Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042018\
Data File : BN000799.D
Acq On : 20 Apr 2018 17:18
Operator : JU/SJ
Sample : J2355-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Y33

Quant Time: Apr 21 02:47:34 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN041918-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 21 02:47:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	135280	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	584158	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	288871	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	560396	20.00	ng/ul	0.00
18) Chrysene-d12	21.20	240	497952	20.00	ng/ul	0.00
23) Perylene-d12	23.39	264	518861	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.01	165	233112	28.05	ng/ul	0.00
7) Acenaphthylene-d8	13.95	160	811638	29.19	ng/ul	0.00
10) Fluorene-d10	15.25	176	521604	28.00	ng/ul	0.00
15) Anthracene-d10	17.10	188	703555	27.15	ng/ul	0.00
19) Pyrene-d10	19.40	212	726463	28.99	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.26	264	667779	27.30	ng/ul	0.00
Target Compounds						Qvalue
14) Phenanthrene	17.04	178	38302	1.251	ng/ul	98
16) Anthracene	17.04	178	38302	1.237	ng/ul	99
17) Fluoranthene	19.06	202	81407	2.705	ng/ul#	74
20) Pyrene	19.43	202	76224	2.418	ng/ul#	73
21) Benzo(a)anthracene	21.19	228	37332	1.258	ng/ul	94
22) Chrysene	21.24	228	39373	1.403	ng/ul	97
24) Benzo(b)fluoranthene	22.74	252	53093	1.769	ng/ul#	92
25) Benzo(k)fluoranthene	22.74	252	53093	1.833	ng/ul#	90
27) Benzo(a)pyrene	23.30	252	36945	1.286	ng/ul#	92

