Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042318\
Data File : BN000839.D
Acq On : 23 Apr 2018 22:10
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Apr 24 01:00:58 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN041918-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 24 00:59:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	117333	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	494133	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	247151	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	492448	20.00	ng/ul	0.00
18) Chrysene-d12	21.20	240	473831	20.00	ng/ul	0.00
23) Perylene-d12	23.39	264	489419	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.01	165	147429	20.97	ng/ul	0.00
7) Acenaphthylene-d8	13.94	160	509568	21.42	ng/ul	0.00
10) Fluorene-d10	15.25	176	332293	20.85	ng/ul	0.00
15) Anthracene-d10	17.10	188	475694	20.89	ng/ul	0.00
19) Pyrene-d10	19.40	212	482554	20.24	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.25	264	489061	21.19	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	10.43	128	517899	20.703	ng/ul	100
5) 2-Methylnaphthalene	12.05	142	341874	20.355	ng/ul	97
8) Acenaphthylene	13.97	152	499126	21.178	ng/ul	99
9) Acenaphthene	14.32	153	339319	20.848	ng/ul	99
11) Fluorene	15.30	166	370581	21.224	ng/ul	99
13) Pentachlorophenol	16.65	266	60466	20.320	ng/ul	99
14) Phenanthrene	17.04	178	562417	20.904	ng/ul	99
16) Anthracene	17.13	178	573833	21.094	ng/ul	99
17) Fluoranthene	19.06	202	593421	22.435	ng/ul#	75
20) Pyrene	19.43	202	613624	20.455	ng/ul#	70
21) Benzo(a)anthracene	21.19	228	587931	20.827	ng/ul	99
22) Chrysene	21.24	228	559446	20.954	ng/ul	99
24) Benzo(b)fluoranthene	22.74	252	574778	20.304	ng/ul#	95
25) Benzo(k)fluoranthene	22.78	252	576443	21.097	ng/ul#	94
27) Benzo(a)pyrene	23.29	252	564911	20.854	ng/ul#	94
28) Indeno(1,2,3-cd)pyrene	25.56	276	670755	22.172	ng/ul#	82
29) Dibenzo(a,h)anthracene	25.56	278	557713	22.043	ng/ul#	89
30) Benzo(g,h,i)perylene	26.22	276	557949	22.273	ng/ul#	85

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042318\
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Acq On : 23 Apr 2018 22:10
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ALS Vial : 2 Sample Multiplier: 1

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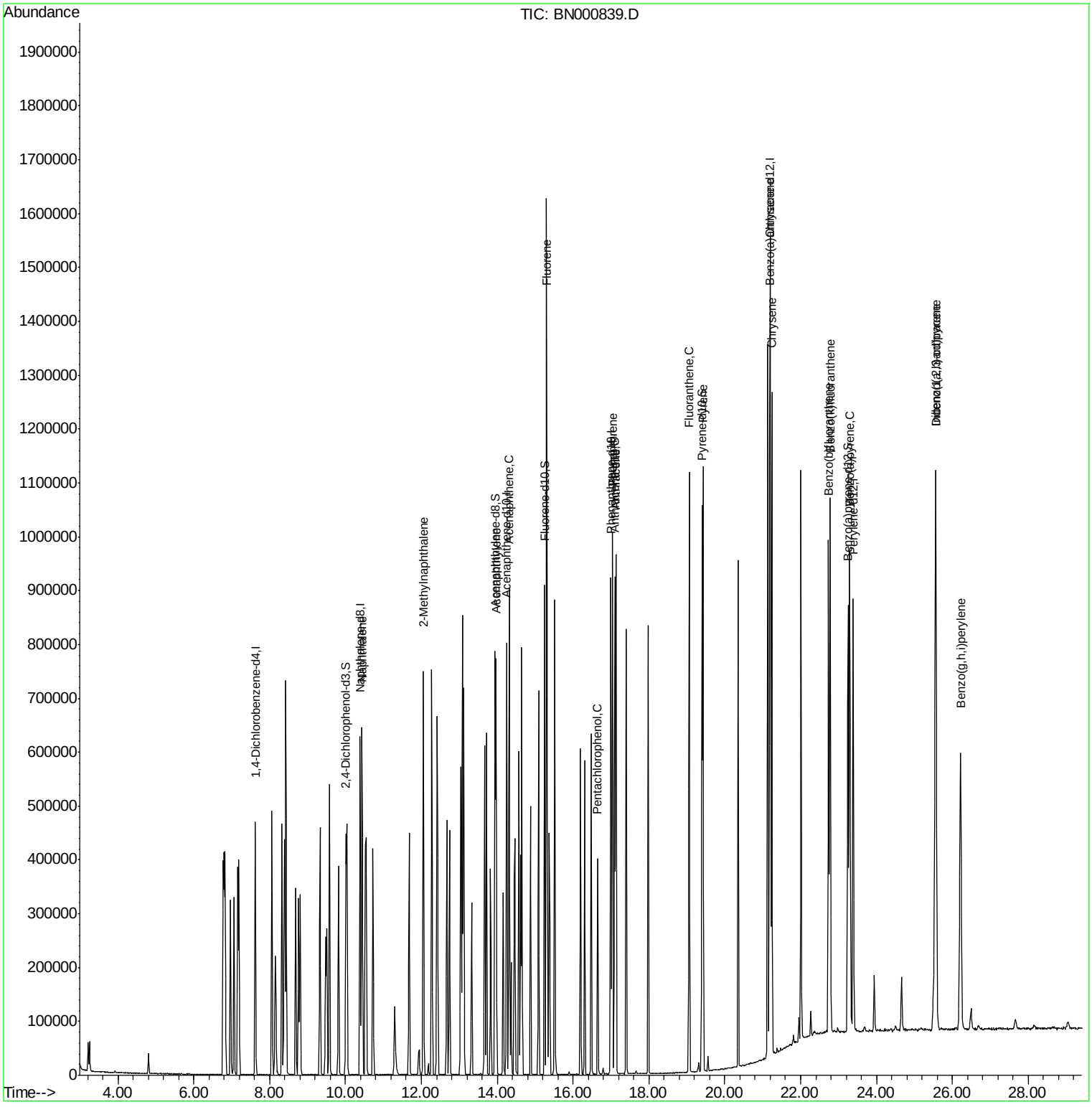
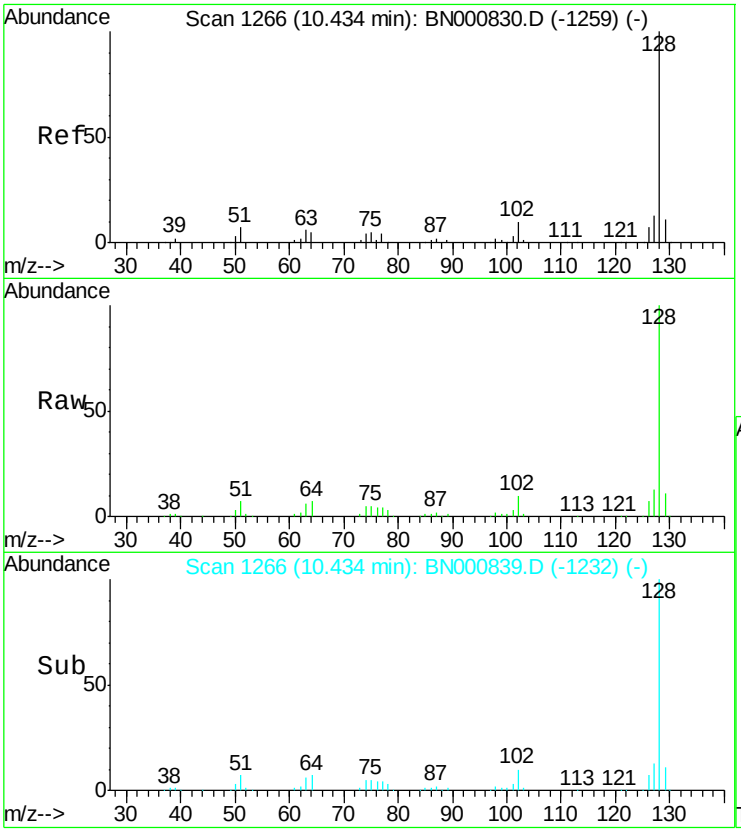


