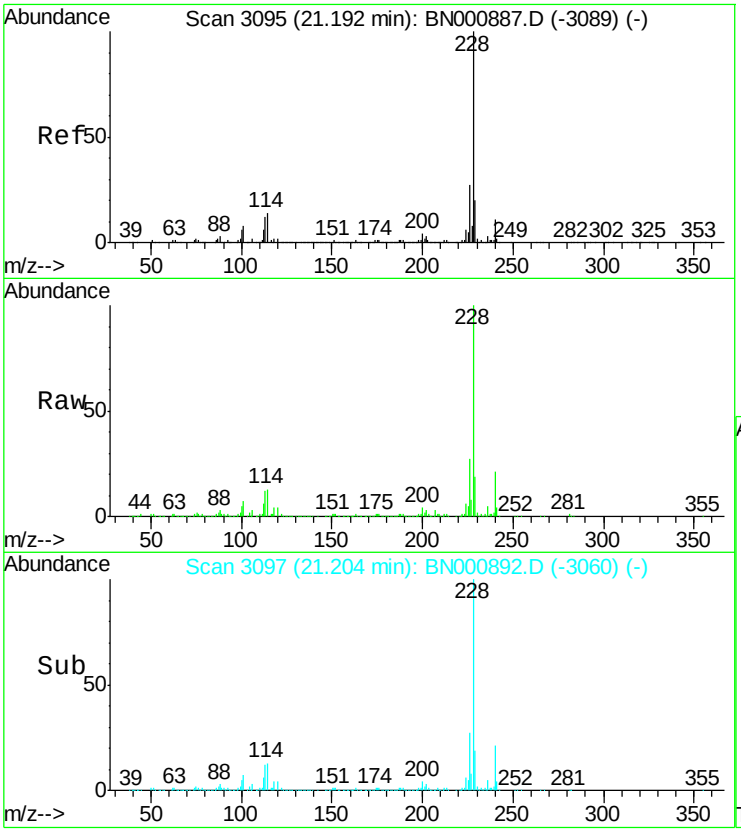


#19
Pyrene
Concen: 19.366 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. 0.01 min
Lab File: BN000892.D
Acq: 25 Apr 2018 15:47

