Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042018\
Data File : BN000819.D
Acq On : 21 Apr 2018 04:49
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02059

Quant Time: Apr 21 06:38:53 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	144823	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	611990	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	299908	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	568985	20.00	ng/ul	0.00
18) Chrysene-d12	21.21	240	512563	20.00	ng/ul	0.00
23) Perylene-d12	23.40	264	532682	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.01	165	186715	21.44	ng/ul	0.00
7) Acenaphthylene-d8	13.94	160	623018	21.58	ng/ul	0.00
10) Fluorene-d10	15.25	176	398488	20.60	ng/ul	0.00
15) Anthracene-d10	17.10	188	555653	21.12	ng/ul	0.00
19) Pyrene-d10	19.40	212	548552	21.27	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.26	264	535441	21.32	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	10.44	128	647129	20.887	ng/ul	100
5) 2-Methylnaphthalene	12.06	142	424952	20.429	ng/ul	95
8) Acenaphthylene	13.97	152	612072	21.402	ng/ul	99
9) Acenaphthene	14.32	153	413736	20.949	ng/ul	99
11) Fluorene	15.30	166	437128	20.631	ng/ul	100
13) Pentachlorophenol	16.65	266	72106	20.973	ng/ul	98
14) Phenanthrene	17.05	178	650565	20.928	ng/ul	98
16) Anthracene	17.13	178	659592	20.985	ng/ul	99
17) Fluoranthene	19.07	202	667788	21.851	ng/ul#	76
20) Pyrene	19.43	202	685696	21.130	ng/ul#	73
21) Benzo(a)anthracene	21.19	228	648292	21.229	ng/ul	100
22) Chrysene	21.25	228	606988	21.017	ng/ul	99
24) Benzo(b)fluoranthene	22.75	252	638393	20.720	ng/ul#	94
25) Benzo(k)fluoranthene	22.79	252	616357	20.726	ng/ul#	96
27) Benzo(a)pyrene	23.30	252	619185	21.001	ng/ul#	93
28) Indeno(1,2,3-cd)pyrene	25.57	276	736019	22.353	ng/ul#	84
29) Dibenzo(a,h)anthracene	25.59	278	613206	22.268	ng/ul#	91
30) Benzo(g,h,i)perylene	26.23	276	607463	22.280	ng/ul#	86

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042018\
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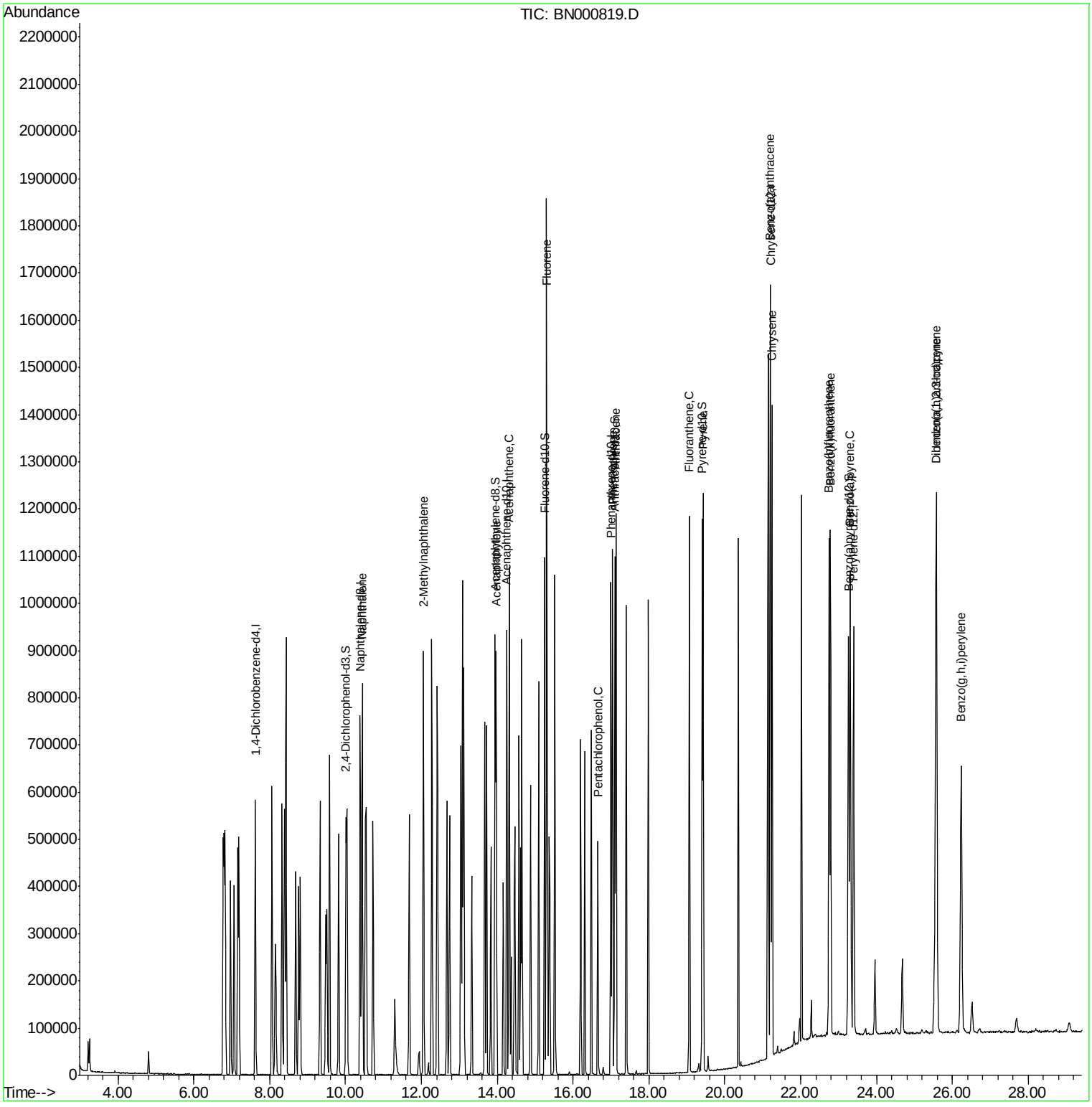
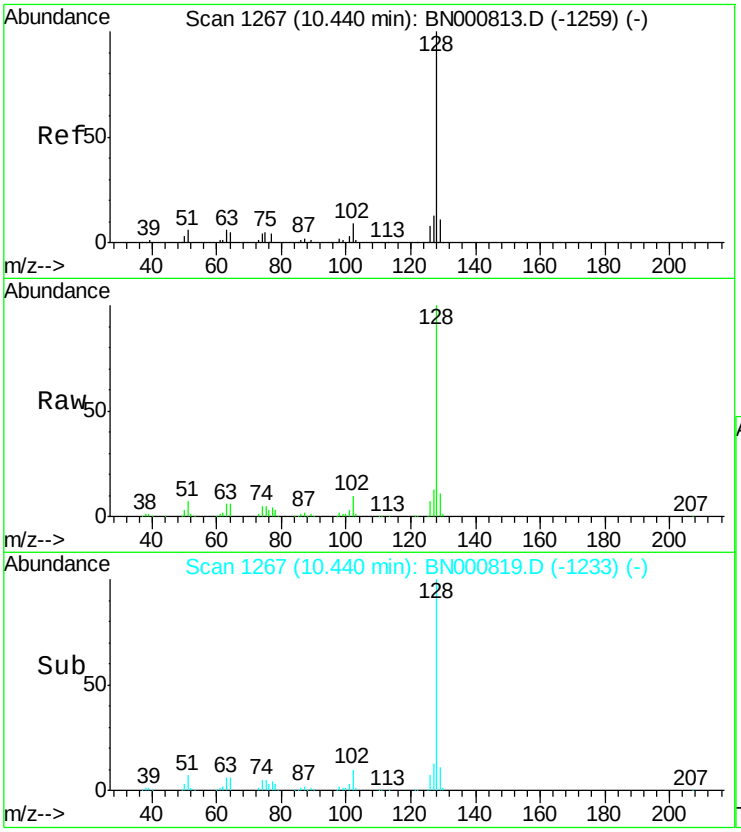


