Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042318\
Data File : BN000821.D
Acq On : 23 Apr 2018 10:43
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Apr 23 23:57:46 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN041918-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 21 03:47:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	110821	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	470505	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	240087	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	485503	20.00	ng/ul	0.00
18) Chrysene-d12	21.21	240	467710	20.00	ng/ul	0.00
23) Perylene-d12	23.40	264	479096	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.01	165	141707	21.17	ng/ul	0.00
7) Acenaphthylene-d8	13.94	160	492347	21.31	ng/ul	0.00
10) Fluorene-d10	15.25	176	325257	21.01	ng/ul	0.00
15) Anthracene-d10	17.10	188	474707	21.15	ng/ul	0.00
19) Pyrene-d10	19.40	212	480856	20.43	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.27	264	478816	21.20	ng/ul	0.01
Target Compounds						Qvalue
4) Naphthalene	10.43	128	493013	20.697	ng/ul	100
5) 2-Methylnaphthalene	12.05	142	328662	20.551	ng/ul	97
8) Acenaphthylene	13.97	152	486499	21.249	ng/ul	99
9) Acenaphthene	14.32	153	332982	21.061	ng/ul	99
11) Fluorene	15.30	166	363247	21.416	ng/ul	99
13) Pentachlorophenol	16.65	266	59074	20.137	ng/ul	97
14) Phenanthrene	17.04	178	552972	20.847	ng/ul	99
16) Anthracene	17.13	178	562544	20.975	ng/ul	99
17) Fluoranthene	19.06	202	585751	22.462	ng/ul#	73
20) Pyrene	19.43	202	604888	20.428	ng/ul#	73
21) Benzo(a)anthracene	21.19	228	580010	20.815	ng/ul	100
22) Chrysene	21.25	228	547190	20.763	ng/ul	99
24) Benzo(b)fluoranthene	22.75	252	576648	20.809	ng/ul#	95
25) Benzo(k)fluoranthene	22.80	252	560080	20.940	ng/ul#	95
27) Benzo(a)pyrene	23.31	252	560209	21.126	ng/ul#	93
28) Indeno(1,2,3-cd)pyrene	25.57	276	654706	22.108	ng/ul#	84
29) Dibenzo(a,h)anthracene	25.59	278	543202	21.932	ng/ul#	91
30) Benzo(g,h,i)perylene	26.23	276	542497	22.123	ng/ul#	86

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042318\
Data File : BN000821.D
Acq On : 23 Apr 2018 10:43
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

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BNA_N
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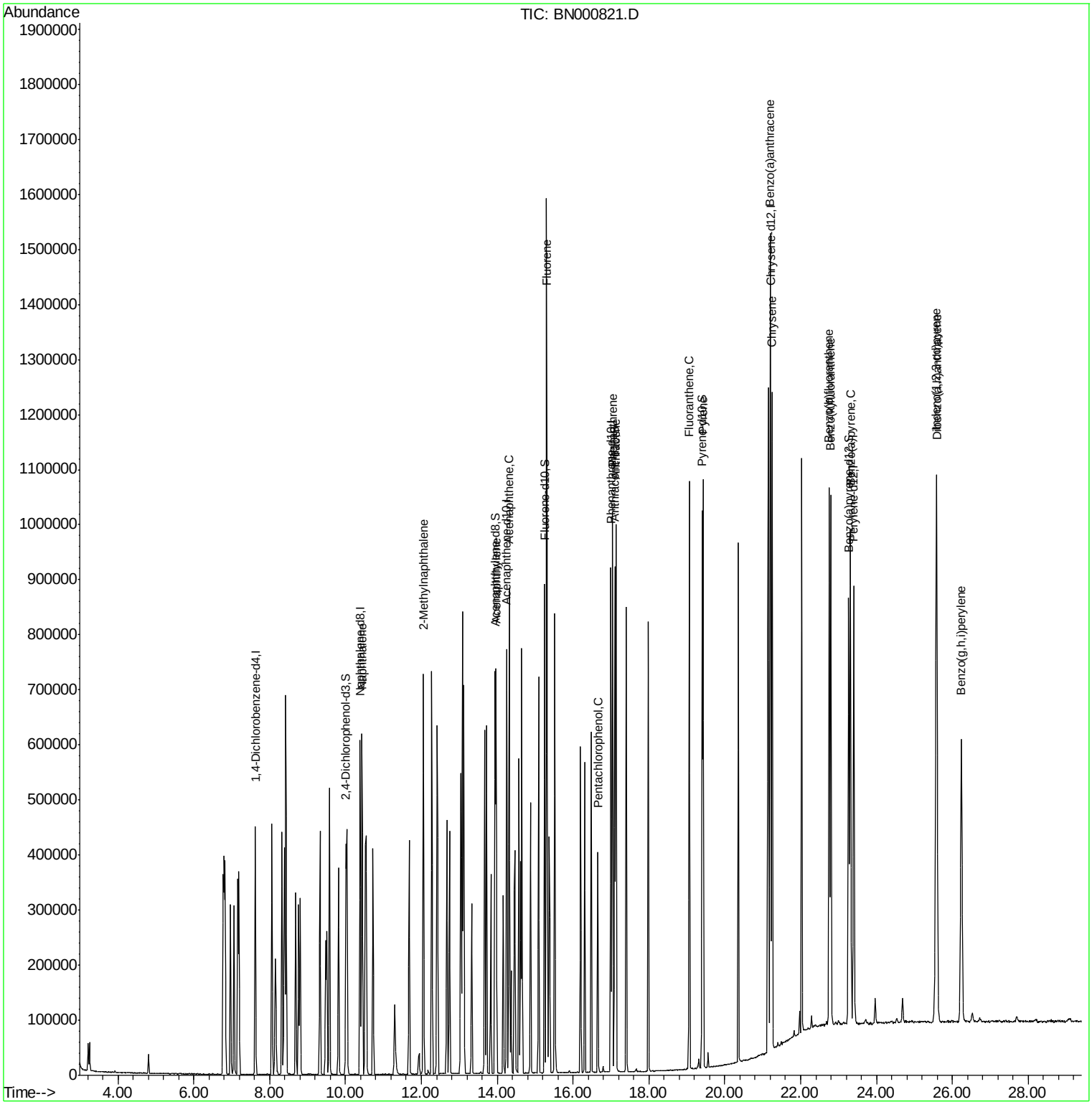
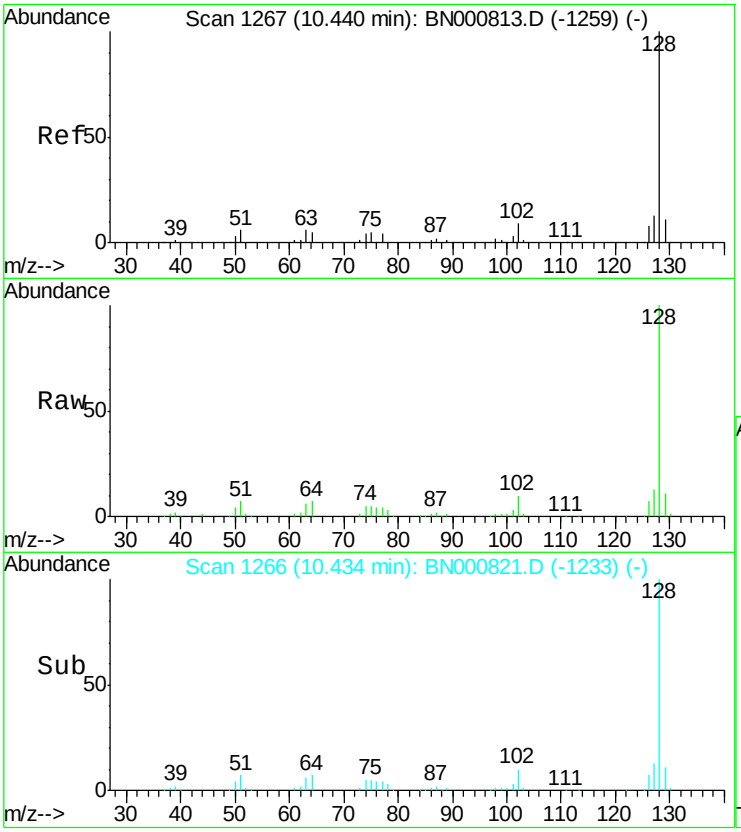


