Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\
Data File : BN001091.D
Acq On : 03 May 2018 03:09
Operator : JU/SJ
Sample : J2601-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: May 03 08:28:32 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 03 08:25:51 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	118588	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	483511	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	237315	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	473783	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	462006	20.00	ng/ul	0.00
22) Perylene-d12	23.42	264	485509	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	472977	20.75	ng/ul	0.00
10) Fluorene-d10	15.25	176	324629	21.34	ng/ul	0.00
14) Anthracene-d10	17.10	188	467877	21.59	ng/ul	0.00
18) Pyrene-d10	19.41	212	504564	21.31	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	532043	23.20	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	17.05	178	32509	1.258	ng/ul	98
15) Anthracene	17.05	178	32509	1.254	ng/ul	99
16) Fluoranthene	19.07	202	82427	3.144	ng/ul#	93
19) Pyrene	19.44	202	71299	2.403	ng/ul#	90
20) Benzo(a)anthracene	21.20	228	37799	1.369	ng/ul	95
21) Chrysene	21.25	228	40885	1.575	ng/ul	96
23) Benzo(b)fluoranthene	22.76	252	59486	2.156	ng/ul#	77
24) Benzo(k)fluoranthene	22.76	252	71767	2.658	ng/ul#	77
26) Benzo(a)pyrene	23.32	252	33899	1.286	ng/ul#	83

