Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042618\
Data File : BN000950.D
Acq On : 27 Apr 2018 01:35
Operator : JU/SJ
Sample : J2526-20
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Apr 27 08:25:48 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 27 08:22:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	139342	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	556513	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	266277	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	531471	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	524152	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	548482	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	786741	30.76	ng/ul	0.00
10) Fluorene-d10	15.26	176	529943	31.05	ng/ul	0.00
14) Anthracene-d10	17.10	188	759423	31.25	ng/ul	0.00
18) Pyrene-d10	19.41	212	815497	30.36	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	877807	33.88	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	17.05	178	33907	1.170	ng/ul	97
16) Fluoranthene	19.07	202	66156	2.249	ng/ul#	94
19) Pyrene	19.43	202	56145	1.668	ng/ul#	89
20) Benzo(a)anthracene	21.20	228	36450	1.163	ng/ul	93
21) Chrysene	21.20	228	35094	1.192	ng/ul	97
23) Benzo(b)fluoranthene	22.75	252	54308	1.742	ng/ul#	91
24) Benzo(k)fluoranthene	22.75	252	65894	2.160	ng/ul#	92
26) Benzo(a)pyrene	23.31	252	33084	1.111	ng/ul#	85

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

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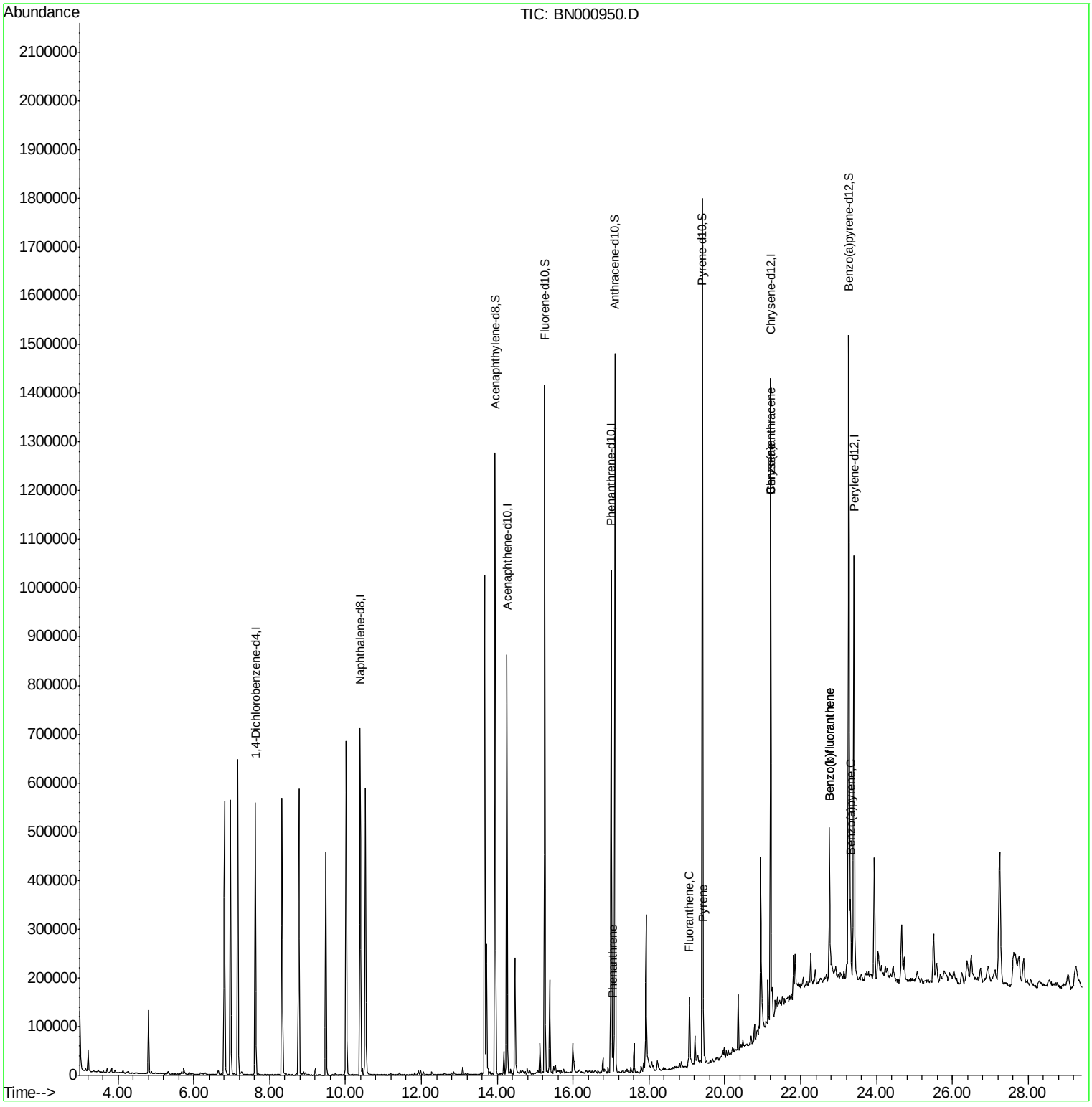
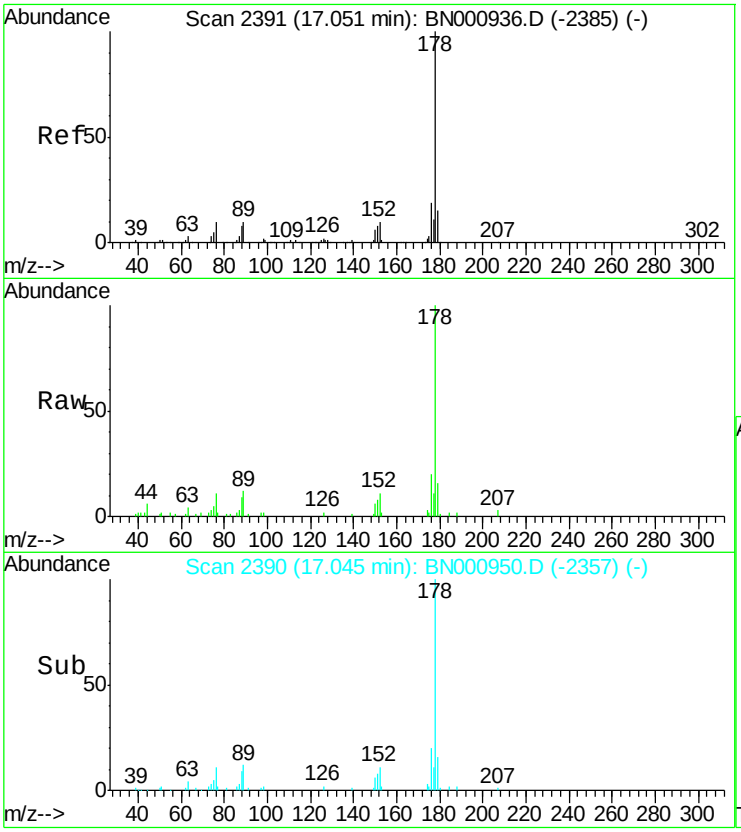