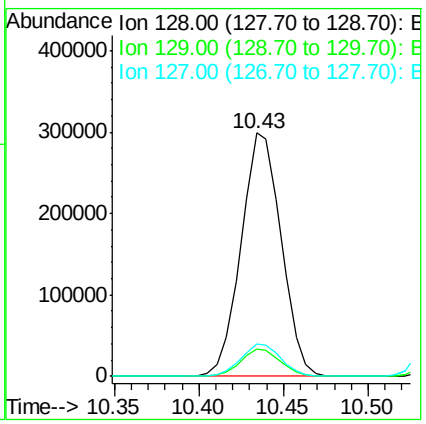


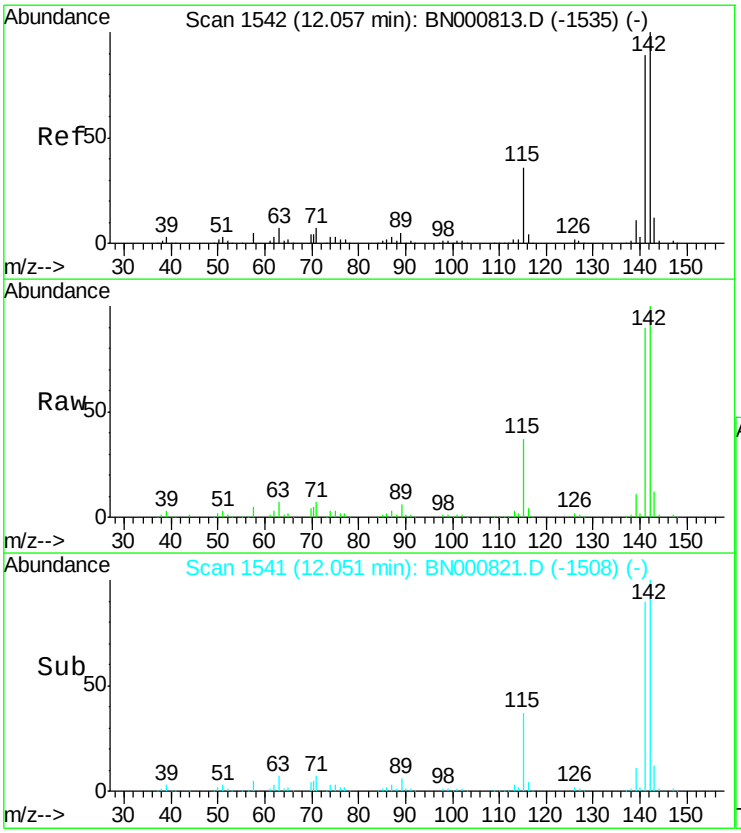
#4
Naphthalene
Concen: 20.697 ng/ul
RT: 10.43 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BN000821.D
Acq: 23 Apr 2018 10:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 493013

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.3	10.6	16.0

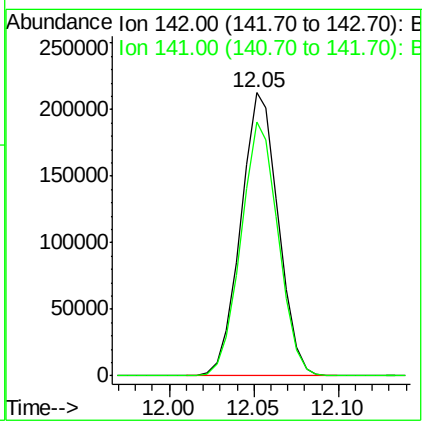


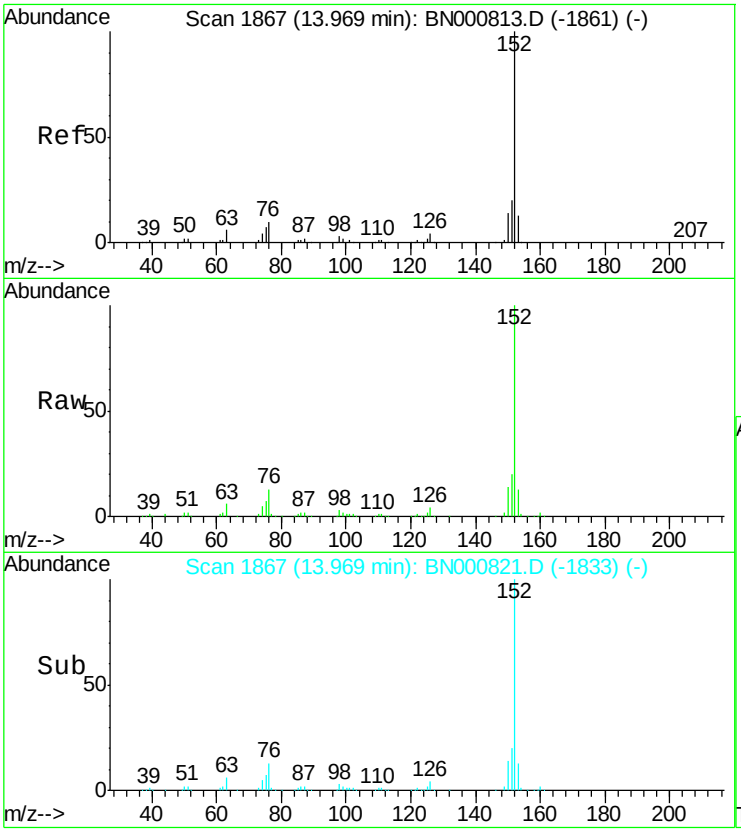


#5
2-Methylnaphthalene
Concen: 20.551 ng/ul
RT: 12.05 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BN000821.D
Acq: 23 Apr 2018 10:43