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

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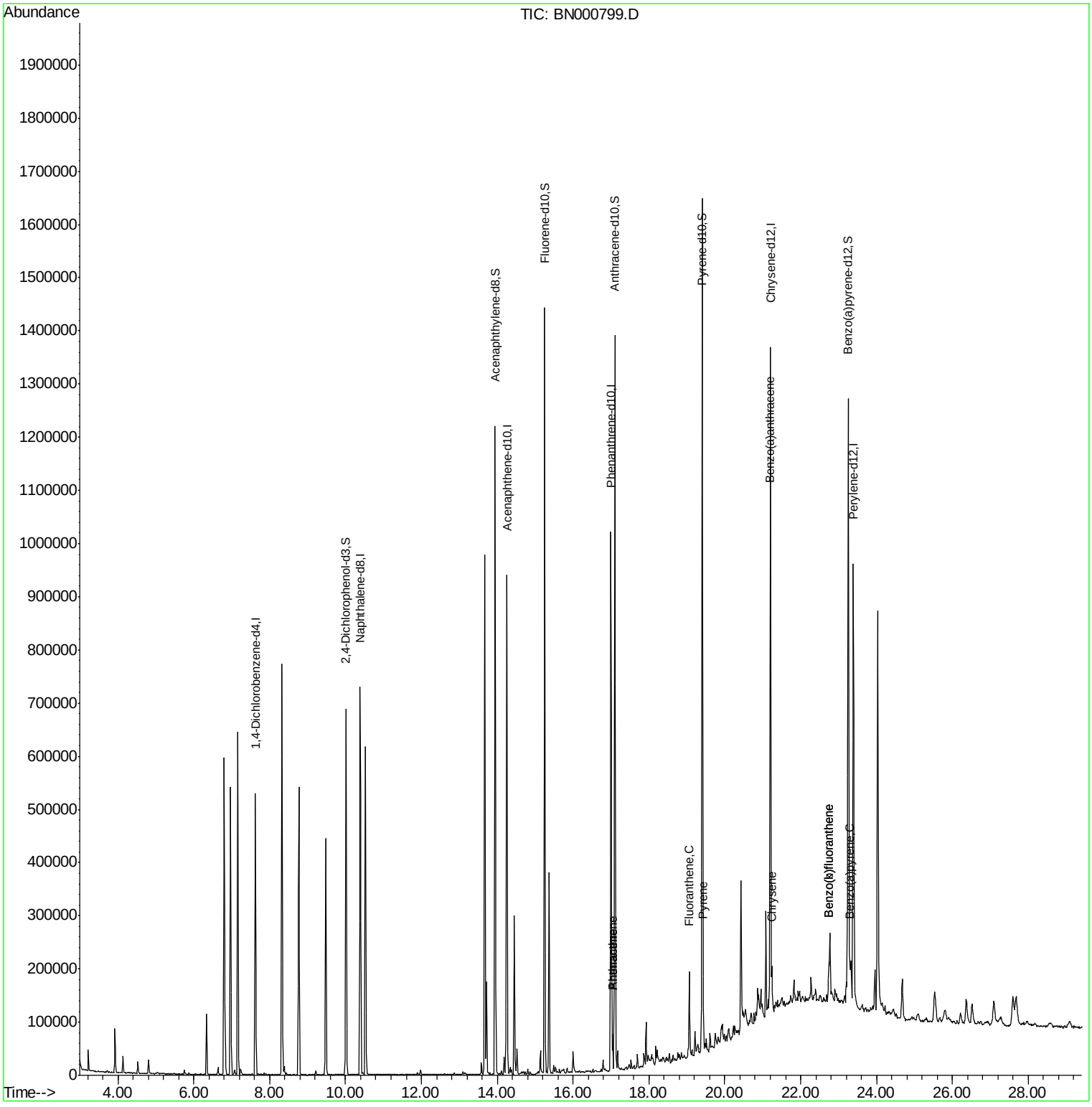
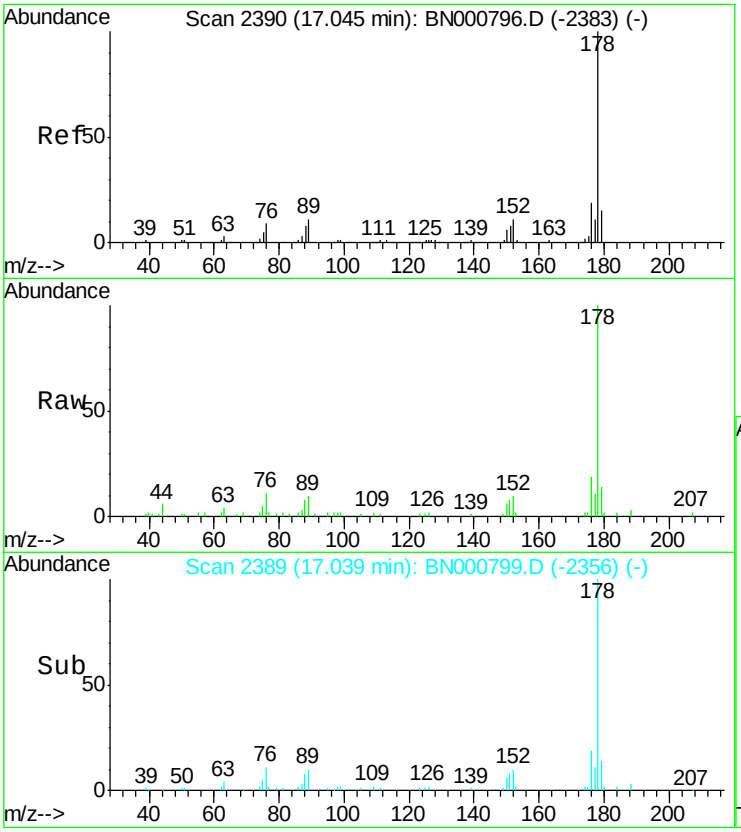