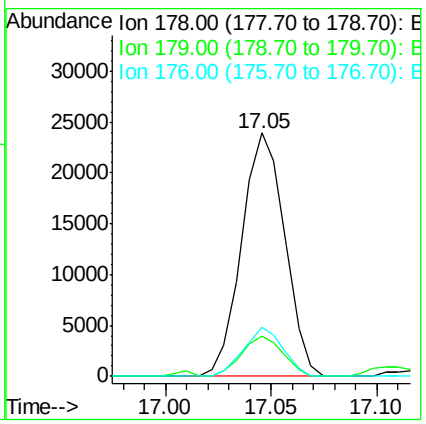


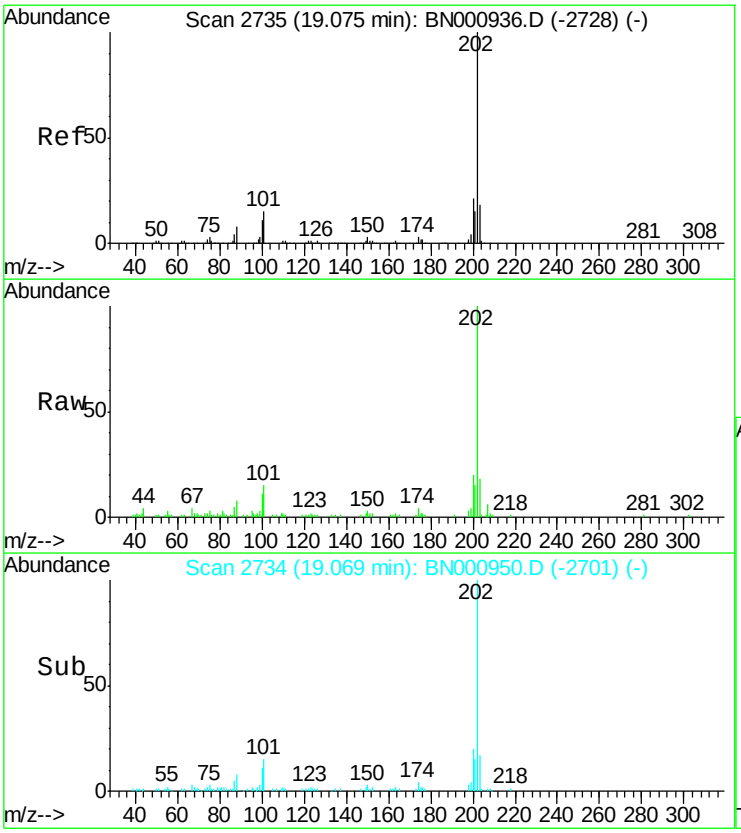
#13
Phenanthrene
Concen: 1.170 ng/ul
RT: 17.05 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BN000950.D
Acq: 27 Apr 2018 01:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 33907