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

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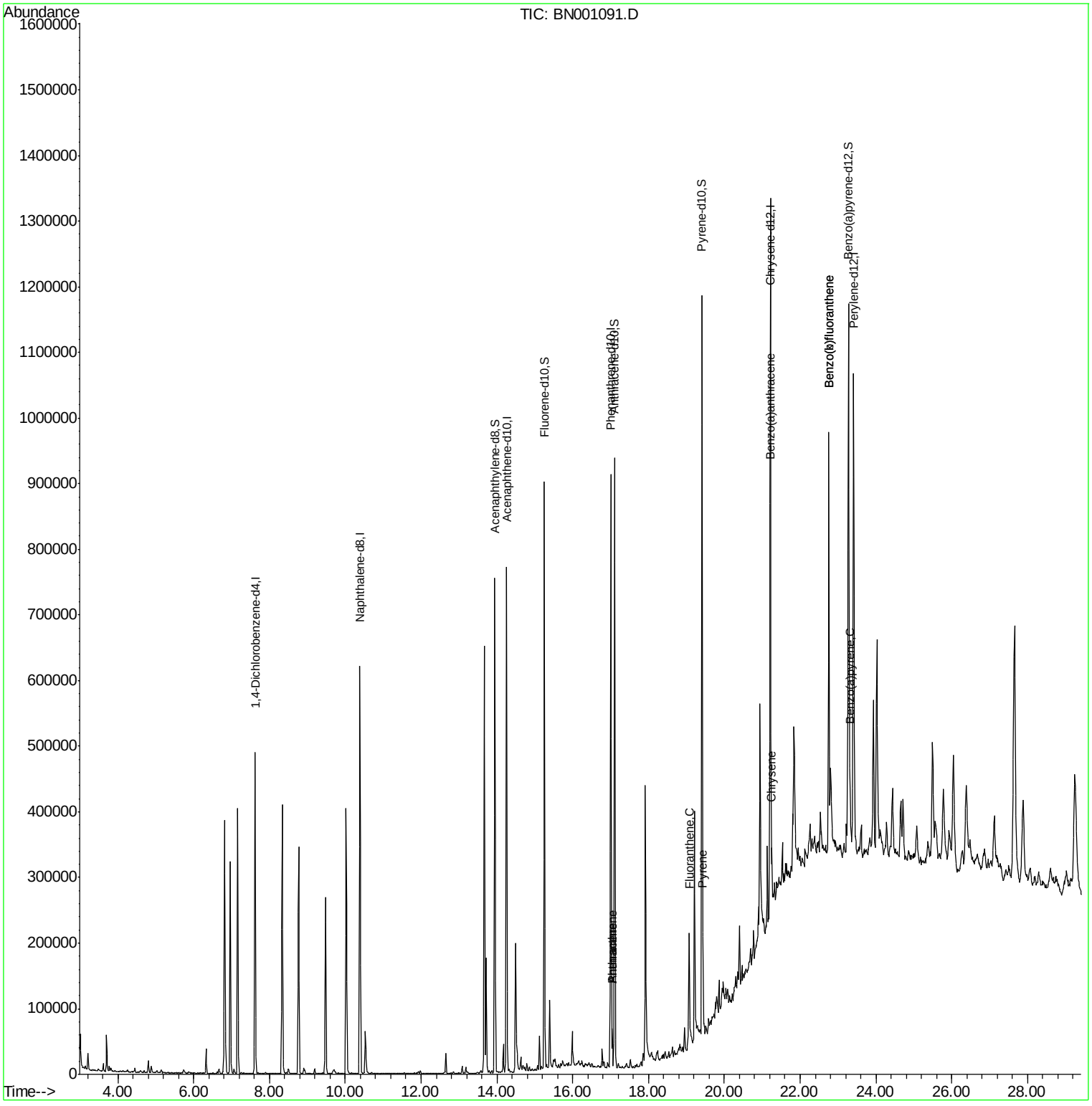
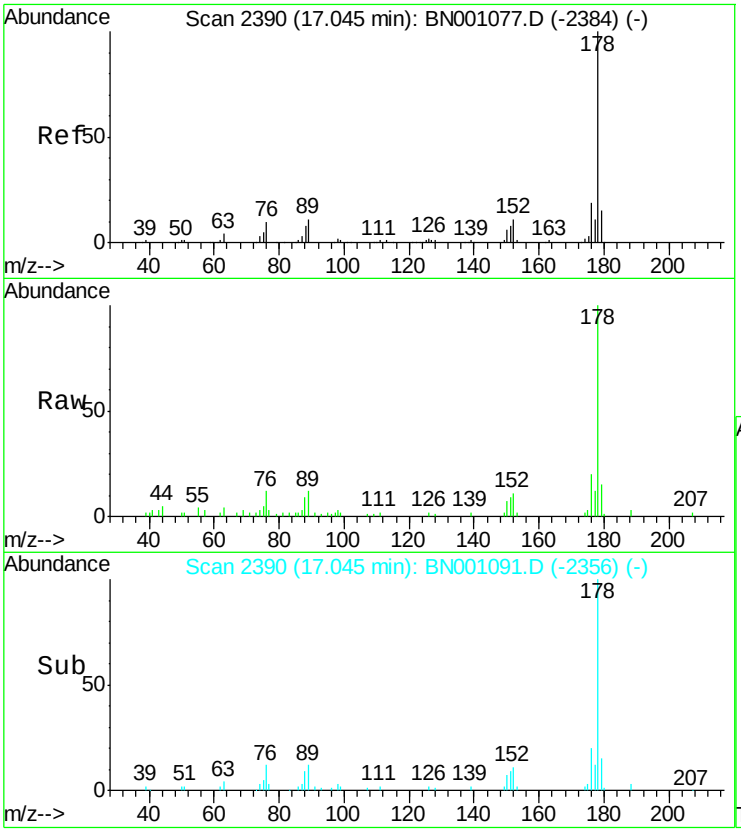