Tgt Ion:142 Resp: 328662

Ion	Ratio	Lower	Upper
142	100		
141	89.8	74.1	111.1



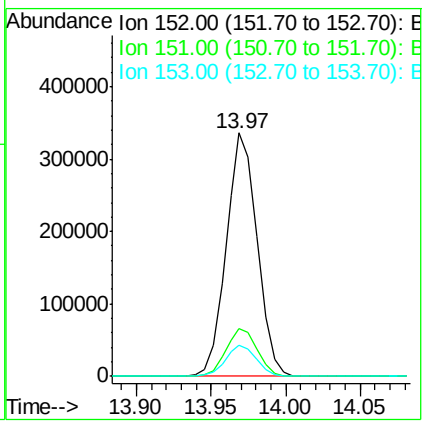


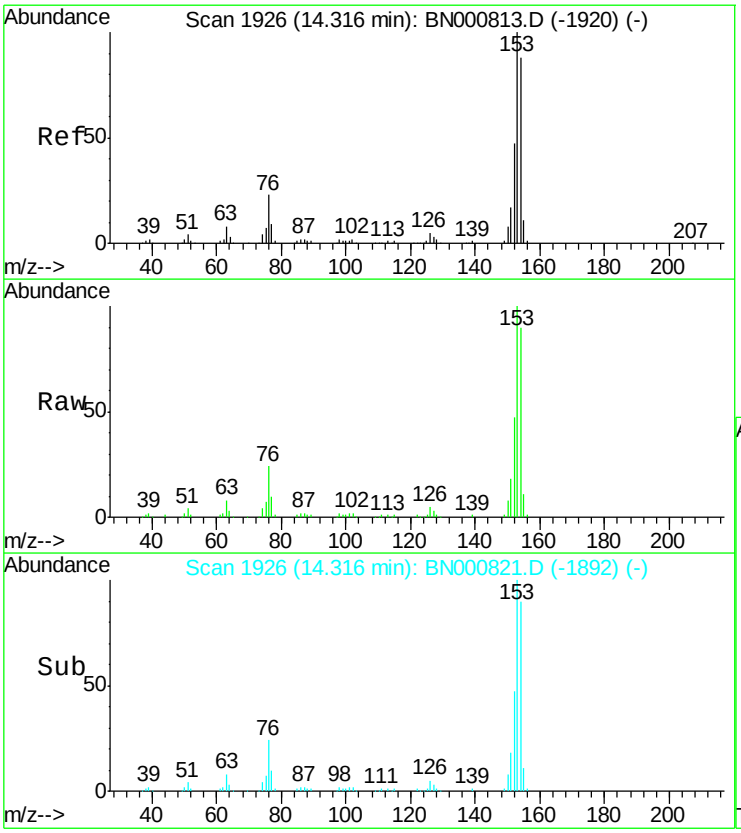
#8
Acenaphthylene
Concen: 21.249 ng/ul
RT: 13.97 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BN000821.D
Acq: 23 Apr 2018 10:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 486499

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.3	24.5
153	12.9	10.2	15.4

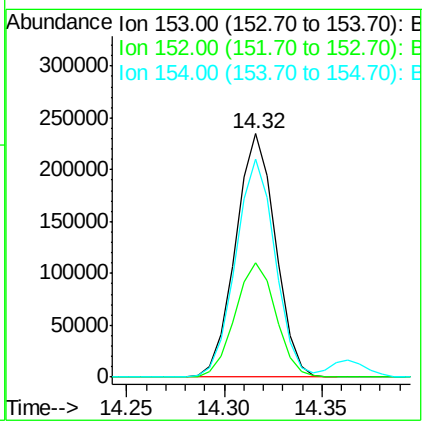


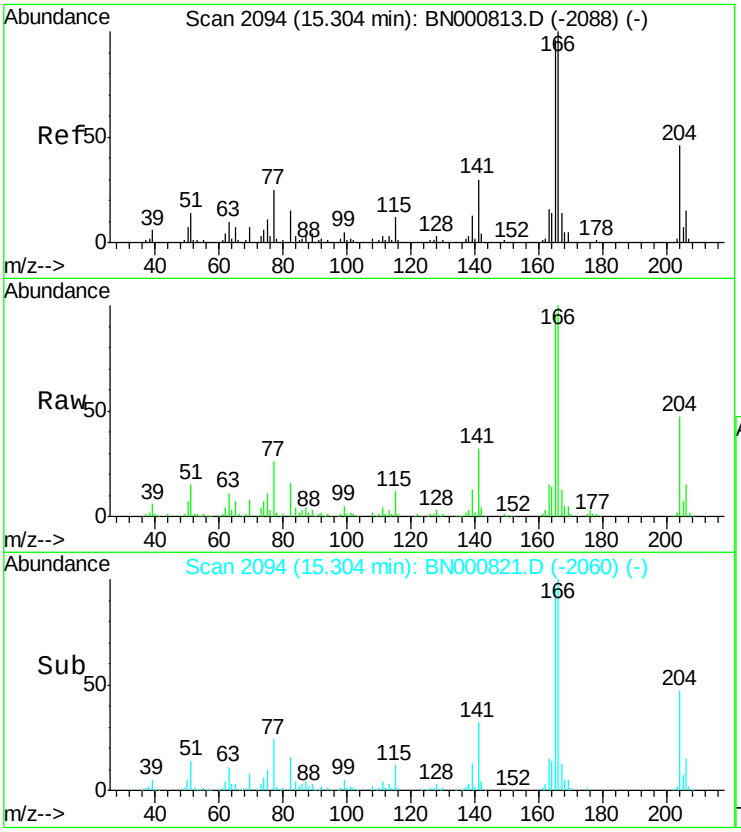


#9
Acenaphthene
Concen: 21.061 ng/ul
RT: 14.32 min Scan# 1926
Delta R.T. 0.00 min
Lab File: BN000821.D
Acq: 23 Apr 2018 10:43

Tgt Ion:153 Resp: 332982

Ion	Ratio	Lower	Upper
153	100		
152	46.8	37.6	56.4
154	89.7	70.4	105.6



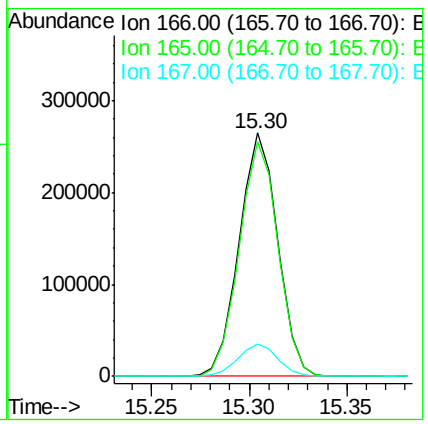


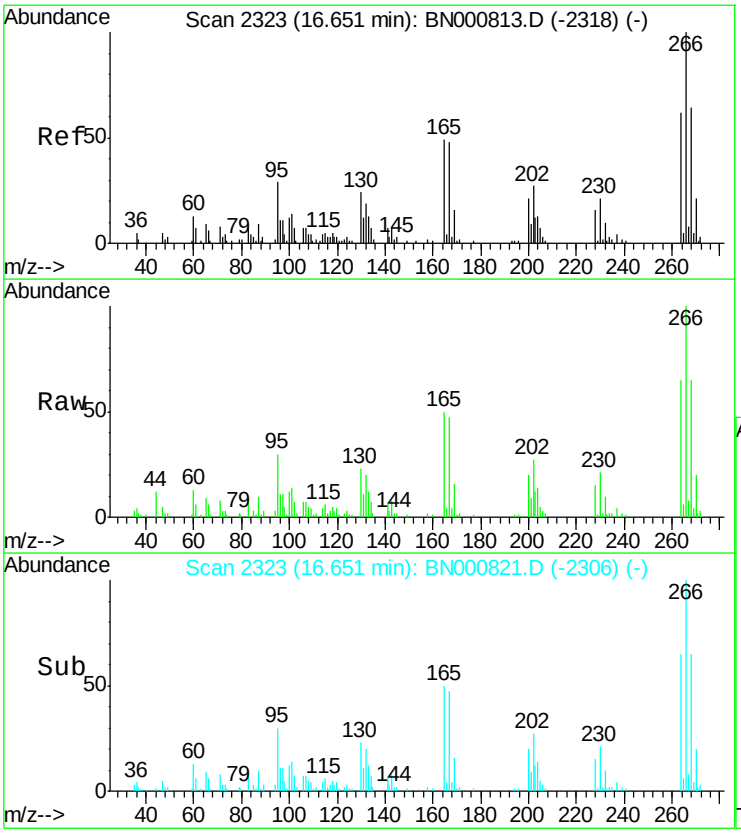
#11
Fluorene
Concen: 21.416 ng/ul
RT: 15.30 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BN000821.D
Acq: 23 Apr 2018 10:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 363247

