Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
Data File : BN000433.D
Acq On : 16 Mar 2018 01:14
Operator : JU/SJ
Sample : J1865-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 16 06:53:21 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	247827	20.00	ng/ul	0.00
2) Naphthalene-d8	11.30	136	1142950	20.00	ng/ul	0.01
6) Acenaphthene-d10	15.07	164	629836	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.80	188	1307654	20.00	ng/ul	0.01
17) Chrysene-d12	21.92	240	1042504	20.00	ng/ul	0.02
22) Perylene-d12	24.42	264	997788	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	14.77	160	2381013	38.09	ng/ul	0.00
10) Fluorene-d10	16.05	176	1520181	35.91	ng/ul	0.00
14) Anthracene-d10	17.90	188	2255691	36.92	ng/ul	0.00
18) Pyrene-d10	20.15	212	2186704	42.88	ng/ul	0.01
25) Benzo(a)pyrene-d12	24.27	264	1706894	37.46	ng/ul	0.02
Target Compounds						Qvalue
3) Naphthalene	11.35	128	112902	1.872	ng/ul	98
8) Acenaphthylene	14.80	152	117598	1.872	ng/ul	98
9) Acenaphthene	15.14	153	73832	1.689	ng/ul	94
11) Fluorene	16.11	166	92695	1.922	ng/ul	92
13) Phenanthrene	17.84	178	1873845	24.987	ng/ul	99
15) Anthracene	17.93	178	620755	8.158	ng/ul	99
16) Fluoranthene	19.82	202	3686488	45.497	ng/ul#	93
19) Pyrene	20.18	202	3149382	47.849	ng/ul#	88
20) Benzo(a)anthracene	21.91	228	1973052	30.444	ng/ul	97
21) Chrysene	21.96	228	1901936	30.924	ng/ul	97
23) Benzo(b)fluoranthene	23.67	252	3273774	55.022	ng/ul#	95
24) Benzo(k)fluoranthene	23.67	252	3273774	58.782	ng/ul#	96
26) Benzo(a)pyrene	24.32	252	2048454	36.174	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	27.02	276	1517561	24.855	ng/ul#	85
28) Dibenzo(a,h)anthracene	27.01	278	408013	8.153	ng/ul#	83
29) Benzo(g,h,i)perylene	27.82	276	1296345	25.428	ng/ul#	88

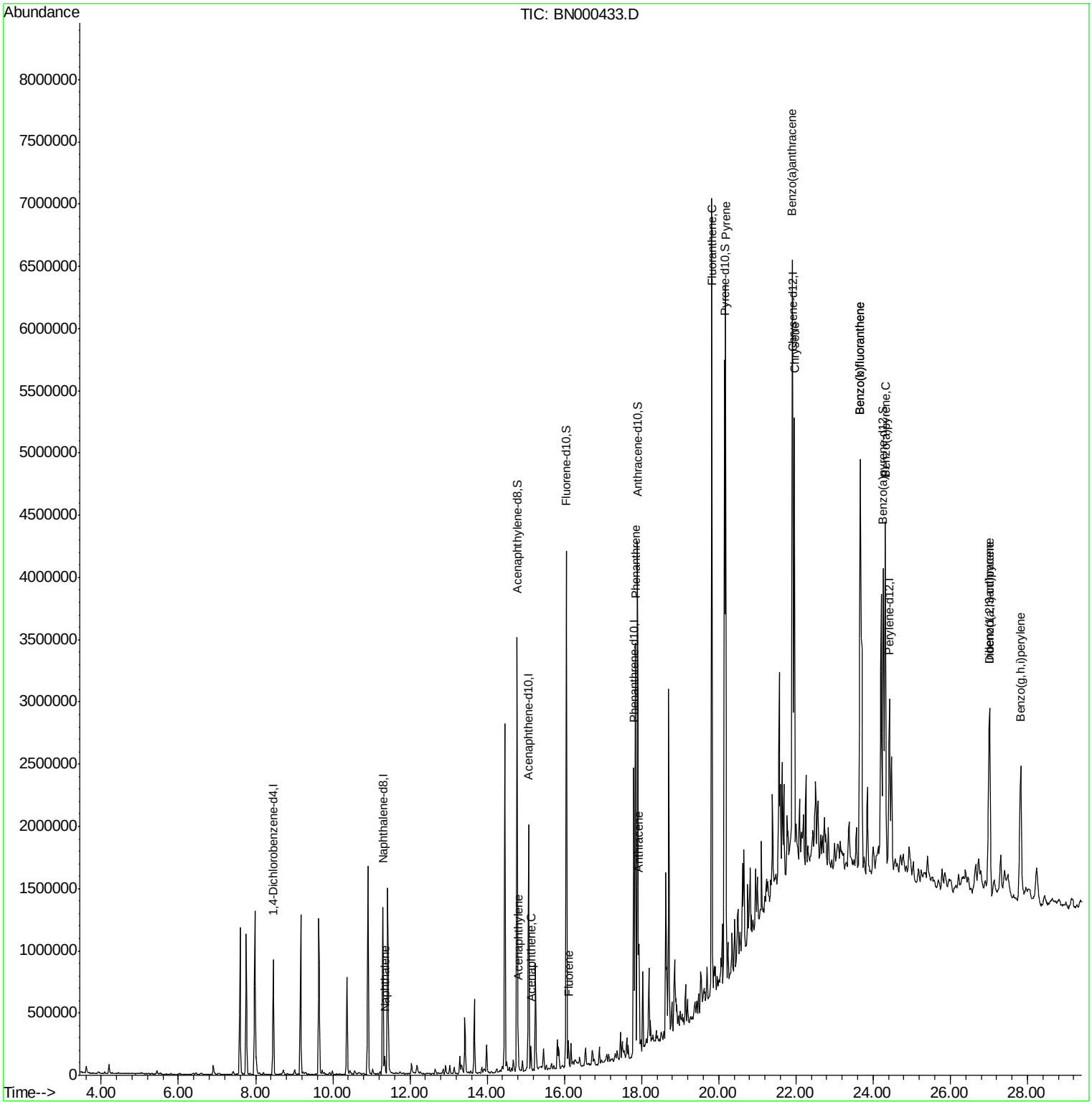
(#) = qualifier out of range (m) = manual integration (+) = signals summed

