Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
Data File : BN002484.D
Acq On : 24 Aug 2018 02:01
Operator : JU/SJ
Sample : J4421-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 24 04:18:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 24 02:20:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	1773	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	7122	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.31	164	4026	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.15	188	461175	0.40	ng/ul	0.09
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.26
20) Perylene-d12	23.47	264	12238	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	2382	0.21	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						Qvalue
3) Naphthalene	10.49	128	777	0.042	ng/ul#	78
5) 2-Methylnaphthalene	12.13	142	437	0.034	ng/ul	100
7) Acenaphthylene	14.02	152	2925	0.155	ng/ul	99
8) Acenaphthene	14.37	153	643	0.045	ng/ul#	93
9) Fluorene	15.36	166	683	0.041	ng/ul#	91
21) Benzo(b)fluoranthene	22.81	252	36659	0.834	ng/ul	84
22) Benzo(k)fluoranthene	22.81	252	36659	0.807	ng/ul#	85
23) Benzo(a)pyrene	23.37	252	18716	0.453	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.69	276	11149	0.259	ng/ul#	77
25) Dibenzo(a,h)anthracene	25.69	278	2749	0.081	ng/ul#	90
26) Benzo(g,h,i)perylene	26.37	276	11863	0.321	ng/ul	96

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

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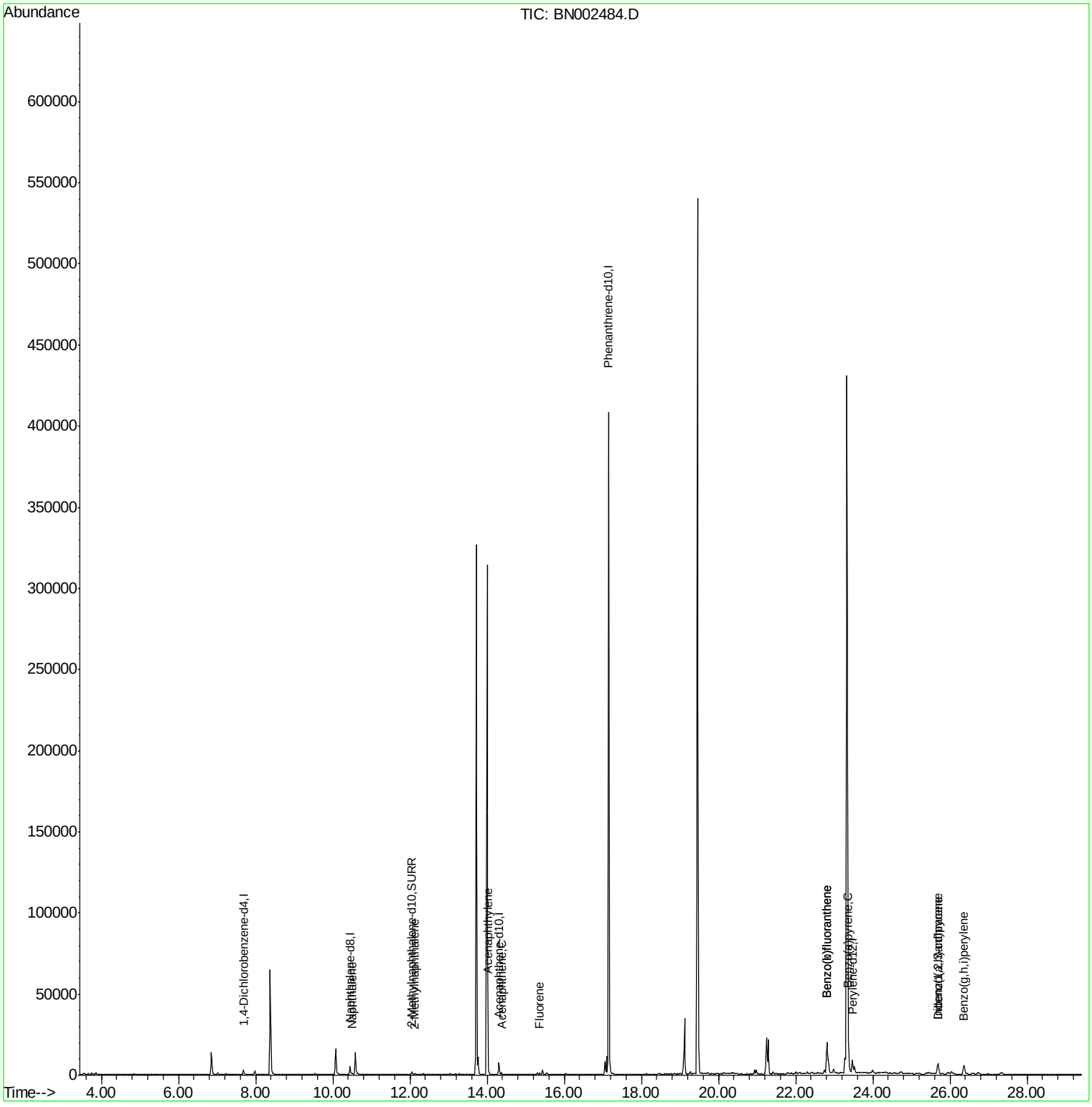
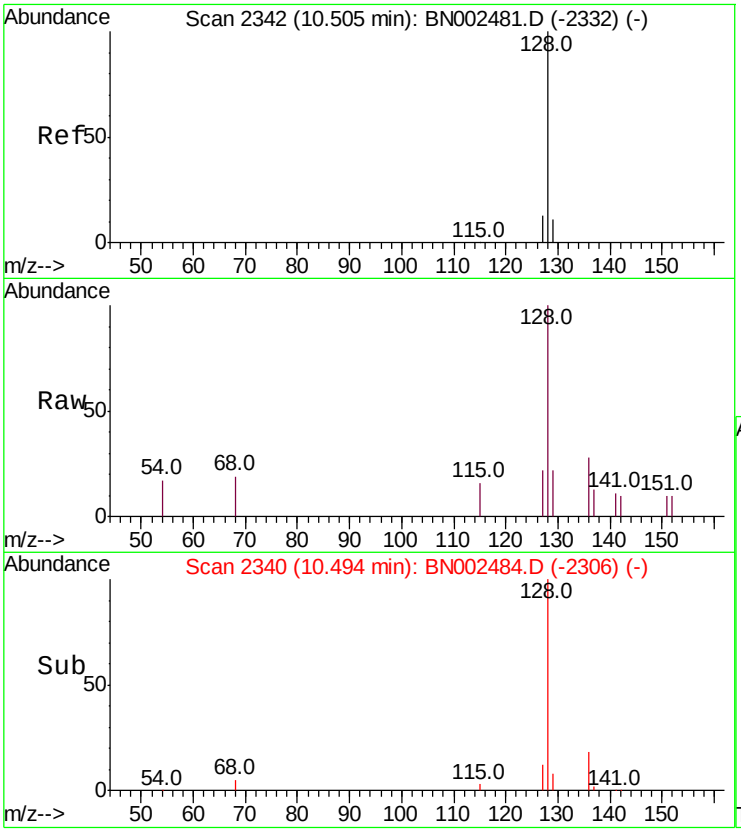