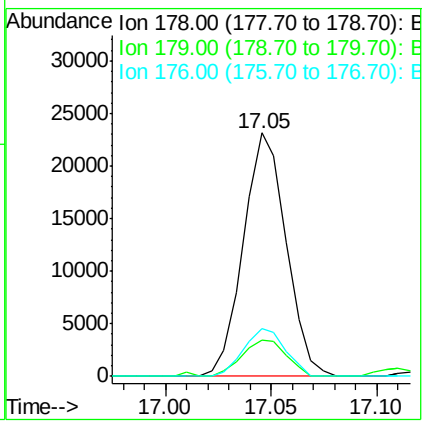


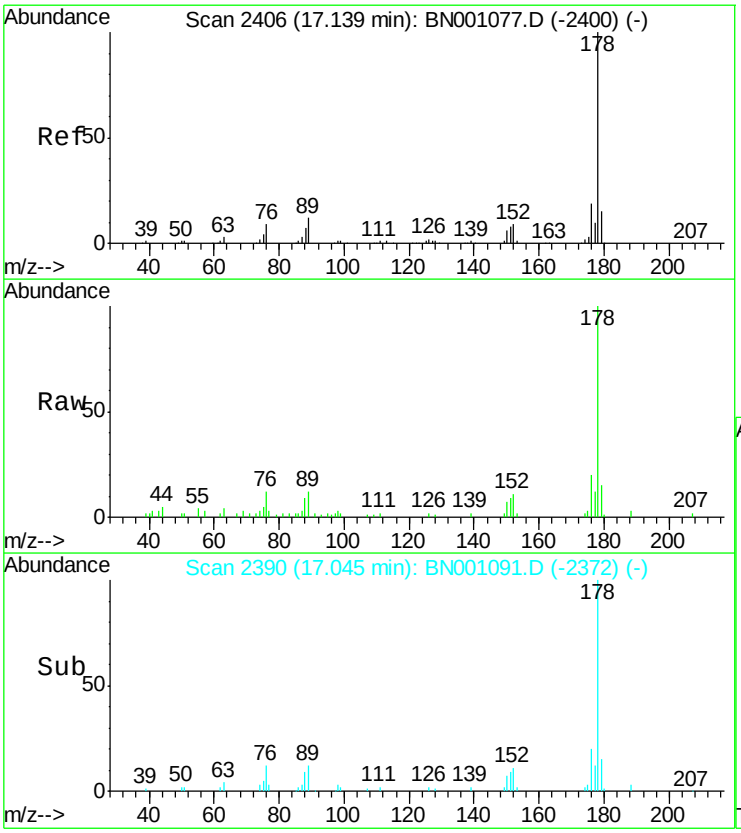
#13
Phenanthrene
Concen: 1.258 ng/ul
RT: 17.05 min Scan# 2390
Delta R.T. 0.00 min
Lab File: BN001091.D
Acq: 03 May 2018 03:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 32509