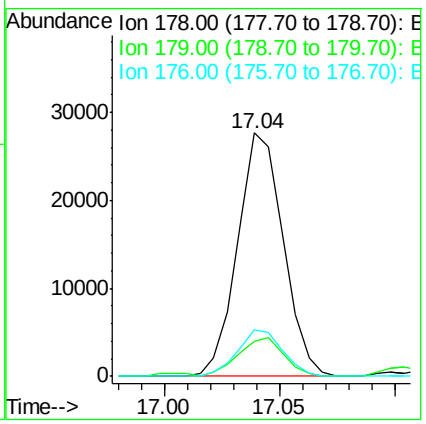


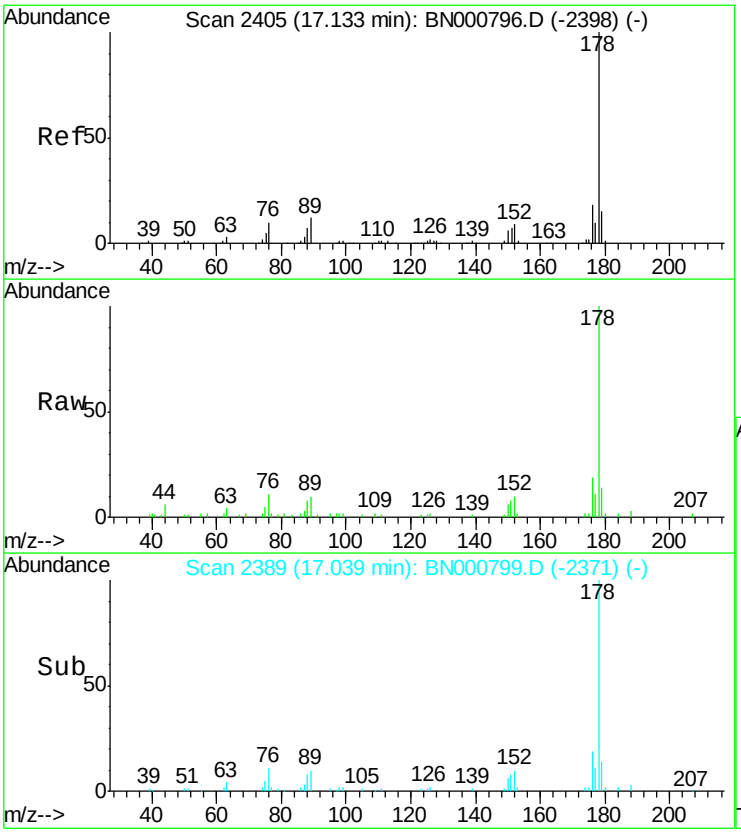
#14
Phenanthrene
Concen: 1.251 ng/ul
RT: 17.04 min Scan# 2389
Delta R.T. -0.01 min
Lab File: BN000799.D
Acq: 20 Apr 2018 17:18