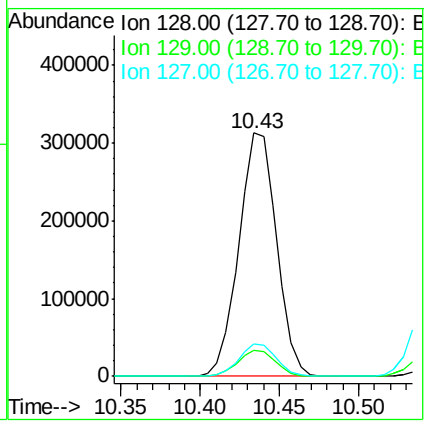


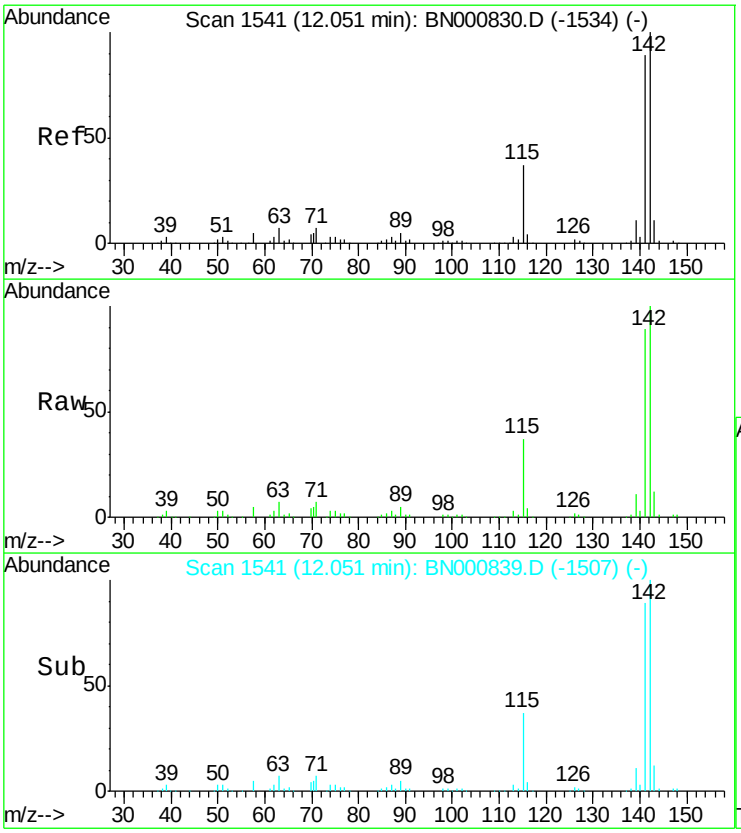
#4
Naphthalene
Concen: 20.703 ng/ul
RT: 10.43 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BN000839.D
Acq: 23 Apr 2018 22:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 517899

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.2	10.6	16.0

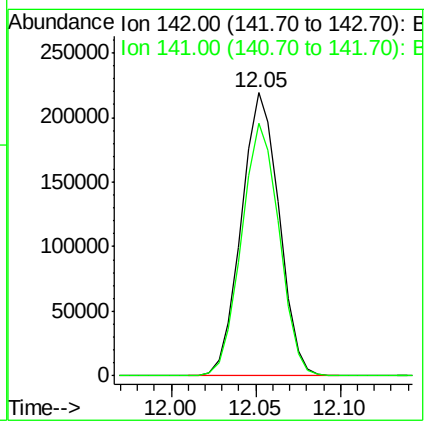


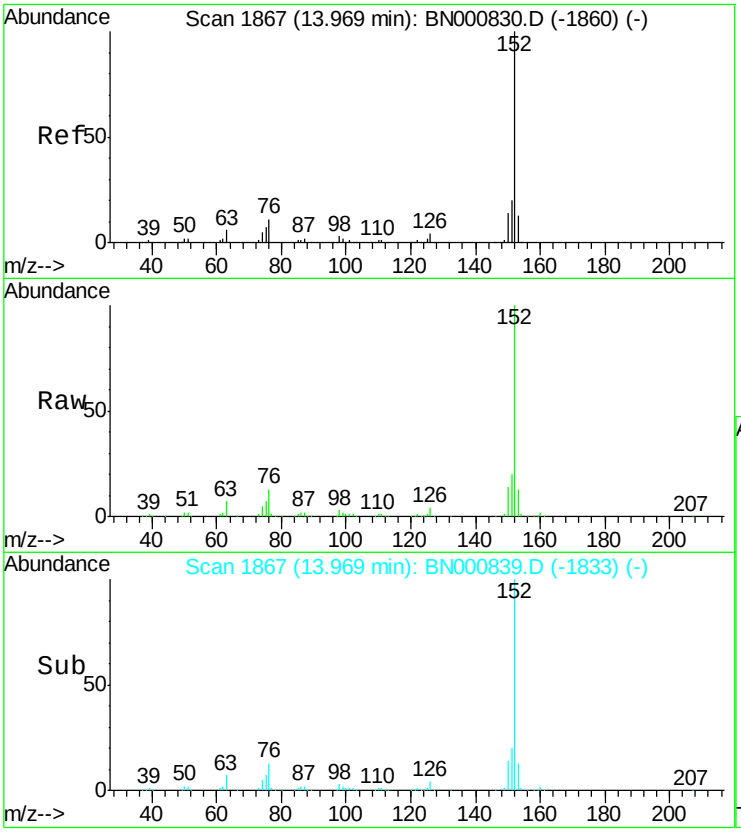


#5
2-Methylnaphthalene
Concen: 20.355 ng/ul
RT: 12.05 min Scan# 1541
Delta R.T. 0.00 min
Lab File: BN000839.D
Acq: 23 Apr 2018 22:10

