Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092118\
Data File : BN002788.D
Acq On : 20 Sep 2018 14:24
Operator : JU/SJ
Sample : J4900-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Z93

Quant Time: Sep 21 03:51:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 21 03:03:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	1451	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	6380	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	3397	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	6662	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	5678	0.40	ng/ul	0.00
20) Perylene-d12	23.48	264	5624	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.07	152	3030	0.33	ng/ul	0.03
14) Fluoranthene-d10	19.09	212	5439	0.32	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.49	128	13510	0.842	ng/ul	96
7) Acenaphthylene	14.01	152	10775	0.751	ng/ul	96
8) Acenaphthene	14.36	153	8502	0.726	ng/ul	97
9) Fluorene	15.37	166	10712	0.857	ng/ul#	93
11) Pentachlorophenol	16.74	266	1006	1.340	ng/ul	99
12) Phenanthrene	17.09	178	12678	0.689	ng/ul#	89
13) Anthracene	17.20	178	6989	0.438	ng/ul#	93
17) Pyrene	19.48	202	28619	1.546	ng/ul	97
18) Benzo(a)anthracene	21.23	228	10955	0.698	ng/ul#	86
19) Chrysene	21.28	228	18536	1.013	ng/ul	97
22) Benzo(k)fluoranthene	22.86	252	8653	0.443	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.68	276	13930	0.649	ng/ul#	78
26) Benzo(g,h,i)perylene	26.36	276	15424	0.833	ng/ul	97

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

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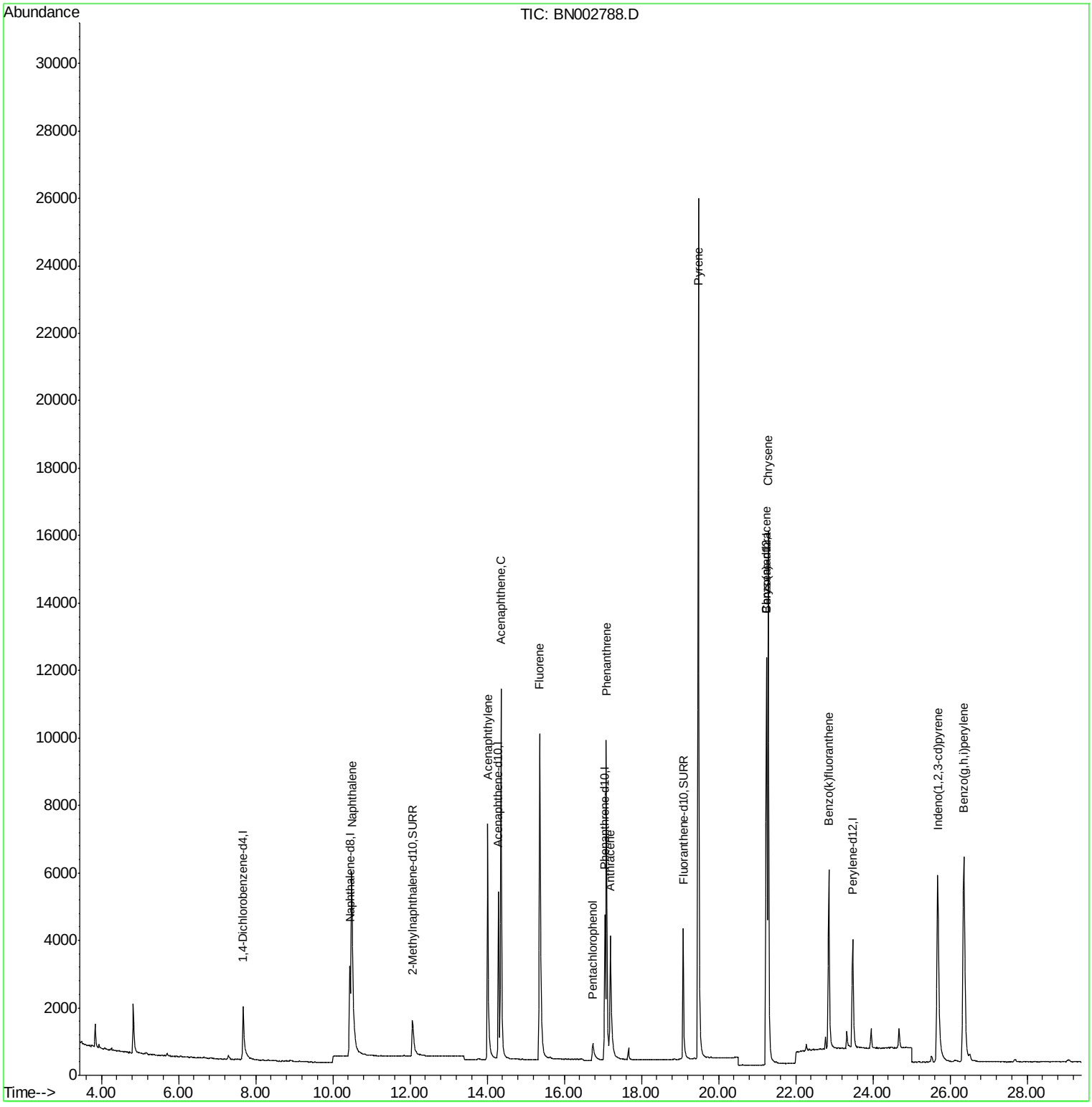
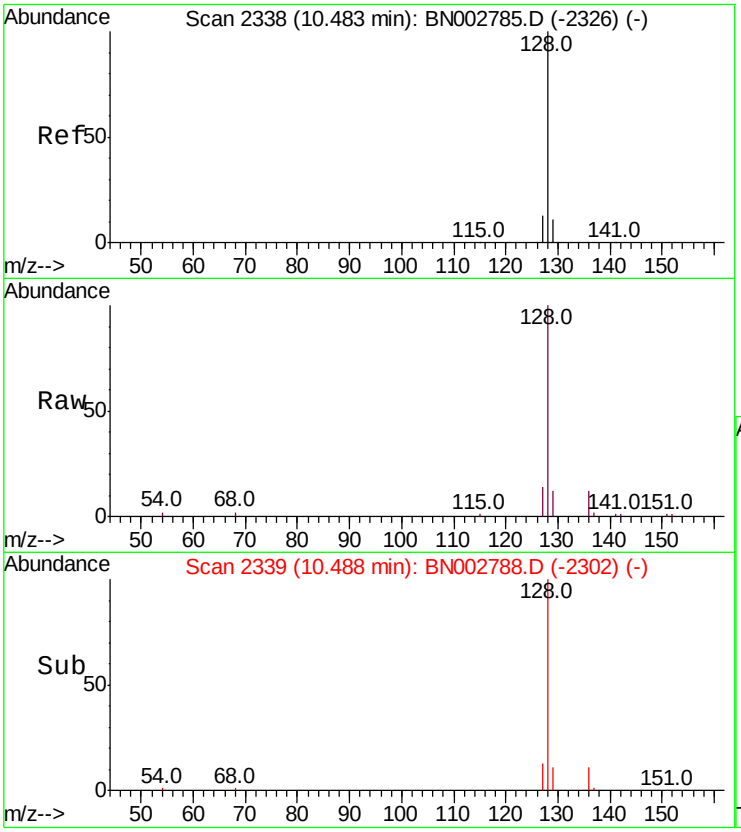