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.3	18.5
176	20.1	15.1	22.7

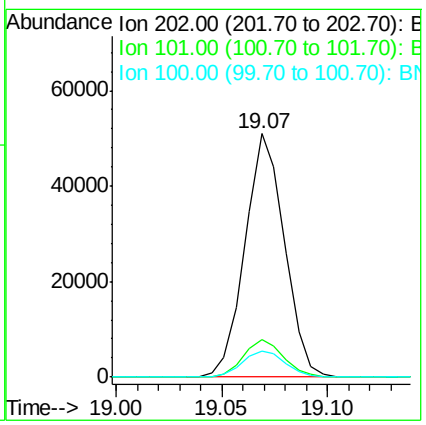


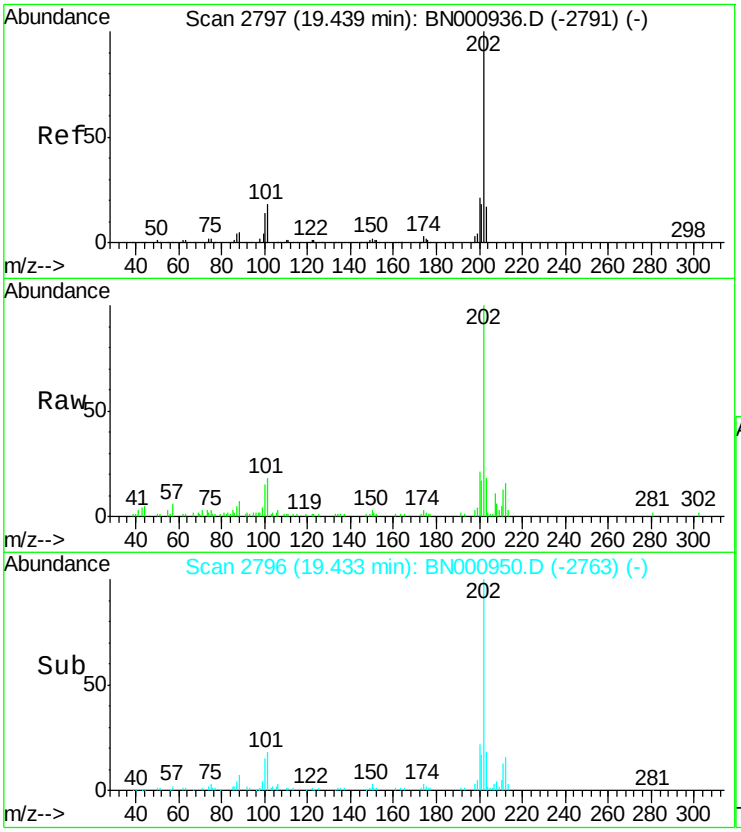


#16
Fluoranthene
Concen: 2.249 ng/ul
RT: 19.07 min Scan# 2734
Delta R.T. -0.01 min
Lab File: BN000950.D
Acq: 27 Apr 2018 01:35

Tgt Ion:202 Resp: 66156

Ion	Ratio	Lower	Upper
202	100		
101	15.3	9.9	14.9#
100	10.9	7.4	11.0



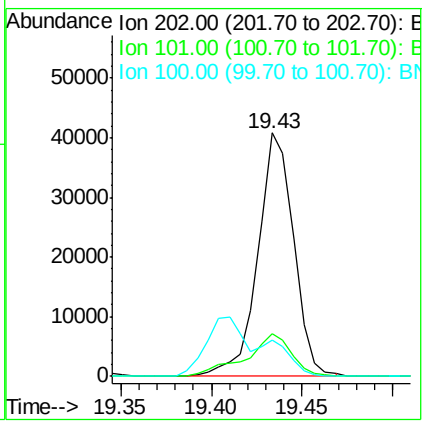


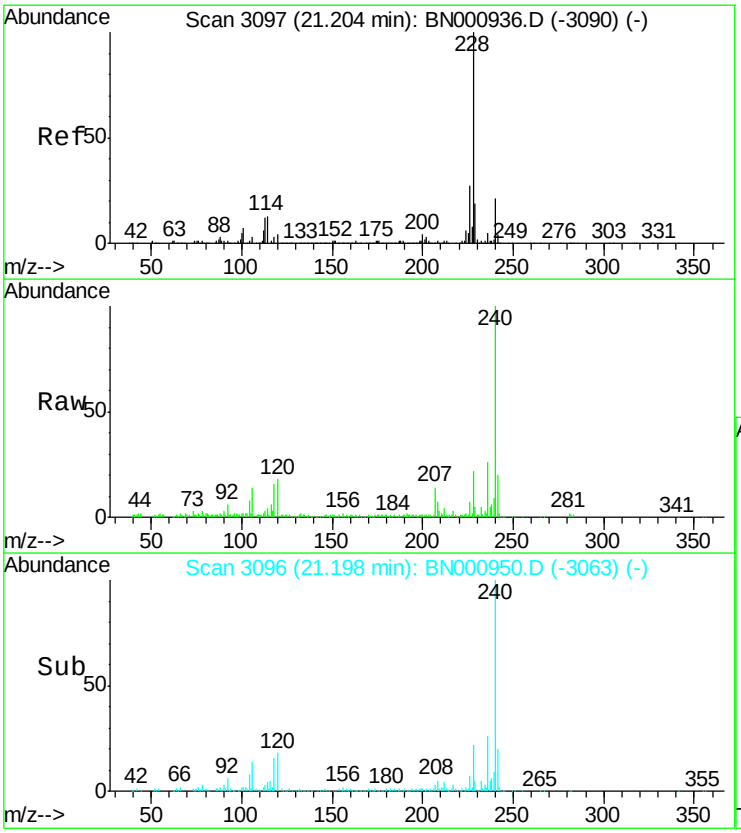
#19
Pyrene
Concen: 1.668 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. -0.01 min
Lab File: BN000950.D
Acq: 27 Apr 2018 01:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 56145