Ion	Ratio	Lower	Upper
166	100		
165	96.5	77.9	116.9
167	13.5	10.6	16.0

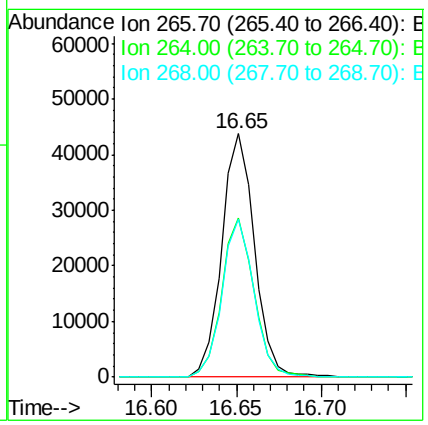


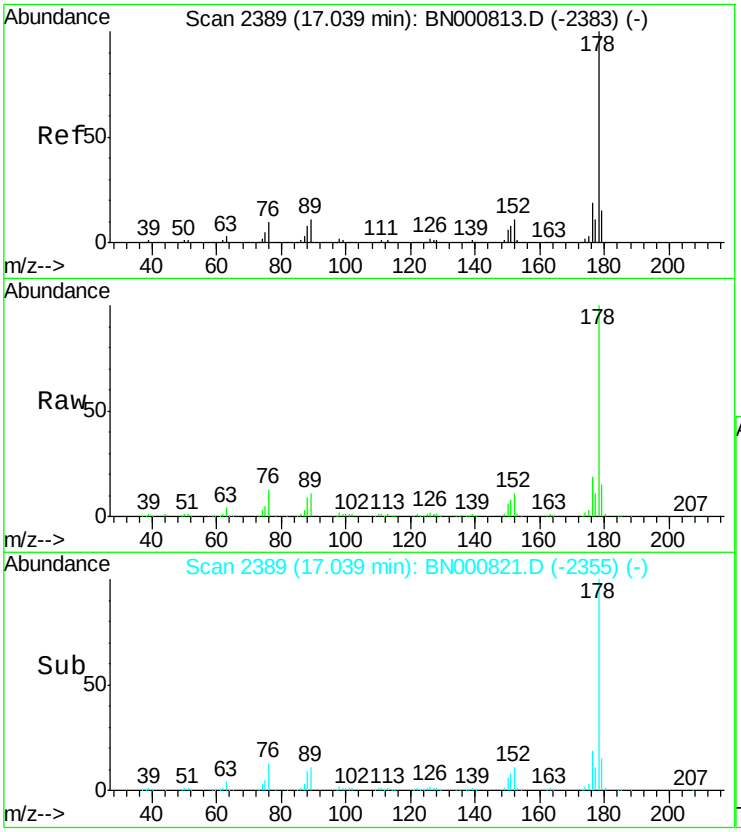


#13
Pentachlorophenol
Concen: 20.137 ng/ul
RT: 16.65 min Scan# 2323
Delta R.T. 0.00 min
Lab File: BN000821.D
Acq: 23 Apr 2018 10:43

Tgt Ion:266 Resp: 59074

Ion	Ratio	Lower	Upper
266	100		
264	65.5	49.3	73.9
268	64.9	52.6	78.8



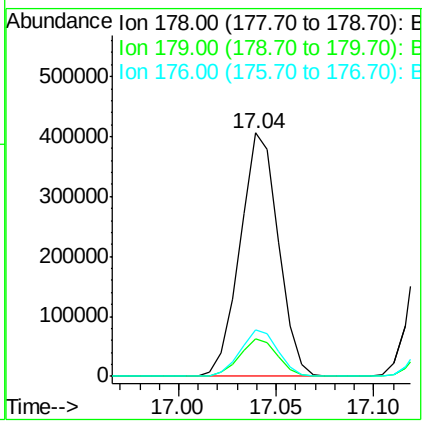


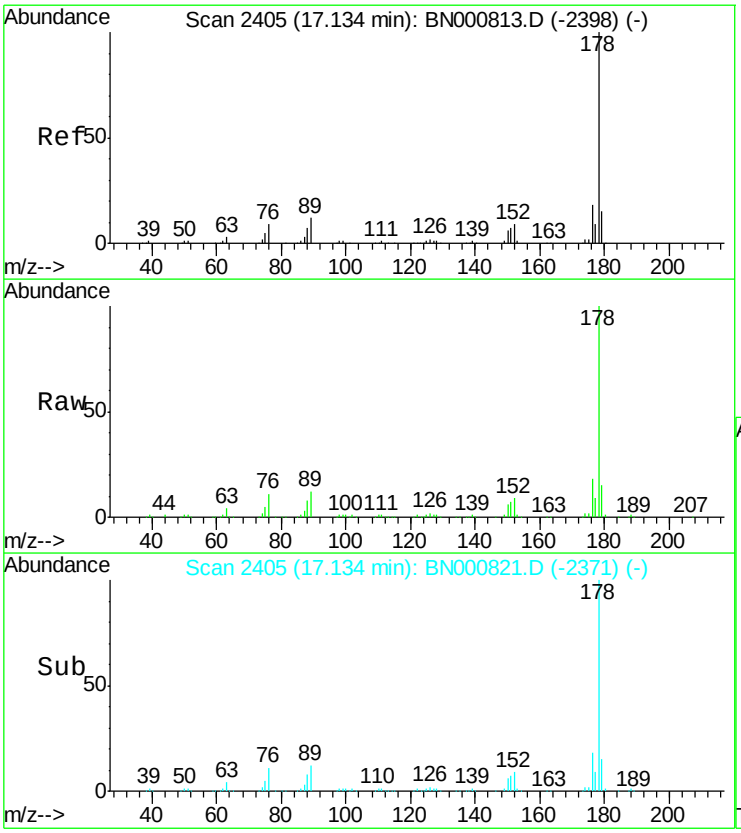
#14
Phenanthrene
Concen: 20.847 ng/ul
RT: 17.04 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BN000821.D
Acq: 23 Apr 2018 10:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 552972