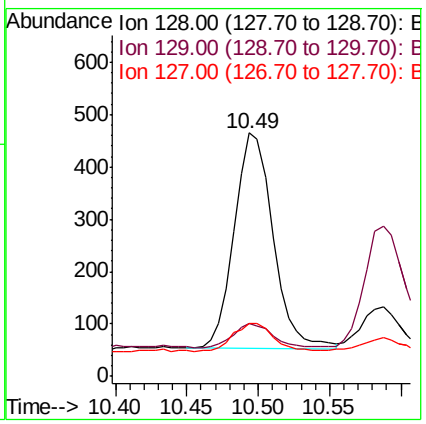


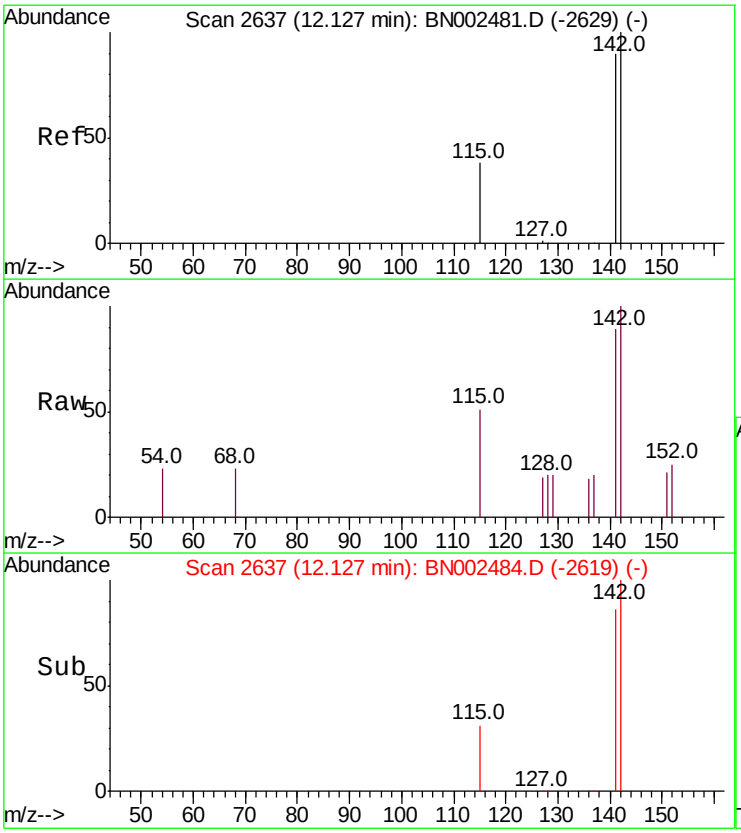
#3
Naphthalene
Concen: 0.042 ng/ul
RT: 10.49 min Scan# 2340
Delta R.T. -0.01 min
Lab File: BN002484.D
Acq: 24 Aug 2018 02:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 777