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.3	18.5
176	19.6	15.1	22.7

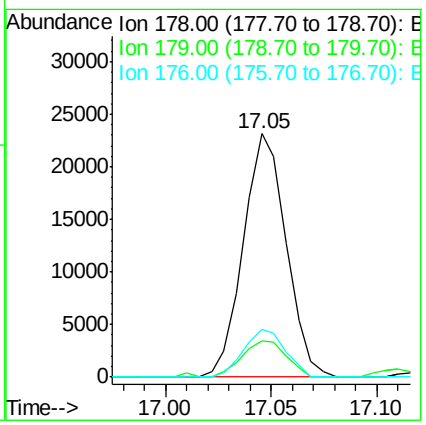


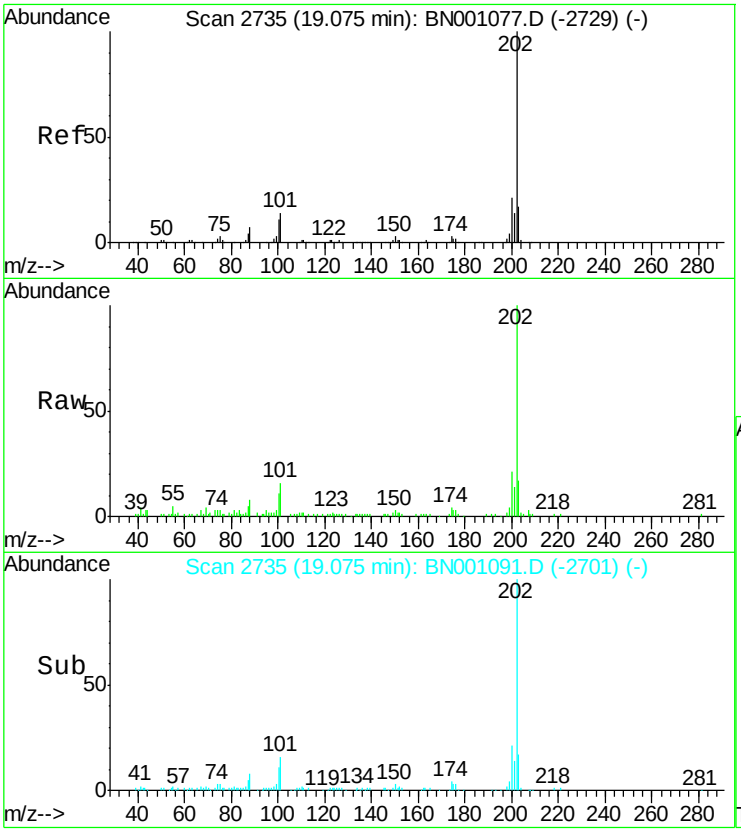


#15
Anthracene
Concen: 1.254 ng/ul
RT: 17.05 min Scan# 2390
Delta R.T. -0.09 min
Lab File: BN001091.D
Acq: 03 May 2018 03:09

Tgt Ion:178 Resp: 32509

Ion	Ratio	Lower	Upper
178	100		
179	14.7	11.8	17.8
176	19.6	15.2	22.8



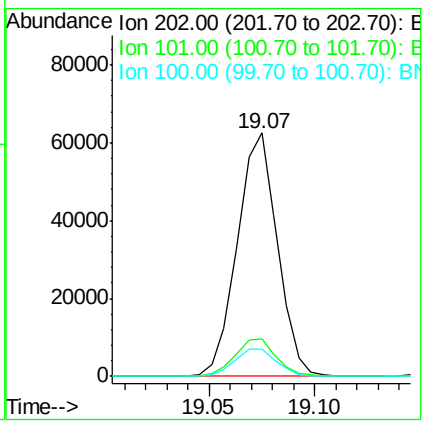


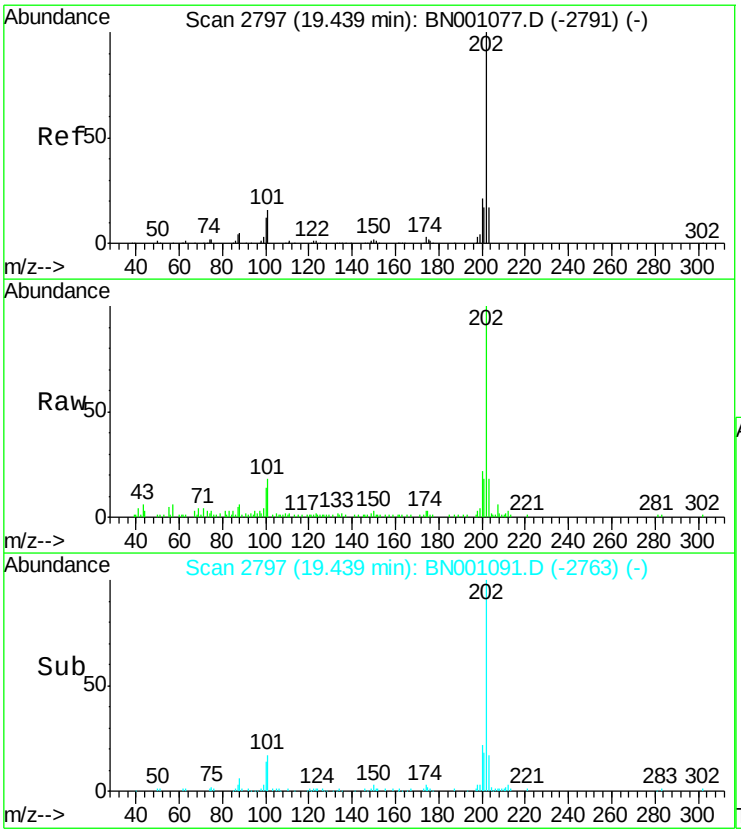
#16
Fluoranthene
Concen: 3.144 ng/ul
RT: 19.07 min Scan# 2735
Delta R.T. 0.00 min
Lab File: BN001091.D
Acq: 03 May 2018 03:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 82427