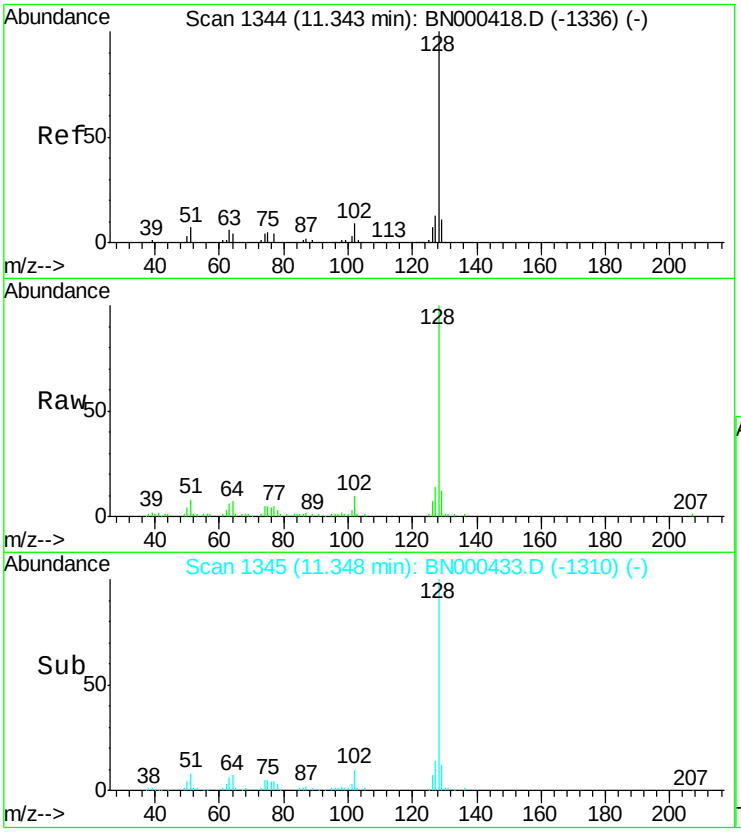
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
Data File : BN000433.D
Acq On : 16 Mar 2018 01:14
Operator : JU/SJ
Sample : J1865-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 16 06:53:21 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



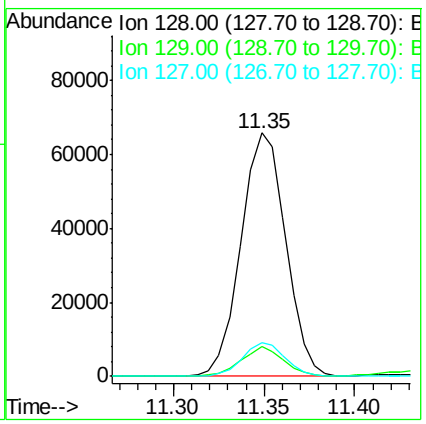


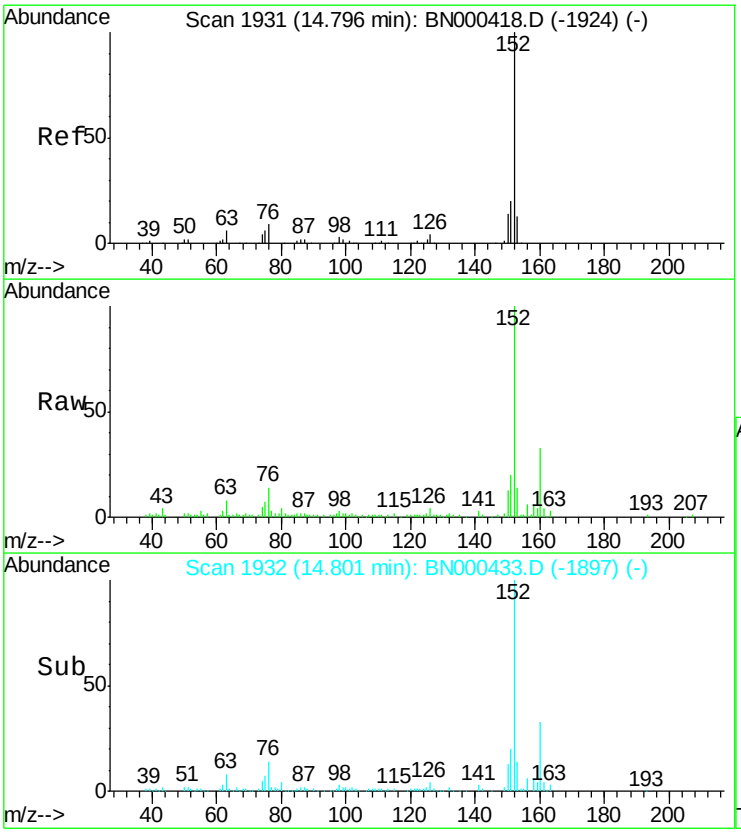
#3
Naphthalene
Concen: 1.872 ng/ul
RT: 11.35 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BN000433.D
Acq: 16 Mar 2018 01:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 112902

Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.7	13.1
127	14.0	10.6	16.0

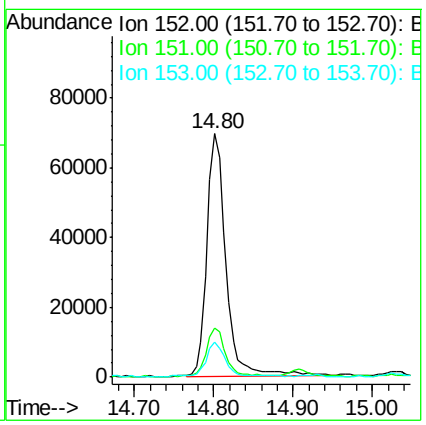


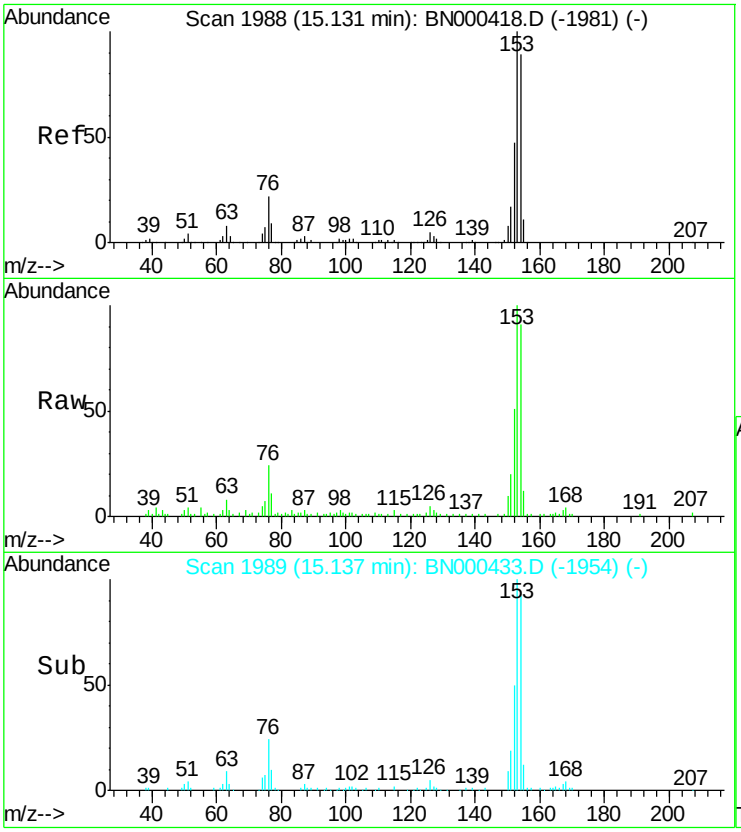


#8
Acenaphthylene
Concen: 1.872 ng/ul
RT: 14.80 min Scan# 1932
Delta R.T. 0.01 min
Lab File: BN000433.D
Acq: 16 Mar 2018 01:14