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	19.1	14.9	22.3

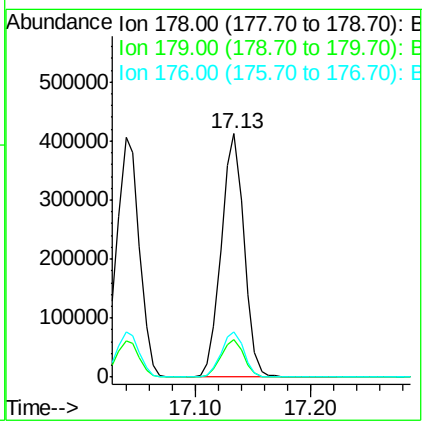


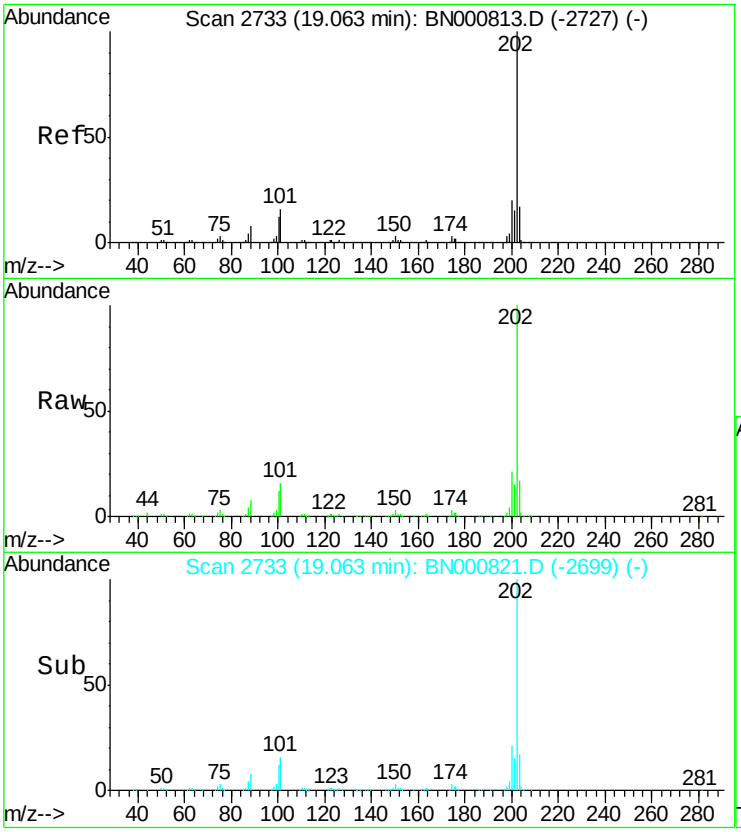


#16
Anthracene
Concen: 20.975 ng/ul
RT: 17.13 min Scan# 2405
Delta R.T. 0.00 min
Lab File: BN000821.D
Acq: 23 Apr 2018 10:43

Tgt Ion:178 Resp: 562544

Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.7	17.5
176	18.4	14.6	21.8



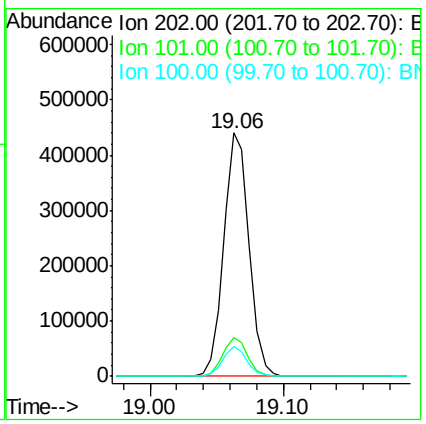


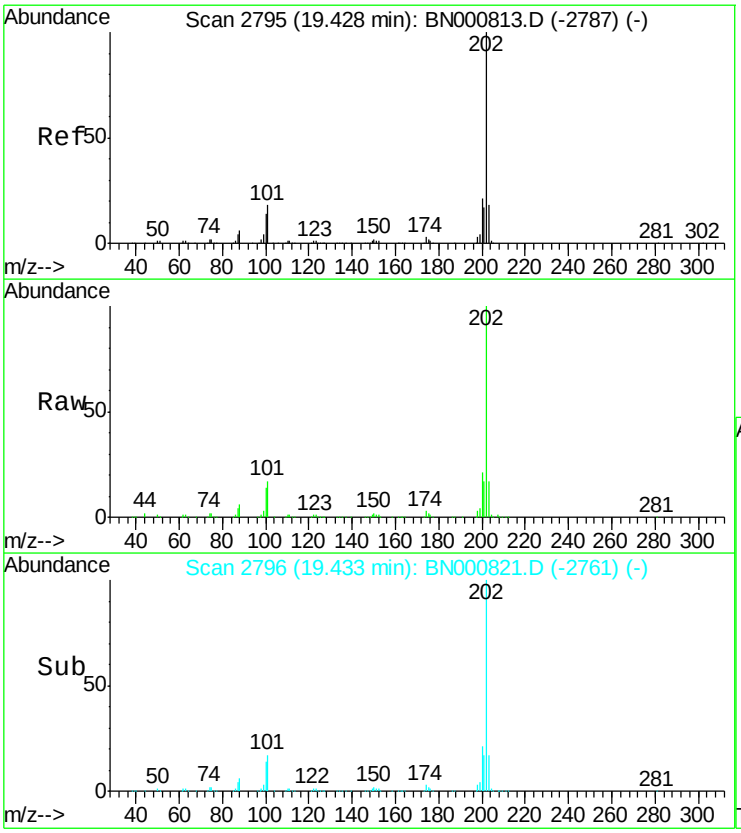
#17
Fluoranthene
Concen: 22.462 ng/ul
RT: 19.06 min Scan# 2733
Delta R.T. 0.00 min
Lab File: BN000821.D
Acq: 23 Apr 2018 10:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 585751

Ion	Ratio	Lower	Upper
202	100		
101	15.7	4.6	7.0#
100	12.4	3.4	5.2#

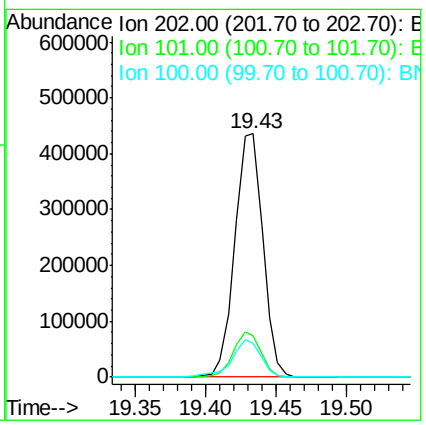


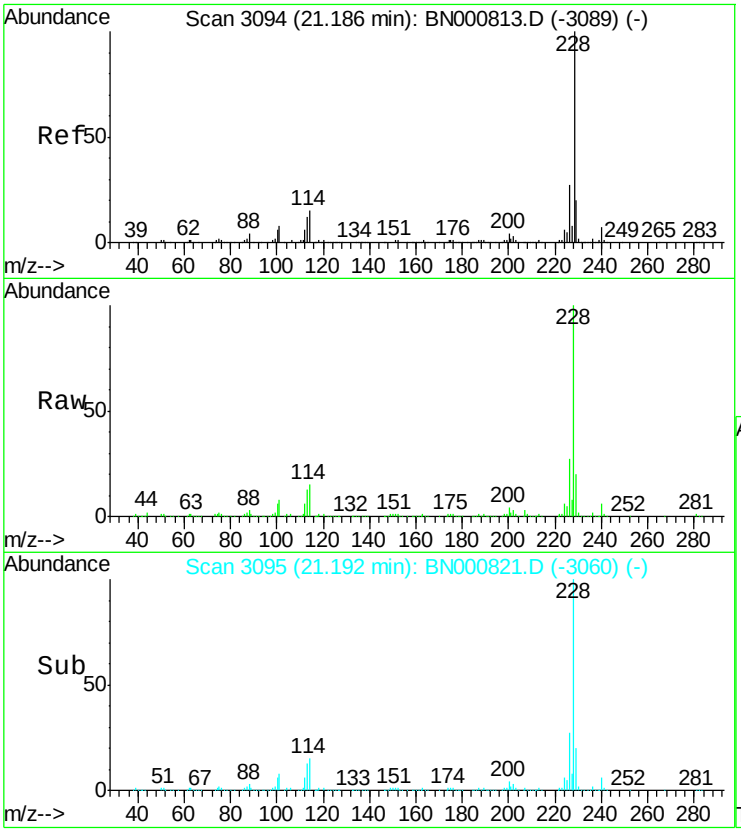


#20
Pyrene
Concen: 20.428 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. 0.01 min
Lab File: BN000821.D
Acq: 23 Apr 2018 10:43