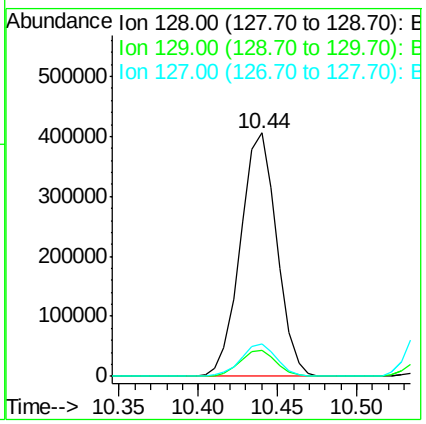


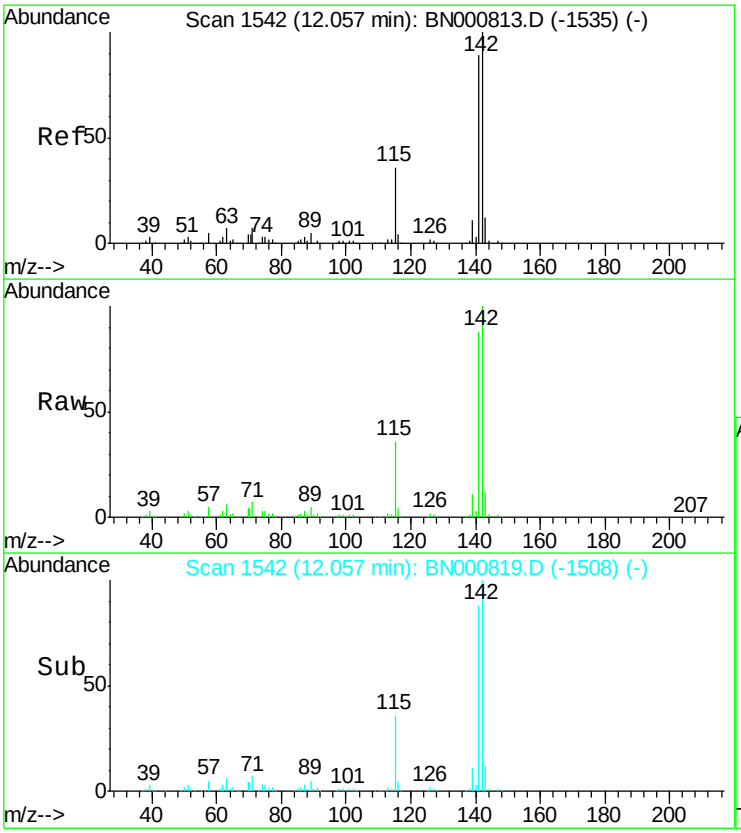
#4
Naphthalene
Concen: 20.887 ng/ul
RT: 10.44 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BN000819.D
Acq: 21 Apr 2018 04:49

Instrument :
BNA_N
ClientSampleId :
SSTD02059

Tgt Ion:128 Resp: 647129

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

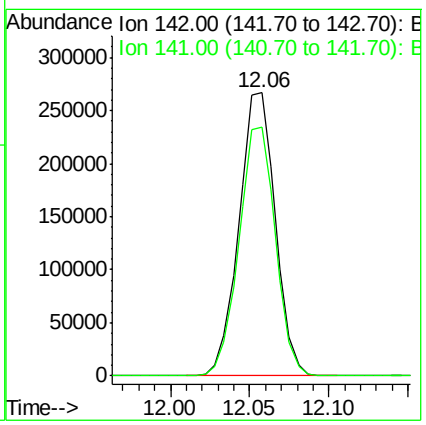


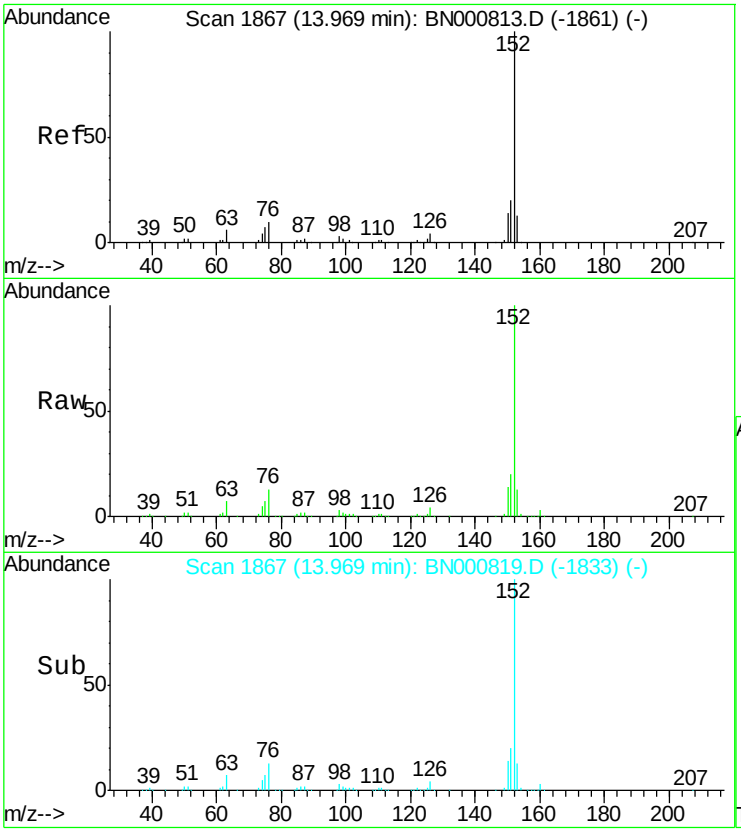


#5
2-Methylnaphthalene
Concen: 20.429 ng/ul
RT: 12.06 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BN000819.D
Acq: 21 Apr 2018 04:49