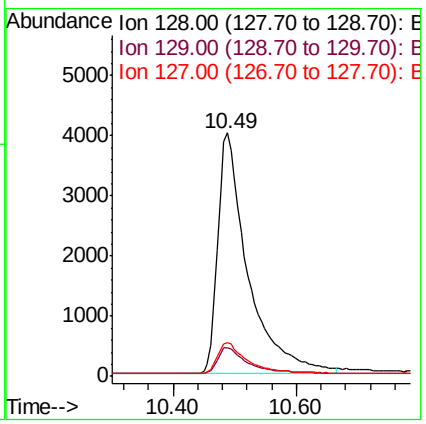


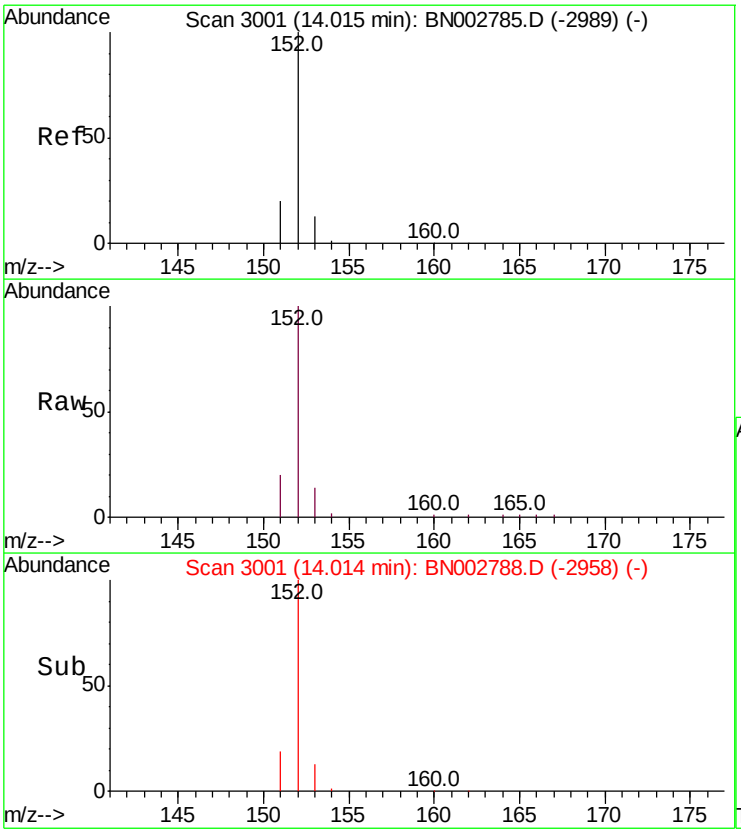
#3
Naphthalene
Concen: 0.842 ng/ul
RT: 10.49 min Scan# 2339
Delta R.T. 0.01 min
Lab File: BN002788.D
Acq: 20 Sep 2018 14:24