Tgt Ion:202 Resp: 604888

Ion	Ratio	Lower	Upper
202	100		
101	16.8	5.1	7.7#
100	13.9	4.9	7.3#



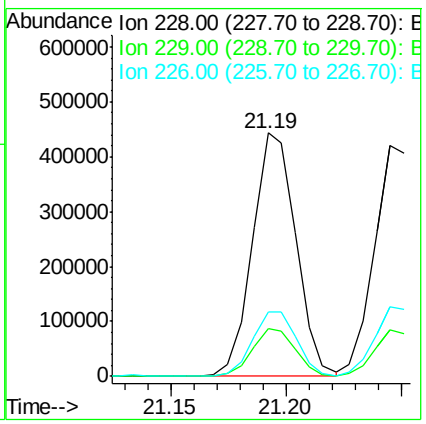


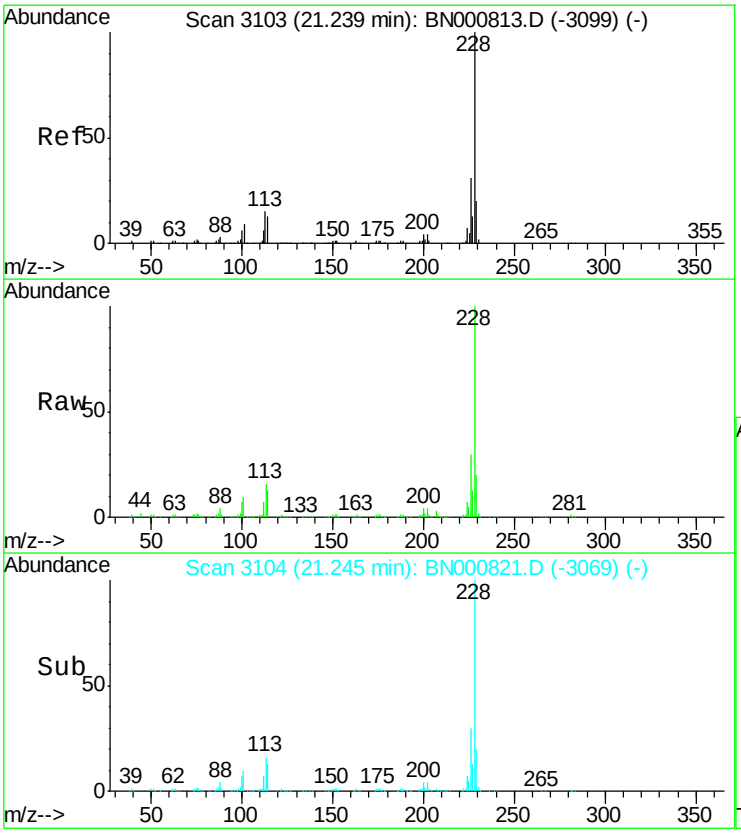
#21
Benzo(a)anthracene
Concen: 20.815 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. 0.01 min
Lab File: BN000821.D
Acq: 23 Apr 2018 10:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 580010

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.4	23.0
226	26.5	21.4	32.0

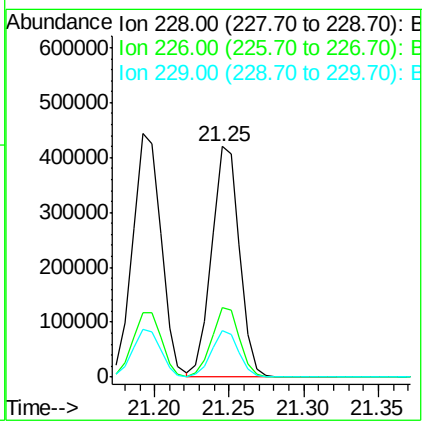


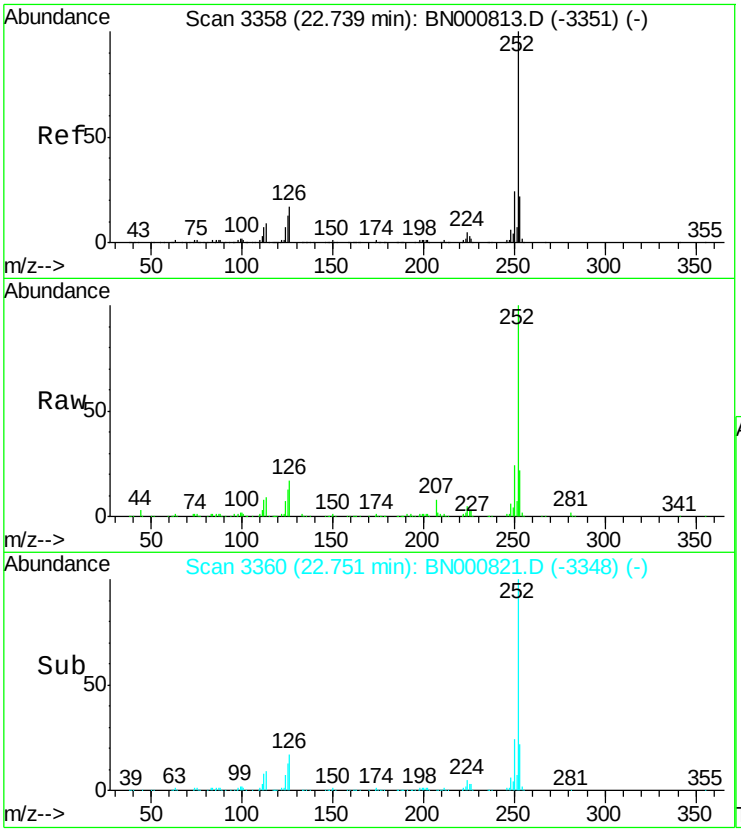


#22
Chrysene
Concen: 20.763 ng/ul
RT: 21.25 min Scan# 3104
Delta R.T. 0.01 min
Lab File: BN000821.D
Acq: 23 Apr 2018 10:43