Instrument :
BNA_N
ClientSampleId :
A3Y33

Tgt Ion:178 Resp: 38302

Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.6	19.0
176	19.1	14.9	22.3

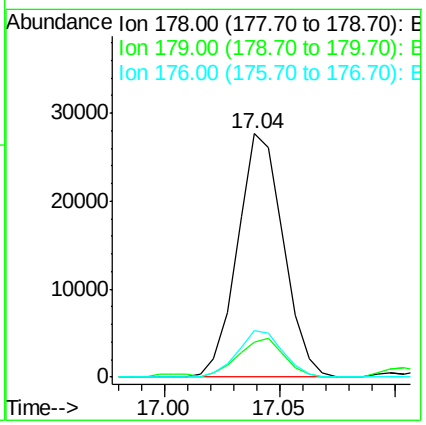


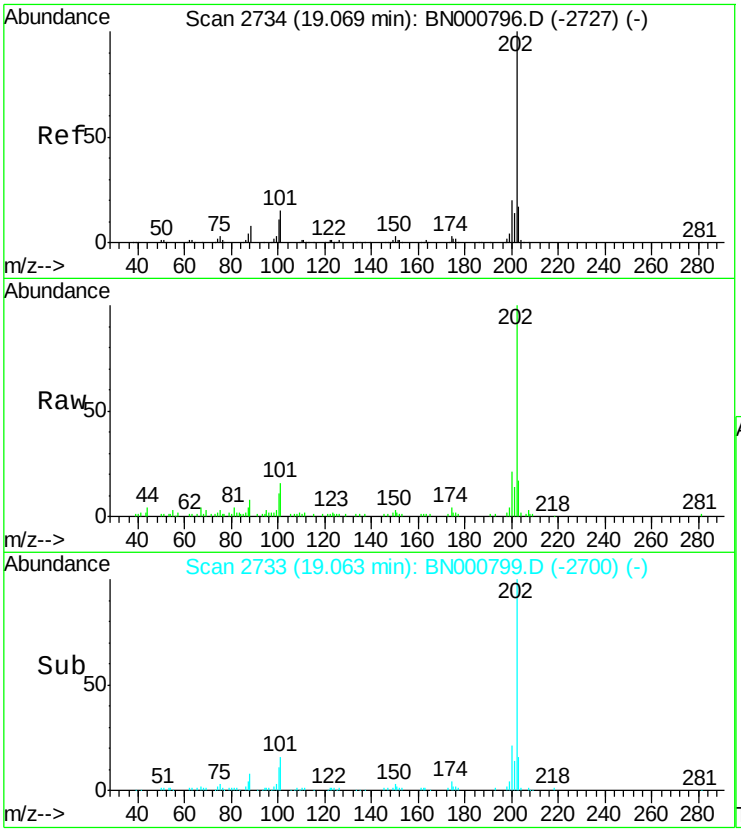


#16
Anthracene
Concen: 1.237 ng/ul
RT: 17.04 min Scan# 2389
Delta R.T. -0.09 min
Lab File: BN000799.D
Acq: 20 Apr 2018 17:18

Tgt Ion:178 Resp: 38302

Ion	Ratio	Lower	Upper
178	100		
179	14.4	11.7	17.5
176	19.1	14.6	21.8



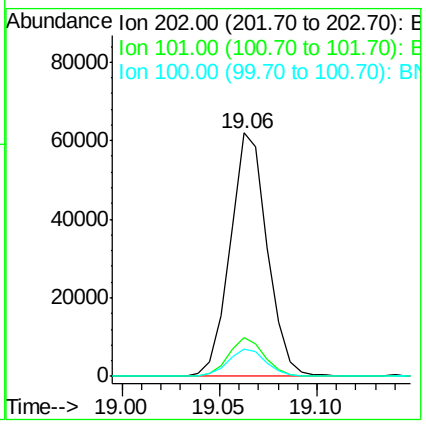


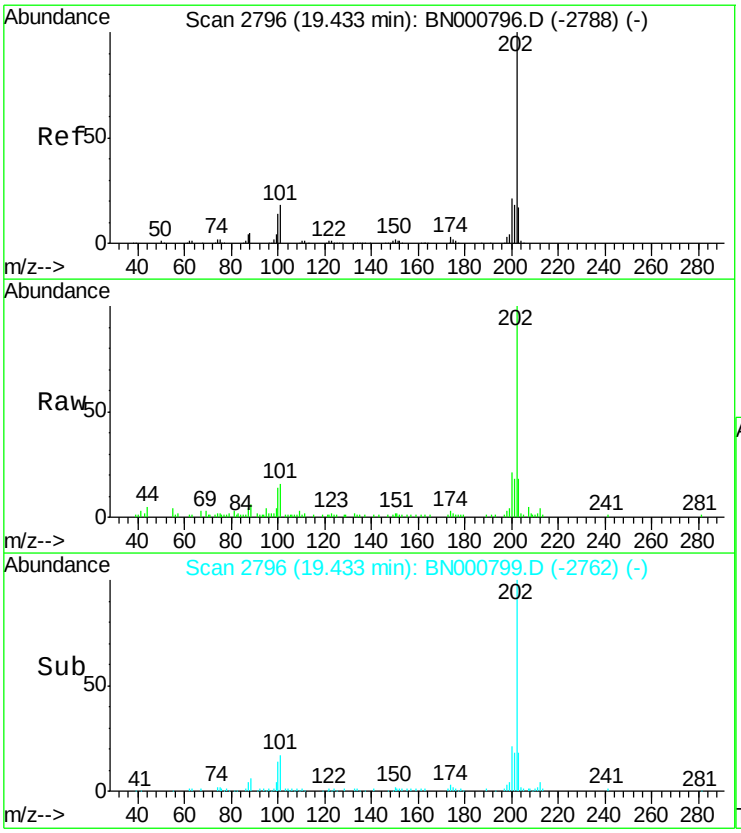
#17
Fluoranthene
Concen: 2.705 ng/ul
RT: 19.06 min Scan# 2733
Delta R.T. -0.01 min
Lab File: BN000799.D
Acq: 20 Apr 2018 17:18