Tgt Ion:142 Resp: 424952

Ion	Ratio	Lower	Upper
142	100		
141	87.9	74.1	111.1



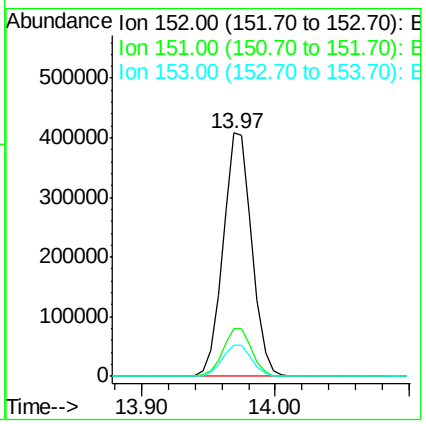


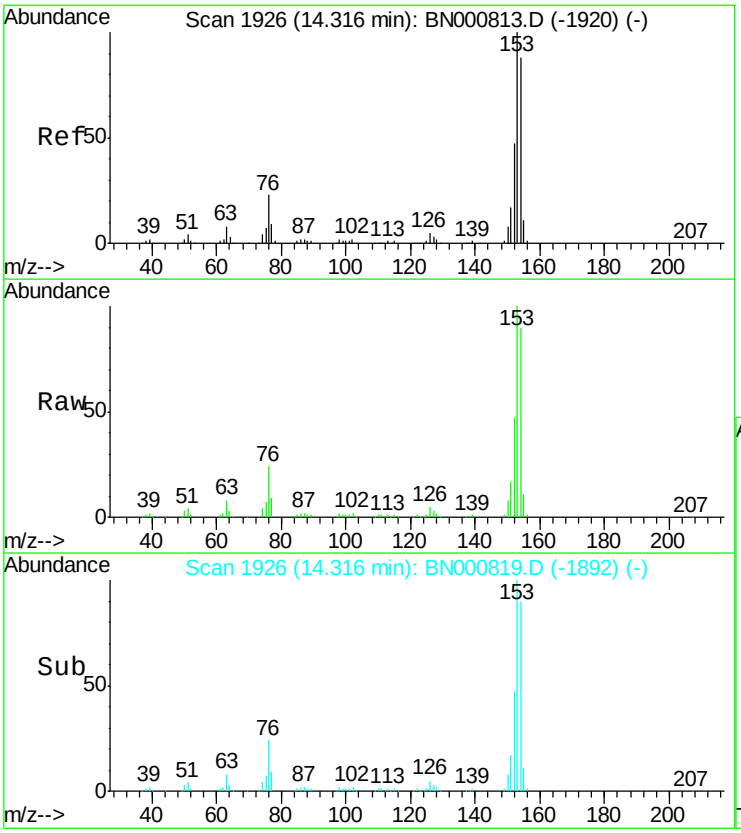
#8
Acenaphthylene
Concen: 21.402 ng/ul
RT: 13.97 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BN000819.D
Acq: 21 Apr 2018 04:49

Instrument :
BNA_N
ClientSampleId :
SSTD02059

Tgt Ion:152 Resp: 612072

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.3	24.5
153	13.0	10.2	15.4

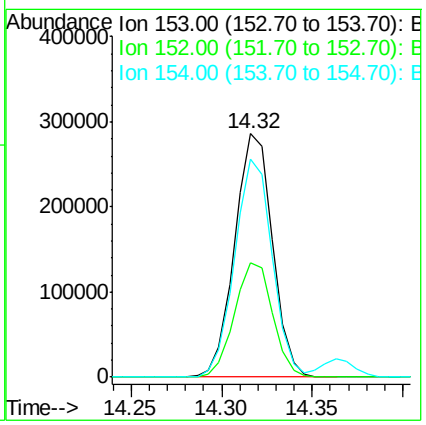


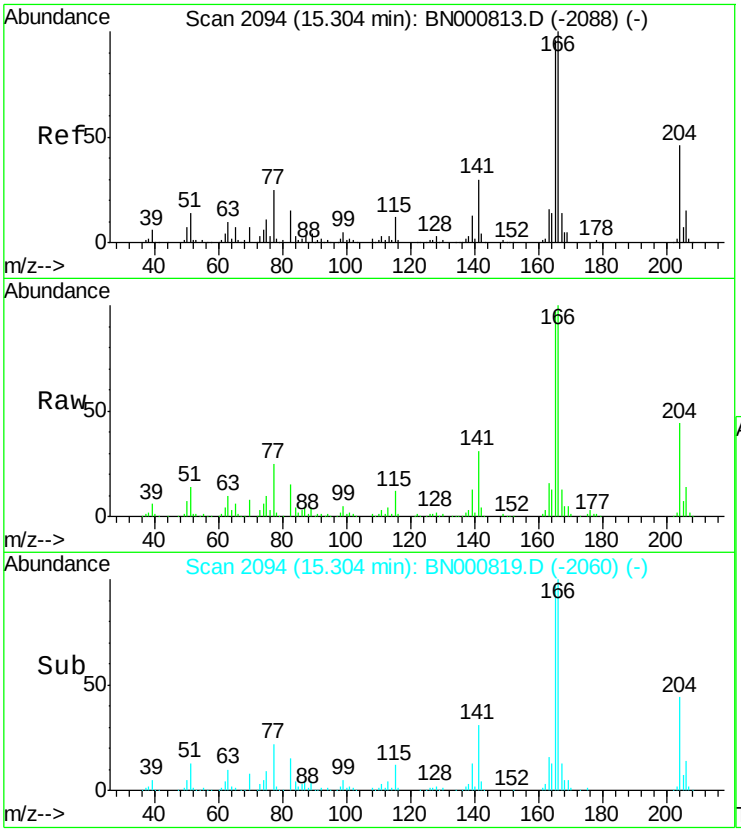


#9
Acenaphthene
Concen: 20.949 ng/ul
RT: 14.32 min Scan# 1926
Delta R.T. 0.00 min
Lab File: BN000819.D
Acq: 21 Apr 2018 04:49

Tgt Ion:153 Resp: 413736

Ion	Ratio	Lower	Upper
153	100		
152	47.1	37.6	56.4
154	89.5	70.4	105.6



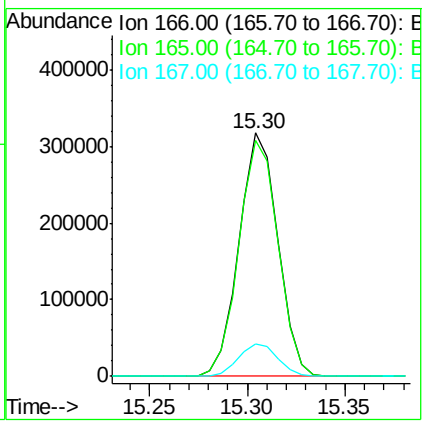


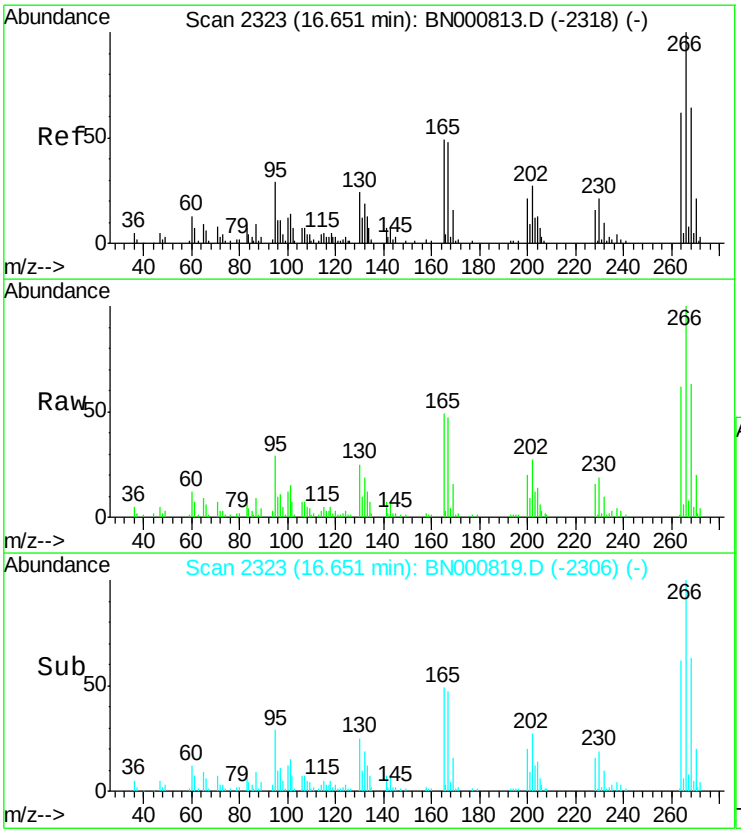
#11
Fluorene
Concen: 20.631 ng/ul
RT: 15.30 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BN000819.D
Acq: 21 Apr 2018 04:49