Ion	Ratio	Lower	Upper
128	100		
129	21.5	8.0	12.0#
127	21.7	12.0	18.0#

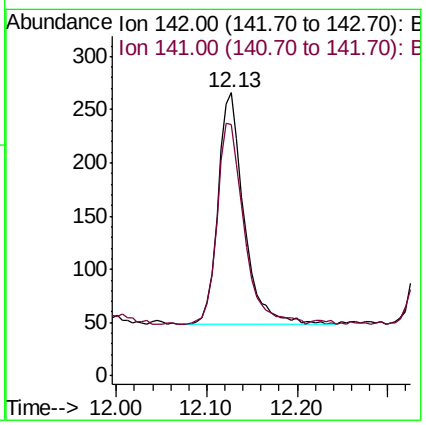


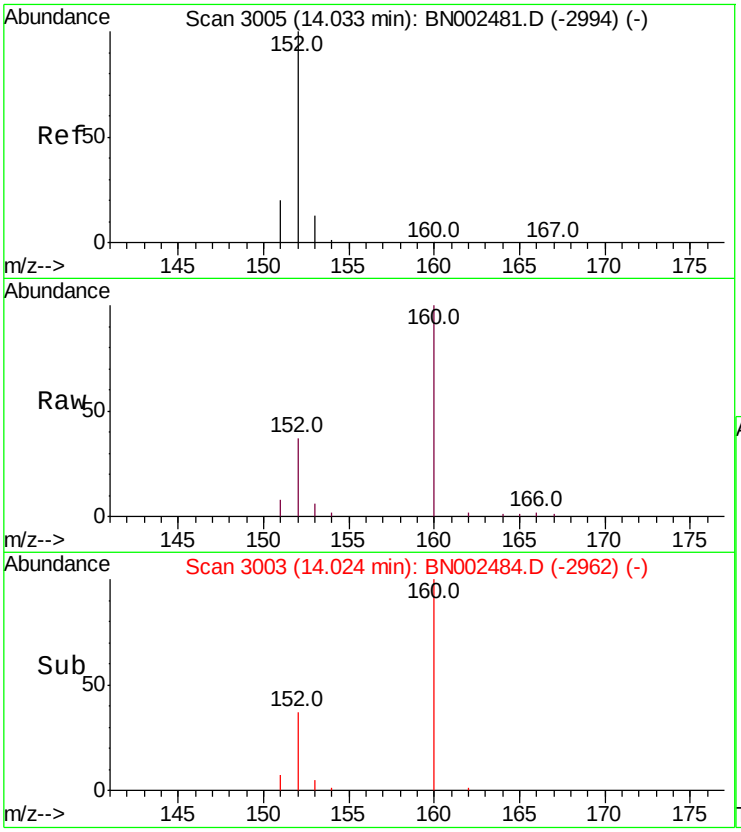


#5
2-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.13 min Scan# 2637
Delta R.T. 0.00 min
Lab File: BN002484.D
Acq: 24 Aug 2018 02:01

Tgt Ion:142 Resp: 437

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.6	108.8



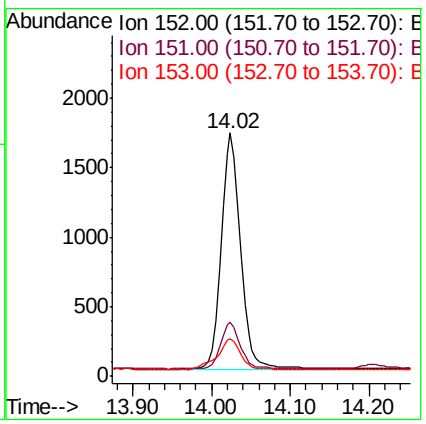


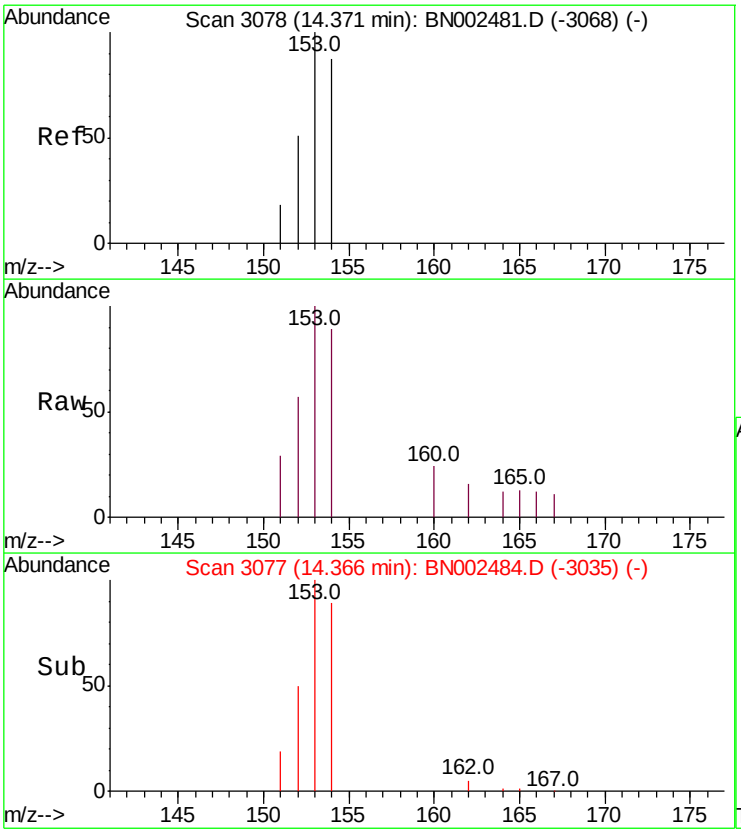
#7
Acenaphthylene
Concen: 0.155 ng/ul
RT: 14.02 min Scan# 3003
Delta R.T. -0.01 min
Lab File: BN002484.D
Acq: 24 Aug 2018 02:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 2925

