Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050118\
Data File : BN001058.D
Acq On : 02 May 2018 07:32
Operator : JU/SJ
Sample : J2599-16
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: May 02 08:32:07 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 02 08:29:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	126627	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	526790	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	256840	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	514983	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	482564	20.00	ng/ul	0.00
22) Perylene-d12	23.42	264	516539	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	519354	21.05	ng/ul	0.00
10) Fluorene-d10	15.25	176	355492	21.59	ng/ul	0.00
14) Anthracene-d10	17.10	188	510814	21.69	ng/ul	0.00
18) Pyrene-d10	19.41	212	521465	21.09	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	563151	23.08	ng/ul	0.01
Target Compounds						Qvalue
13) Phenanthrene	17.05	178	148850	5.300	ng/ul	99
15) Anthracene	17.14	178	29604	1.051	ng/ul	97
16) Fluoranthene	19.07	202	402389	14.120	ng/ul	95
19) Pyrene	19.44	202	331437	10.693	ng/ul#	90
20) Benzo(a)anthracene	21.20	228	172511	5.980	ng/ul	98
21) Chrysene	21.25	228	177249	6.537	ng/ul	98
23) Benzo(b)fluoranthene	22.76	252	188528	6.422	ng/ul#	94
24) Benzo(k)fluoranthene	22.76	252	163649	5.697	ng/ul#	94
26) Benzo(a)pyrene	23.32	252	117165	4.176	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.59	276	74960	2.212	ng/ul#	88
29) Benzo(g,h,i)perylene	26.26	276	68187	2.406	ng/ul#	91

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

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Misc :
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ClientSampleId :

Quant Time: May 02 08:32:07 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
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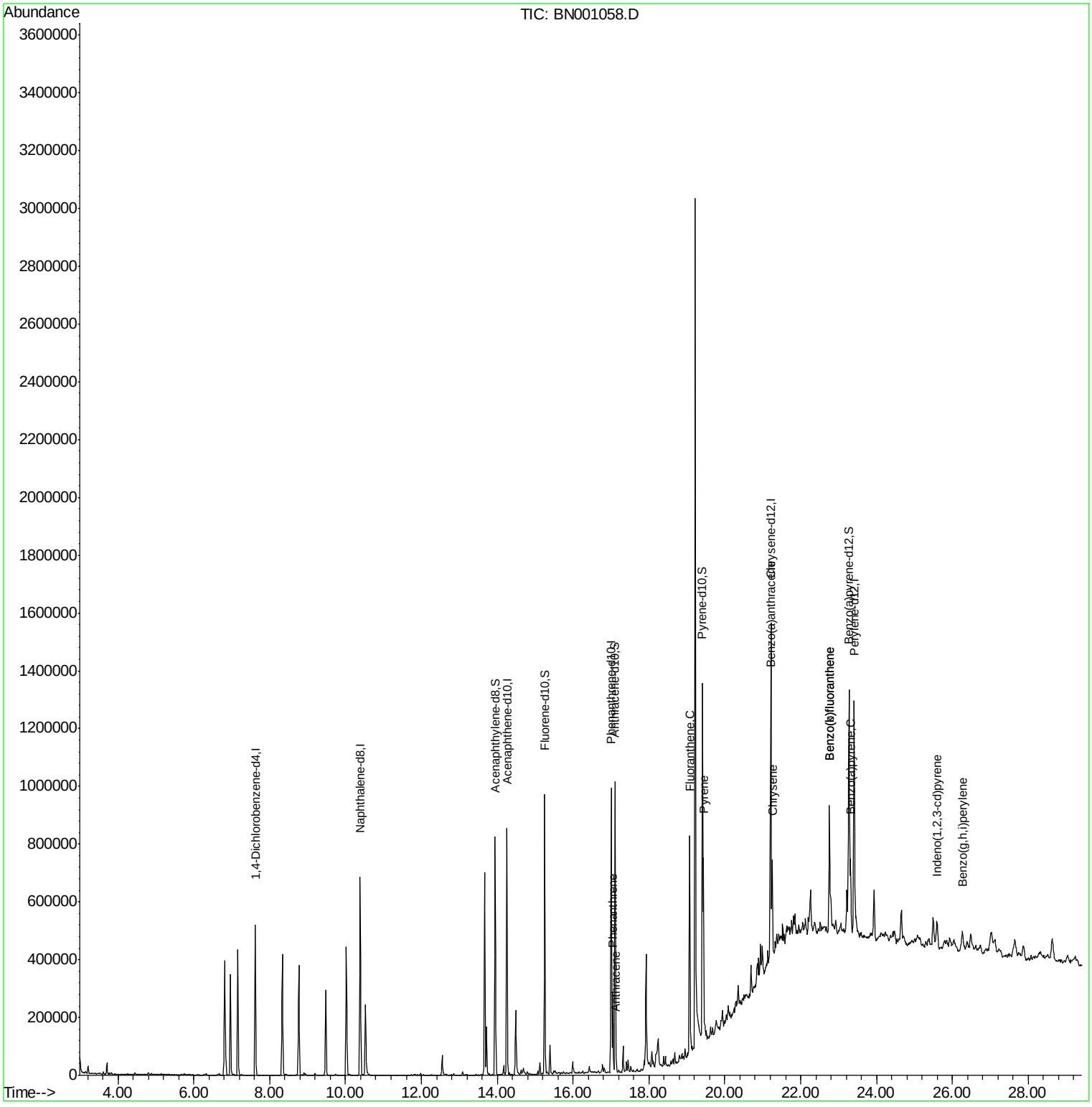
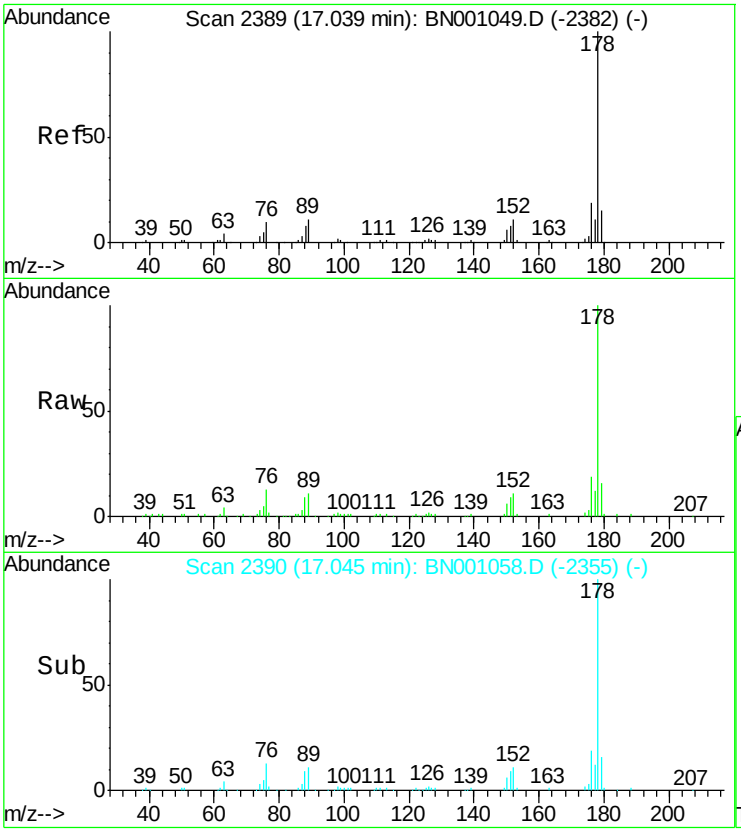
Response via : Initial Calibration