Instrument :
BNA_N
ClientSampleId :
A3Z93

Tgt Ion:128 Resp: 13510

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.0	12.0
127	13.7	12.0	18.0

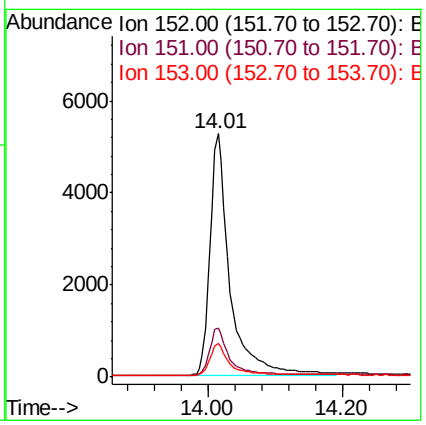


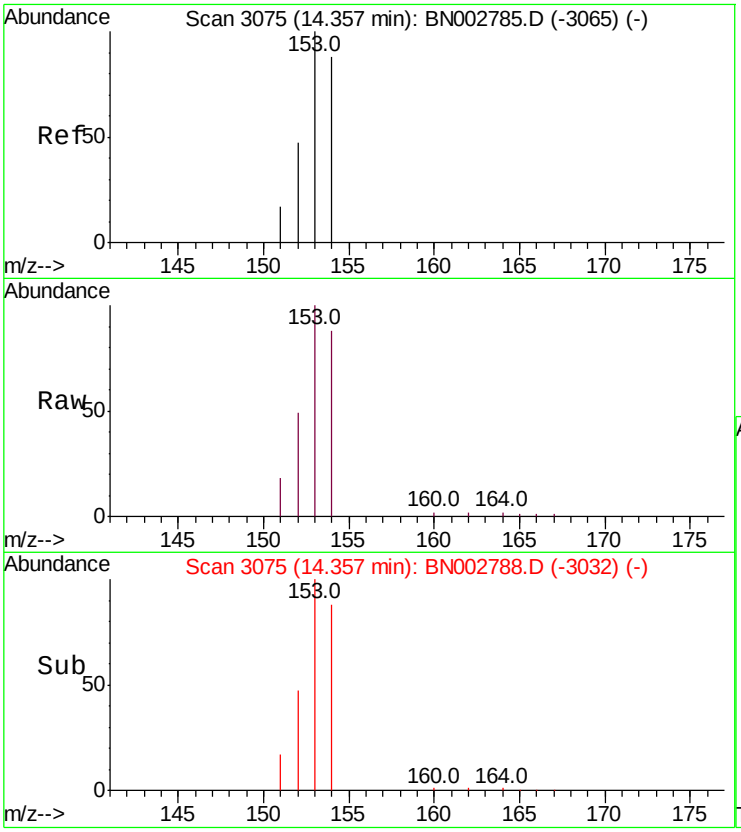


#7
Acenaphthylene
Concen: 0.751 ng/ul
RT: 14.01 min Scan# 3001
Delta R.T. -0.00 min
Lab File: BN002788.D
Acq: 20 Sep 2018 14:24

Tgt Ion:152 Resp: 10775

Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.1	25.7
153	13.7	12.8	19.2



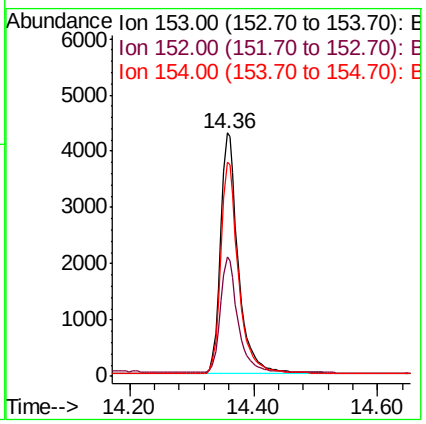


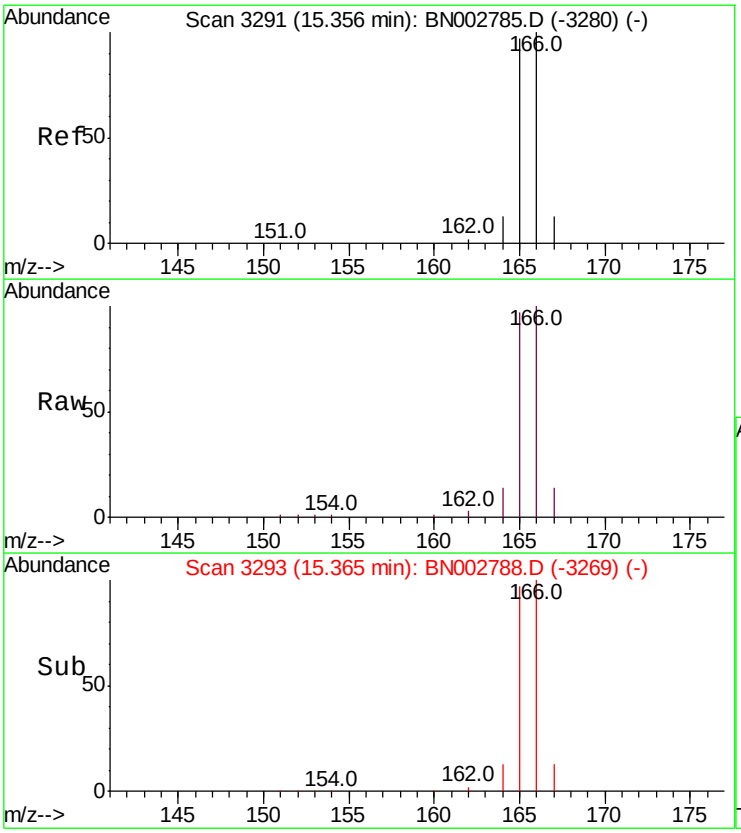
#8
Acenaphthene
Concen: 0.726 ng/ul
RT: 14.36 min Scan# 3075
Delta R.T. -0.00 min
Lab File: BN002788.D
Acq: 20 Sep 2018 14:24