Instrument :
BNA_N
ClientSampleId :
SSTD02059

Tgt Ion:166 Resp: 437128

Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.9	116.9
167	13.1	10.6	16.0

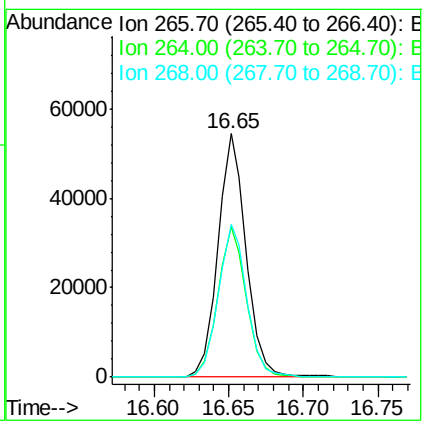


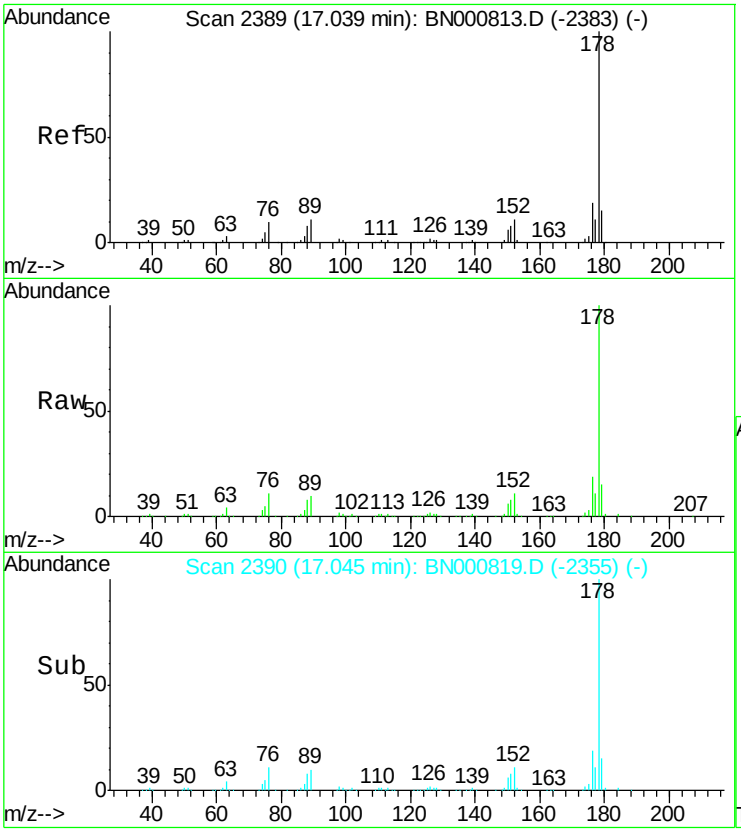


#13
Pentachlorophenol
Concen: 20.973 ng/ul
RT: 16.65 min Scan# 2323
Delta R.T. 0.00 min
Lab File: BN000819.D
Acq: 21 Apr 2018 04:49

Tgt Ion:266 Resp: 72106

Ion	Ratio	Lower	Upper
266	100		
264	61.8	49.3	73.9
268	62.9	52.6	78.8



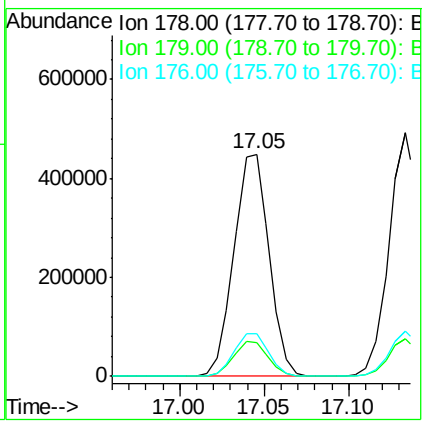


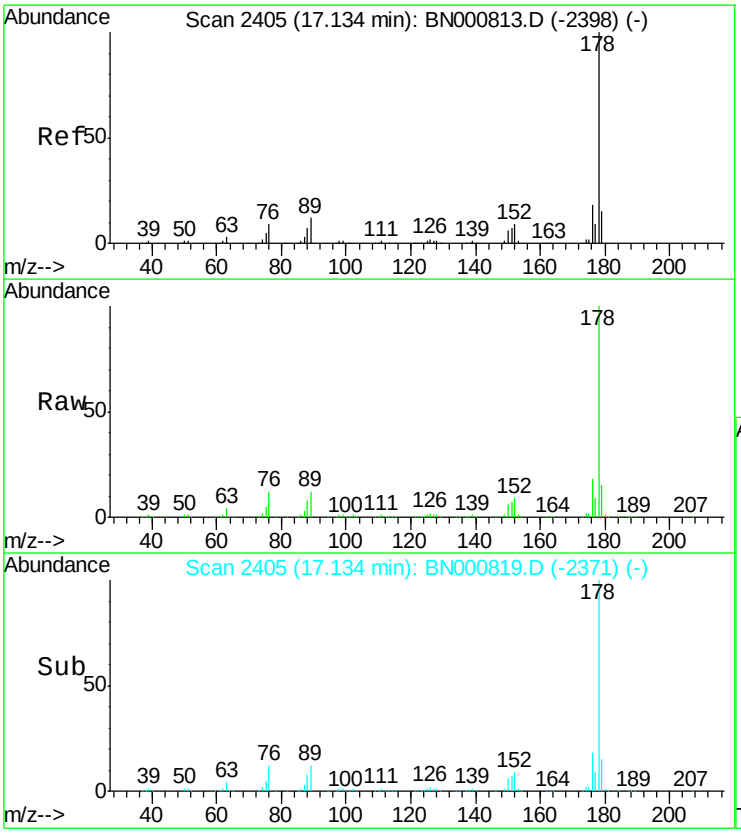
#14
Phenanthrene
Concen: 20.928 ng/ul
RT: 17.05 min Scan# 2390
Delta R.T. 0.01 min
Lab File: BN000819.D
Acq: 21 Apr 2018 04:49