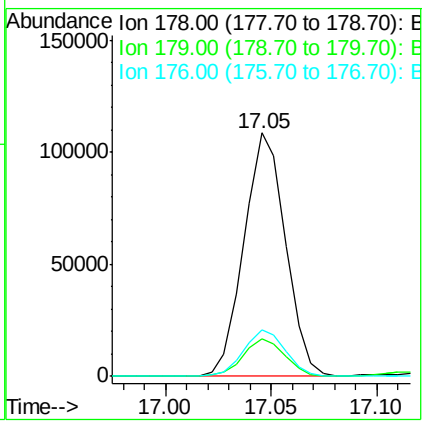


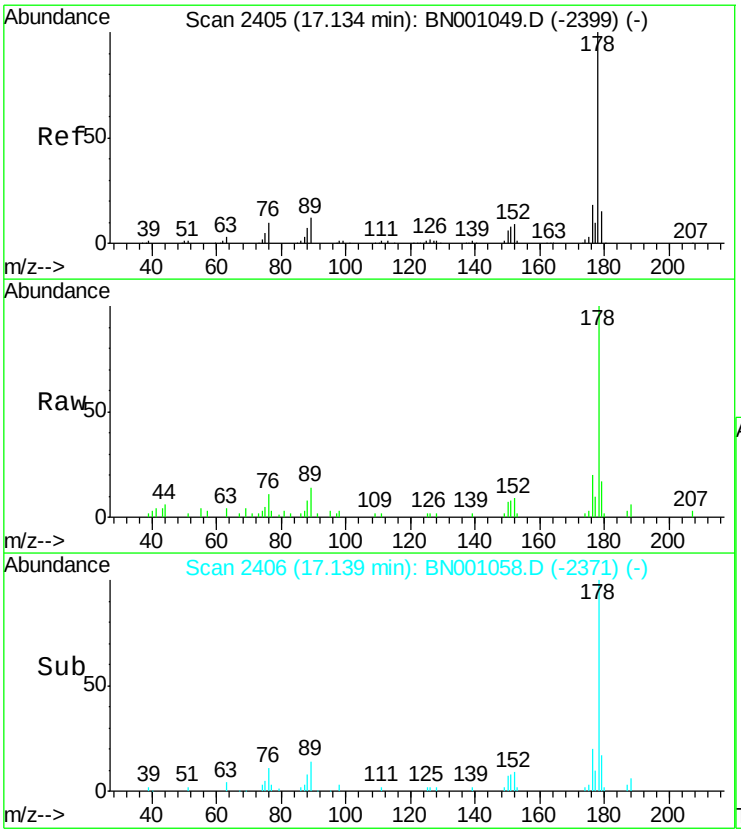
#13
Phenanthrene
Concen: 5.300 ng/ul
RT: 17.05 min Scan# 2390
Delta R.T. 0.01 min
Lab File: BN001058.D
Acq: 02 May 2018 07:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 148850

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	19.2	15.1	22.7

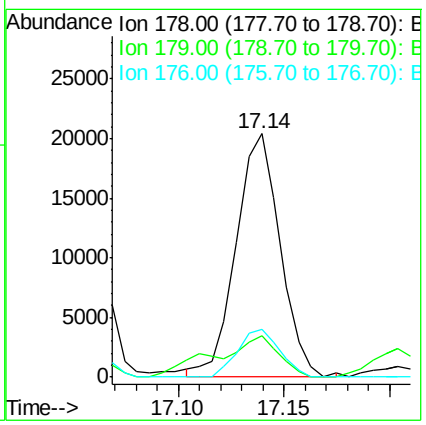


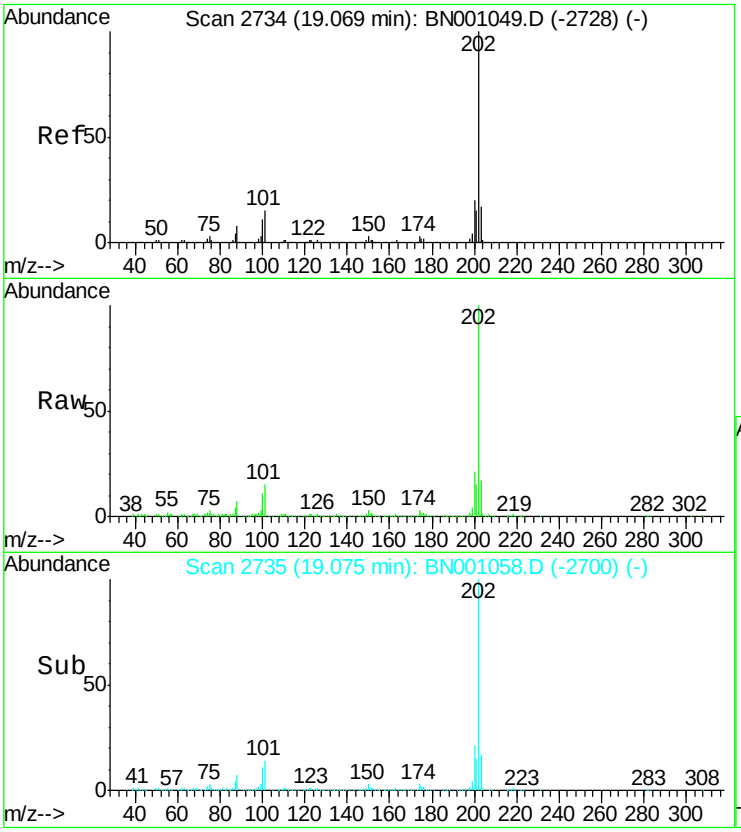


#15
Anthracene
Concen: 1.051 ng/ul
RT: 17.14 min Scan# 2406
Delta R.T. 0.01 min
Lab File: BN001058.D
Acq: 02 May 2018 07:32