Instrument :
BNA_N
ClientSampleId :
A3Z93

Tgt Ion:153 Resp: 8502

Ion	Ratio	Lower	Upper
153	100		
152	49.1	36.0	54.0
154	88.2	72.0	108.0

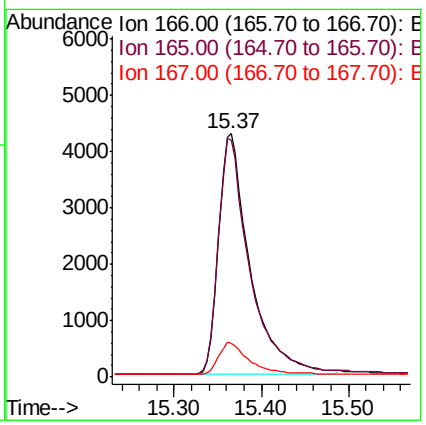


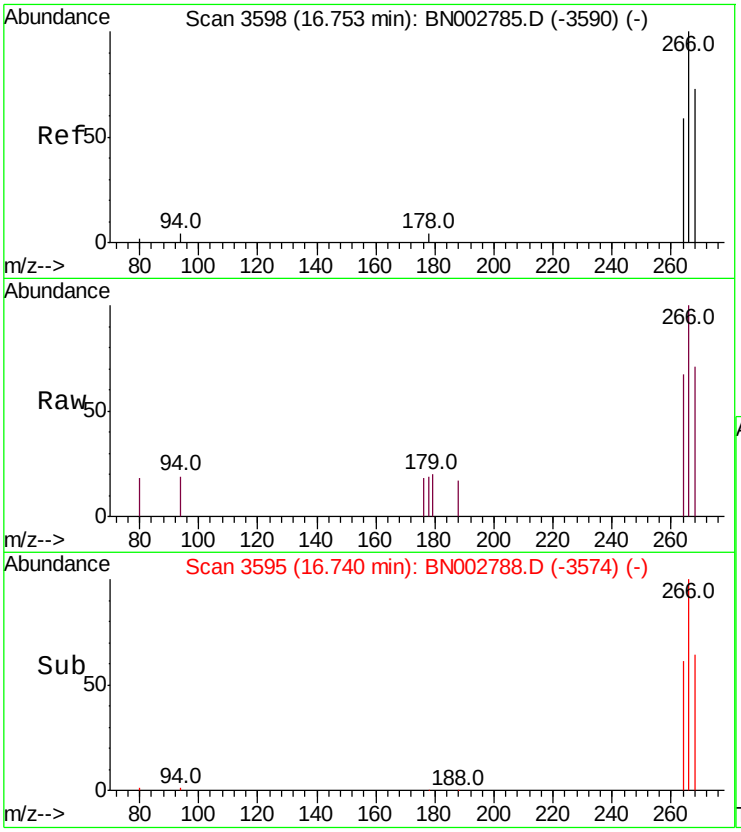


#9
Fluorene
Concen: 0.857 ng/ul
RT: 15.37 min Scan# 3293
Delta R.T. 0.01 min
Lab File: BN002788.D
Acq: 20 Sep 2018 14:24

Tgt Ion:166 Resp: 10712

Ion	Ratio	Lower	Upper
166	100		
165	97.5	73.4	110.2
167	13.9	14.6	22.0#



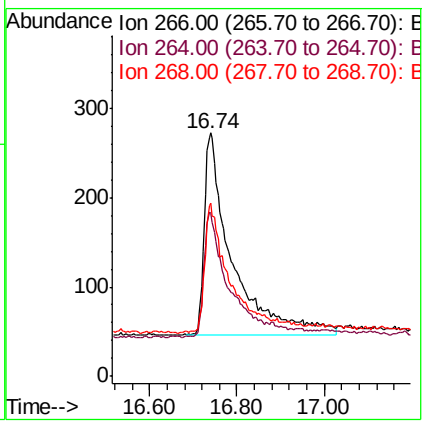


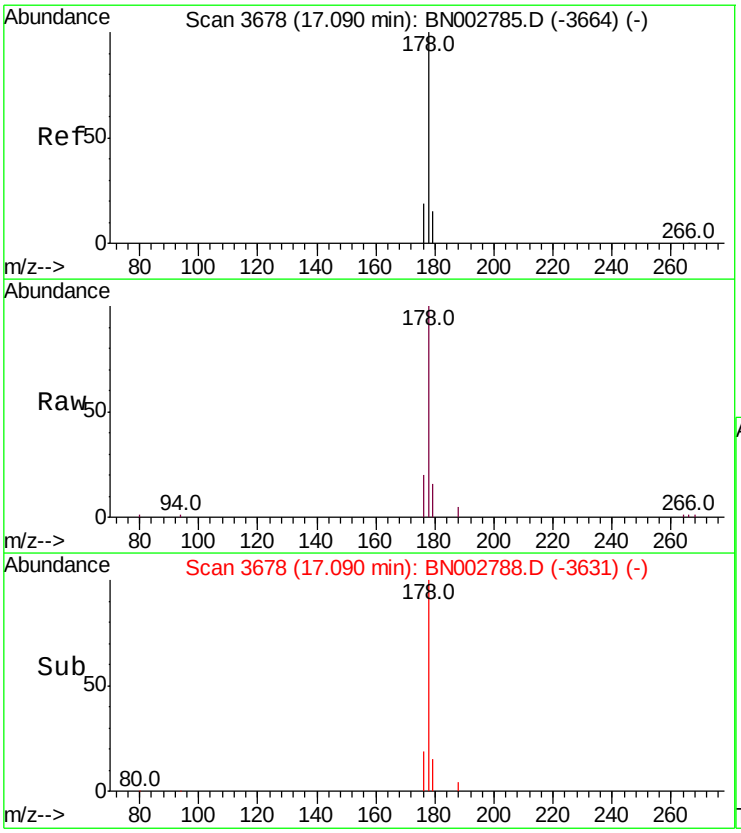
#11
Pentachlorophenol
Concen: 1.340 ng/ul
RT: 16.74 min Scan# 3595
Delta R.T. -0.01 min
Lab File: BN002788.D
Acq: 20 Sep 2018 14:24