Ion	Ratio	Lower	Upper
202	100		
101	15.7	9.9	14.9#
100	11.0	7.4	11.0

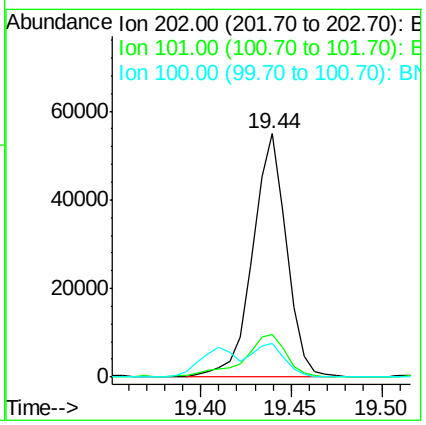


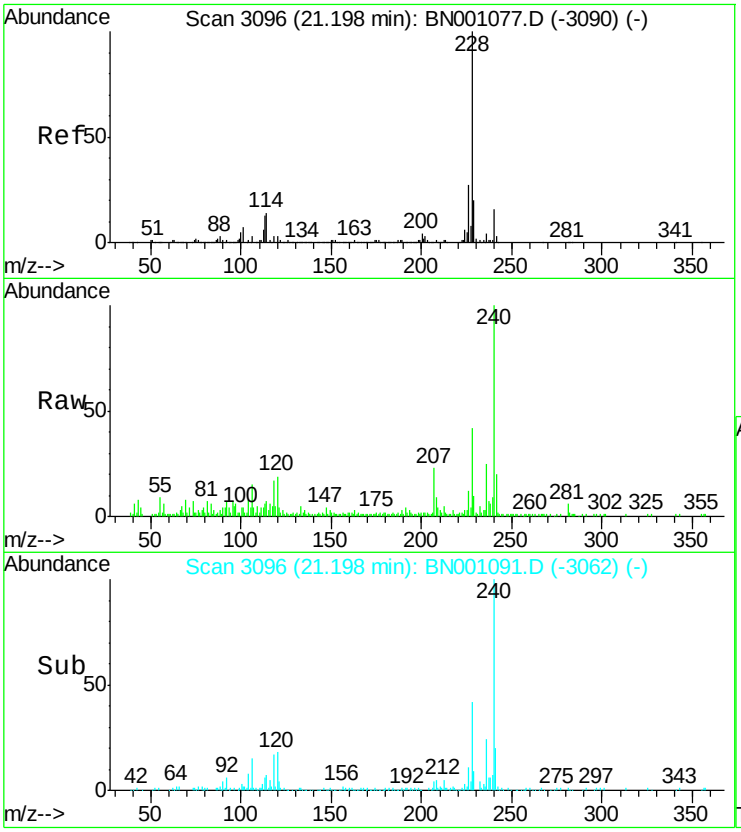


#19
Pyrene
Concen: 2.403 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. 0.00 min
Lab File: BN001091.D
Acq: 03 May 2018 03:09