Tgt Ion:228 Resp: 547190

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.2
229	20.2	15.5	23.3



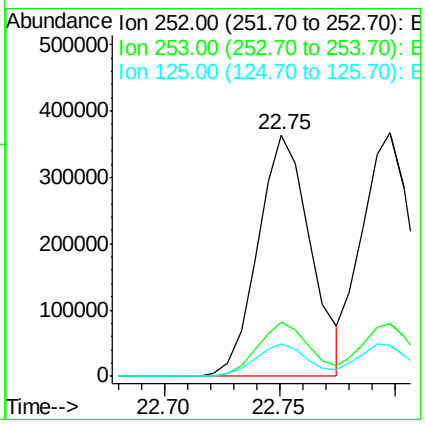


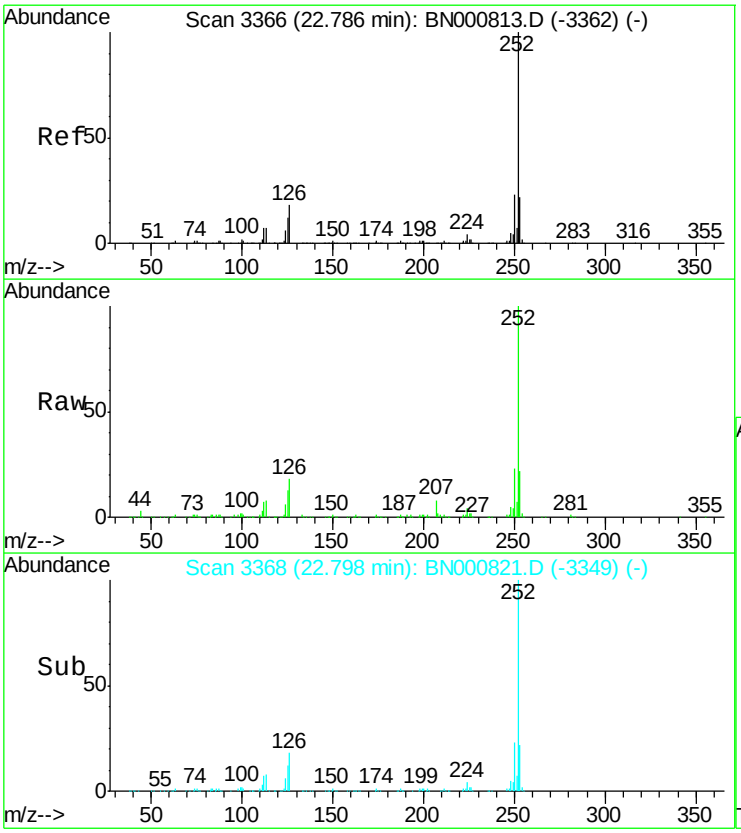
#24
Benzo(b)fluoranthene
Concen: 20.809 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. 0.01 min
Lab File: BN000821.D
Acq: 23 Apr 2018 10:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 576648

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	13.3	3.6	5.4#

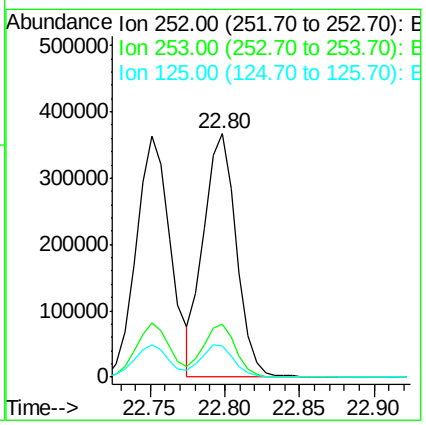


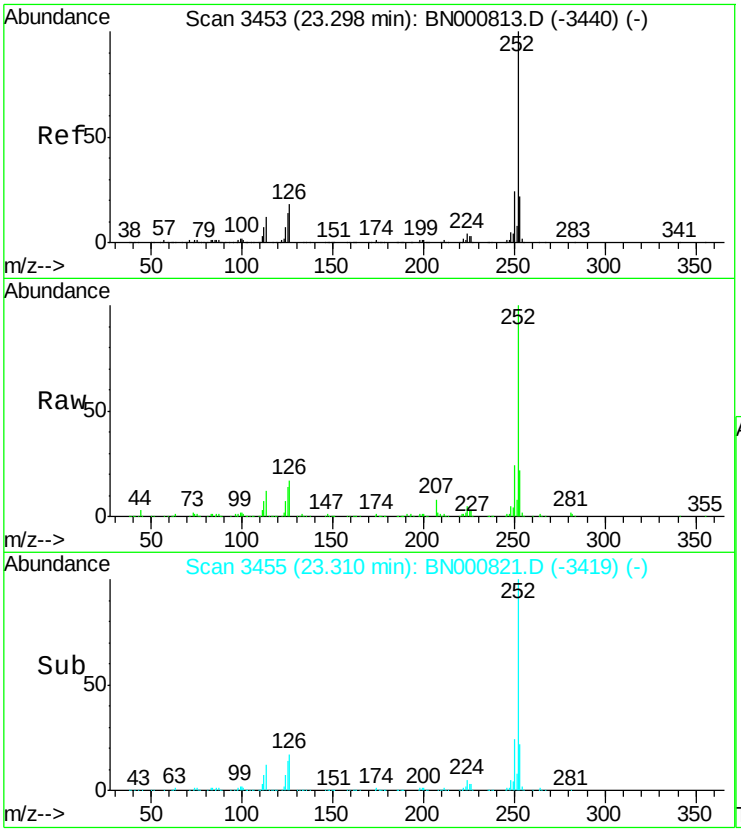


#25
Benzo(k)fluoranthene
Concen: 20.940 ng/ul
RT: 22.80 min Scan# 3368
Delta R.T. 0.01 min
Lab File: BN000821.D
Acq: 23 Apr 2018 10:43

Tgt Ion:252 Resp: 560080

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	12.6	3.4	5.2#



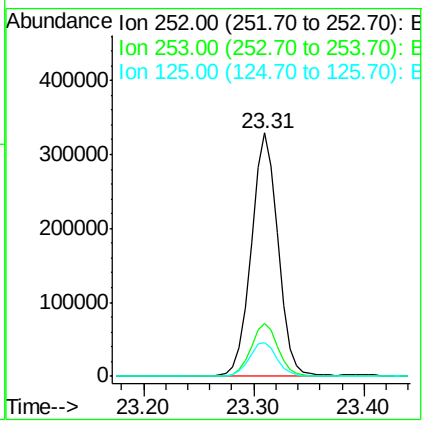


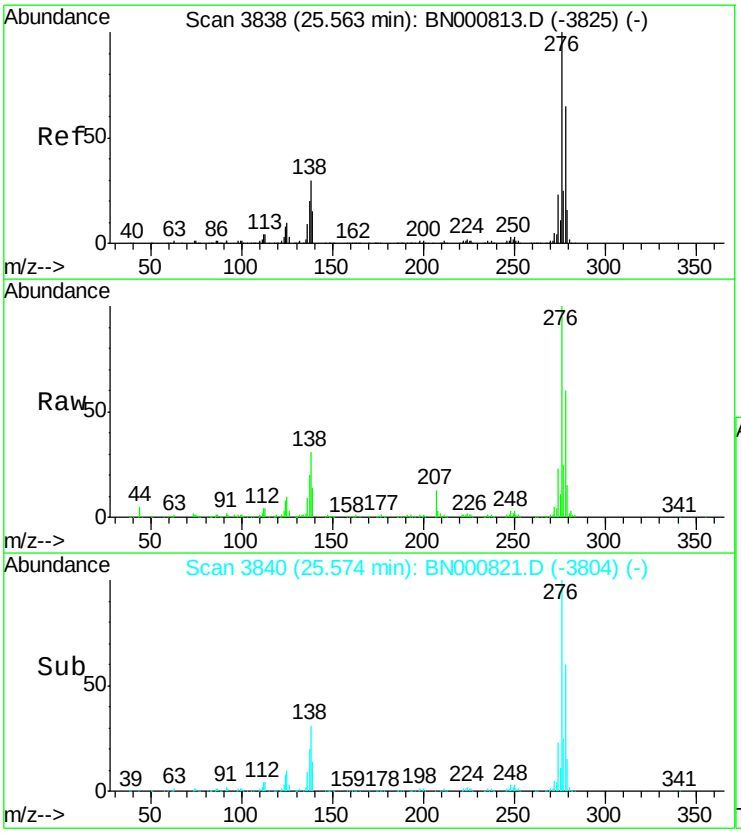
#27
Benzo(a)pyrene
Concen: 21.126 ng/ul
RT: 23.31 min Scan# 3455
Delta R.T. 0.01 min
Lab File: BN000821.D
Acq: 23 Apr 2018 10:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 560209