Tgt Ion:152 Resp: 117598

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.7	25.1
153	14.2	10.2	15.4



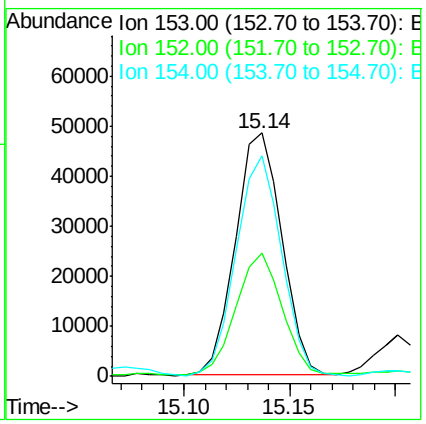


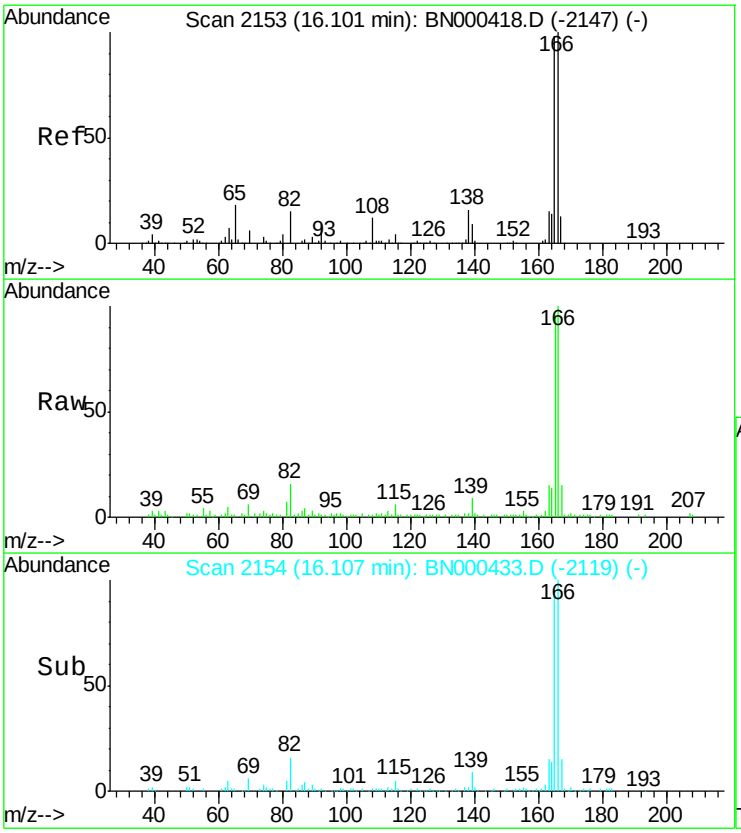
#9
Acenaphthene
Concen: 1.689 ng/ul
RT: 15.14 min Scan# 1989
Delta R.T. 0.01 min
Lab File: BN000433.D
Acq: 16 Mar 2018 01:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:153 Resp: 73832

Ion	Ratio	Lower	Upper
153	100		
152	50.6	39.0	58.6
154	90.5	66.8	100.2

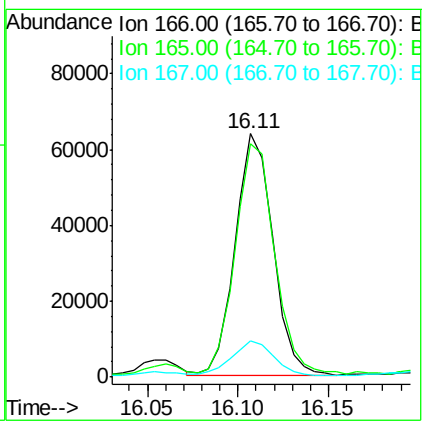


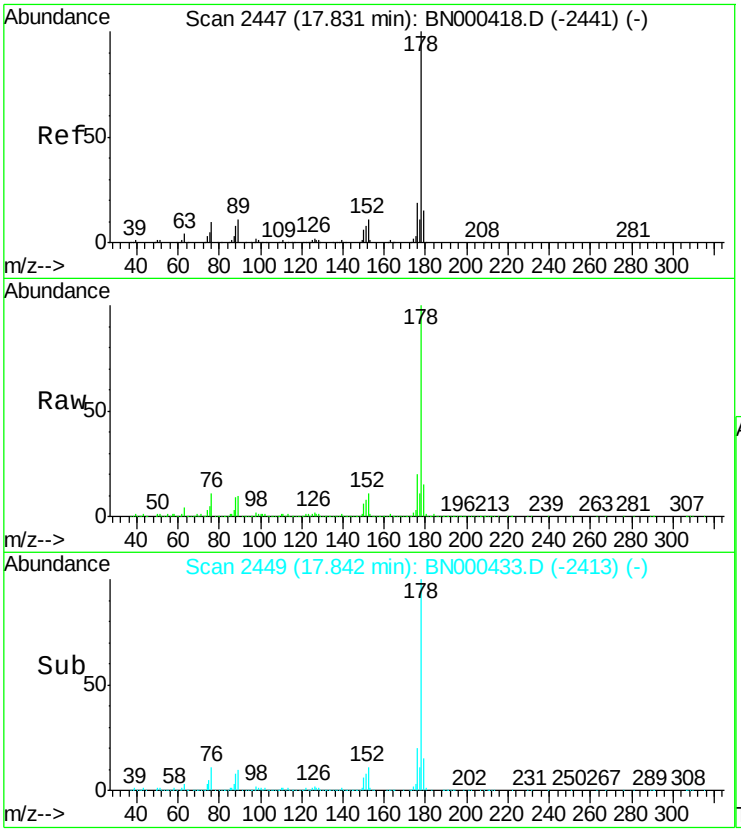


#11
Fluorene
Concen: 1.922 ng/ul
RT: 16.11 min Scan# 2154
Delta R.T. 0.01 min
Lab File: BN000433.D
Acq: 16 Mar 2018 01:14