Tgt Ion:178 Resp: 29604

Ion	Ratio	Lower	Upper
178	100		
179	17.0	11.8	17.8
176	19.8	15.2	22.8



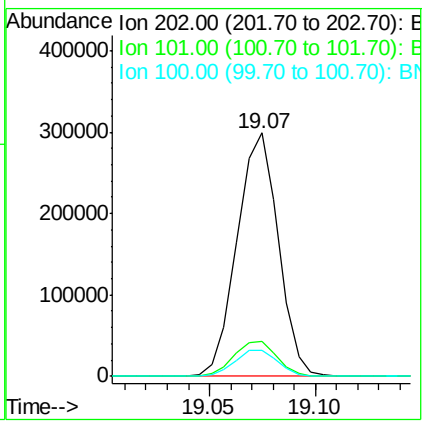


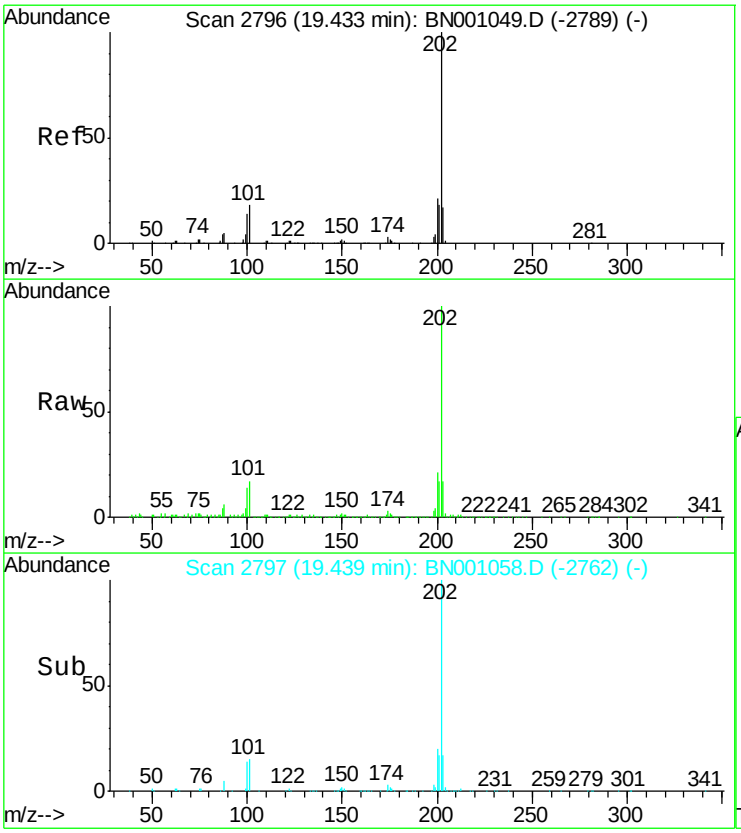
#16
Fluoranthene
Concen: 14.120 ng/ul
RT: 19.07 min Scan# 2735
Delta R.T. 0.01 min
Lab File: BN001058.D
Acq: 02 May 2018 07:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 402389

Ion	Ratio	Lower	Upper
202	100		
101	14.5	9.9	14.9
100	10.7	7.4	11.0

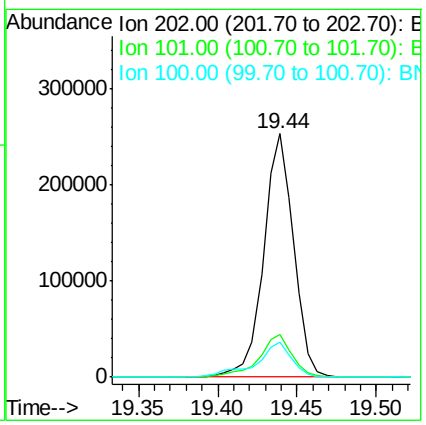


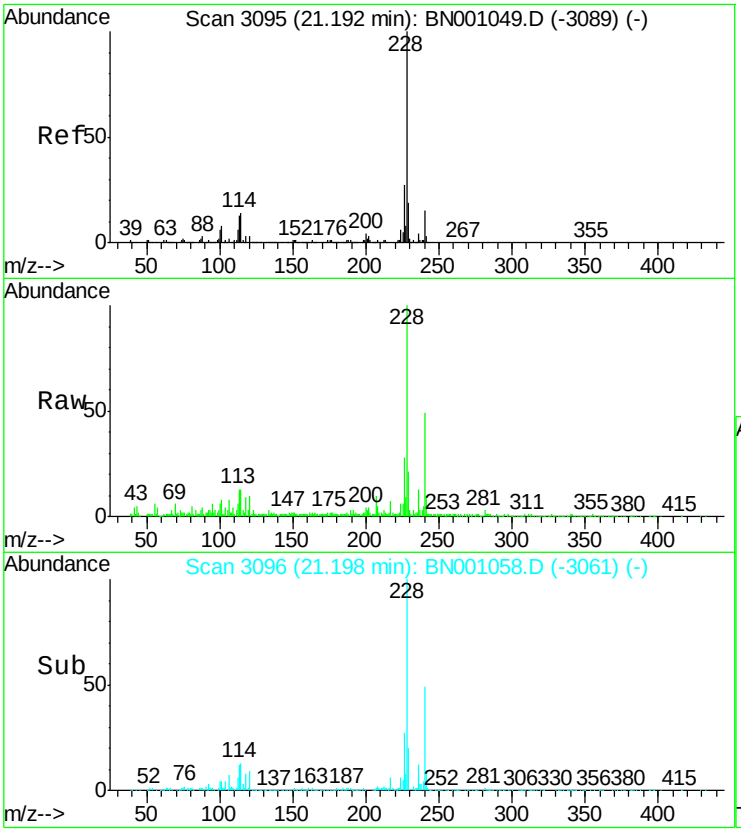


#19
Pyrene
Concen: 10.693 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. 0.01 min
Lab File: BN001058.D
Acq: 02 May 2018 07:32