Tgt Ion:142 Resp: 341874

Ion	Ratio	Lower	Upper
142	100		
141	89.4	74.1	111.1



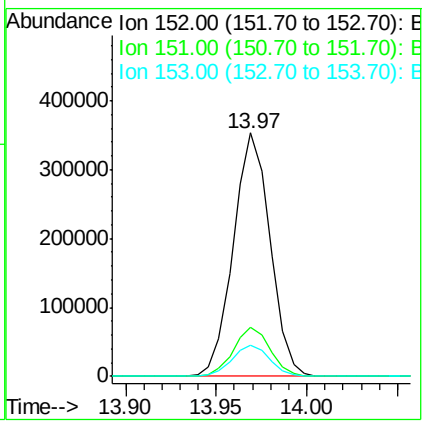


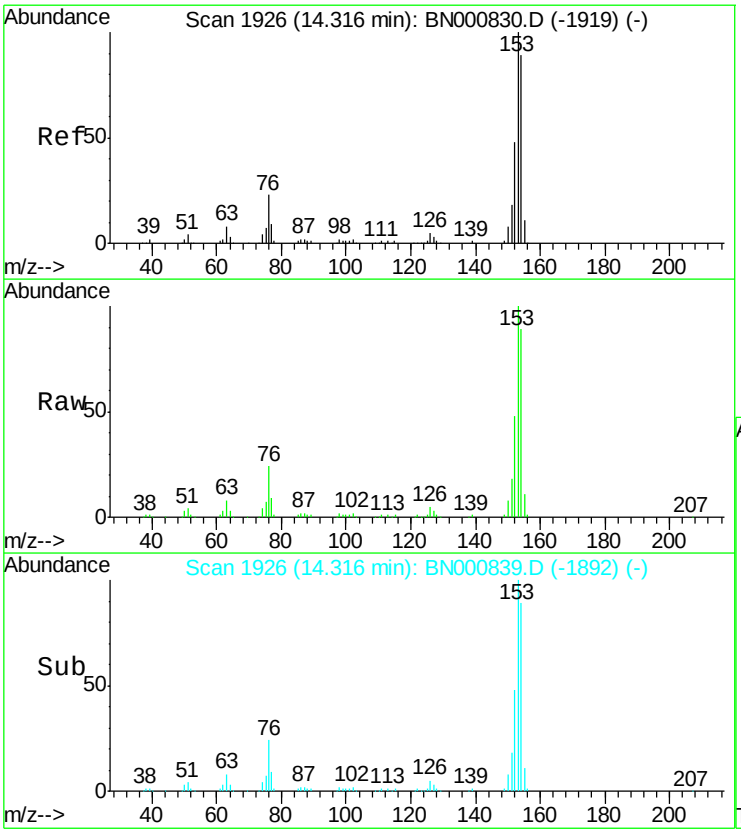
#8
Acenaphthylene
Concen: 21.178 ng/ul
RT: 13.97 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BN000839.D
Acq: 23 Apr 2018 22:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 499126

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	13.0	10.2	15.4

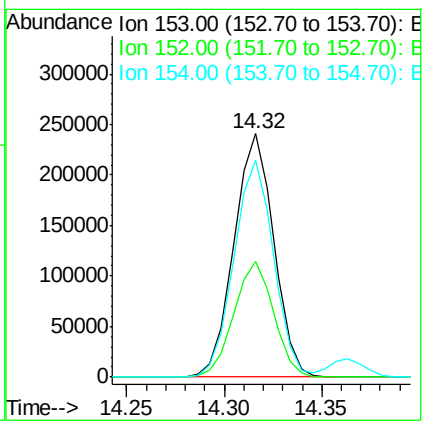


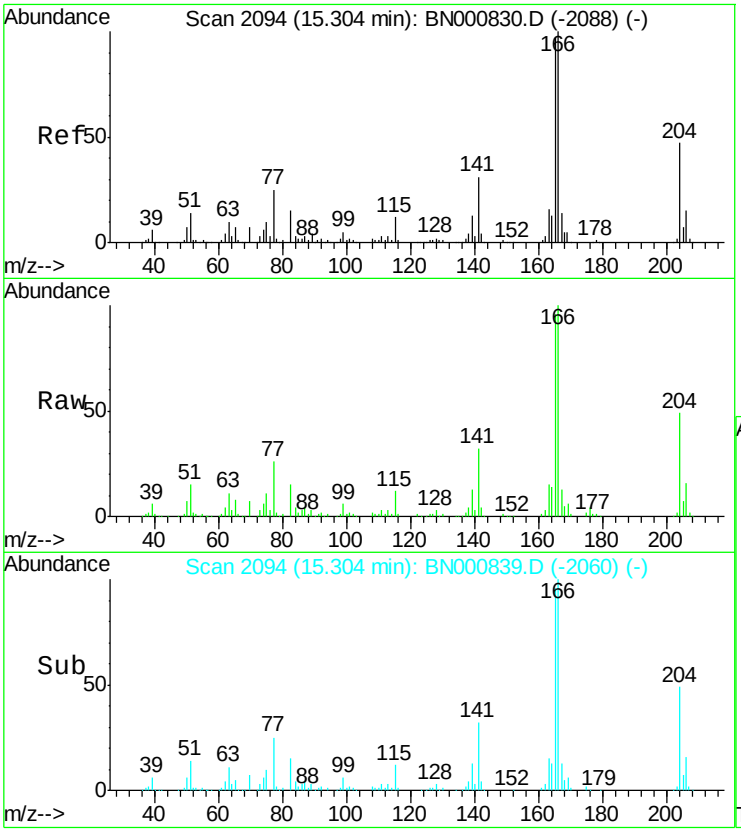


#9
Acenaphthene
Concen: 20.848 ng/ul
RT: 14.32 min Scan# 1926
Delta R.T. 0.00 min
Lab File: BN000839.D
Acq: 23 Apr 2018 22:10

Tgt Ion:153 Resp: 339319

Ion	Ratio	Lower	Upper
153	100		
152	47.5	37.6	56.4
154	89.3	70.4	105.6



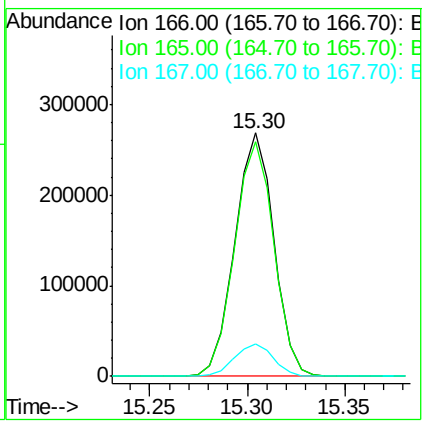


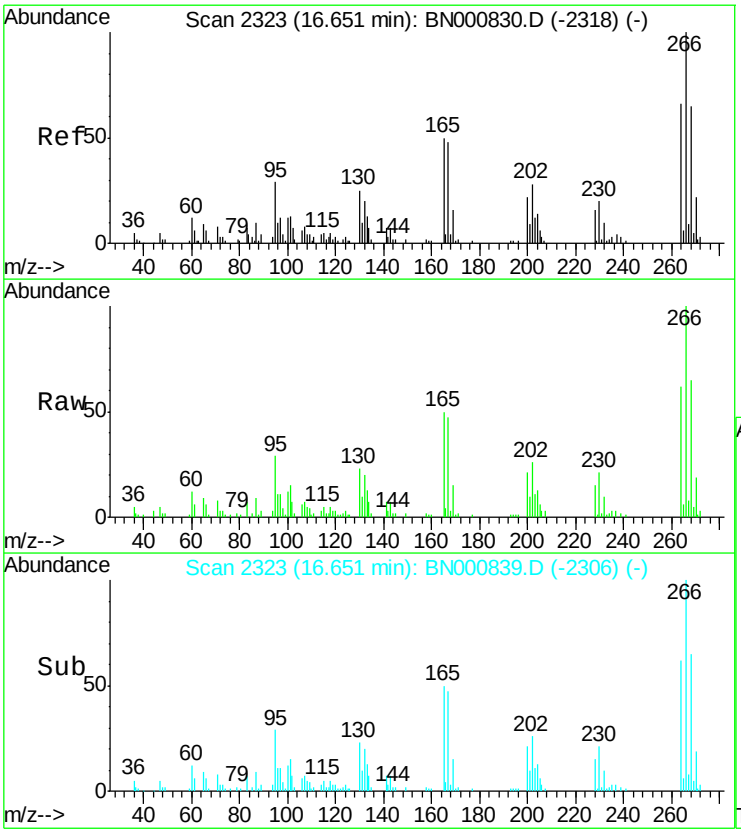
#11
Fluorene
Concen: 21.224 ng/ul
RT: 15.30 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BN000839.D
Acq: 23 Apr 2018 22:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 370581