Tgt Ion:202 Resp: 785124

Ion	Ratio	Lower	Upper
202	100		
101	18.0	11.0	16.4#
100	14.5	8.1	12.1#



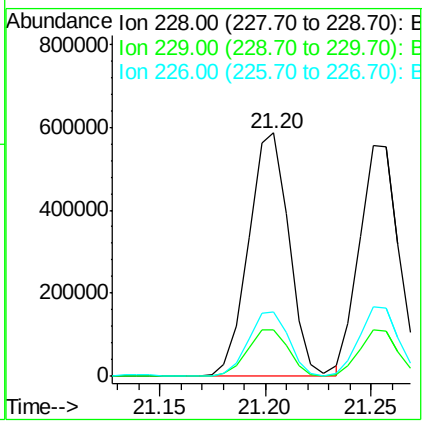


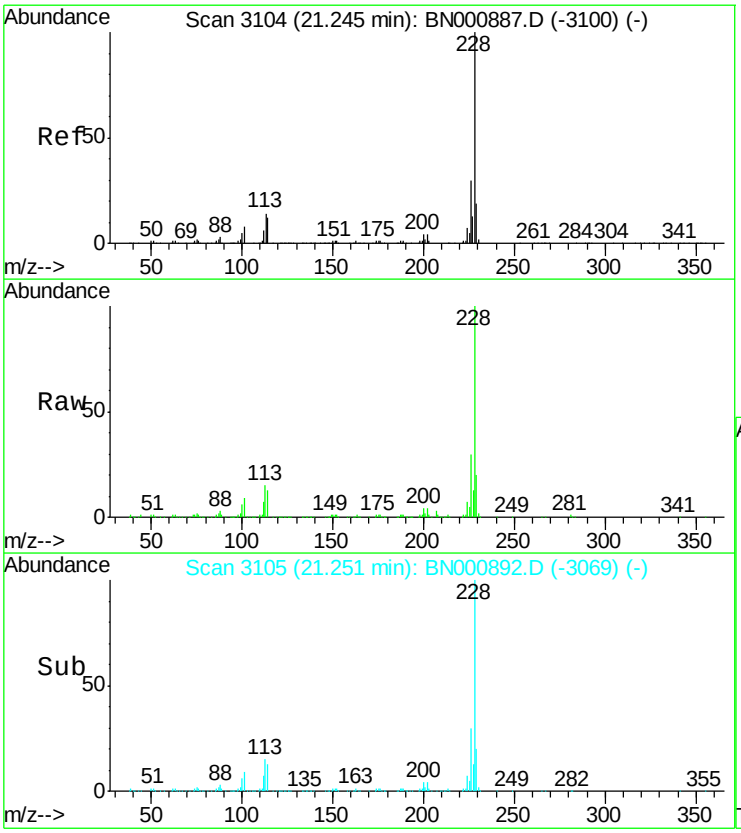
#20
Benzo(a)anthracene
Concen: 20.805 ng/ul
RT: 21.20 min Scan# 3097
Delta R.T. 0.02 min
Lab File: BN000892.D
Acq: 25 Apr 2018 15:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 784943

Ion	Ratio	Lower	Upper
228	100		
229	19.2	15.7	23.5
226	26.7	21.1	31.7

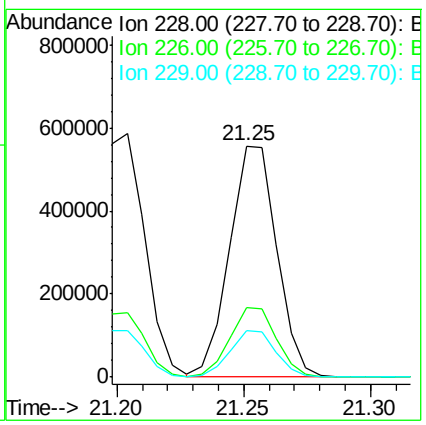


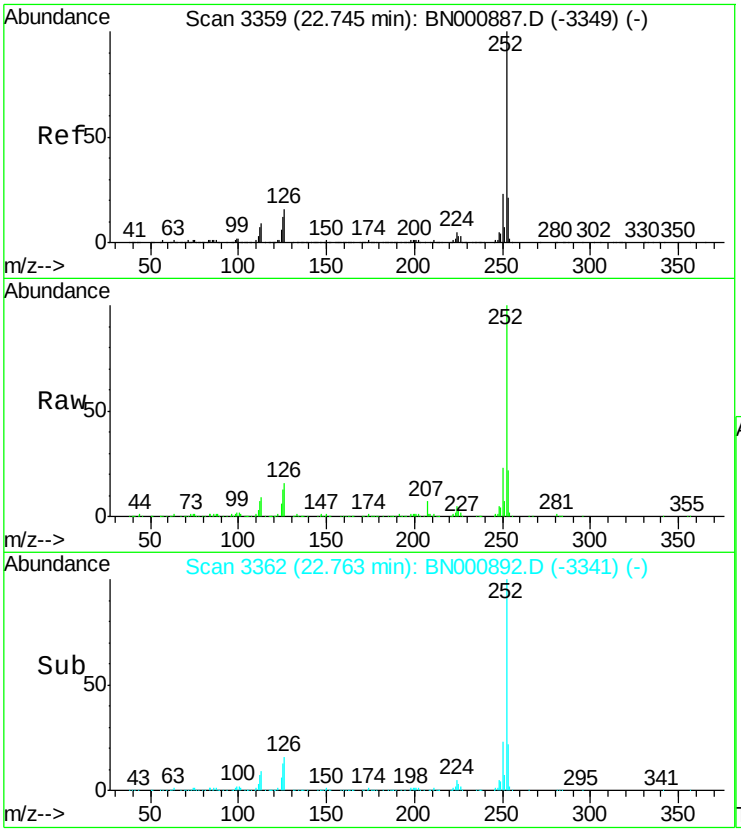


#21
Chrysene
Concen: 20.240 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. 0.01 min
Lab File: BN000892.D
Acq: 25 Apr 2018 15:47