Ion	Ratio	Lower	Upper
152	100		
151	22.0	17.1	25.7
153	15.4	12.8	19.2

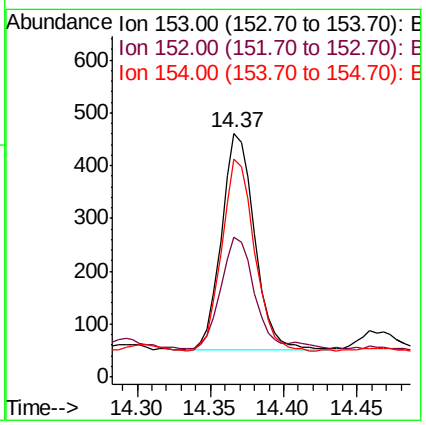


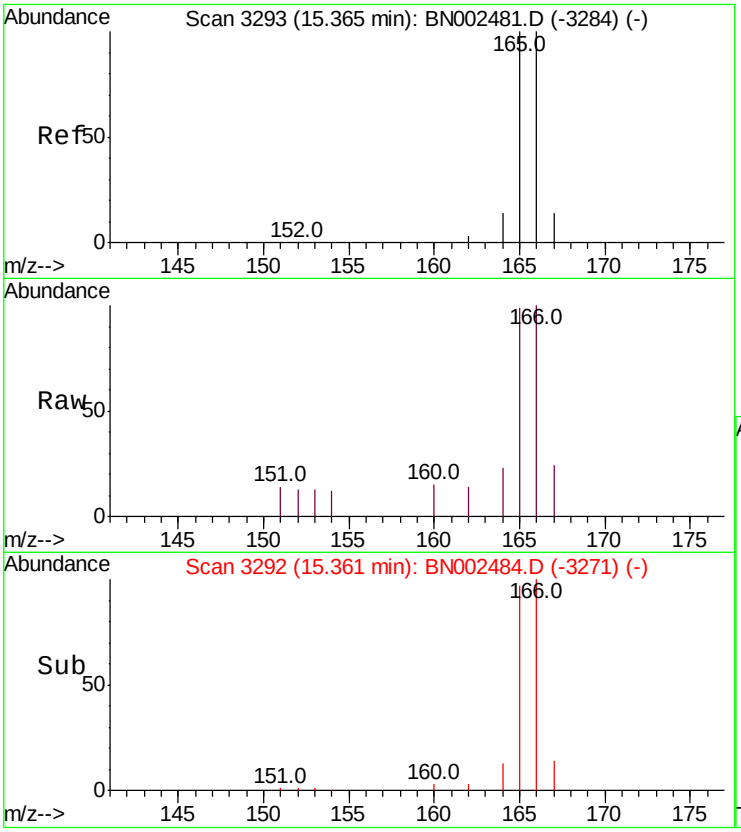


#8
Acenaphthene
Concen: 0.045 ng/ul
RT: 14.37 min Scan# 3077
Delta R.T. -0.00 min
Lab File: BN002484.D
Acq: 24 Aug 2018 02:01