Tgt Ion:166 Resp: 92695

Ion	Ratio	Lower	Upper
166	100		
165	95.8	83.8	125.8
167	14.8	11.5	17.3



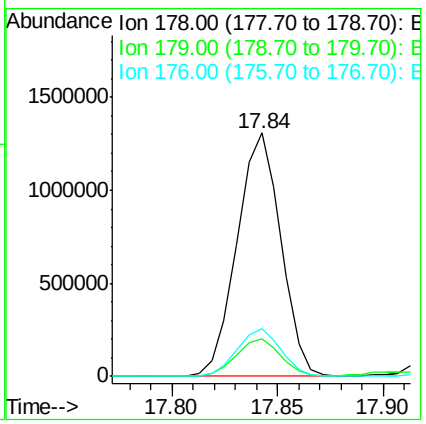


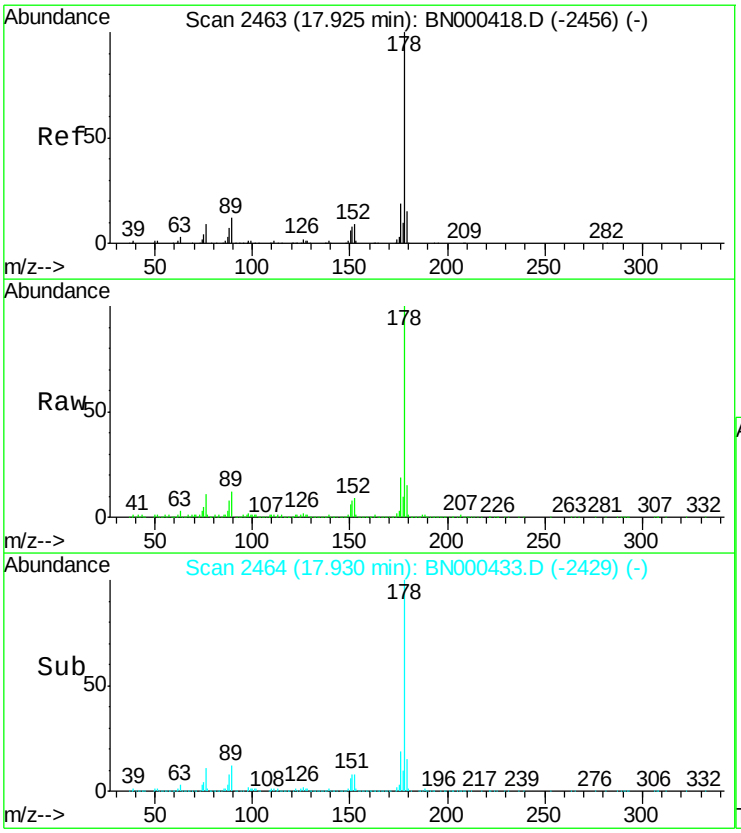
#13
Phenanthrene
Concen: 24.987 ng/ul
RT: 17.84 min Scan# 2449
Delta R.T. 0.01 min
Lab File: BN000433.D
Acq: 16 Mar 2018 01:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 1873845

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	19.6	15.1	22.7

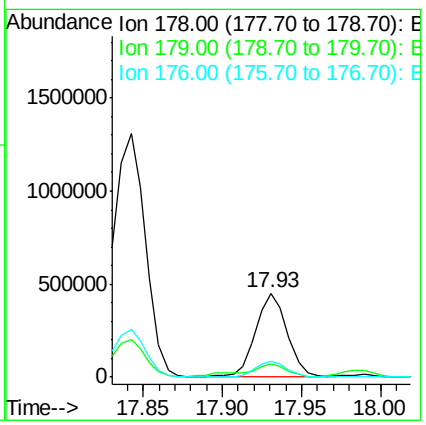


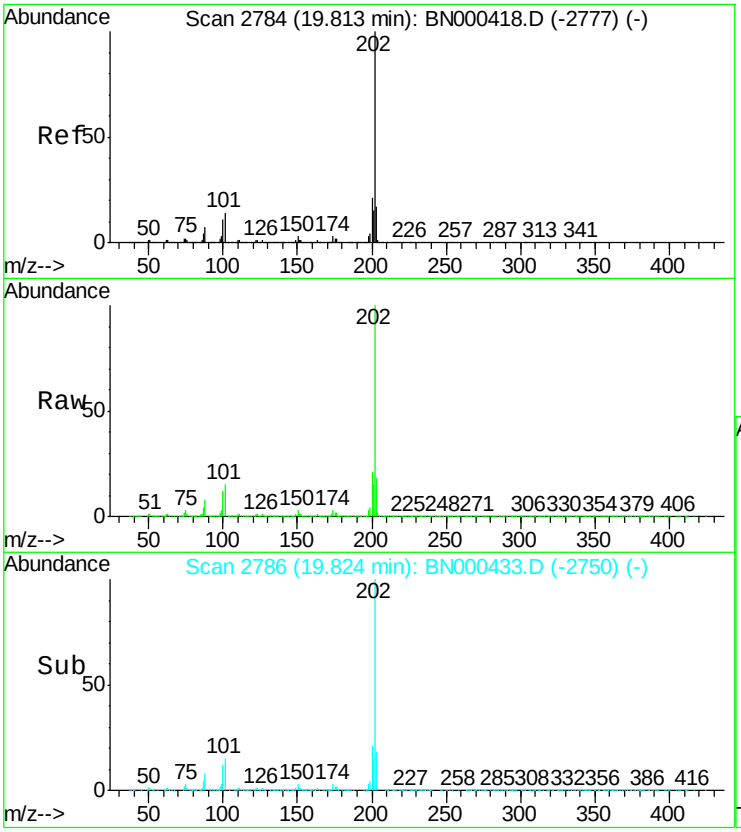


#15
Anthracene
Concen: 8.158 ng/ul
RT: 17.93 min Scan# 2464
Delta R.T. 0.01 min
Lab File: BN000433.D
Acq: 16 Mar 2018 01:14