Instrument :
BNA_N
ClientSampleId :
A3Z93

Tgt Ion:266 Resp: 1006

Ion	Ratio	Lower	Upper
266	100		
264	59.8	47.9	71.9
268	64.0	49.8	74.8

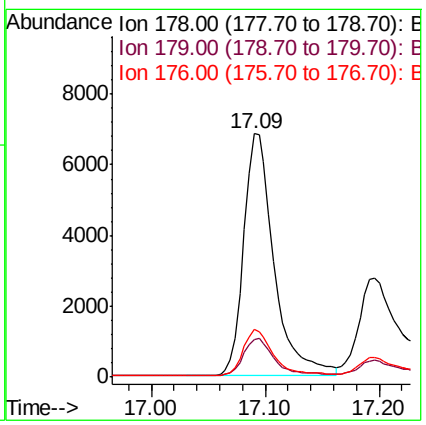


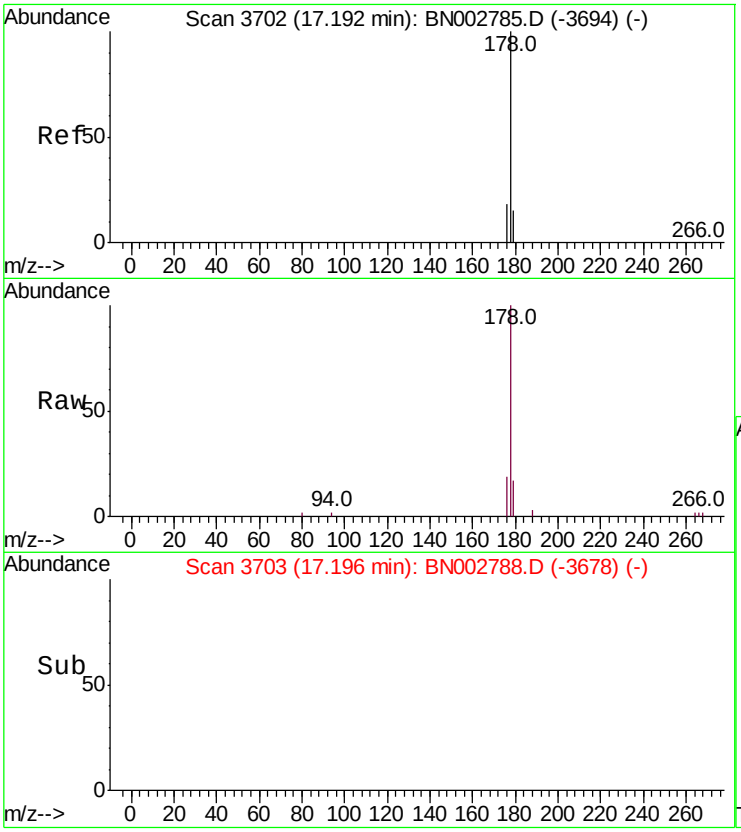


#12
Phenanthrene
Concen: 0.689 ng/ul
RT: 17.09 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BN002788.D
Acq: 20 Sep 2018 14:24

Tgt Ion:178 Resp: 12678

Ion	Ratio	Lower	Upper
178	100		
179	15.7	18.4	27.6#
176	19.6	13.6	20.4



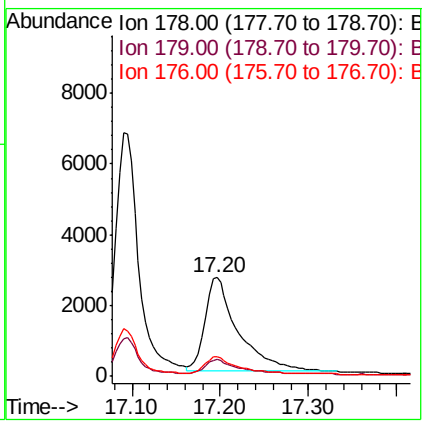


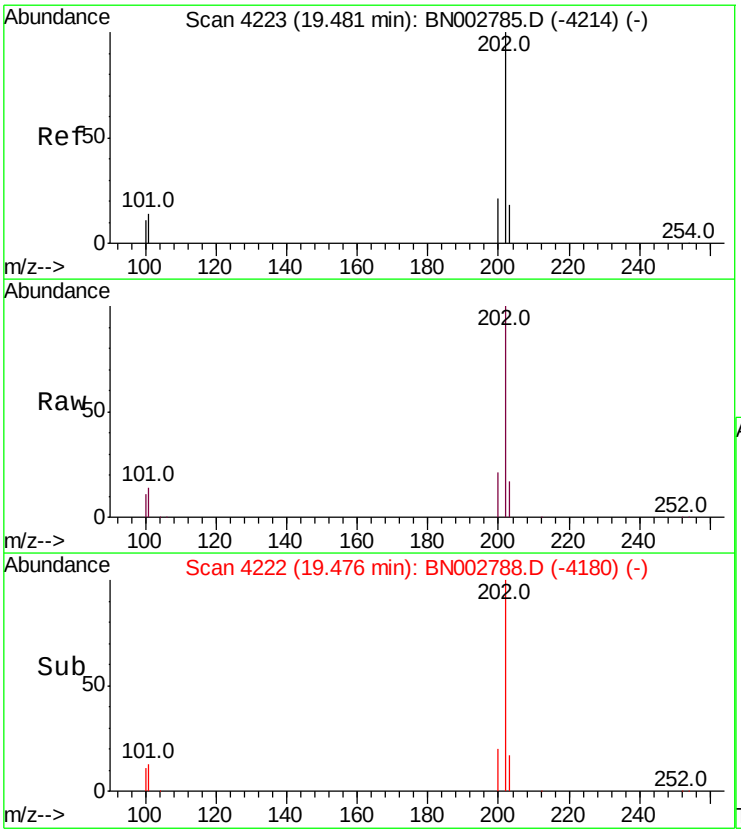
#13
Anthracene
Concen: 0.438 ng/ul
RT: 17.20 min Scan# 3703
Delta R.T. 0.00 min
Lab File: BN002788.D
Acq: 20 Sep 2018 14:24