Tgt Ion:228 Resp: 717754

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.5	36.7
229	20.2	15.8	23.8



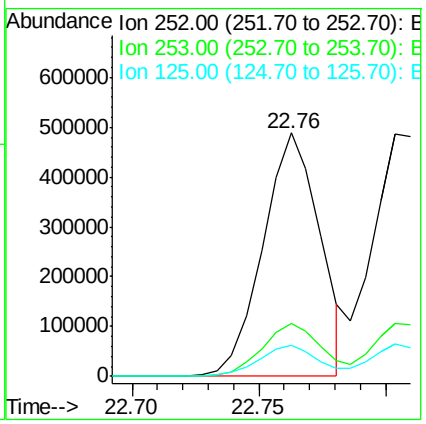


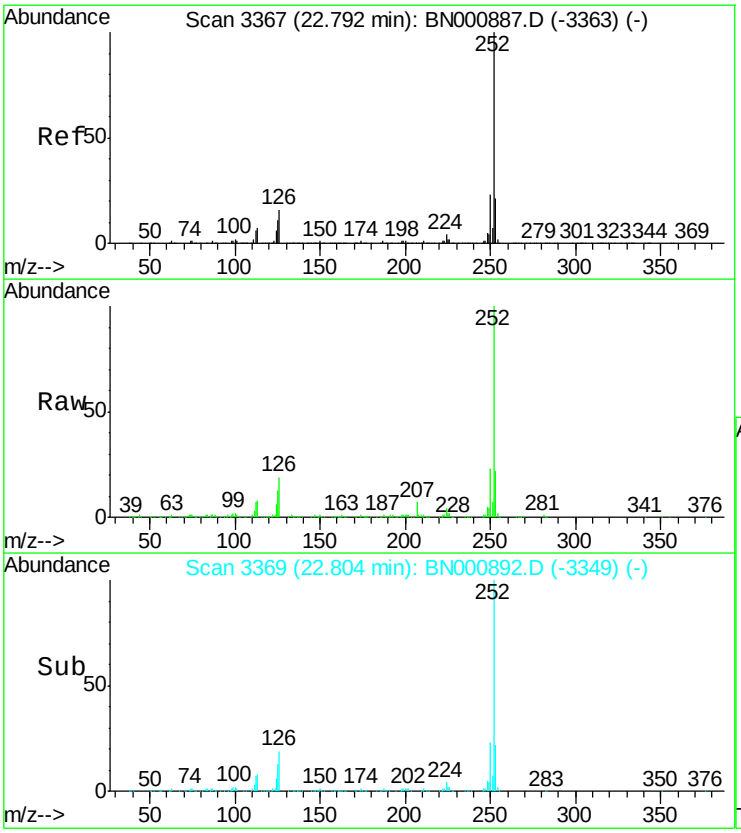
#23
Benzo(b)fluoranthene
Concen: 20.061 ng/ul
RT: 22.76 min Scan# 3362
Delta R.T. 0.02 min
Lab File: BN000892.D
Acq: 25 Apr 2018 15:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 760993