Ion	Ratio	Lower	Upper
202	100		
101	17.6	11.0	16.4#
100	15.0	8.1	12.1#

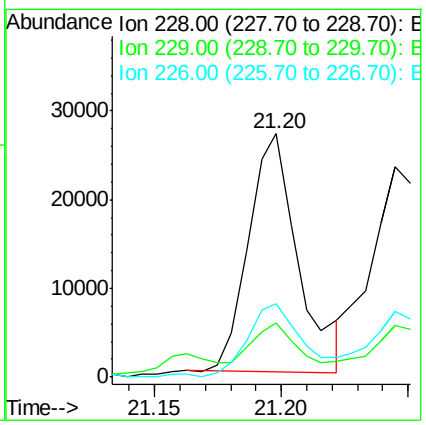


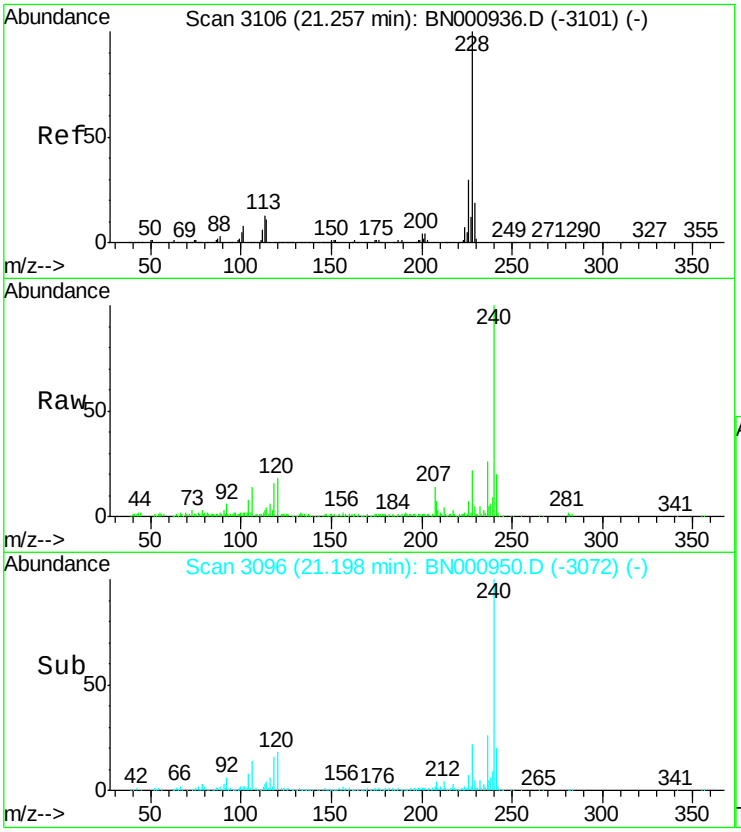


#20
Benzo(a)anthracene
Concen: 1.163 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BN000950.D
Acq: 27 Apr 2018 01:35