Tgt Ion:178 Resp: 620755

Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.8	17.8
176	18.7	15.2	22.8



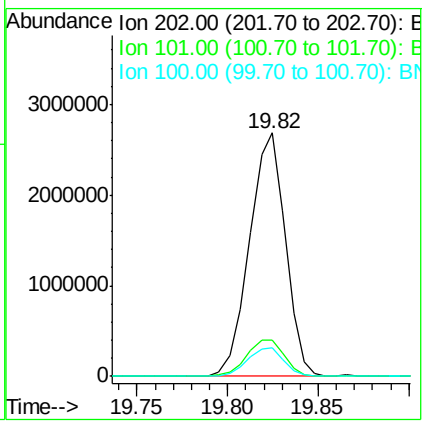


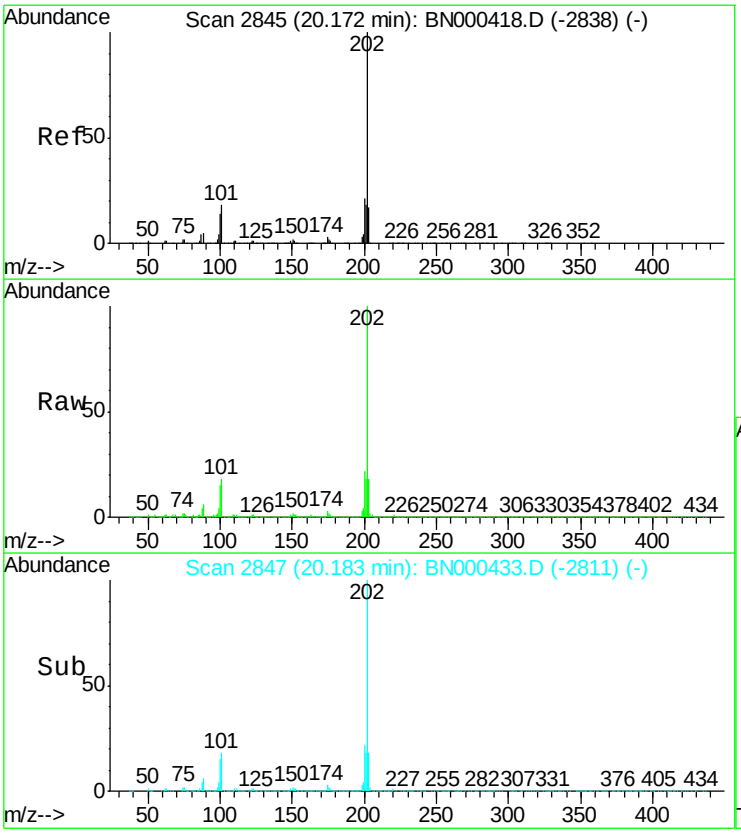
#16
Fluoranthene
Concen: 45.497 ng/ul
RT: 19.82 min Scan# 2786
Delta R.T. 0.01 min
Lab File: BN000433.D
Acq: 16 Mar 2018 01:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 3686488

Ion	Ratio	Lower	Upper
202	100		
101	15.1	9.9	14.9#
100	11.8	7.4	11.0#

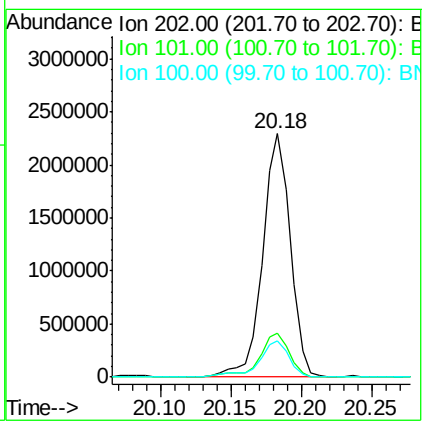


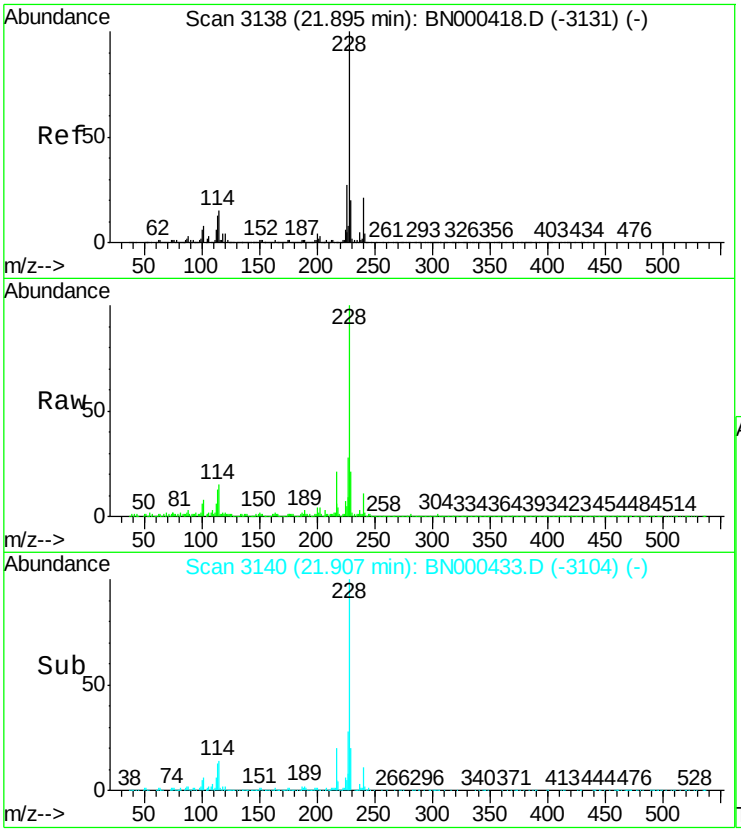


#19
Pyrene
Concen: 47.849 ng/ul
RT: 20.18 min Scan# 2847
Delta R.T. 0.01 min
Lab File: BN000433.D
Acq: 16 Mar 2018 01:14