Instrument :
BNA_N
ClientSampleId :
SSTD02059

Tgt Ion:178 Resp: 650565

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.6	19.0
176	19.4	14.9	22.3

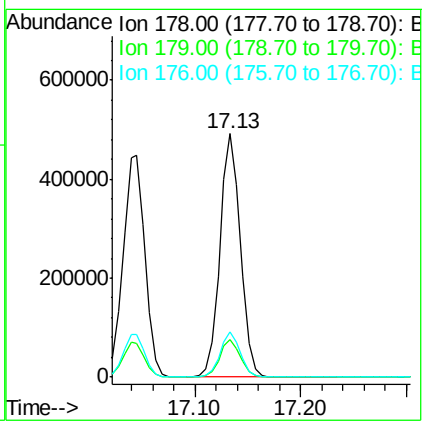


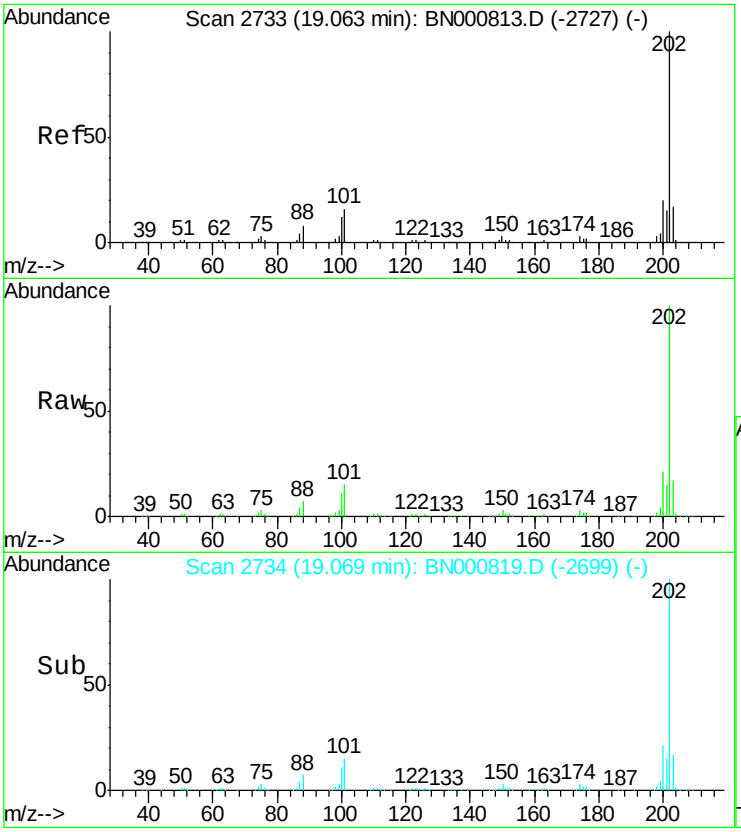


#16
Anthracene
Concen: 20.985 ng/ul
RT: 17.13 min Scan# 2405
Delta R.T. 0.00 min
Lab File: BN000819.D
Acq: 21 Apr 2018 04:49

Tgt Ion:178 Resp: 659592

Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.7	17.5
176	18.4	14.6	21.8



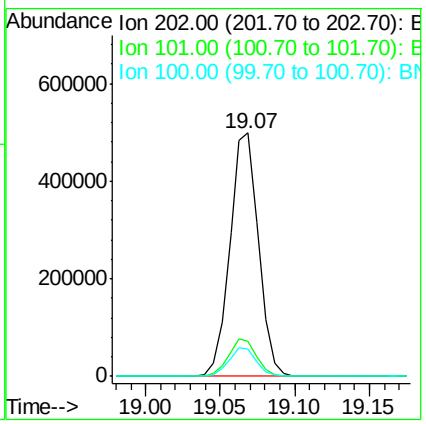


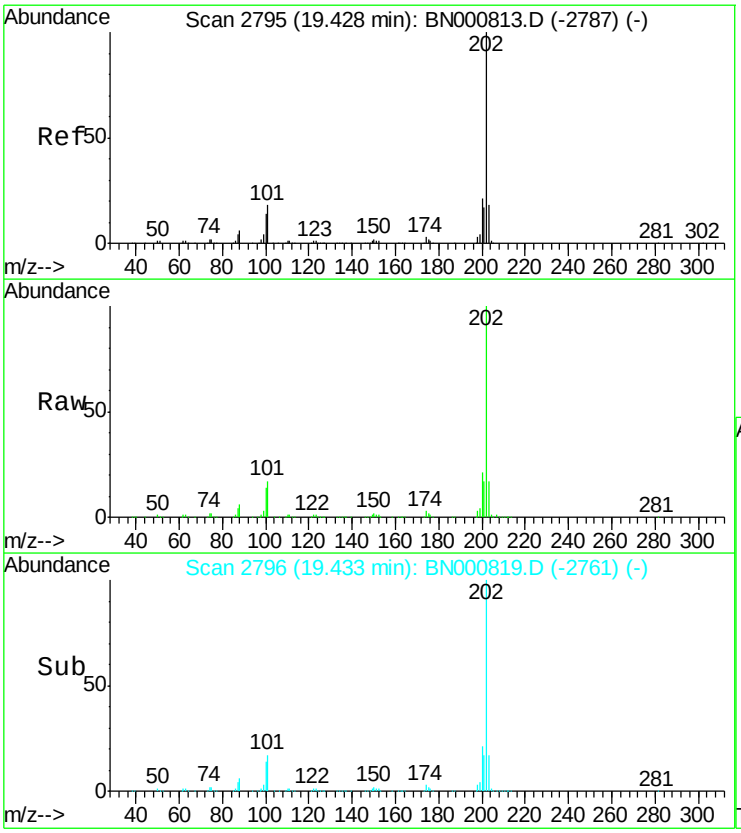
#17
Fluoranthene
Concen: 21.851 ng/ul
RT: 19.07 min Scan# 2734
Delta R.T. 0.01 min
Lab File: BN000819.D
Acq: 21 Apr 2018 04:49

Instrument :
BNA_N
ClientSampleId :
SSTD02059

Tgt Ion:202 Resp: 667788

Ion	Ratio	Lower	Upper
202	100		
101	14.5	4.6	7.0#
100	11.1	3.4	5.2#

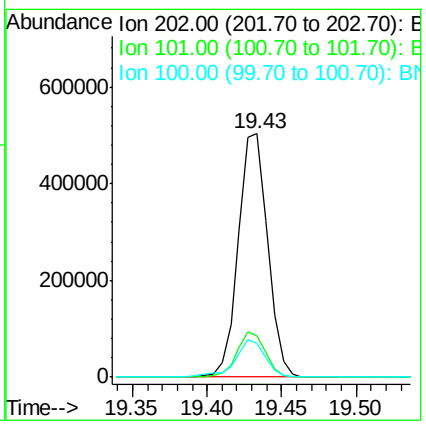


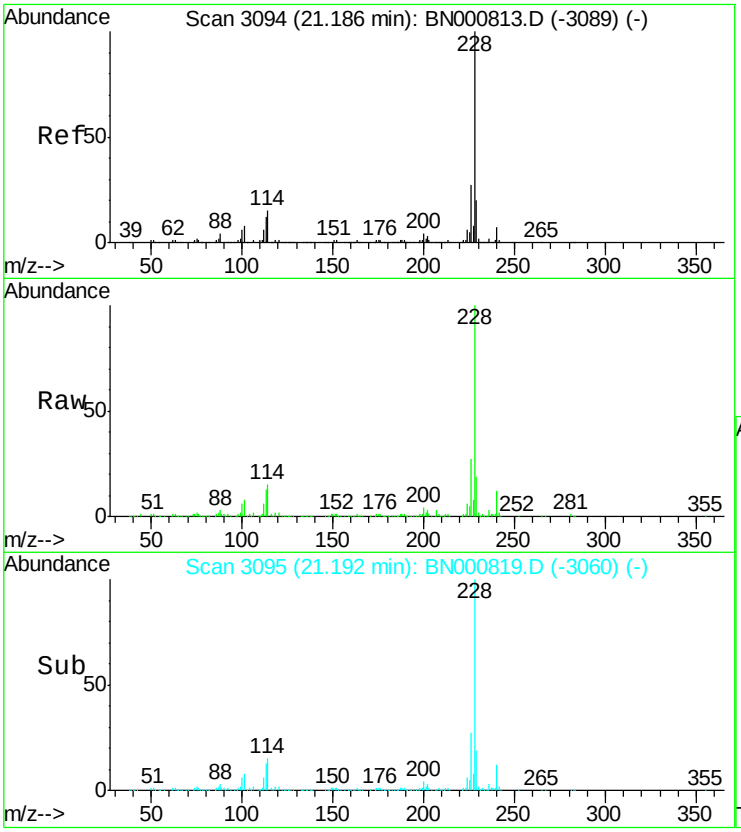


#20
Pyrene
Concen: 21.130 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. 0.01 min
Lab File: BN000819.D
Acq: 21 Apr 2018 04:49