Tgt Ion:228 Resp: 36450

Ion	Ratio	Lower	Upper
228	100		
229	22.4	15.7	23.5
226	30.0	21.1	31.7



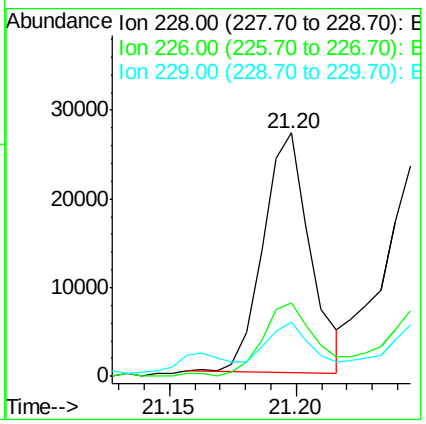


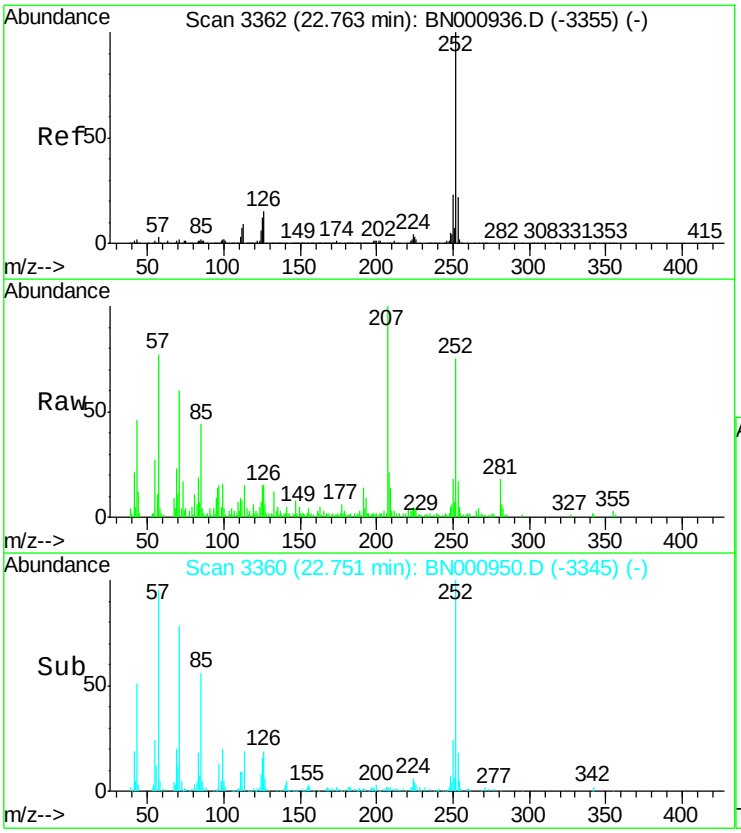
#21
Chrysene
Concen: 1.192 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. -0.06 min
Lab File: BN000950.D
Acq: 27 Apr 2018 01:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 35094