Tgt Ion:202 Resp: 3149382

Ion	Ratio	Lower	Upper
202	100		
101	18.2	11.0	16.4#
100	14.9	8.1	12.1#



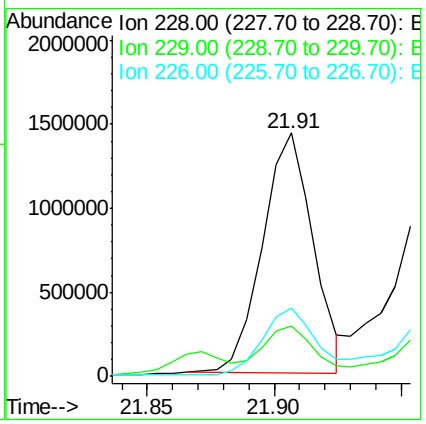


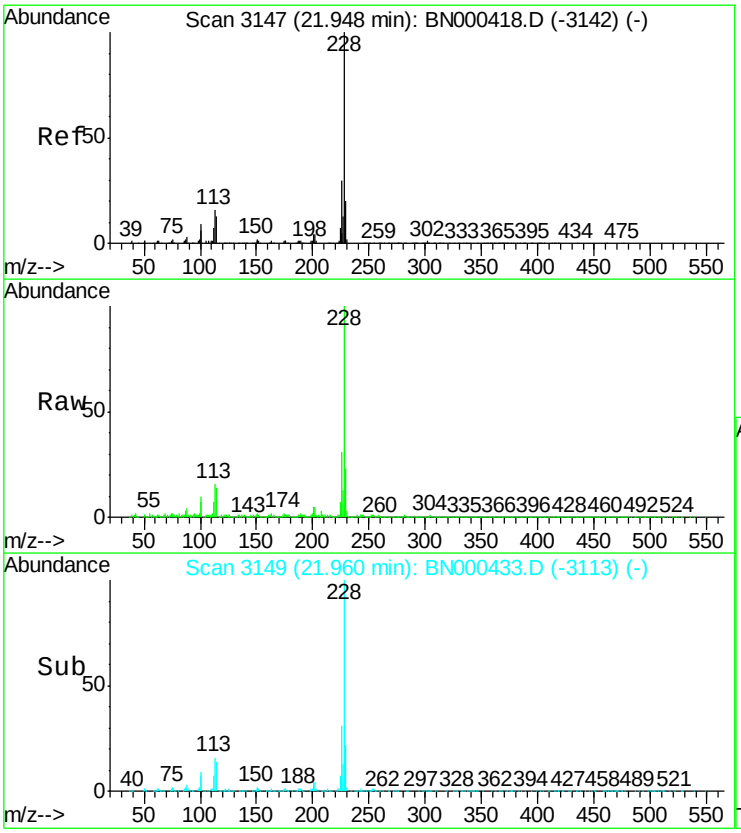
#20
Benzo(a)anthracene
Concen: 30.444 ng/ul
RT: 21.91 min Scan# 3140
Delta R.T. 0.01 min
Lab File: BN000433.D
Acq: 16 Mar 2018 01:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 1973052

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.7	23.5
226	28.2	21.1	31.7

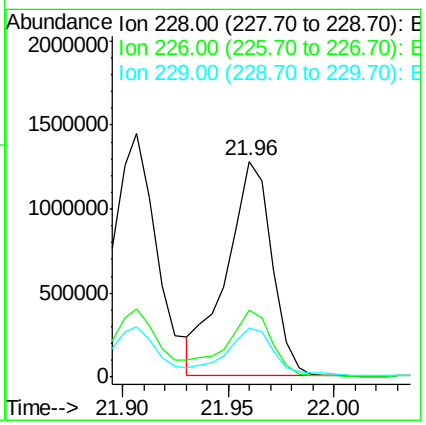


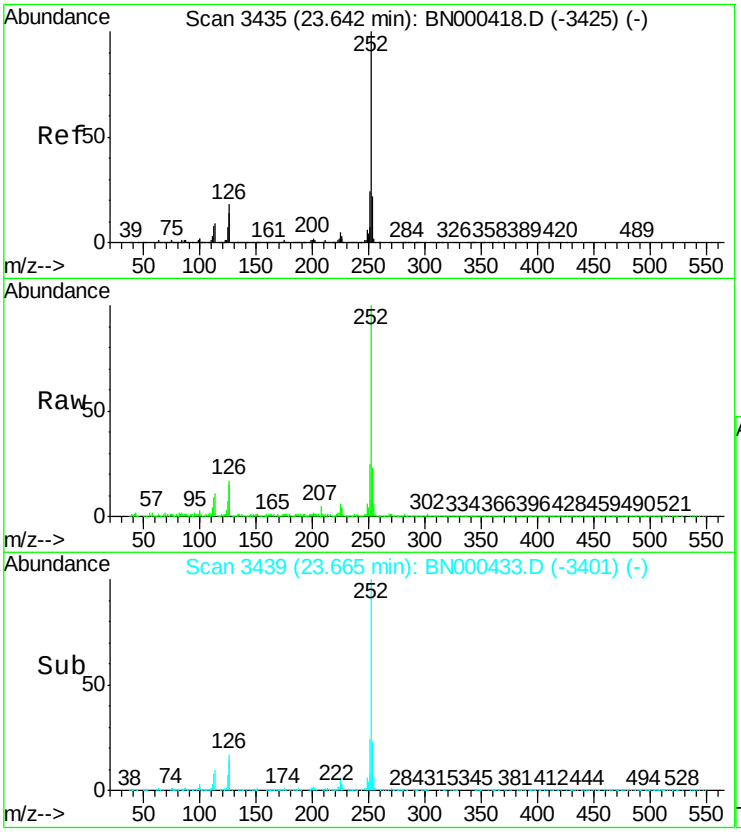


#21
Chrysene
Concen: 30.924 ng/ul
RT: 21.96 min Scan# 3149
Delta R.T. 0.01 min
Lab File: BN000433.D
Acq: 16 Mar 2018 01:14

Tgt Ion:228 Resp: 1901936

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.5	36.7
229	22.9	15.8	23.8



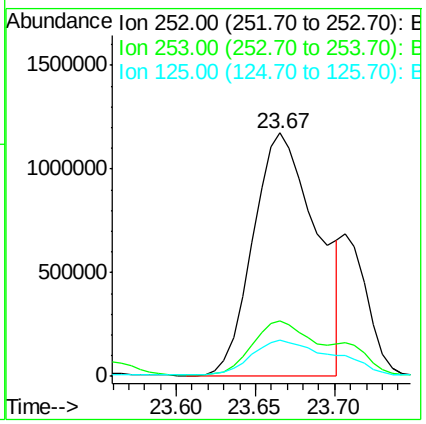


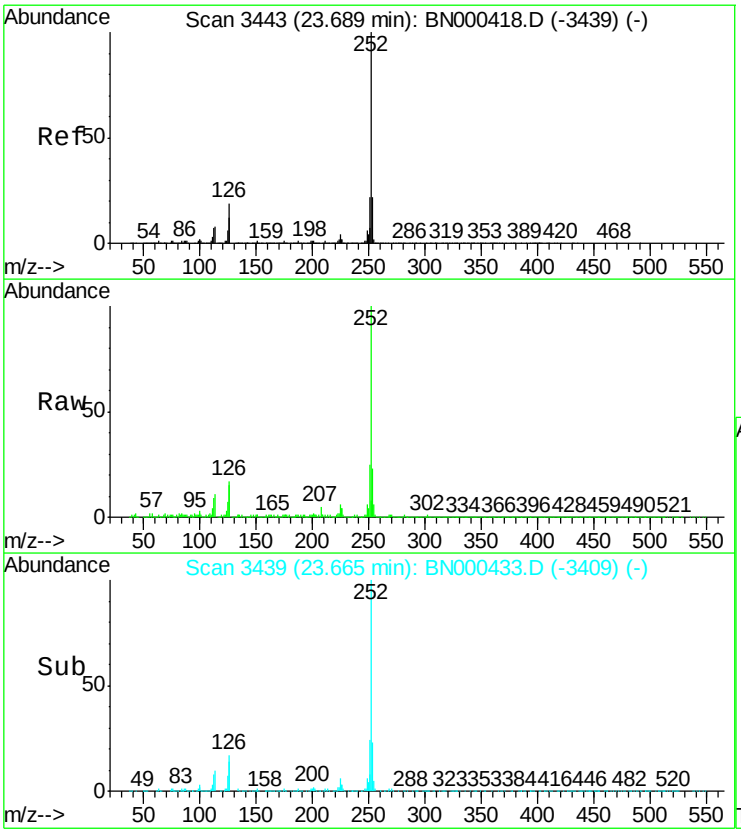
#23
Benzo(b)fluoranthene
Concen: 55.022 ng/ul
RT: 23.67 min Scan# 3439
Delta R.T. 0.02 min
Lab File: BN000433.D
Acq: 16 Mar 2018 01:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 3273774