Tgt Ion:202 Resp: 331437

Ion	Ratio	Lower	Upper
202	100		
101	17.3	11.0	16.4#
100	14.3	8.1	12.1#



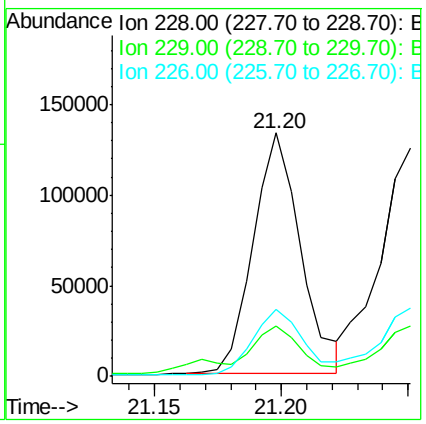


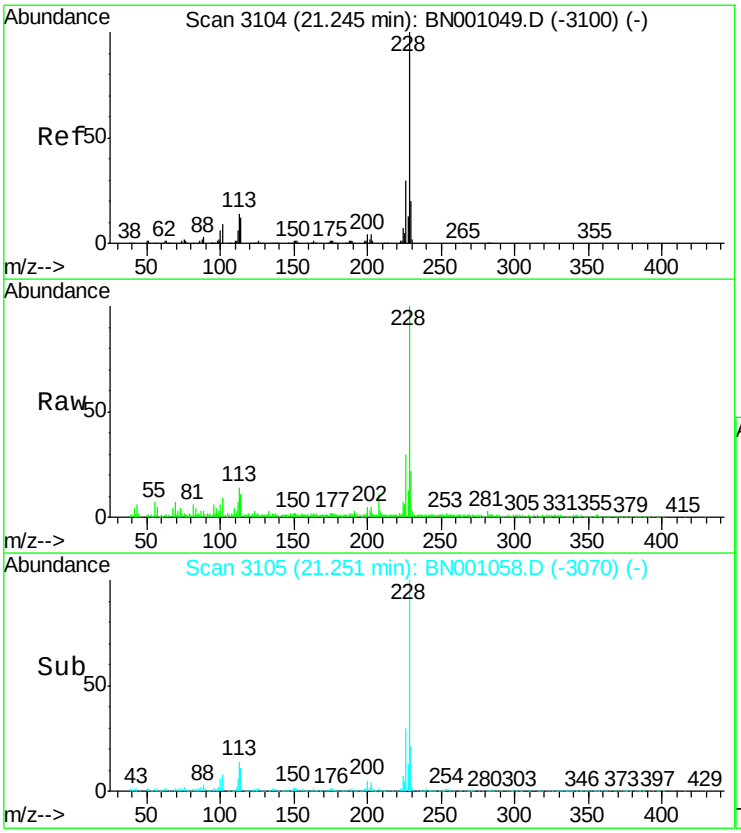
#20
Benzo(a)anthracene
Concen: 5.980 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BN001058.D
Acq: 02 May 2018 07:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 172511