Tgt Ion:153 Resp: 643

Ion	Ratio	Lower	Upper
153	100		
152	57.3	36.0	54.0#
154	89.4	72.0	108.0



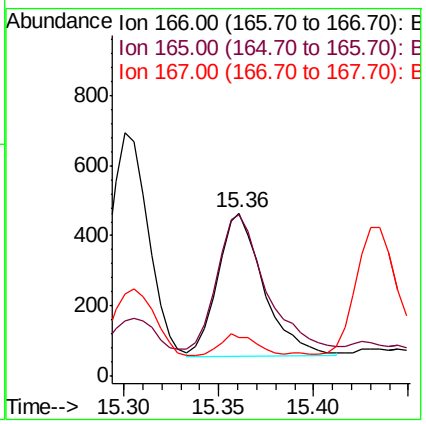


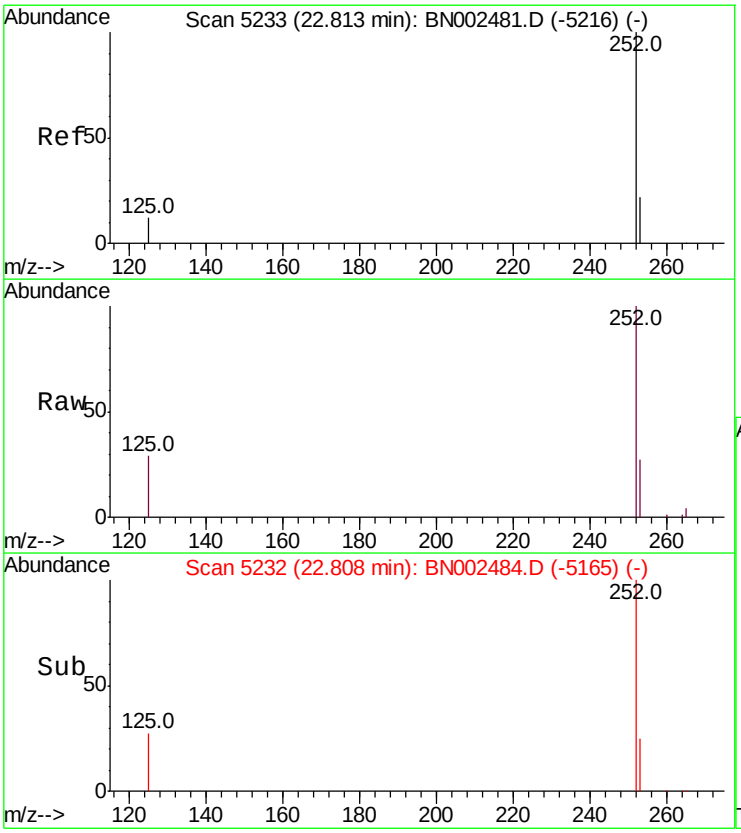
#9
Fluorene
Concen: 0.041 ng/ul
RT: 15.36 min Scan# 3292
Delta R.T. -0.00 min
Lab File: BN002484.D
Acq: 24 Aug 2018 02:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 683

Ion	Ratio	Lower	Upper
166	100		
165	99.4	73.4	110.2
167	24.1	14.6	22.0#

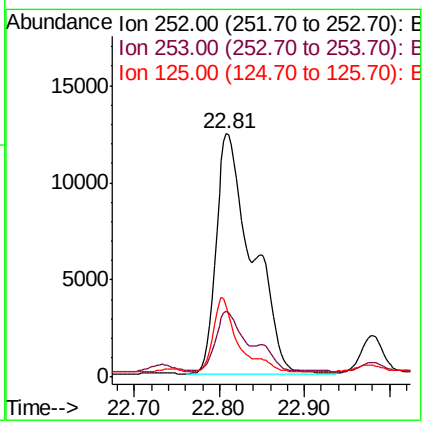


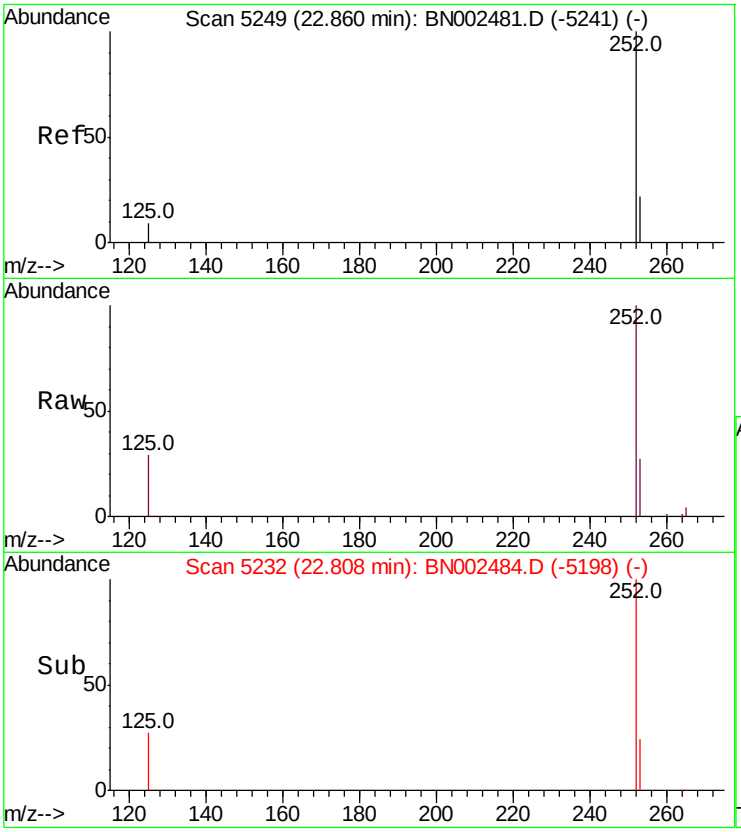


#21
Benzo(b)fluoranthene
Concen: 0.834 ng/ul
RT: 22.81 min Scan# 5232
Delta R.T. -0.00 min
Lab File: BN002484.D
Acq: 24 Aug 2018 02:01