Instrument :
BNA_N
ClientSampleId :
A3Y33

Tgt Ion:202 Resp: 81407

Ion	Ratio	Lower	Upper
202	100		
101	15.7	4.6	7.0#
100	11.3	3.4	5.2#

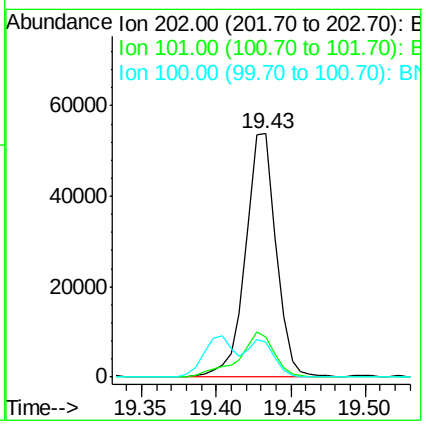


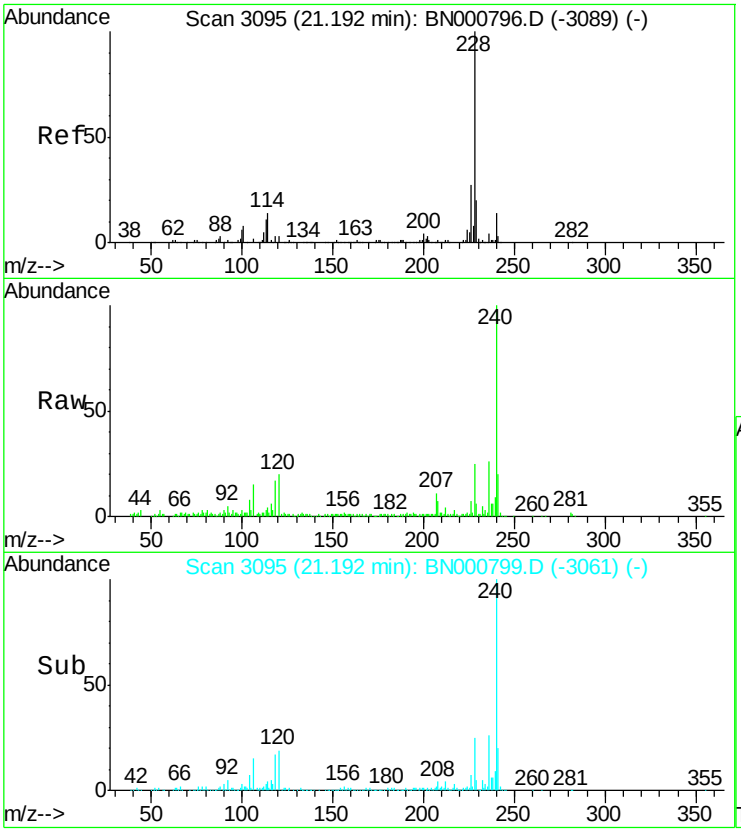


#20
Pyrene
Concen: 2.418 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. -0.00 min
Lab File: BN000799.D
Acq: 20 Apr 2018 17:18