Ion	Ratio	Lower	Upper
166	100		
165	96.4	77.9	116.9
167	13.3	10.6	16.0

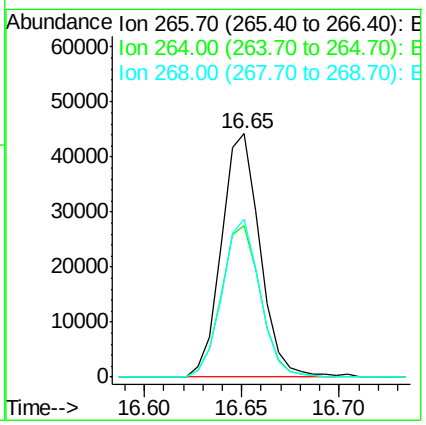


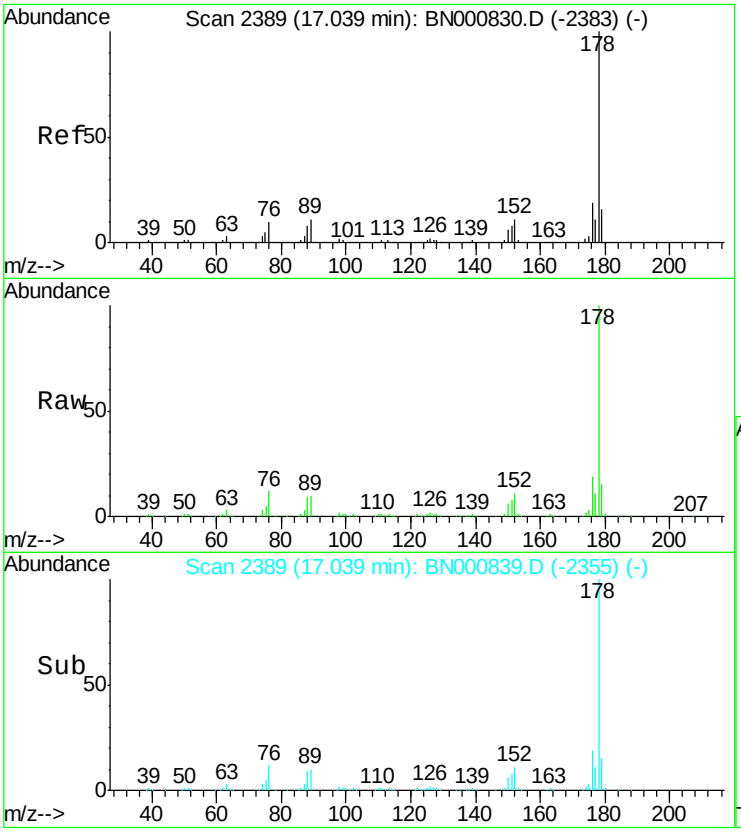


#13
Pentachlorophenol
Concen: 20.320 ng/ul
RT: 16.65 min Scan# 2323
Delta R.T. 0.00 min
Lab File: BN000839.D
Acq: 23 Apr 2018 22:10

Tgt Ion:266 Resp: 60466

Ion	Ratio	Lower	Upper
266	100		
264	62.5	49.3	73.9
268	65.0	52.6	78.8



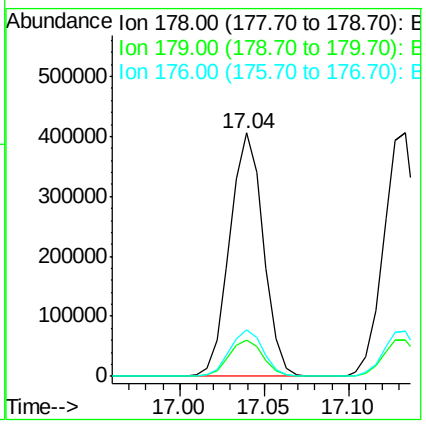


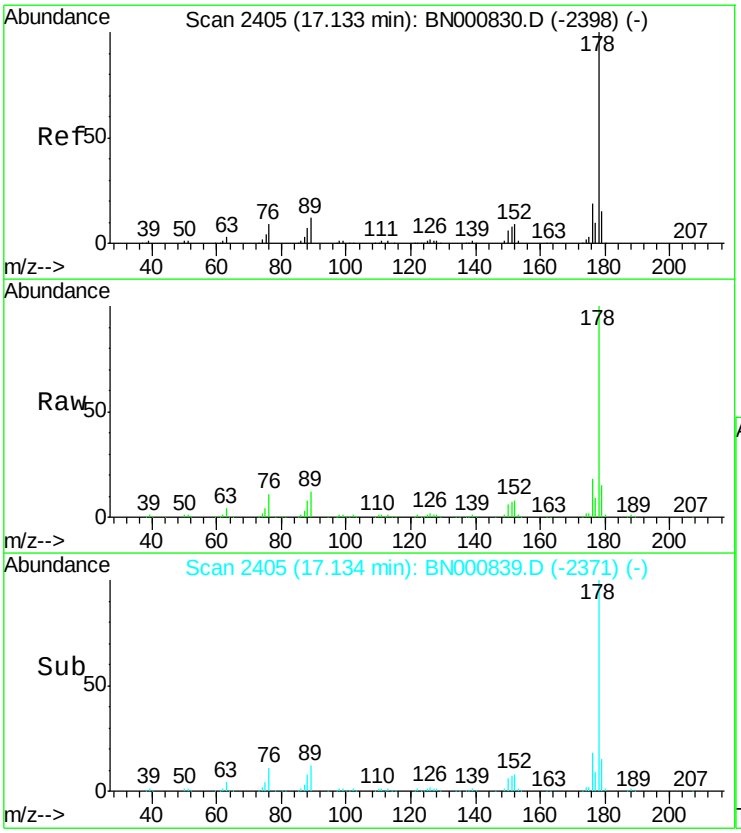
#14
Phenanthrene
Concen: 20.904 ng/ul
RT: 17.04 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BN000839.D
Acq: 23 Apr 2018 22:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 562417