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	14.7	8.0	12.0#

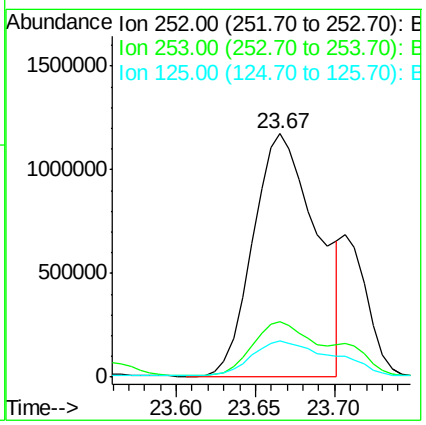


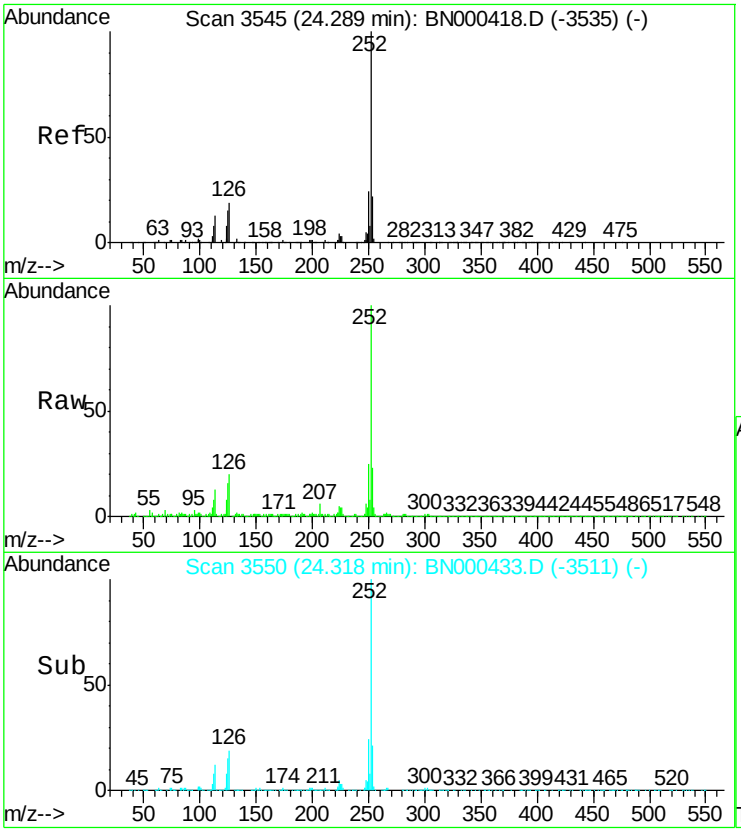


#24
Benzo(k)fluoranthene
Concen: 58.782 ng/ul
RT: 23.67 min Scan# 3439
Delta R.T. -0.02 min
Lab File: BN000433.D
Acq: 16 Mar 2018 01:14

Tgt Ion:252 Resp: 3273774

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	14.7	8.1	12.1#



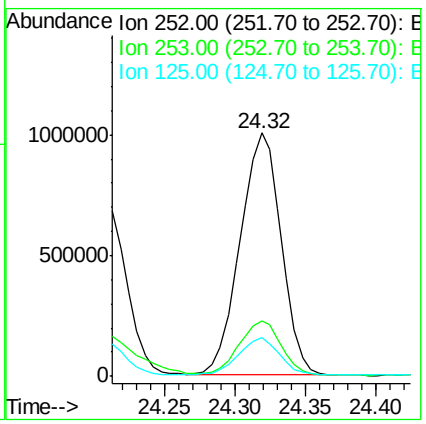


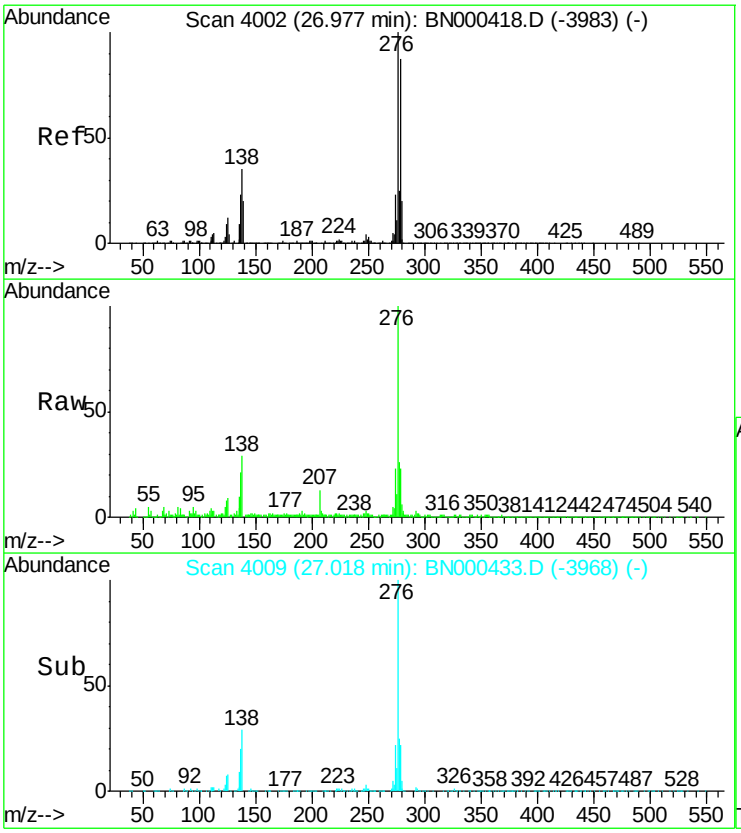
#26
Benzo(a)pyrene
Concen: 36.174 ng/ul
RT: 24.32 min Scan# 3550
Delta R.T. 0.03 min
Lab File: BN000433.D
Acq: 16 Mar 2018 01:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 2048454