Tgt Ion:202 Resp: 76224

Ion	Ratio	Lower	Upper
202	100		
101	16.5	5.1	7.7#
100	14.3	4.9	7.3#



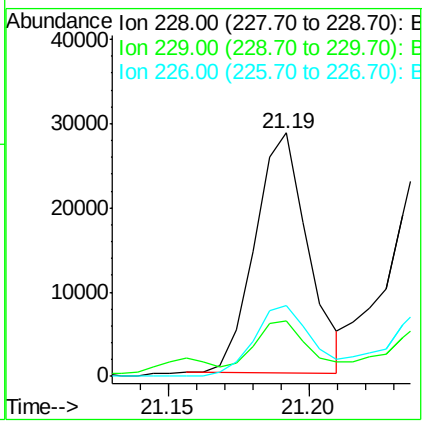


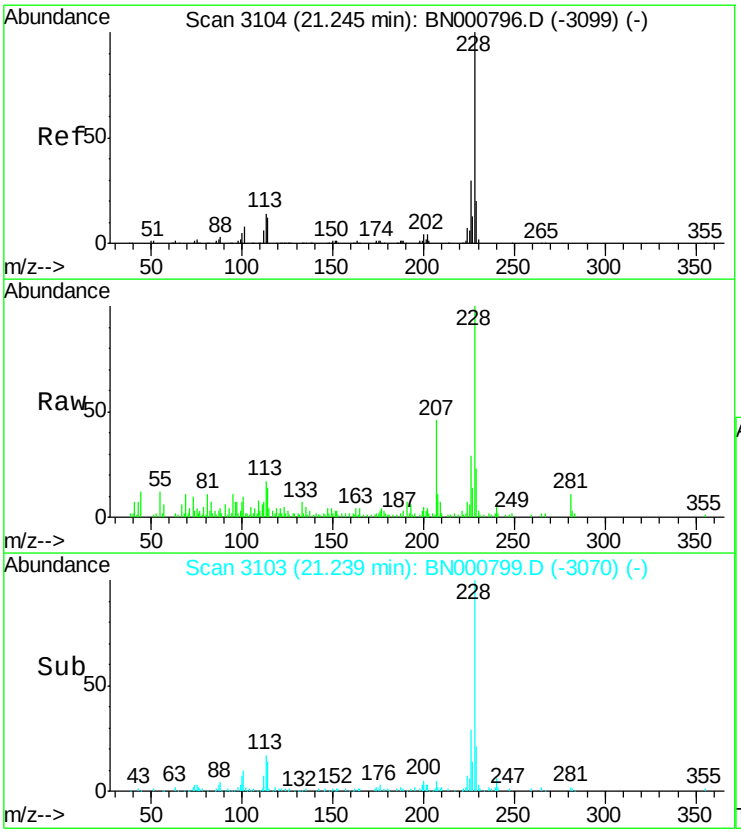
#21
Benzo(a)anthracene
Concen: 1.258 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. -0.00 min
Lab File: BN000799.D
Acq: 20 Apr 2018 17:18