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	19.0	14.9	22.3

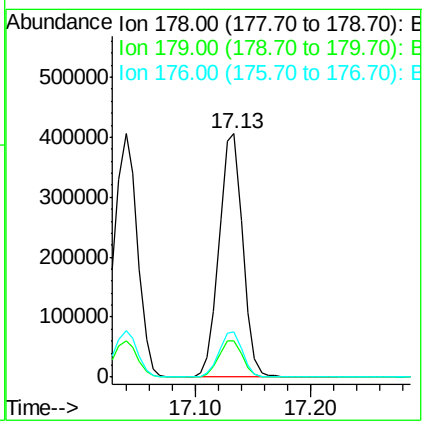


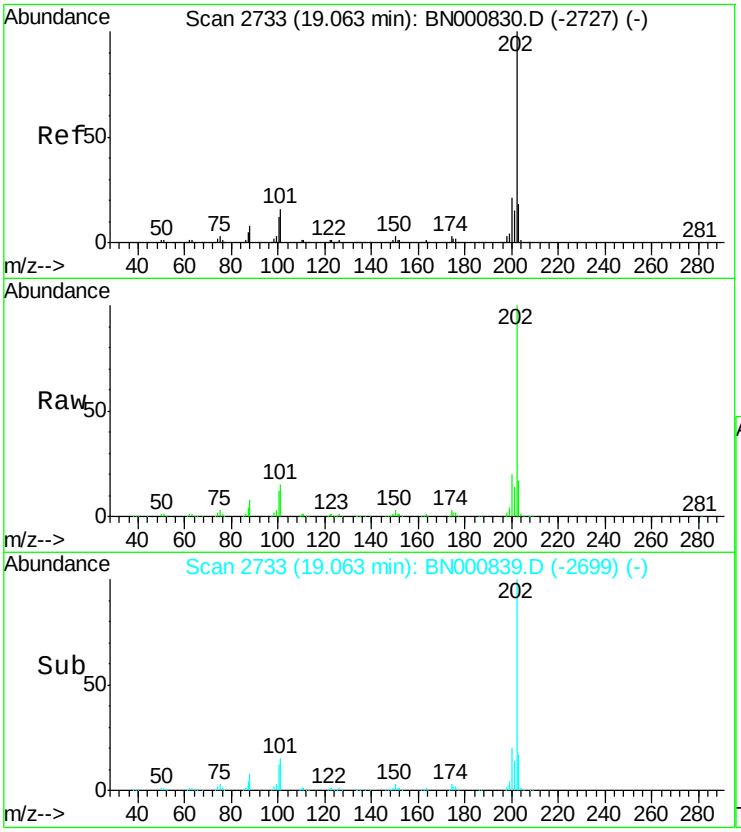


#16
Anthracene
Concen: 21.094 ng/ul
RT: 17.13 min Scan# 2405
Delta R.T. 0.00 min
Lab File: BN000839.D
Acq: 23 Apr 2018 22:10

Tgt Ion:178 Resp: 573833

Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.7	17.5
176	18.4	14.6	21.8



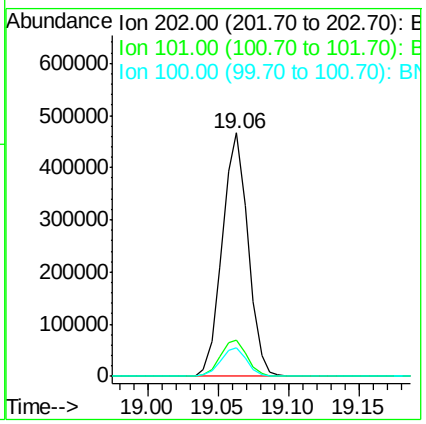


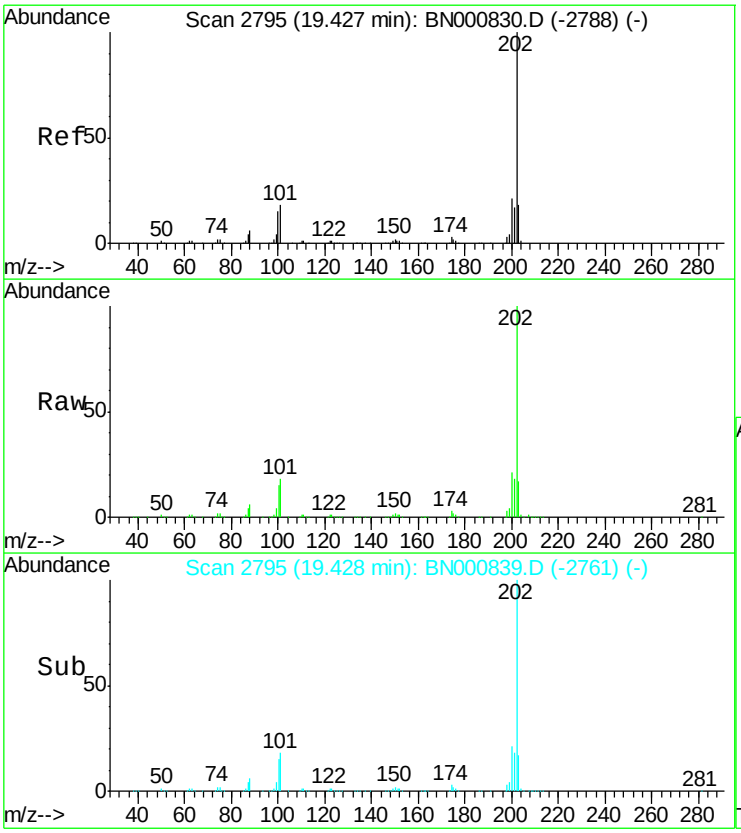
#17
Fluoranthene
Concen: 22.435 ng/ul
RT: 19.06 min Scan# 2733
Delta R.T. 0.00 min
Lab File: BN000839.D
Acq: 23 Apr 2018 22:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 593421

Ion	Ratio	Lower	Upper
202	100		
101	15.1	4.6	7.0#
100	11.5	3.4	5.2#

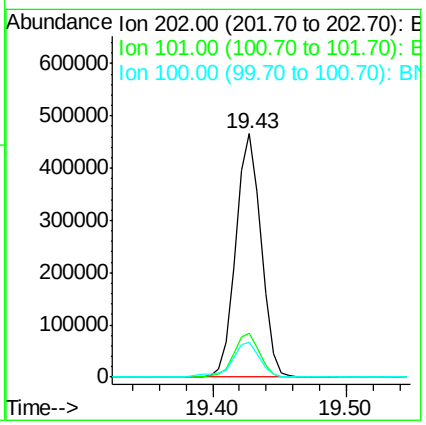


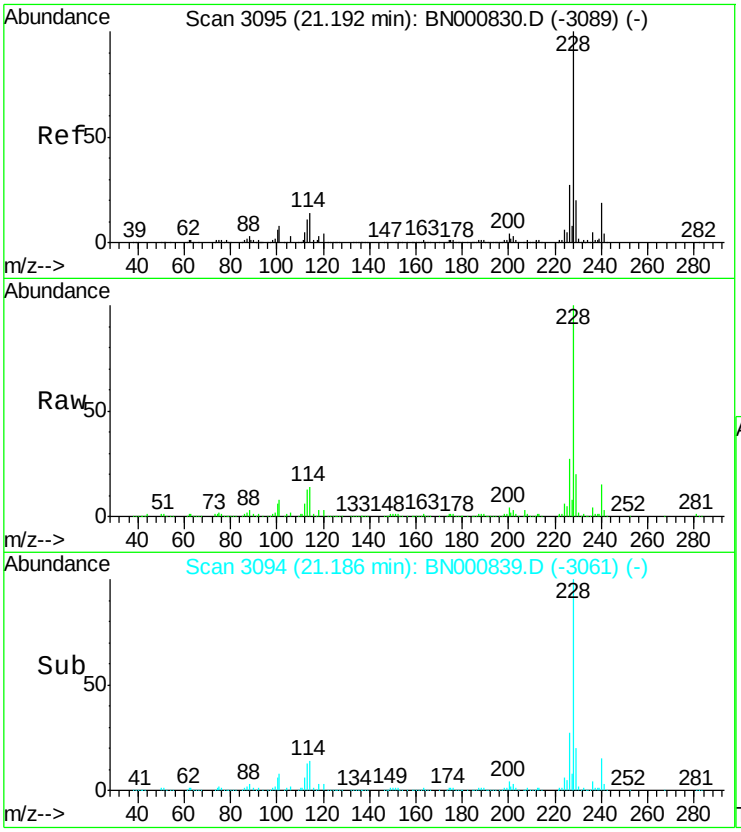


#20
Pyrene
Concen: 20.455 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BN000839.D
Acq: 23 Apr 2018 22:10