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	15.9	8.2	12.4#

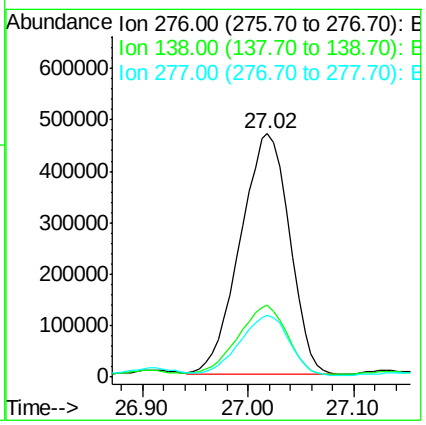


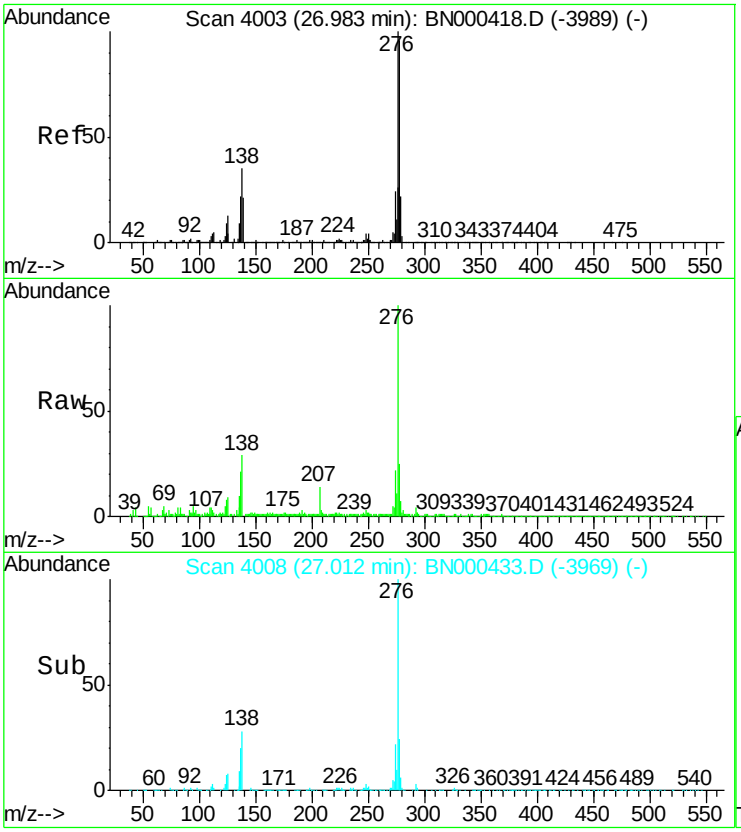


#27
Indeno(1,2,3-cd)pyrene
Concen: 24.855 ng/ul
RT: 27.02 min Scan# 4009
Delta R.T. 0.04 min
Lab File: BN000433.D
Acq: 16 Mar 2018 01:14

Tgt Ion:276 Resp: 1517561

Ion	Ratio	Lower	Upper
276	100		
138	29.4	14.4	21.6#
277	25.5	18.0	27.0



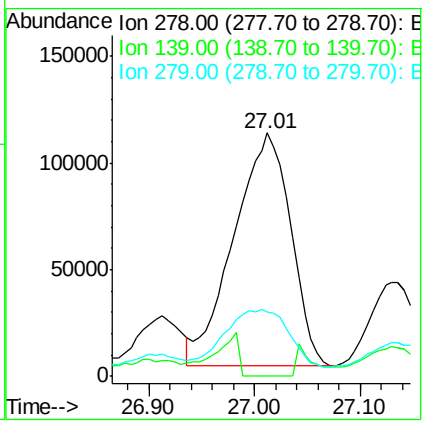


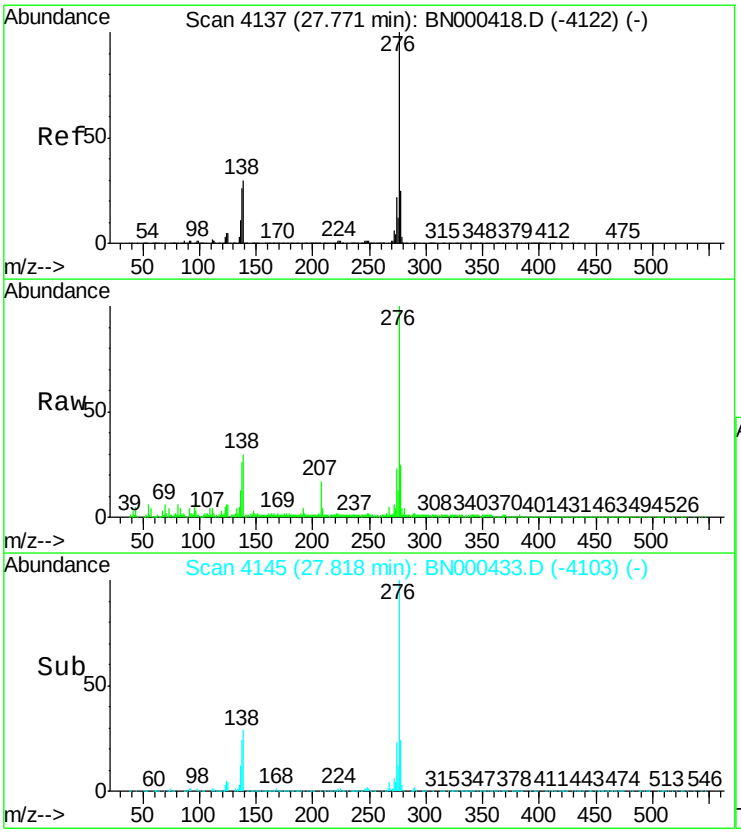
#28
Dibenzo(a,h)anthracene
Concen: 8.153 ng/ul
RT: 27.01 min Scan# 4008
Delta R.T. 0.03 min
Lab File: BN000433.D
Acq: 16 Mar 2018 01:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 408013

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	26.5	19.2	28.8





#29
Benzo(g,h,i)perylene
Concen: 25.428 ng/ul
RT: 27.82 min Scan# 4145
Delta R.T. 0.05 min
Lab File: BN000433.D
Acq: 16 Mar 2018 01:14

Tgt Ion:276 Resp: 1296345

Ion	Ratio	Lower	Upper
276	100		
138	29.6	15.3	22.9#
277	24.9	19.0	28.4