Instrument :
BNA_N
ClientSampleId :
A3Y33

Tgt Ion:228 Resp: 37332

Ion	Ratio	Lower	Upper
228	100		
229	22.8	15.4	23.0
226	29.0	21.4	32.0

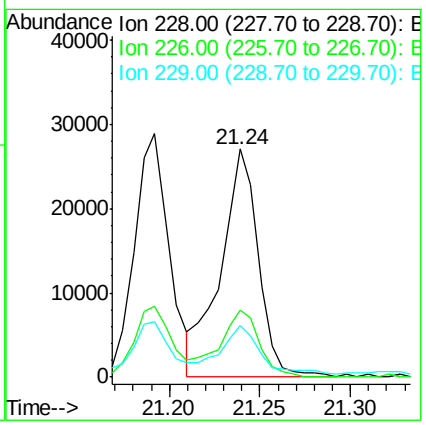


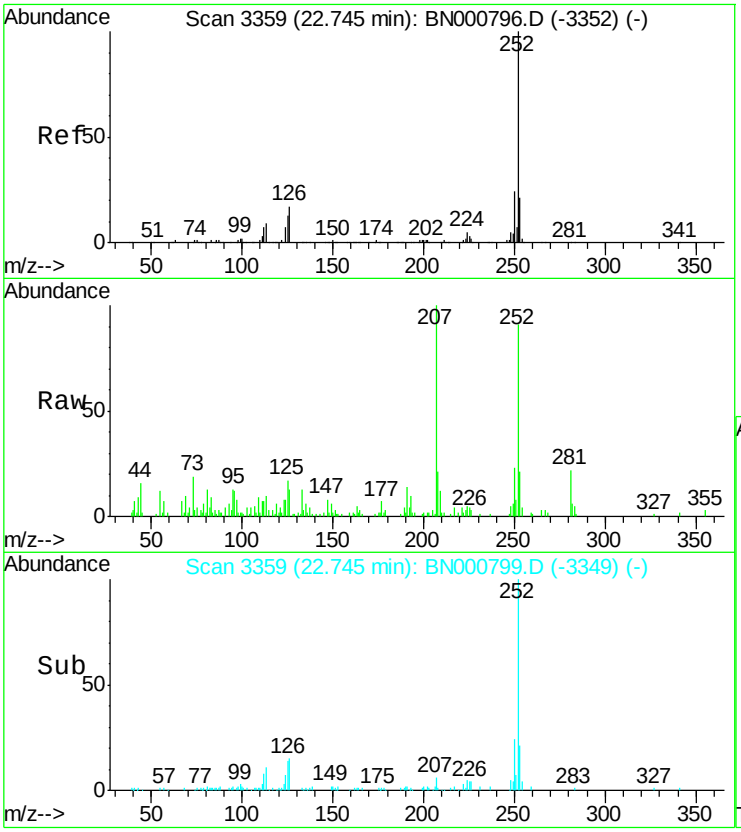


#22
Chrysene
Concen: 1.403 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BN000799.D
Acq: 20 Apr 2018 17:18

Tgt Ion:228 Resp: 39373

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.2
229	22.8	15.5	23.3



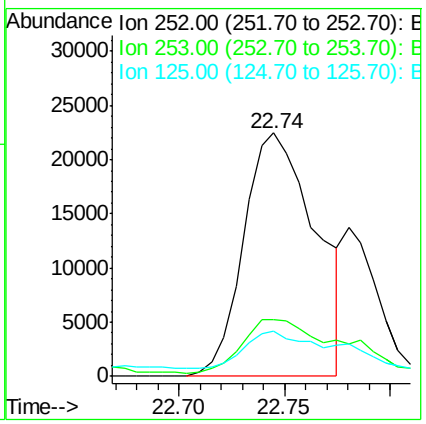


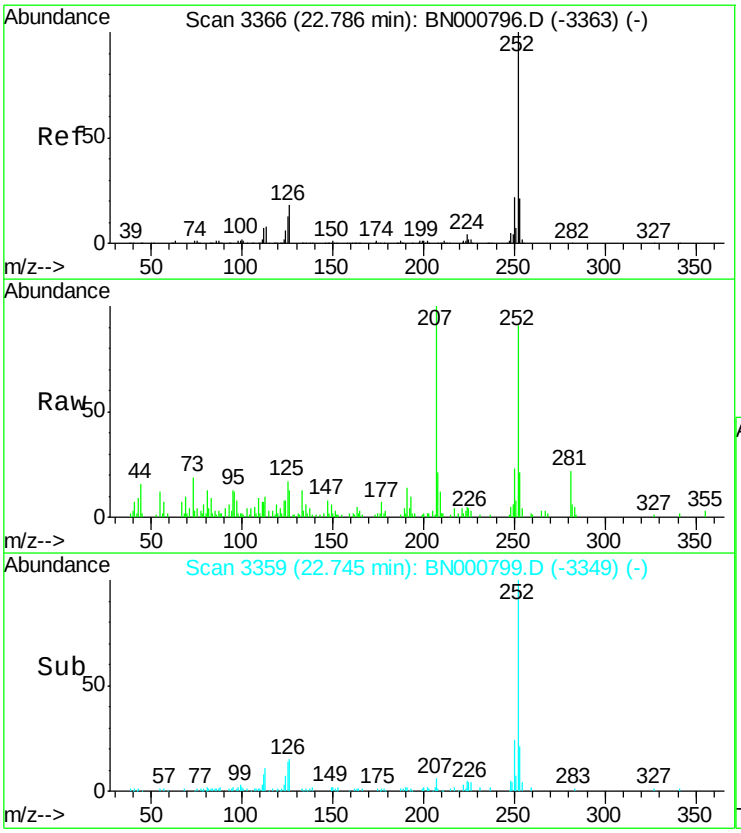
#24
Benzo(b)fluoranthene
Concen: 1.769 ng/ul
RT: 22.74 min Scan# 3359
Delta R.T. -0.00 min
Lab File: BN000799.D
Acq: 20 Apr 2018 17:18