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.7	23.5
226	27.6	21.1	31.7

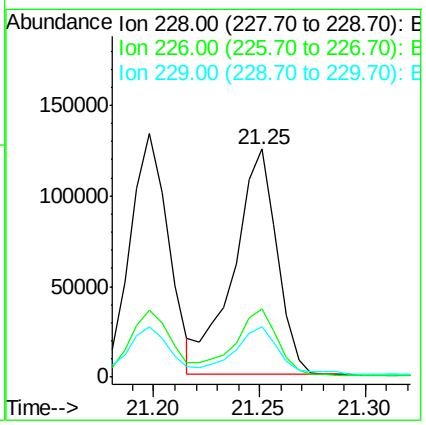


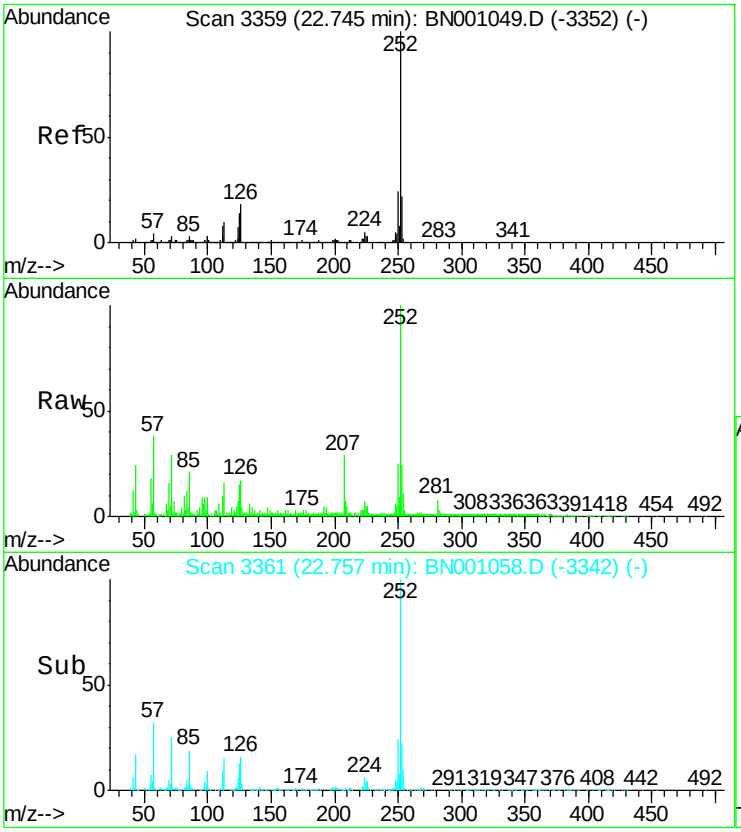


#21
Chrysene
Concen: 6.537 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. 0.01 min
Lab File: BN001058.D
Acq: 02 May 2018 07:32

Tgt Ion:228 Resp: 177249

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.5	36.7
229	22.1	15.8	23.8



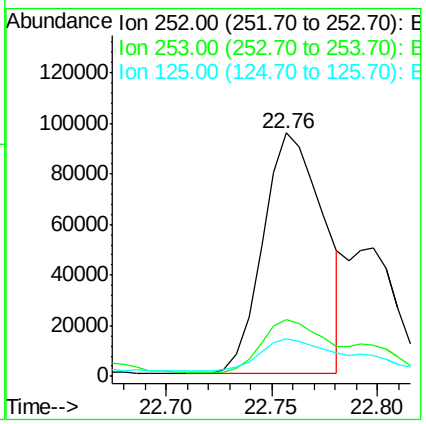


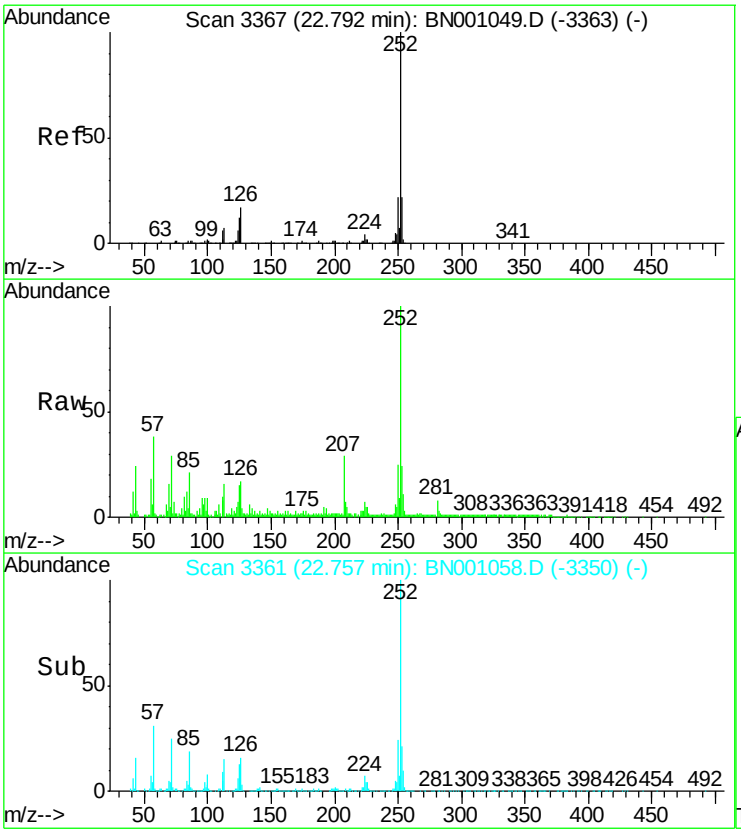
#23
Benzo(b)fluoranthene
Concen: 6.422 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. 0.01 min
Lab File: BN001058.D
Acq: 02 May 2018 07:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 188528