Tgt Ion:202 Resp: 613624

Ion	Ratio	Lower	Upper
202	100		
101	18.0	5.1	7.7#
100	14.5	4.9	7.3#



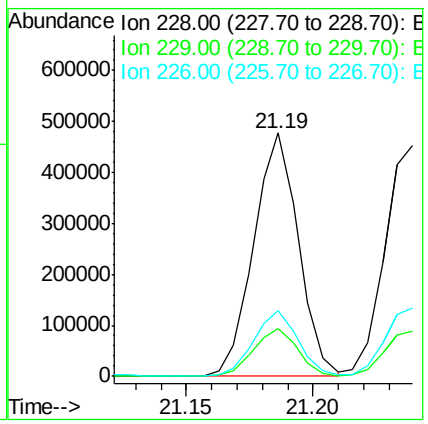


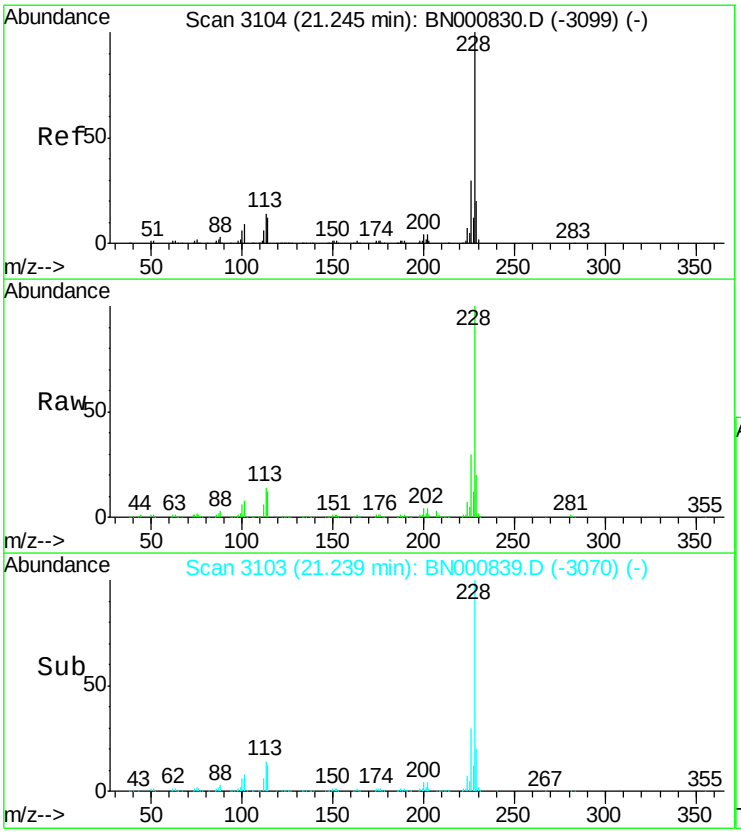
#21
Benzo(a)anthracene
Concen: 20.827 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BN000839.D
Acq: 23 Apr 2018 22:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 587931

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.4	23.0
226	27.0	21.4	32.0

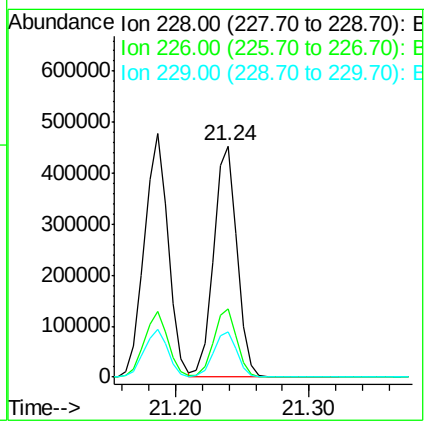


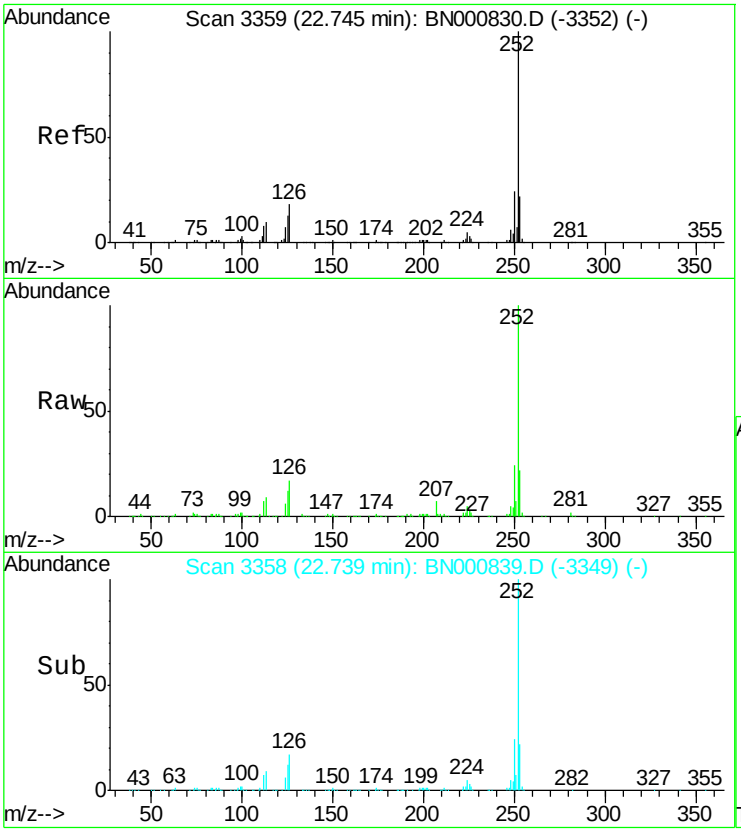


#22
Chrysene
Concen: 20.954 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BN000839.D
Acq: 23 Apr 2018 22:10