Instrument :
BNA_N
ClientSampleId :
A3Y33

Tgt Ion:252 Resp: 53093

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	18.4	3.6	5.4#

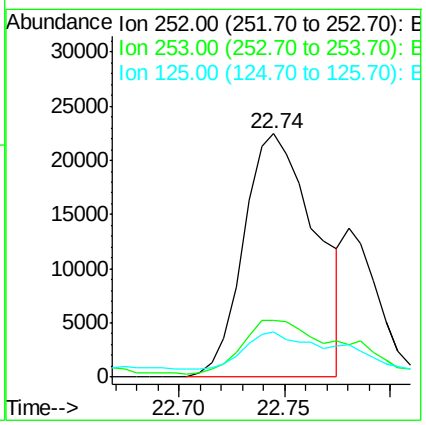


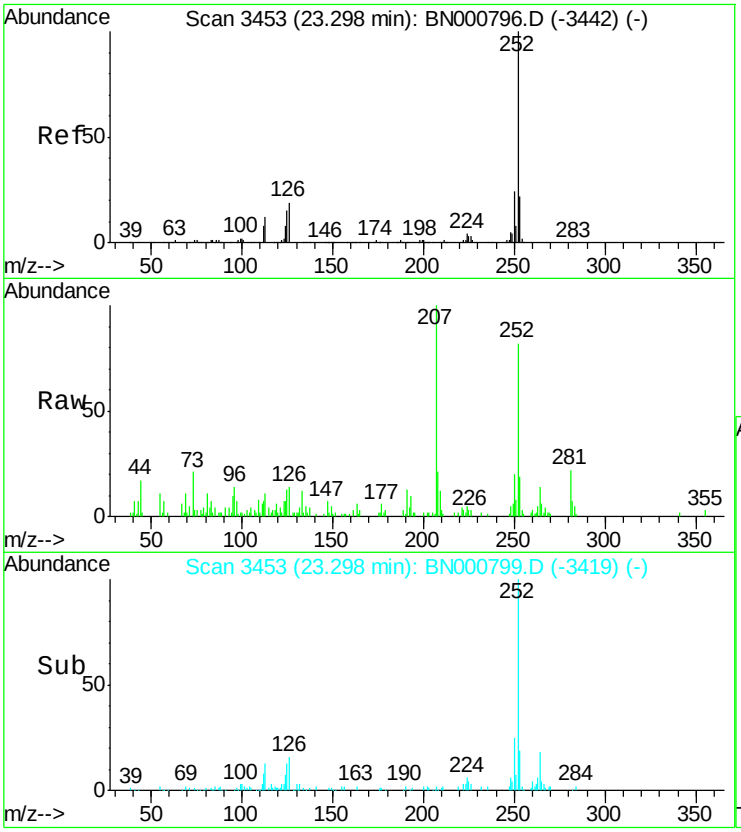


#25
Benzo(k)fluoranthene
Concen: 1.833 ng/ul
RT: 22.74 min Scan# 3359
Delta R.T. -0.04 min
Lab File: BN000799.D
Acq: 20 Apr 2018 17:18

Tgt Ion:252 Resp: 53093

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	18.4	3.4	5.2#





#27
Benzo(a)pyrene
Concen: 1.286 ng/ul
RT: 23.30 min Scan# 3453
Delta R.T. -0.00 min
Lab File: BN000799.D
Acq: 20 Apr 2018 17:18

Instrument :
BNA_N
ClientSampleId :
A3Y33

Tgt Ion:252 Resp: 36945

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.2
125	16.0	4.0	6.0#