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	15.4	8.0	12.0#

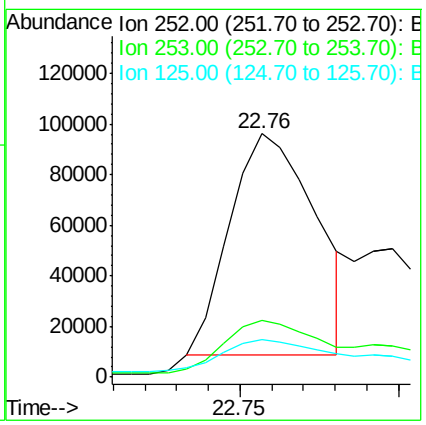


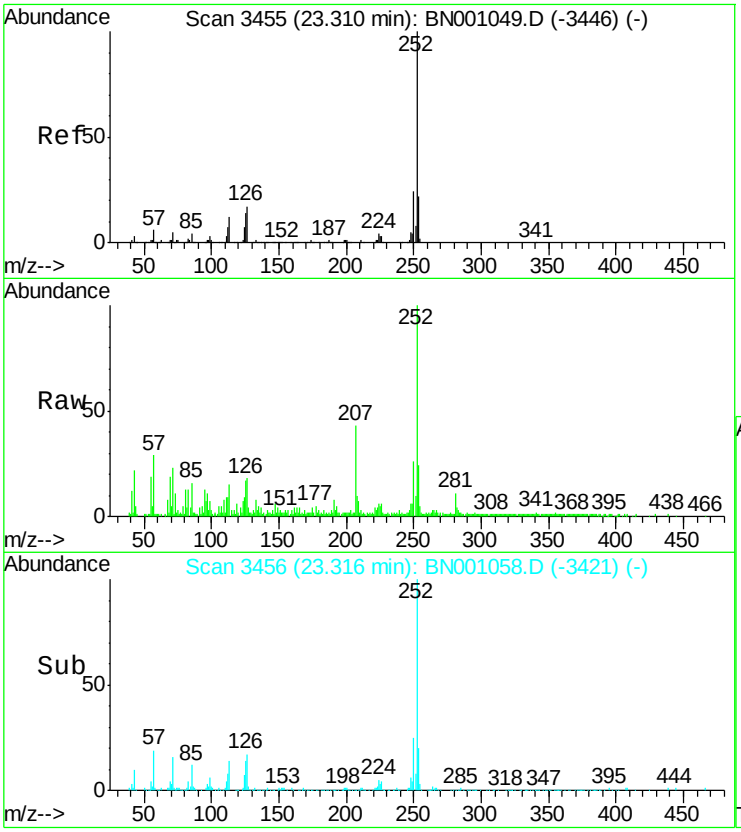


#24
Benzo(k)fluoranthene
Concen: 5.697 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. -0.04 min
Lab File: BN001058.D
Acq: 02 May 2018 07:32