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	12.9	8.0	12.0#

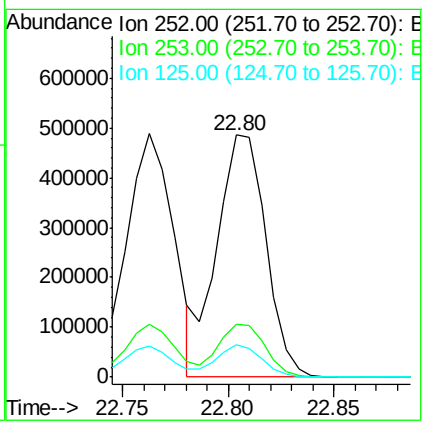


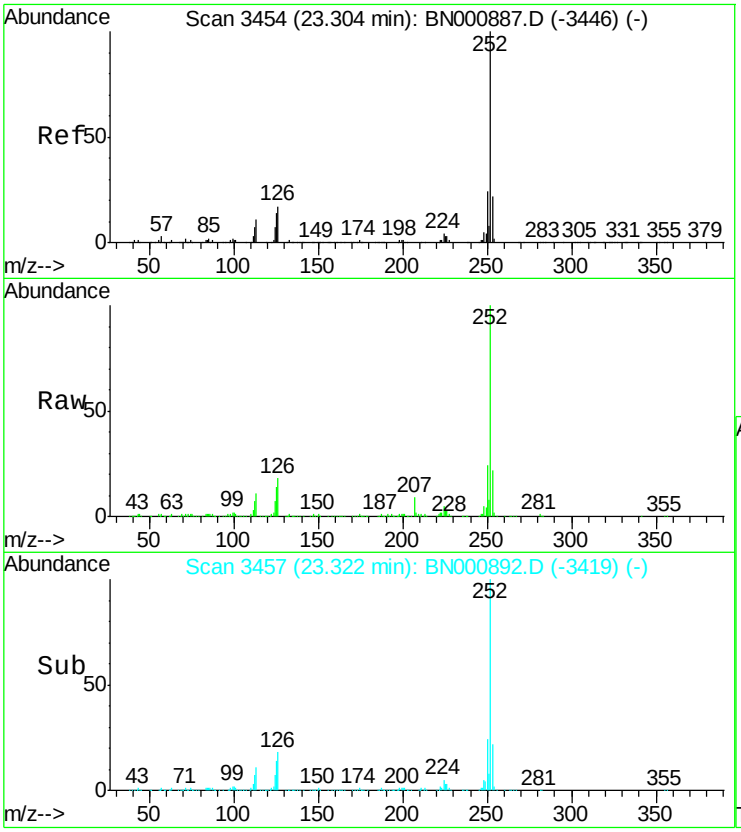


#24
Benzo(k)fluoranthene
Concen: 20.876 ng/ul
RT: 22.80 min Scan# 3369
Delta R.T. 0.02 min
Lab File: BN000892.D
Acq: 25 Apr 2018 15:47