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	14.0	4.0	6.0#

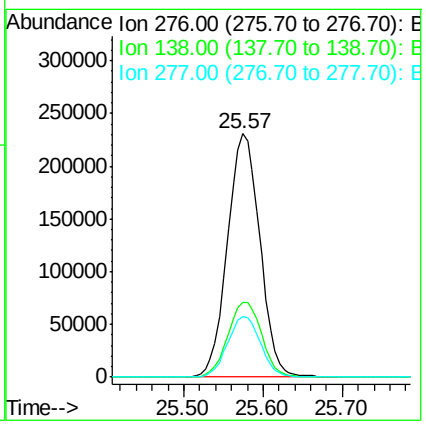


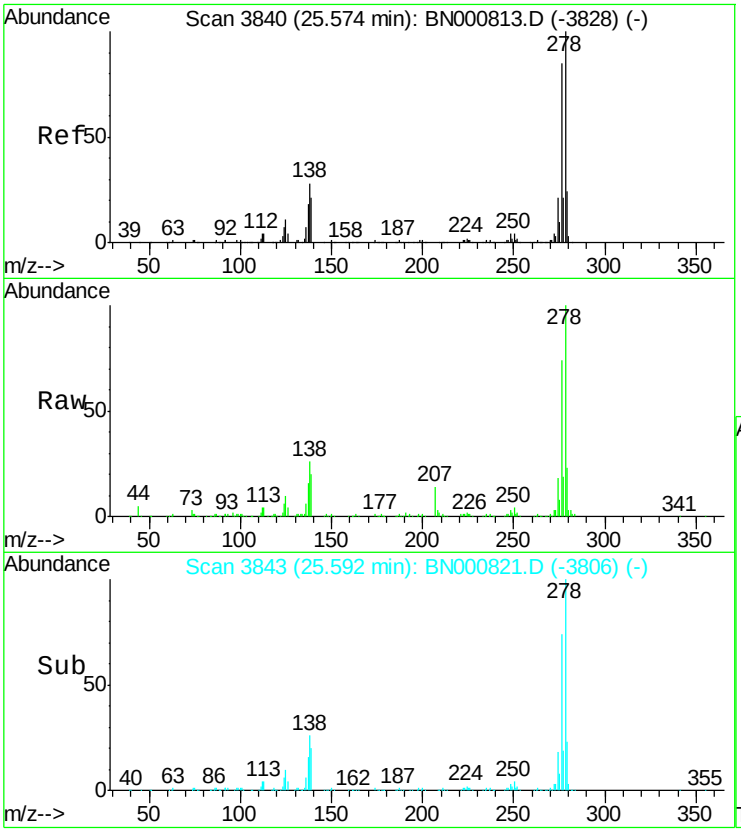


#28
Indeno(1,2,3-cd)pyrene
Concen: 22.108 ng/ul
RT: 25.57 min Scan# 3840
Delta R.T. 0.01 min
Lab File: BN000821.D
Acq: 23 Apr 2018 10:43

Tgt Ion:276 Resp: 654706

Ion	Ratio	Lower	Upper
276	100		
138	30.7	9.3	13.9#
277	24.9	19.9	29.9



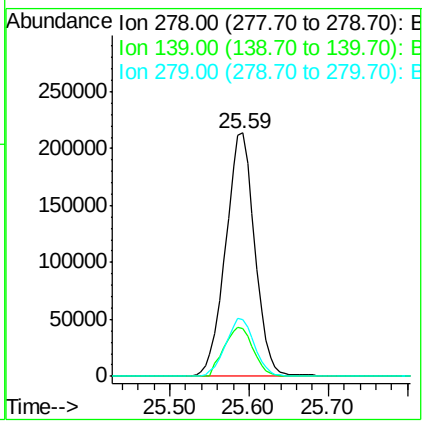


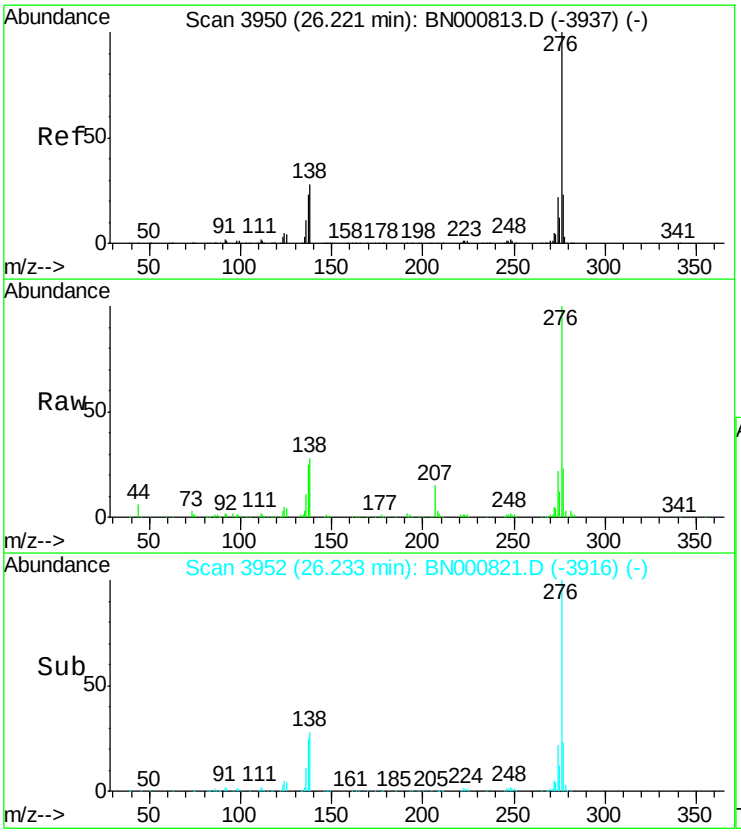
#29
Dibenzo(a,h)anthracene
Concen: 21.932 ng/ul
RT: 25.59 min Scan# 3843
Delta R.T. 0.02 min
Lab File: BN000821.D
Acq: 23 Apr 2018 10:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 543202

Ion	Ratio	Lower	Upper
278	100		
139	19.9	5.8	8.8#
279	23.1	18.6	27.8





#30
Benzo(g,h,i)perylene
Concen: 22.123 ng/ul
RT: 26.23 min Scan# 3952
Delta R.T. 0.01 min
Lab File: BN000821.D
Acq: 23 Apr 2018 10:43

Tgt Ion:276 Resp: 542497

Ion	Ratio	Lower	Upper
276	100		
138	27.5	8.5	12.7#
277	23.5	18.6	28.0