Tgt Ion:252 Resp: 163649

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	15.4	8.1	12.1#



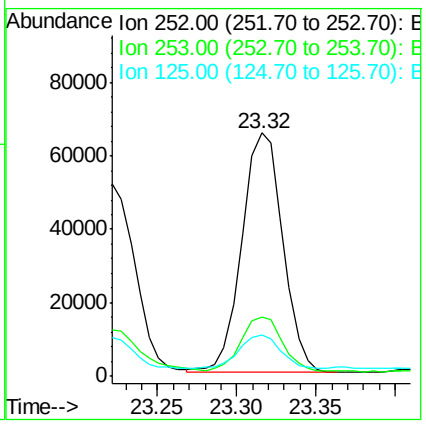


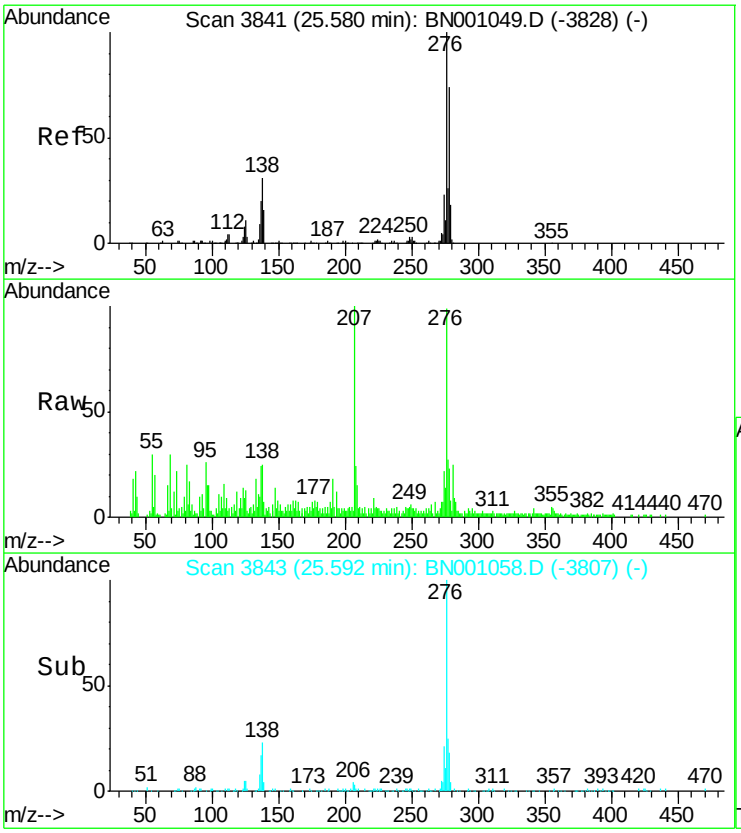
#26
Benzo(a)pyrene
Concen: 4.176 ng/ul
RT: 23.32 min Scan# 3456
Delta R.T. 0.01 min
Lab File: BN001058.D
Acq: 02 May 2018 07:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 117165

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.2	25.8
125	17.1	8.2	12.4#

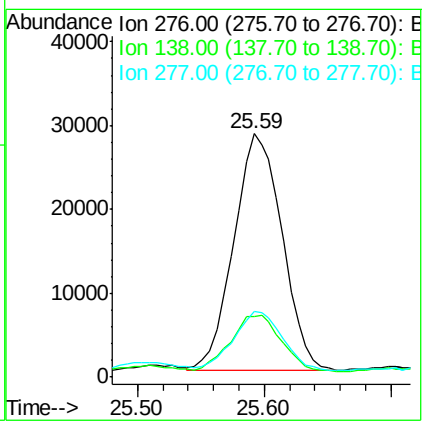


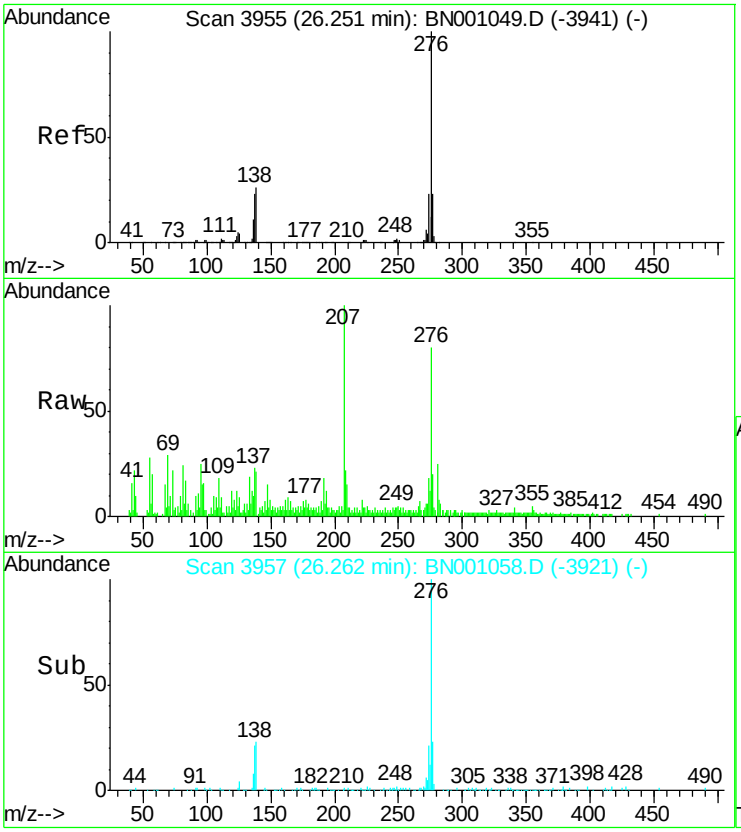


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.212 ng/ul
RT: 25.59 min Scan# 3843
Delta R.T. 0.01 min
Lab File: BN001058.D
Acq: 02 May 2018 07:32

Tgt Ion:276 Resp: 74960

Ion	Ratio	Lower	Upper
276	100		
138	24.9	14.4	21.6#
277	27.2	18.0	27.0#





#29
Benzo(g,h,i)perylene
Concen: 2.406 ng/ul
RT: 26.26 min Scan# 3957
Delta R.T. 0.01 min
Lab File: BN001058.D
Acq: 02 May 2018 07:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 68187

Ion	Ratio	Lower	Upper
276	100		
138	26.5	15.3	22.9#
277	25.4	19.0	28.4