Tgt Ion:252 Resp: 774910

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	13.2	8.1	12.1#



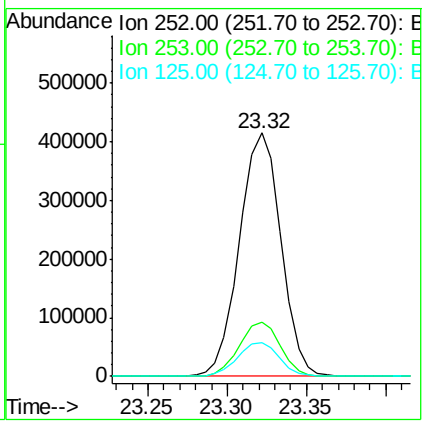


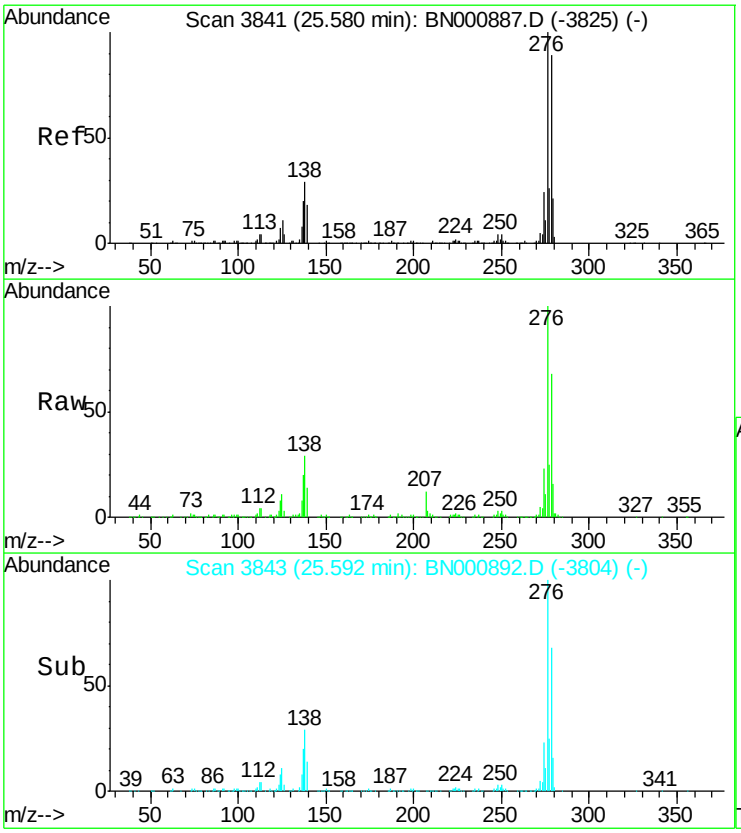
#26
Benzo(a)pyrene
Concen: 20.665 ng/ul
RT: 23.32 min Scan# 3457
Delta R.T. 0.02 min
Lab File: BN000892.D
Acq: 25 Apr 2018 15:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 749189

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	14.1	8.2	12.4#

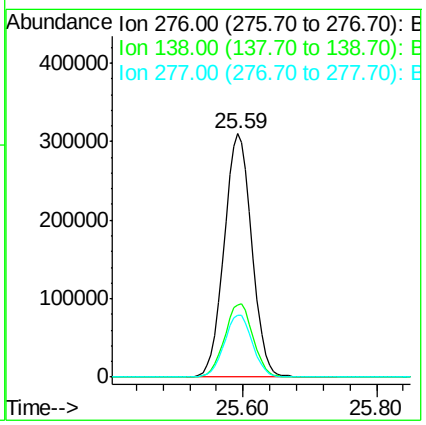


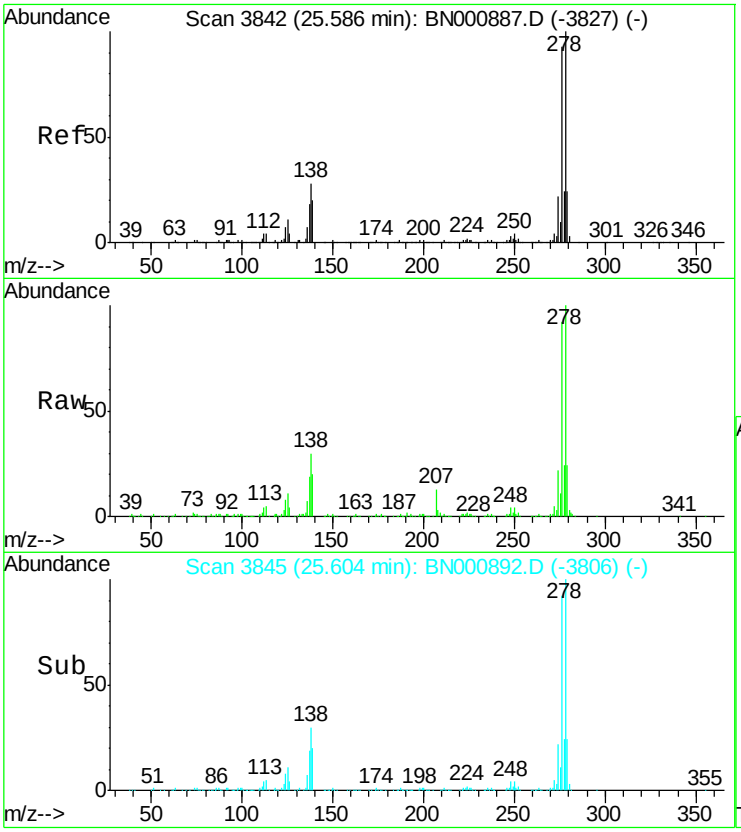


#27
Indeno(1,2,3-cd)pyrene
Concen: 20.587 ng/ul
RT: 25.59 min Scan# 3843
Delta R.T. 0.03 min
Lab File: BN000892.D
Acq: 25 Apr 2018 15:47