Tgt Ion:202 Resp: 71299

Ion	Ratio	Lower	Upper
202	100		
101	17.6	11.0	16.4#
100	14.0	8.1	12.1#



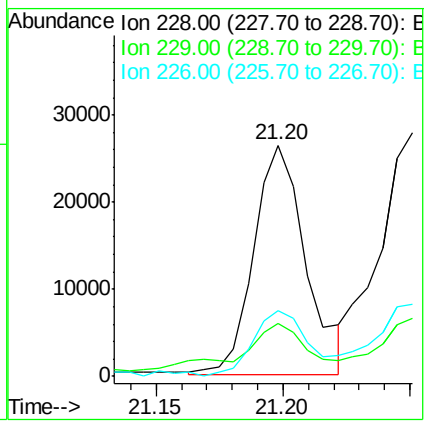


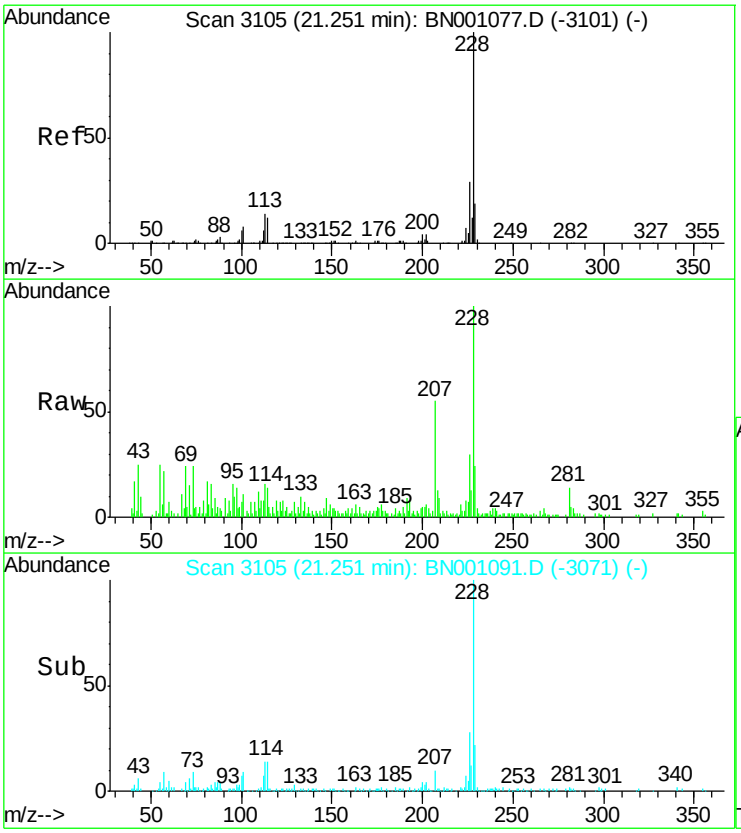
#20
Benzo(a)anthracene
Concen: 1.369 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BN001091.D
Acq: 03 May 2018 03:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 37799