Tgt Ion:228 Resp: 559446

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.2
229	19.8	15.5	23.3



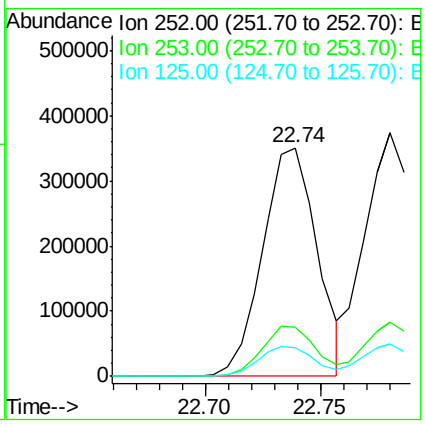


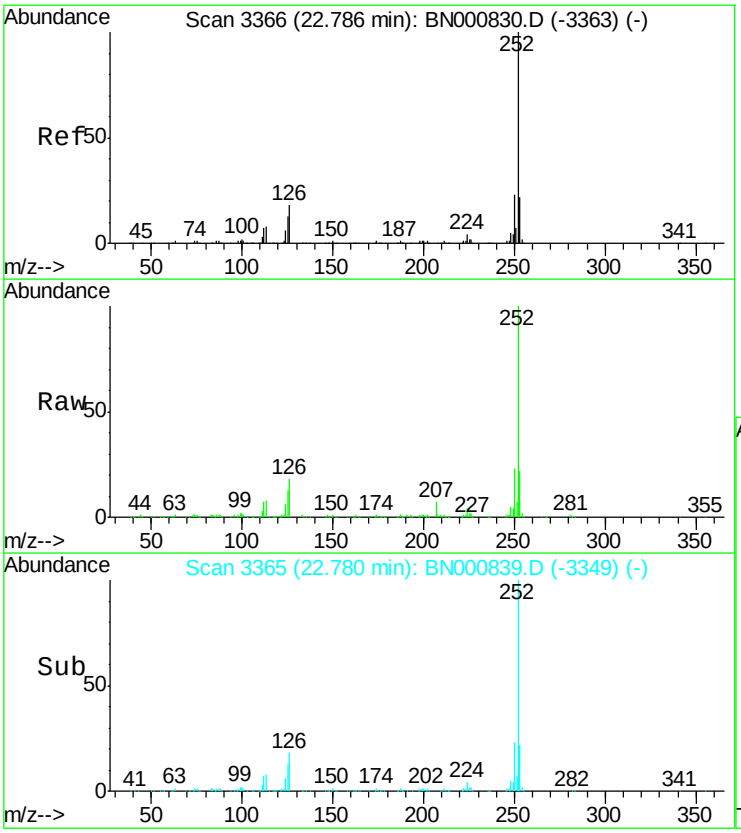
#24
Benzo(b)fluoranthene
Concen: 20.304 ng/ul
RT: 22.74 min Scan# 3358
Delta R.T. -0.01 min
Lab File: BN000839.D
Acq: 23 Apr 2018 22:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 574778

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	12.5	3.6	5.4#

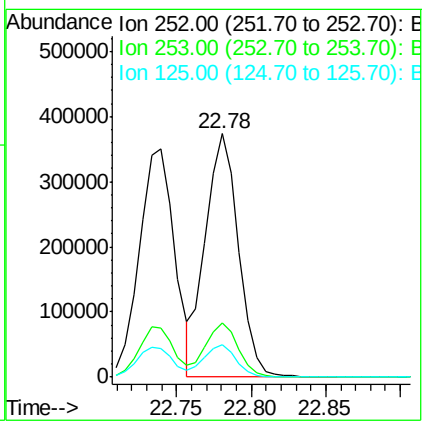


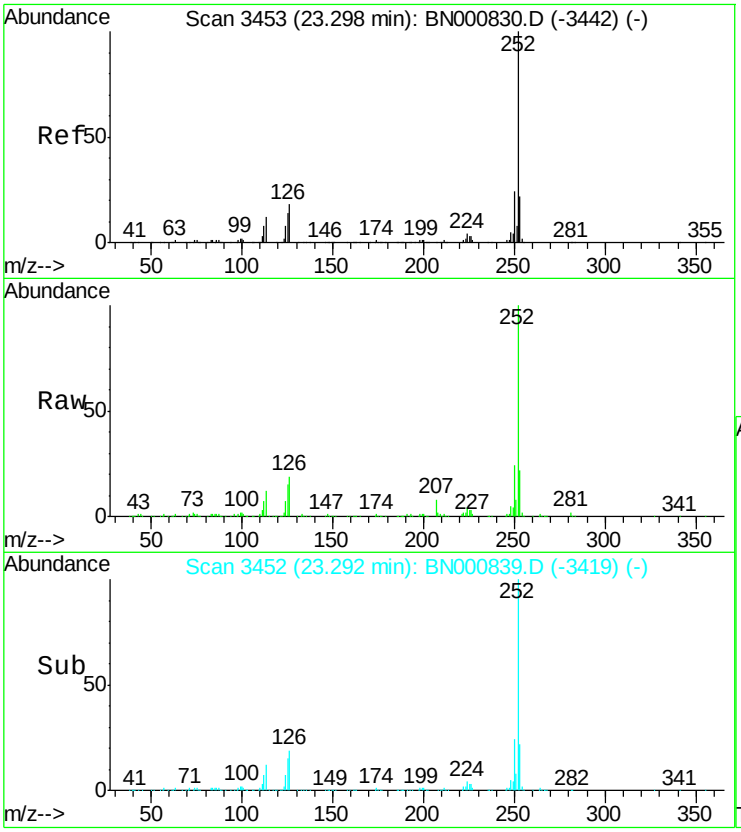


#25
Benzo(k)fluoranthene
Concen: 21.097 ng/ul
RT: 22.78 min Scan# 3365
Delta R.T. -0.01 min
Lab File: BN000839.D
Acq: 23 Apr 2018 22:10

Tgt Ion:252 Resp: 576443

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	13.2	3.4	5.2#



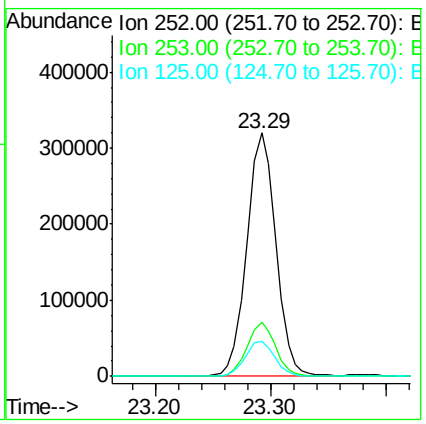


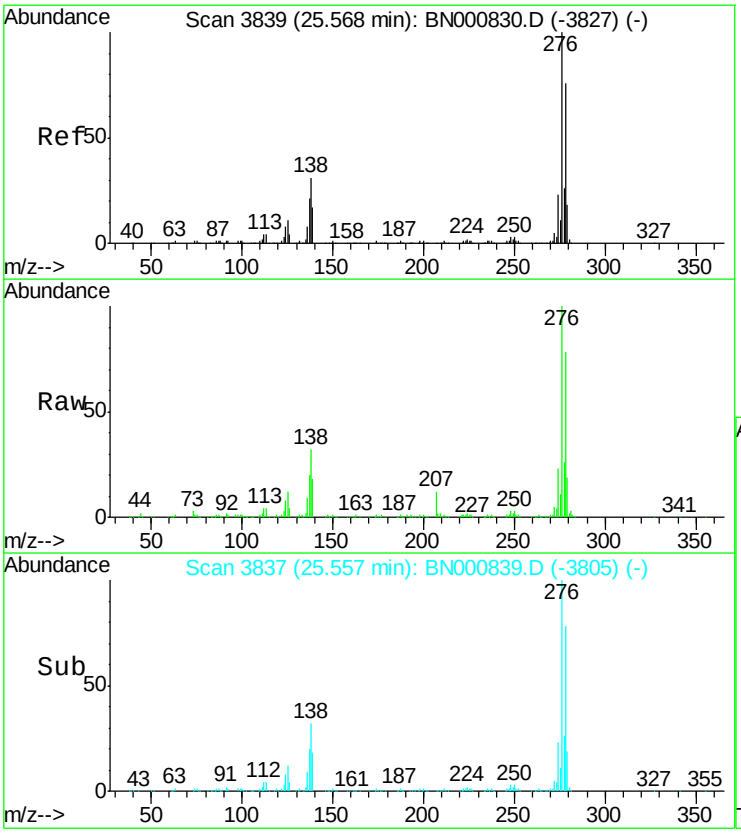
#27
Benzo(a)pyrene
Concen: 20.854 ng/ul
RT: 23.29 min Scan# 3452
Delta R.T. -0.01 min
Lab File: BN000839.D
Acq: 23 Apr 2018 22:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 564911