Instrument :
BNA_N
ClientSampleId :
A3Z93

Tgt Ion:178 Resp: 6989

Ion	Ratio	Lower	Upper
178	100		
179	17.2	18.1	27.1#
176	19.5	14.7	22.1

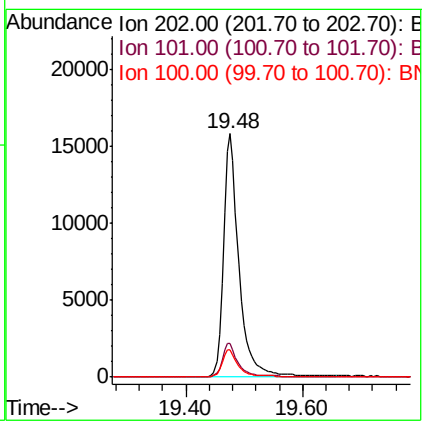


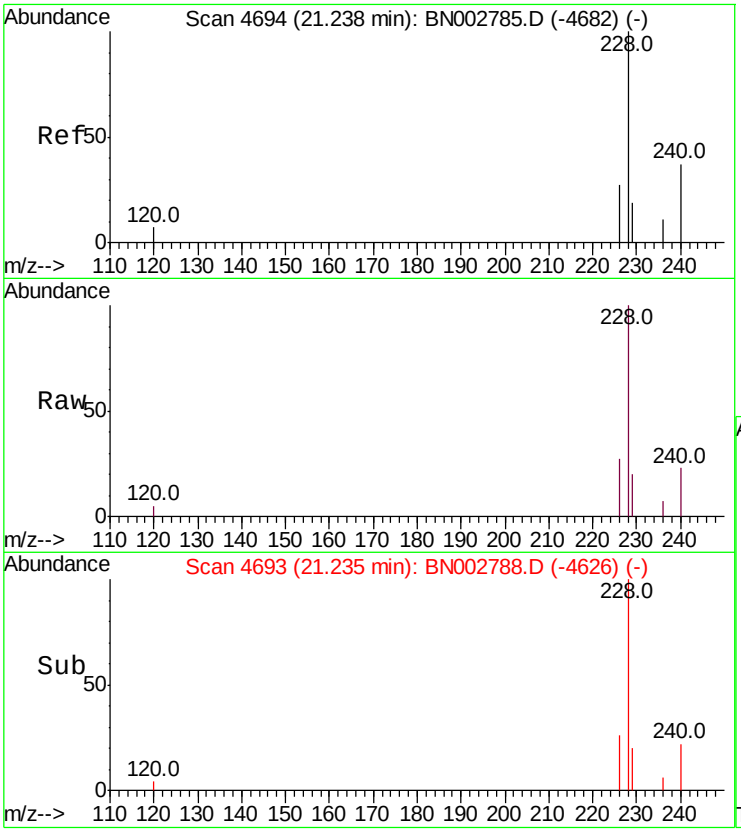


#17
Pyrene
Concen: 1.546 ng/ul
RT: 19.48 min Scan# 4222
Delta R.T. -0.00 min
Lab File: BN002788.D
Acq: 20 Sep 2018 14:24