Tgt Ion:202 Resp: 685696

Ion	Ratio	Lower	Upper
202	100		
101	17.1	5.1	7.7#
100	13.9	4.9	7.3#



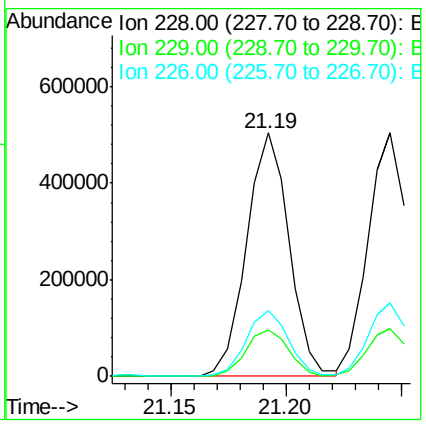


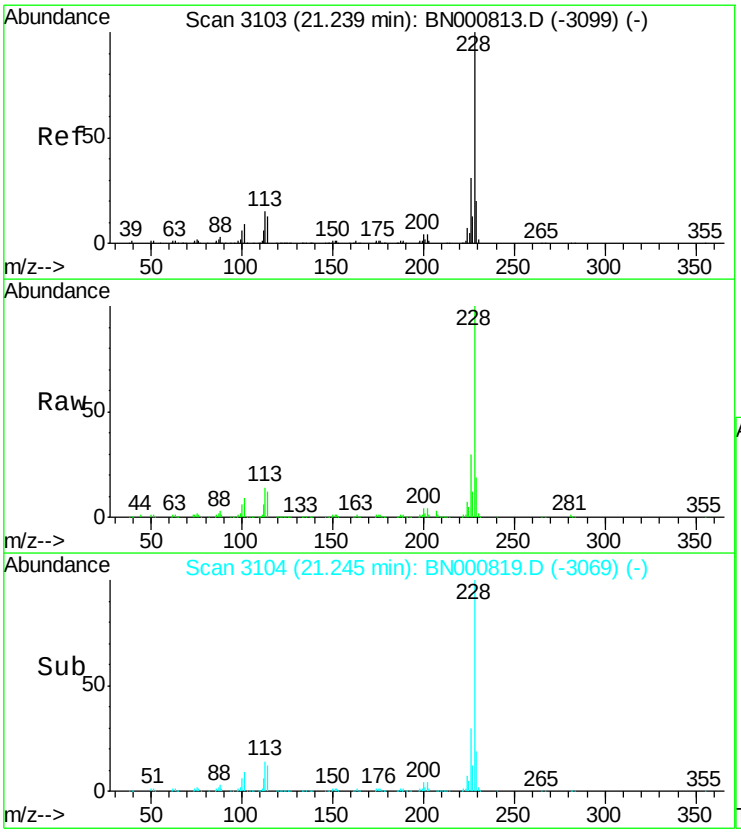
#21
Benzo(a)anthracene
Concen: 21.229 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. 0.01 min
Lab File: BN000819.D
Acq: 21 Apr 2018 04:49

Instrument :
BNA_N
ClientSampleId :
SSTD02059

Tgt Ion:228 Resp: 648292

Ion	Ratio	Lower	Upper
228	100		
229	19.3	15.4	23.0
226	26.9	21.4	32.0

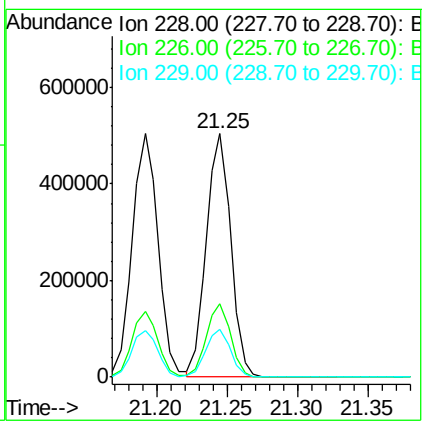


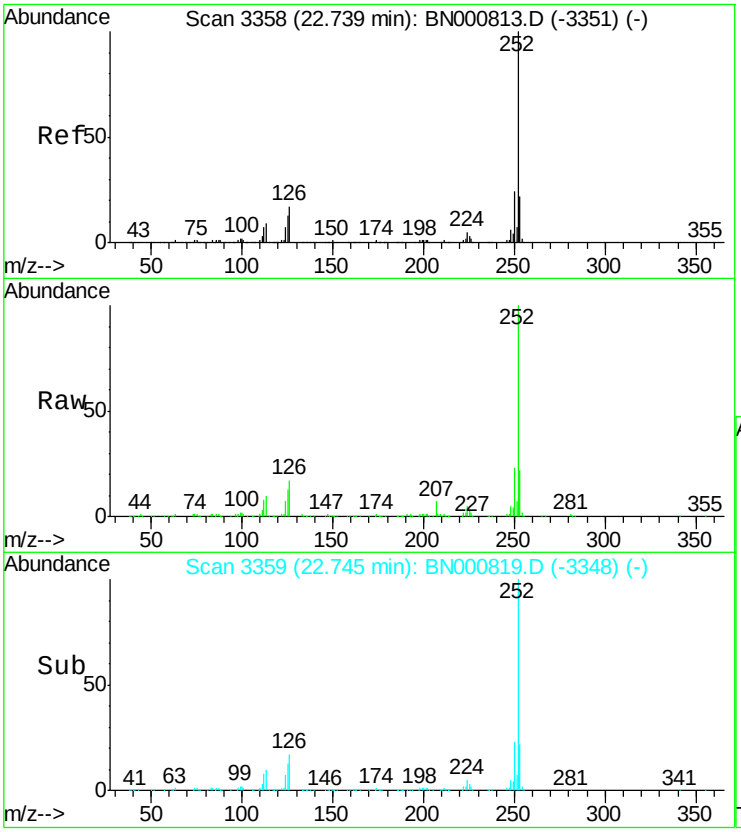


#22
Chrysene
Concen: 21.017 ng/ul
RT: 21.25 min Scan# 3104
Delta R.T. 0.01 min
Lab File: BN000819.D
Acq: 21 Apr 2018 04:49