Ion	Ratio	Lower	Upper
228	100		
229	22.8	15.7	23.5
226	28.1	21.1	31.7

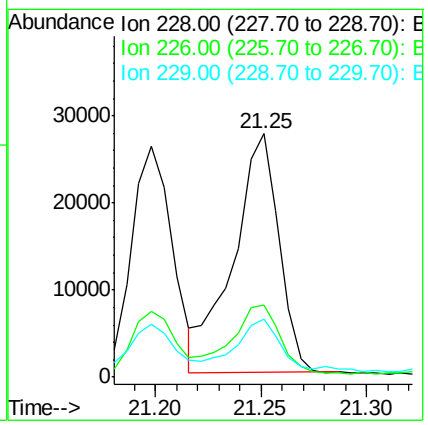


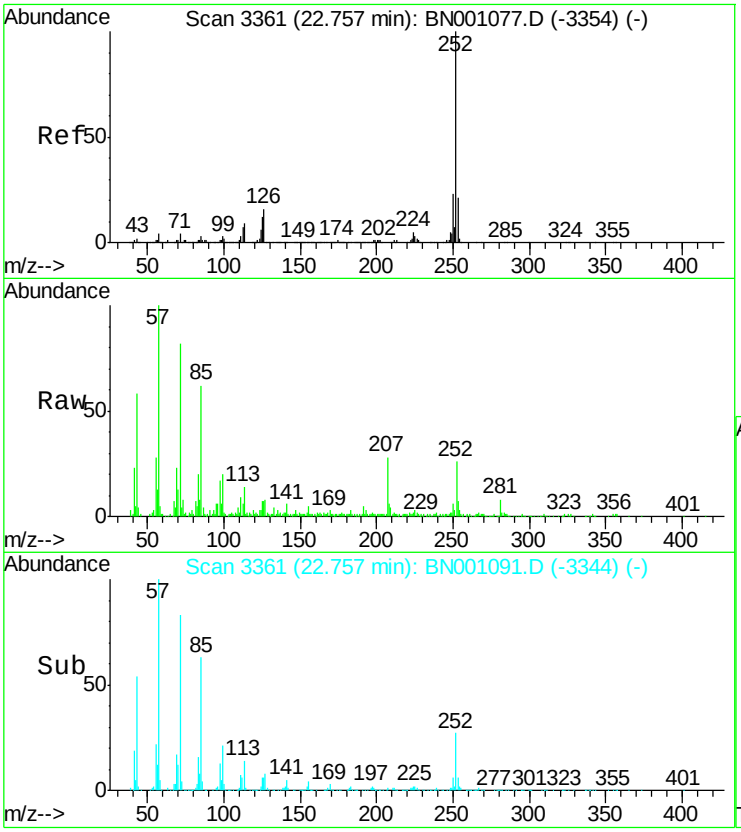


#21
Chrysene
Concen: 1.575 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. 0.00 min
Lab File: BN001091.D
Acq: 03 May 2018 03:09

Tgt Ion:228 Resp: 40885

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.5	36.7
229	23.6	15.8	23.8



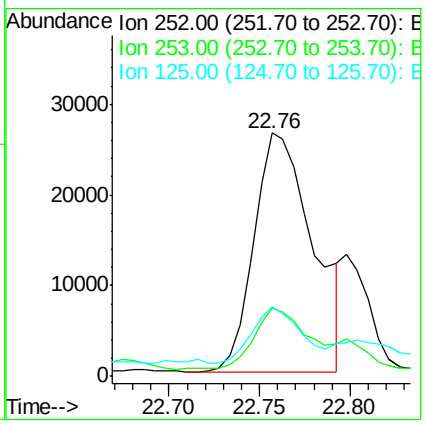


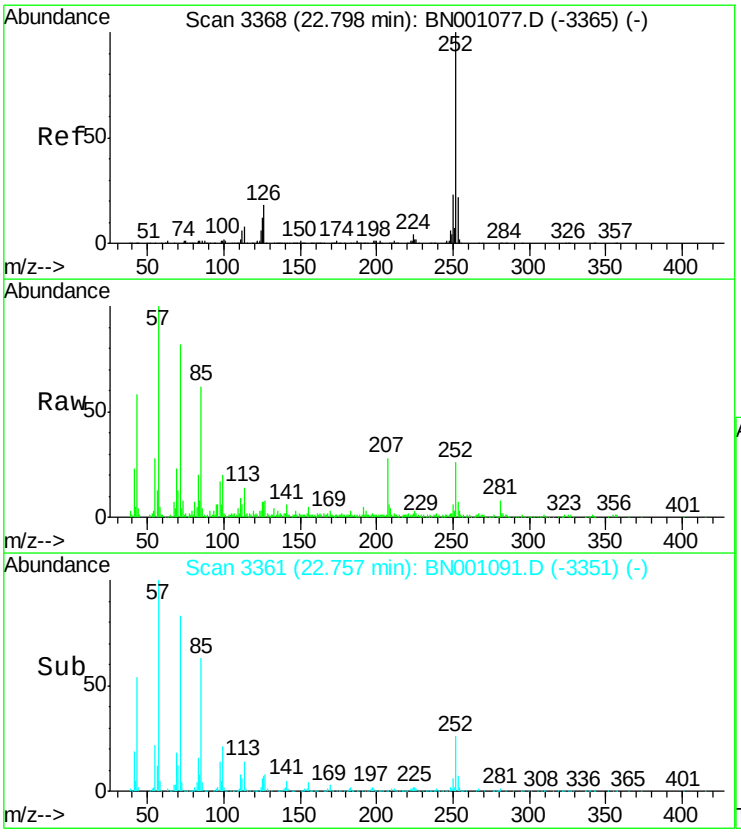
#23
Benzo(b)fluoranthene
Concen: 2.156 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. 0.00 min
Lab File: BN001091.D
Acq: 03 May 2018 03:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 59486