Tgt Ion:202 Resp: 28619

Ion	Ratio	Lower	Upper
202	100		
101	13.7	12.0	18.0
100	11.1	8.0	12.0



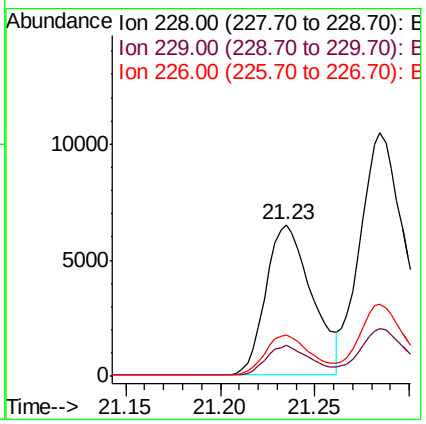


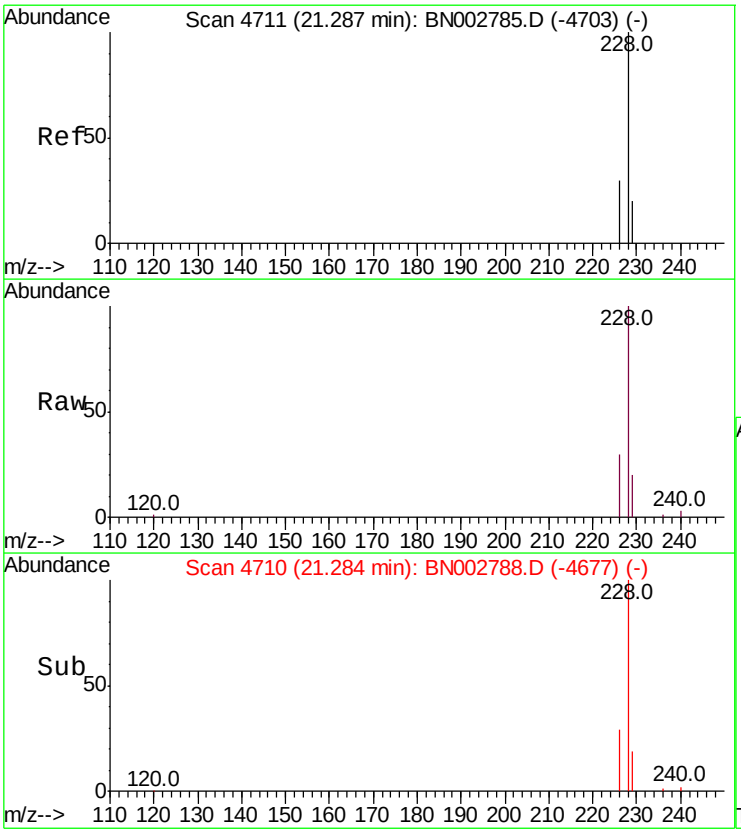
#18
Benzo(a)anthracene
Concen: 0.698 ng/ul
RT: 21.23 min Scan# 4693
Delta R.T. -0.00 min
Lab File: BN002788.D
Acq: 20 Sep 2018 14:24

Instrument :
BNA_N
ClientSampleId :
A3Z93

Tgt Ion:228 Resp: 10955

Ion	Ratio	Lower	Upper
228	100		
229	20.2	22.8	34.2#
226	27.0	17.0	25.6#

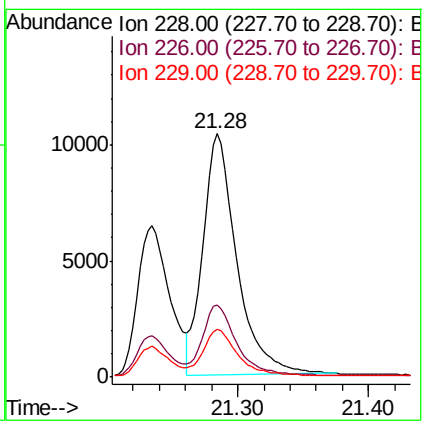


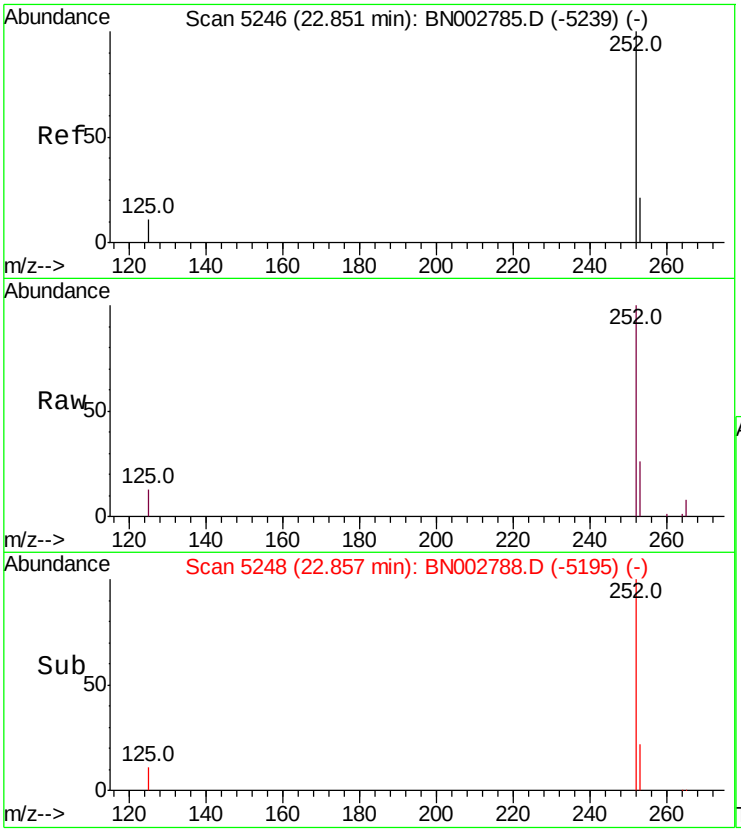


#19
Chrysene
Concen: 1.013 ng/ul
RT: 21.28 min Scan# 4710
Delta R.T. -0.00 min
Lab File: BN002788.D
Acq: 20 Sep 2018 14:24