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.5	36.7
229	22.4	15.8	23.8

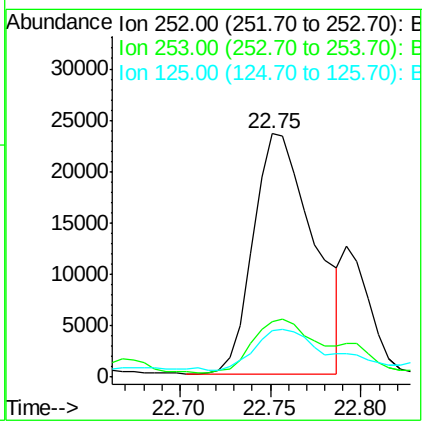


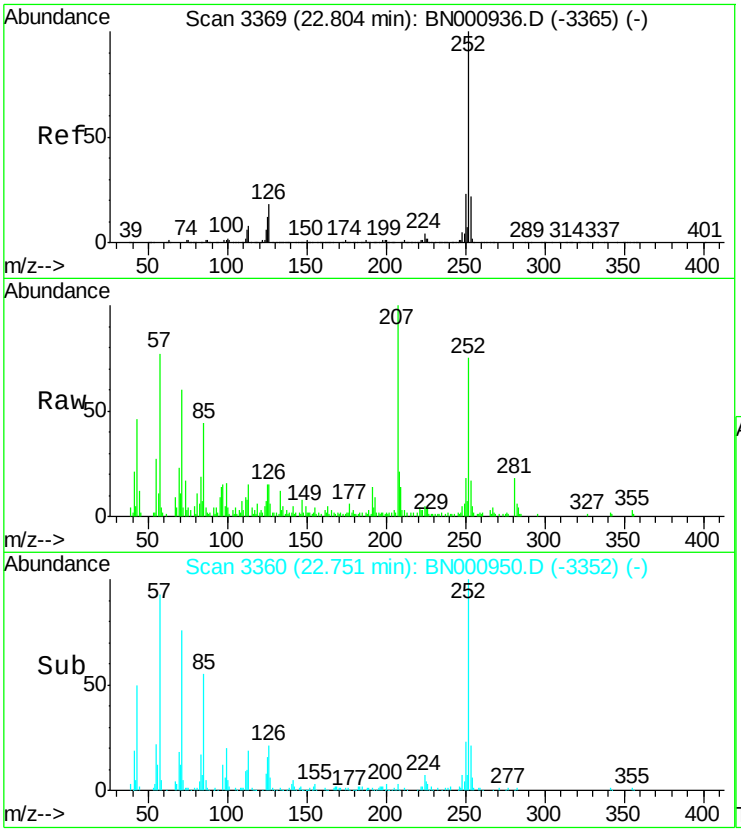


#23
Benzo(b)fluoranthene
Concen: 1.742 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BN000950.D
Acq: 27 Apr 2018 01:35

Tgt Ion:252 Resp: 54308

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	19.3	8.0	12.0#



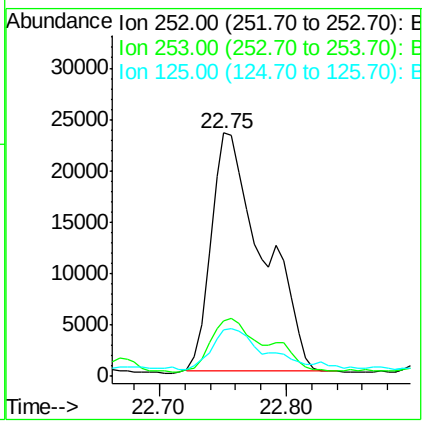


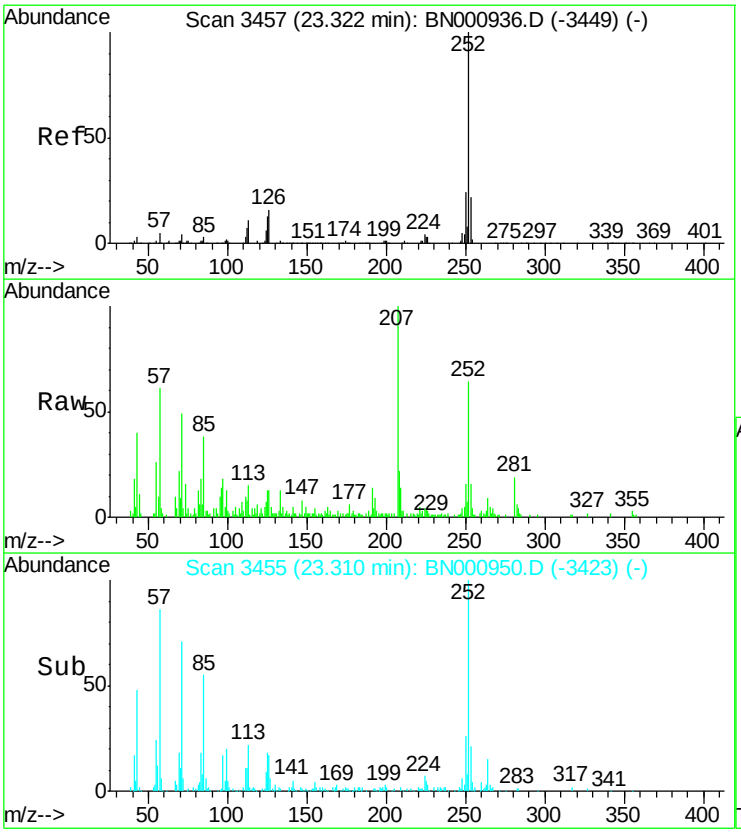
#24
Benzo(k)fluoranthene
Concen: 2.160 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. -0.05 min
Lab File: BN000950.D
Acq: 27 Apr 2018 01:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 65894

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	19.3	8.1	12.1#





#26
Benzo(a)pyrene
Concen: 1.111 ng/ul
RT: 23.31 min Scan# 3455
Delta R.T. -0.01 min
Lab File: BN000950.D
Acq: 27 Apr 2018 01:35

Tgt Ion:252 Resp: 33084

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.2	25.8
125	20.9	8.2	12.4#