Tgt Ion:228 Resp: 606988

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.2
229	19.4	15.5	23.3



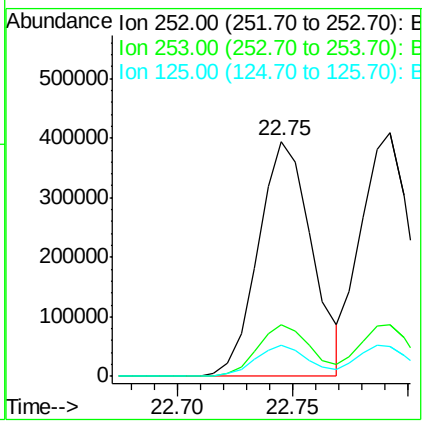


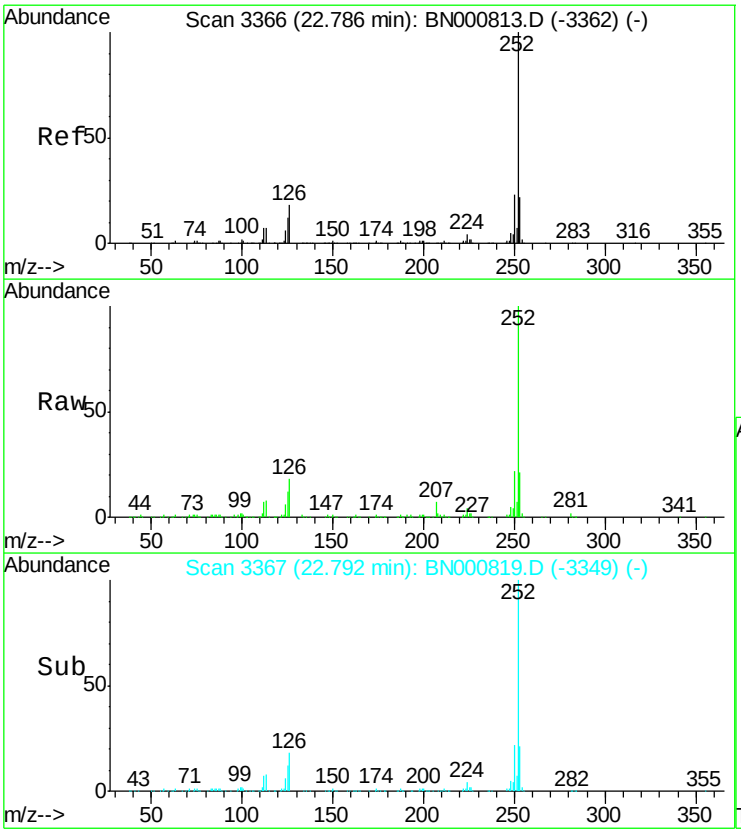
#24
Benzo(b)fluoranthene
Concen: 20.720 ng/ul
RT: 22.75 min Scan# 3359
Delta R.T. 0.01 min
Lab File: BN000819.D
Acq: 21 Apr 2018 04:49

Instrument :
BNA_N
ClientSampleId :
SSTD02059

Tgt Ion:252 Resp: 638393

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	13.5	3.6	5.4#

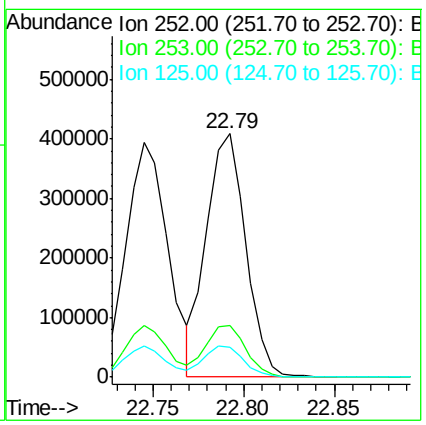


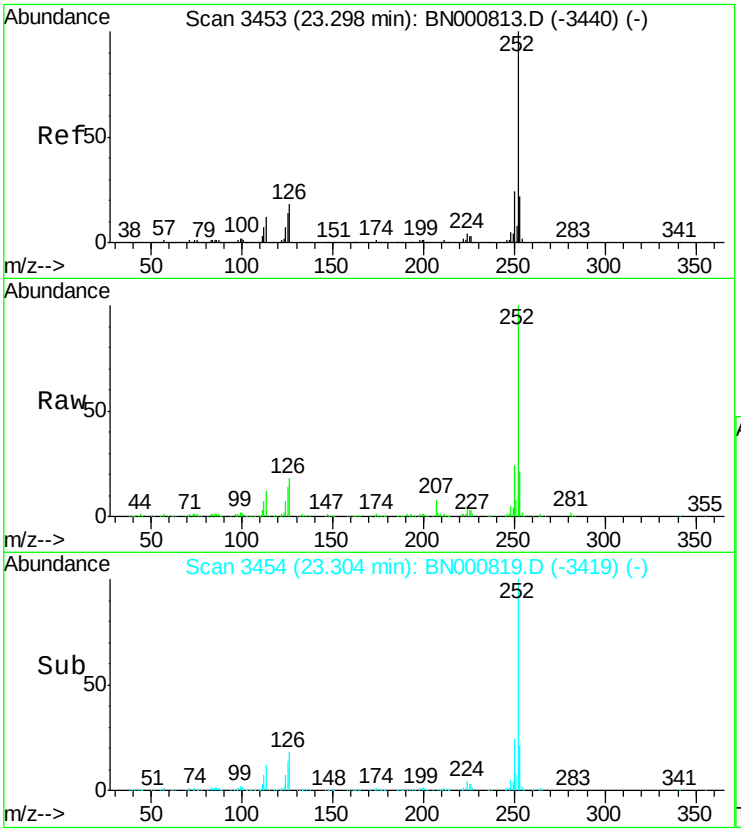


#25
Benzo(k)fluoranthene
Concen: 20.726 ng/ul
RT: 22.79 min Scan# 3367
Delta R.T. 0.01 min
Lab File: BN000819.D
Acq: 21 Apr 2018 04:49

Tgt Ion:252 Resp: 616357

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	12.3	3.4	5.2#



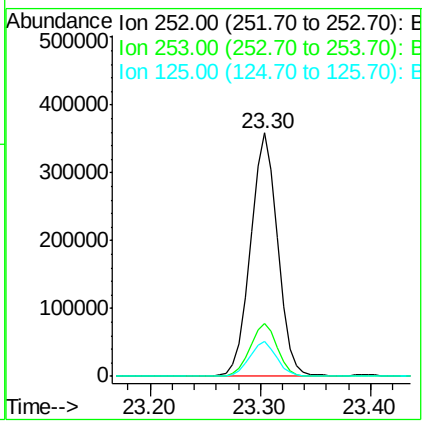


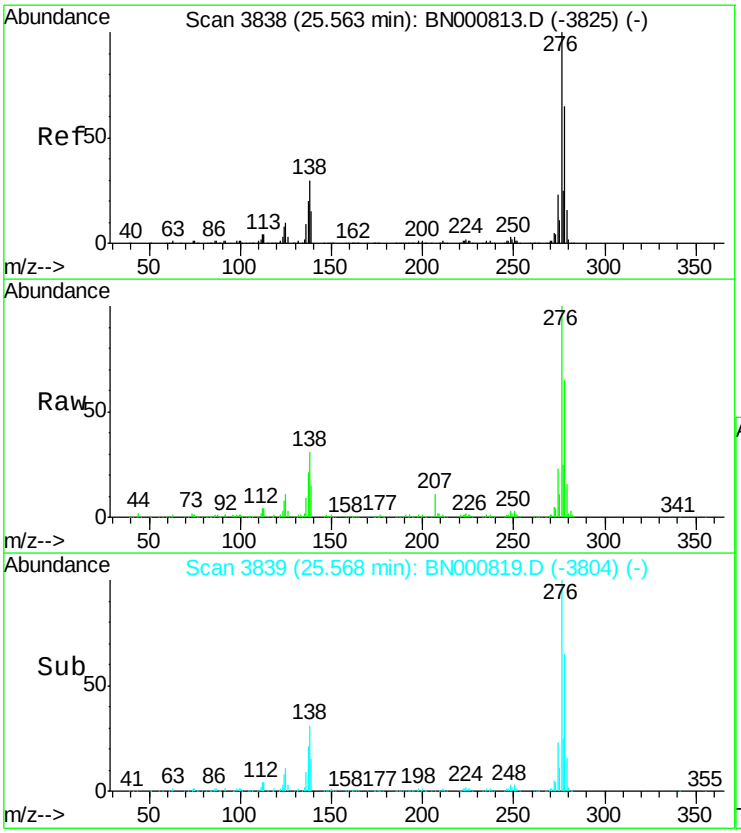
#27
Benzo(a)pyrene
Concen: 21.001 ng/ul
RT: 23.30 min Scan# 3454
Delta R.T. 0.01 min
Lab File: BN000819.D
Acq: 21 Apr 2018 04:49