Tgt Ion:228 Resp: 18536

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.0
229	19.7	17.7	26.5



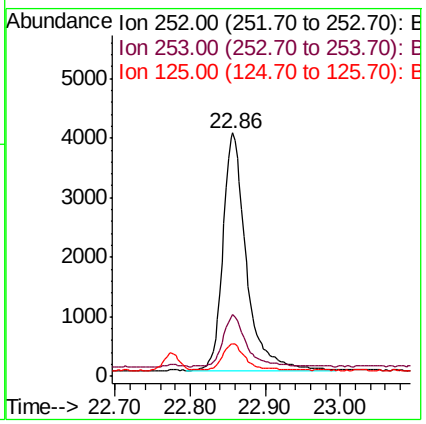


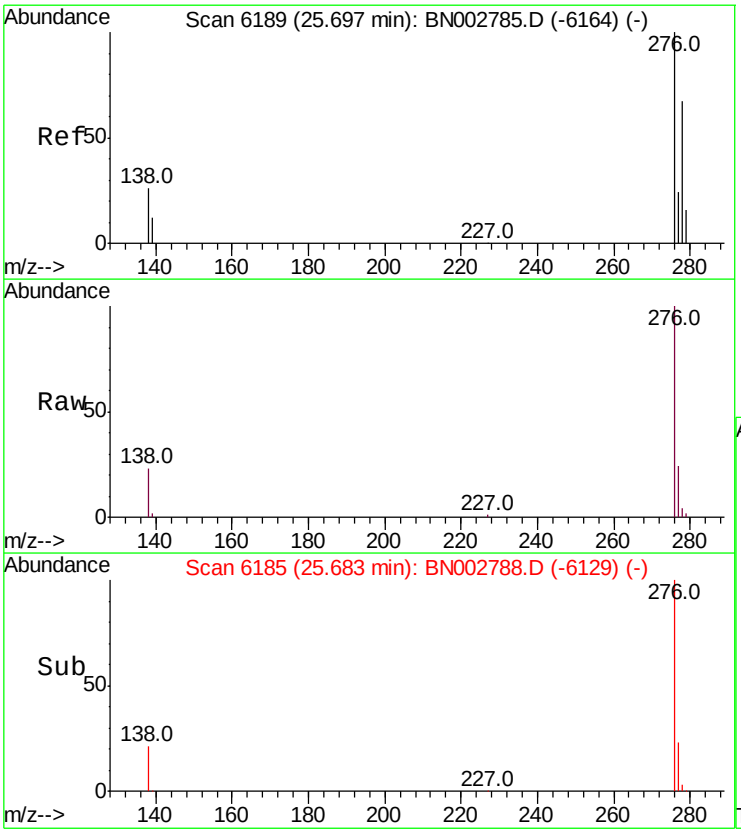
#22
Benzo(k)fluoranthene
Concen: 0.443 ng/ul
RT: 22.86 min Scan# 5248
Delta R.T. 0.01 min
Lab File: BN002788.D
Acq: 20 Sep 2018 14:24

Instrument :
BNA_N
ClientSampleId :
A3Z93

Tgt Ion:252 Resp: 8653

Ion	Ratio	Lower	Upper
252	100		
253	25.5	24.5	36.7
125	13.1	13.7	20.5#

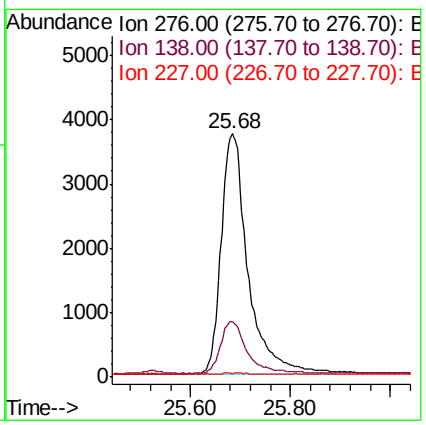


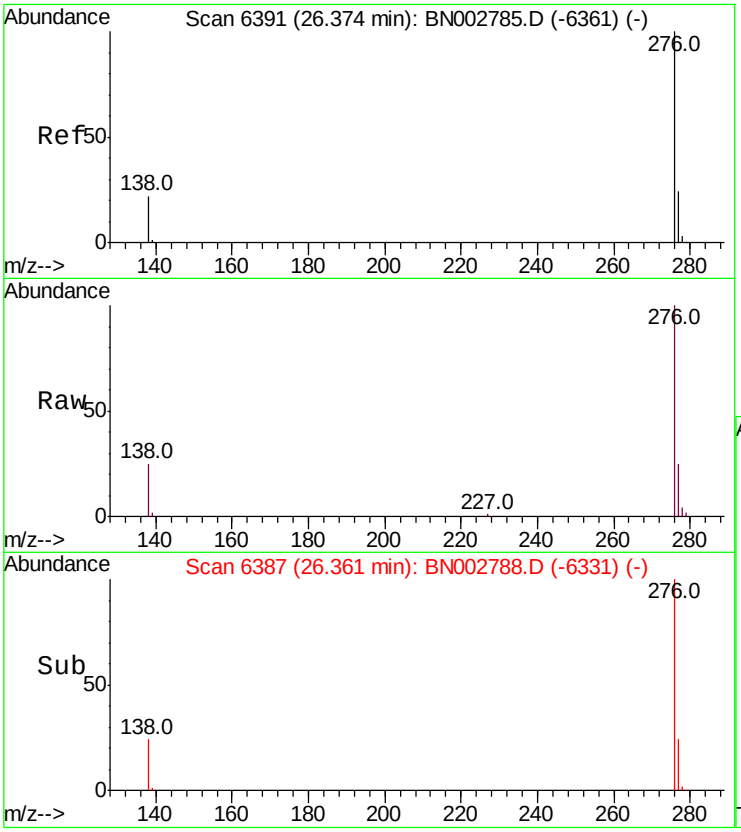


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.649 ng/ul
RT: 25.68 min Scan# 6185
Delta R.T. -0.01 min
Lab File: BN002788.D
Acq: 20 Sep 2018 14:24

Tgt Ion:276 Resp: 13930

Ion	Ratio	Lower	Upper
276	100		
138	21.6	28.0	42.0#
227	0.1	0.8	1.2#





#26
Benzo(g,h,i)perylene
Concen: 0.833 ng/ul
RT: 26.36 min Scan# 6387
Delta R.T. -0.01 min
Lab File: BN002788.D
Acq: 20 Sep 2018 14:24

Instrument :
BNA_N
ClientSampleId :
A3Z93

Tgt Ion:276 Resp: 15424

Ion	Ratio	Lower	Upper
276	100		
138	24.9	21.8	32.8
277	24.6	20.5	30.7