Tgt Ion:276 Resp: 901442

Ion	Ratio	Lower	Upper
276	100		
138	29.5	14.4	21.6#
277	25.2	18.0	27.0



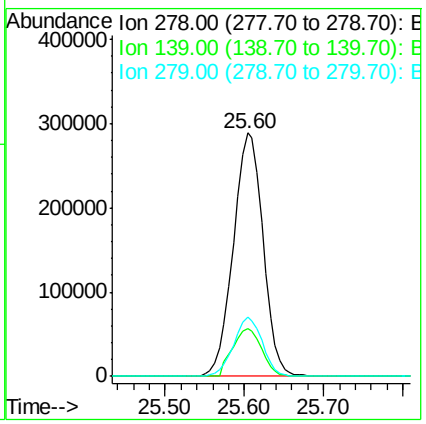


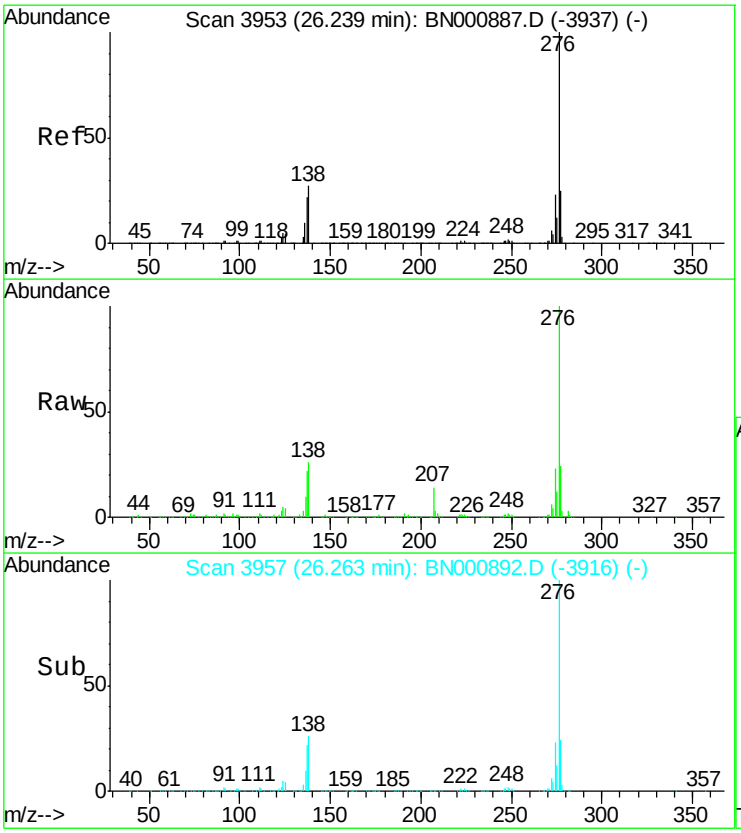
#28
Dibenzo(a,h)anthracene
Concen: 20.595 ng/ul
RT: 25.60 min Scan# 3845
Delta R.T. 0.03 min
Lab File: BN000892.D
Acq: 25 Apr 2018 15:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 751615

Ion	Ratio	Lower	Upper
278	100		
139	19.6	12.2	18.4#
279	24.2	19.2	28.8





#29
Benzo(g,h,i)perylene
Concen: 20.718 ng/ul
RT: 26.26 min Scan# 3957
Delta R.T. 0.04 min
Lab File: BN000892.D
Acq: 25 Apr 2018 15:47

Tgt Ion:276 Resp: 758746

Ion	Ratio	Lower	Upper
276	100		
138	26.4	15.3	22.9#
277	24.2	19.0	28.4