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	14.6	4.0	6.0#

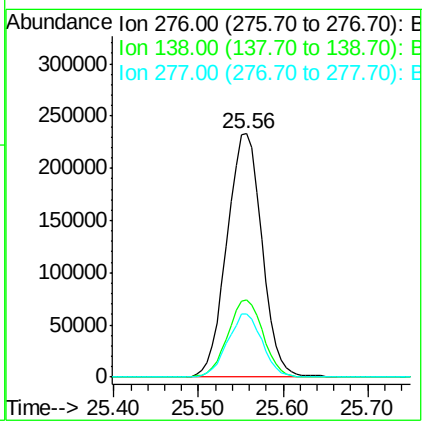


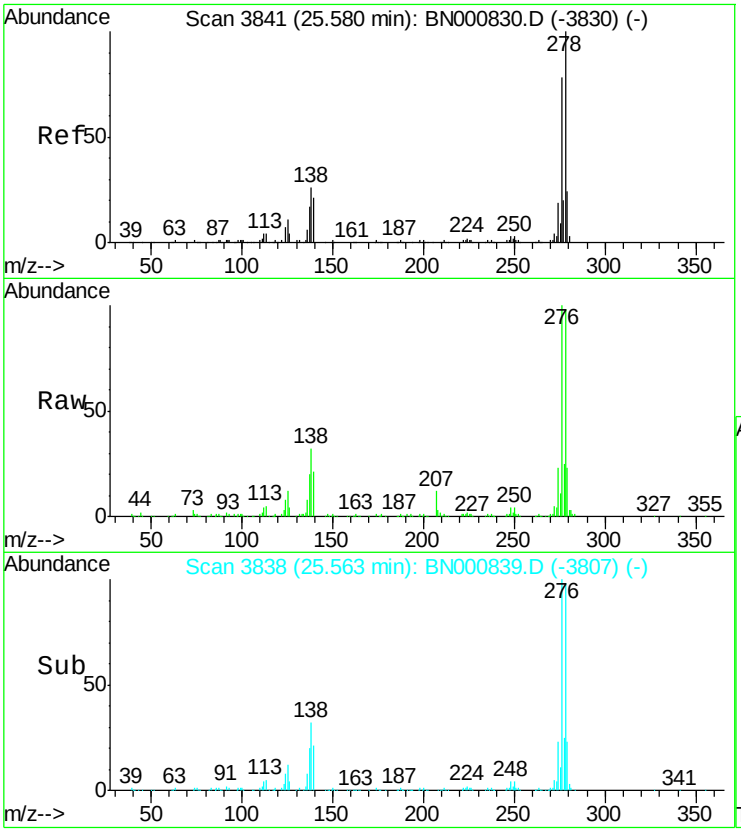


#28
Indeno(1,2,3-cd)pyrene
Concen: 22.172 ng/ul
RT: 25.56 min Scan# 3837
Delta R.T. -0.01 min
Lab File: BN000839.D
Acq: 23 Apr 2018 22:10

Tgt Ion:276 Resp: 670755

Ion	Ratio	Lower	Upper
276	100		
138	32.0	9.3	13.9#
277	25.9	19.9	29.9



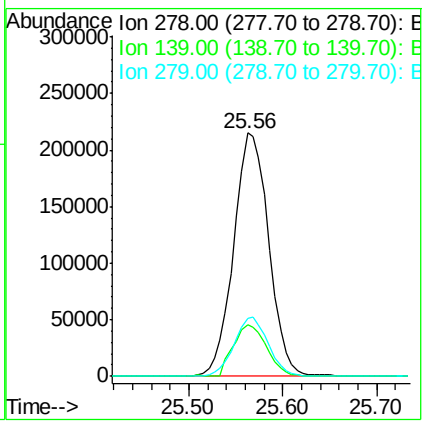


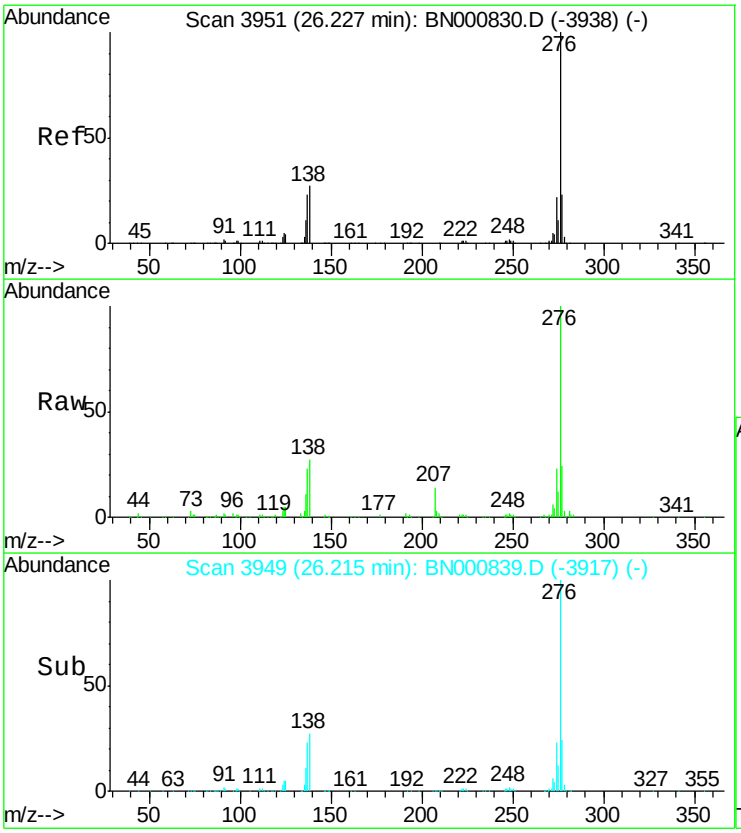
#29
Dibenzo(a,h)anthracene
Concen: 22.043 ng/ul
RT: 25.56 min Scan# 3838
Delta R.T. -0.02 min
Lab File: BN000839.D
Acq: 23 Apr 2018 22:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 557713

Ion	Ratio	Lower	Upper
278	100		
139	21.1	5.8	8.8#
279	23.9	18.6	27.8





#30
Benzo(g,h,i)perylene
Concen: 22.273 ng/ul
RT: 26.22 min Scan# 3949
Delta R.T. -0.01 min
Lab File: BN000839.D
Acq: 23 Apr 2018 22:10

Tgt Ion:276 Resp: 557949

Ion	Ratio	Lower	Upper
276	100		
138	27.2	8.5	12.7#
277	24.0	18.6	28.0