Ion	Ratio	Lower	Upper
252	100		
253	27.8	18.0	27.0#
125	28.5	8.0	12.0#

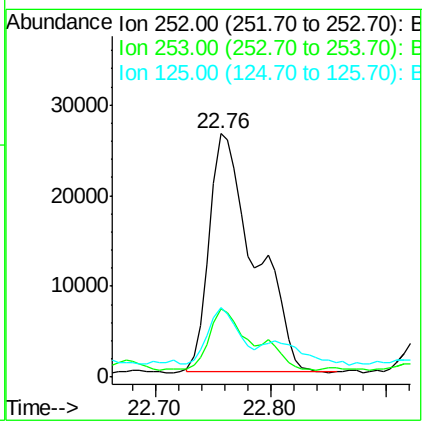


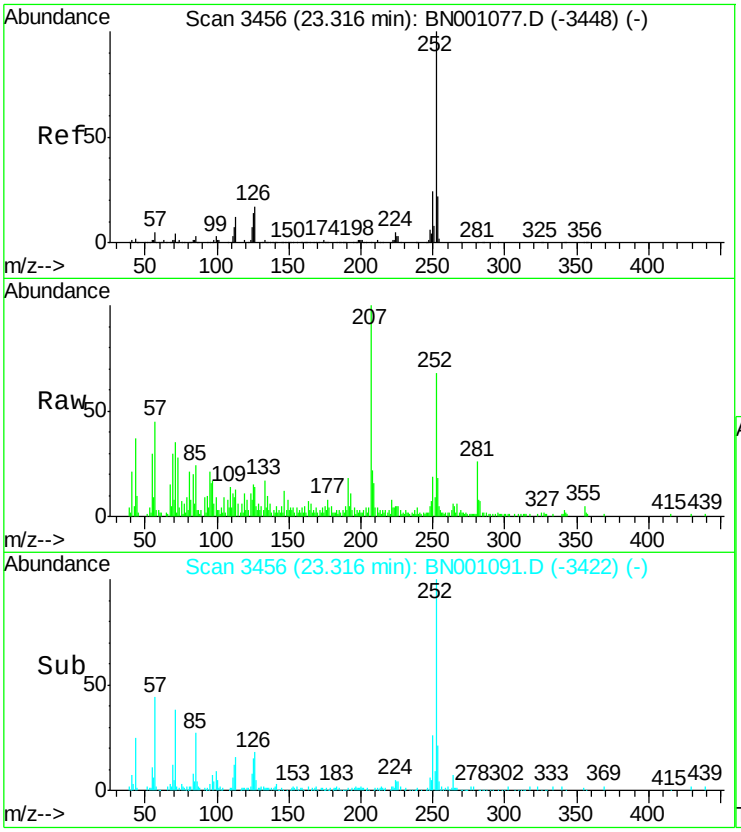


#24
Benzo(k)fluoranthene
Concen: 2.658 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. -0.04 min
Lab File: BN001091.D
Acq: 03 May 2018 03:09

Tgt Ion:252 Resp: 71767

Ion	Ratio	Lower	Upper
252	100		
253	27.8	18.0	27.0#
125	28.5	8.1	12.1#





#26
Benzo(a)pyrene
Concen: 1.286 ng/ul
RT: 23.32 min Scan# 3456
Delta R.T. 0.00 min
Lab File: BN001091.D
Acq: 03 May 2018 03:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 33899

Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.2	25.8#
125	21.4	8.2	12.4#