Instrument :
BNA_N
ClientSampleId :
SSTD02059

Tgt Ion:252 Resp: 619185

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.2
125	14.1	4.0	6.0#

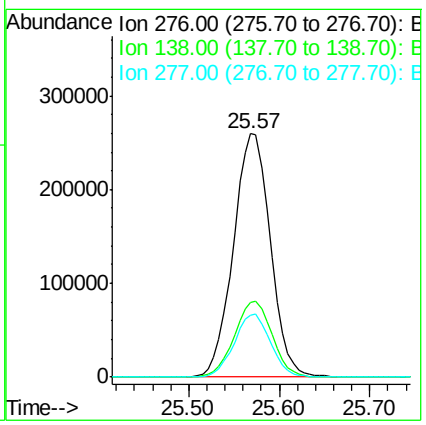


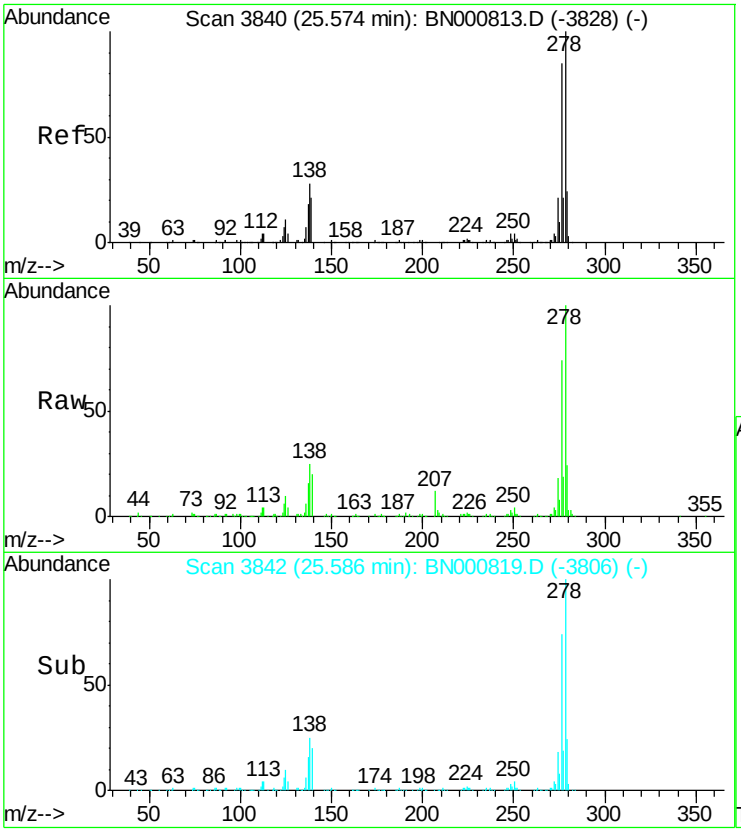


#28
Indeno(1,2,3-cd)pyrene
Concen: 22.353 ng/ul
RT: 25.57 min Scan# 3839
Delta R.T. 0.01 min
Lab File: BN000819.D
Acq: 21 Apr 2018 04:49

Tgt Ion:276 Resp: 736019

Ion	Ratio	Lower	Upper
276	100		
138	30.5	9.3	13.9#
277	25.2	19.9	29.9



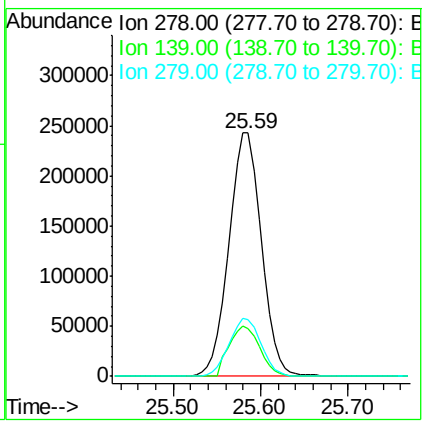


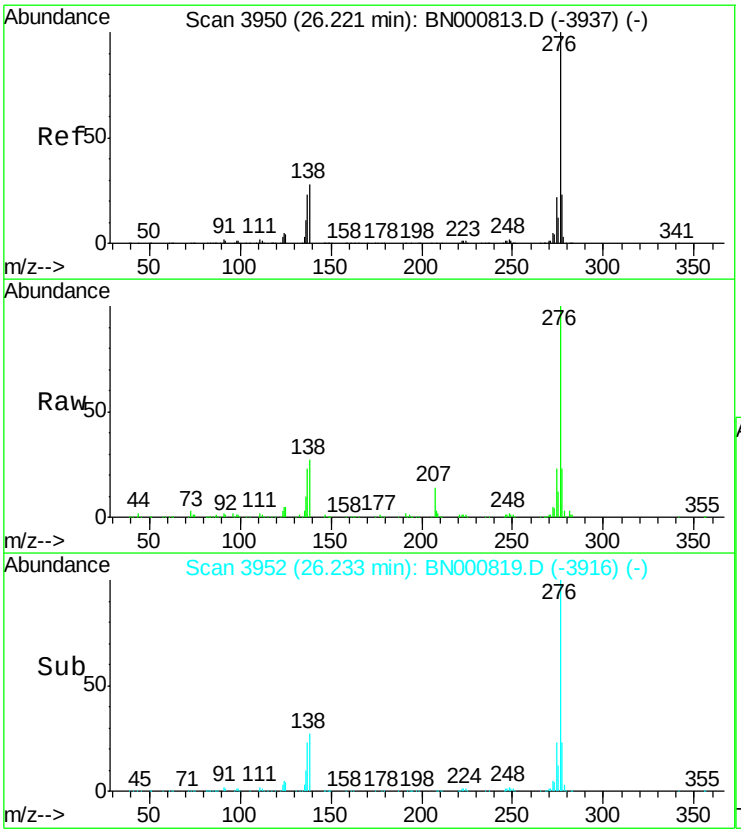
#29
Dibenzo(a,h)anthracene
Concen: 22.268 ng/ul
RT: 25.59 min Scan# 3842
Delta R.T. 0.01 min
Lab File: BN000819.D
Acq: 21 Apr 2018 04:49

Instrument :
BNA_N
ClientSampleId :
SSTD02059

Tgt Ion:278 Resp: 613206

Ion	Ratio	Lower	Upper
278	100		
139	19.6	5.8	8.8#
279	23.6	18.6	27.8





#30
Benzo(g,h,i)perylene
Concen: 22.280 ng/ul
RT: 26.23 min Scan# 3952
Delta R.T. 0.01 min
Lab File: BN000819.D
Acq: 21 Apr 2018 04:49

Tgt Ion:276 Resp: 607463

Ion	Ratio	Lower	Upper
276	100		
138	27.2	8.5	12.7#
277	23.4	18.6	28.0