Tgt Ion:252 Resp: 36659

Ion	Ratio	Lower	Upper
252	100		
253	26.8	0.0	64.2
125	29.2	0.0	35.0



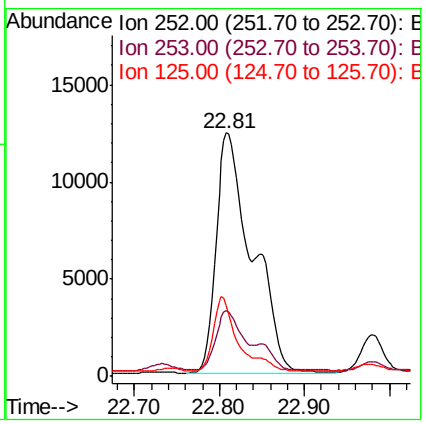


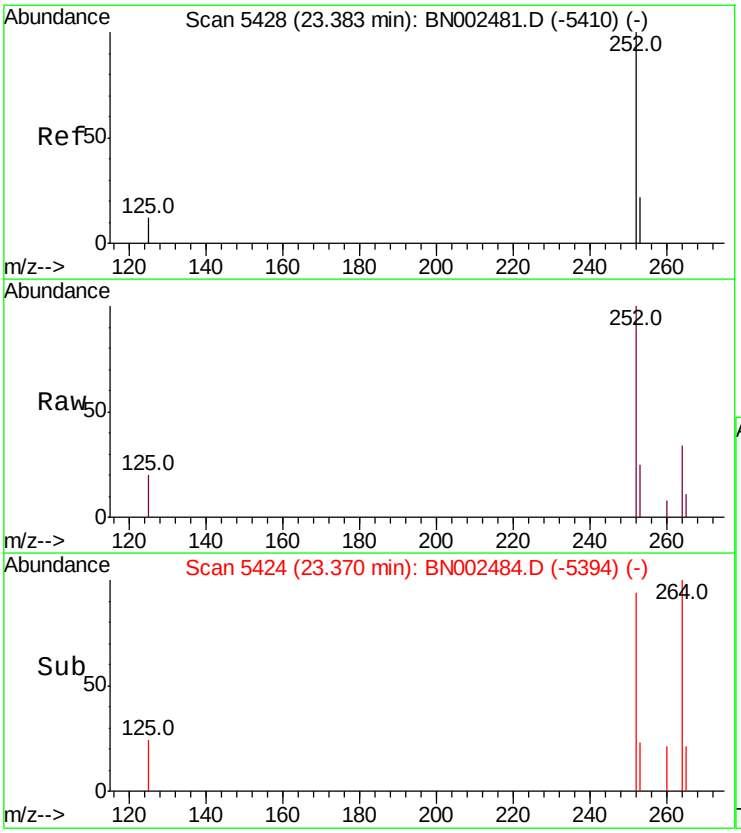
#22
Benzo(k)fluoranthene
Concen: 0.807 ng/ul
RT: 22.81 min Scan# 5232
Delta R.T. -0.05 min
Lab File: BN002484.D
Acq: 24 Aug 2018 02:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 36659

Ion	Ratio	Lower	Upper
252	100		
253	26.8	24.5	36.7
125	29.2	13.7	20.5#

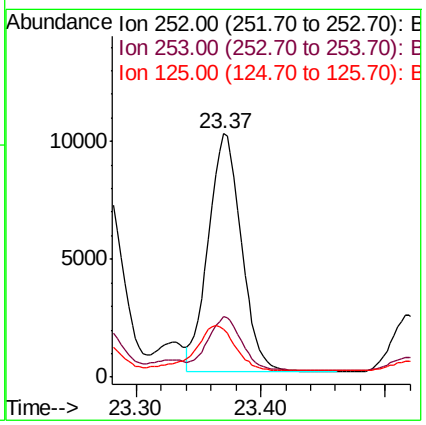


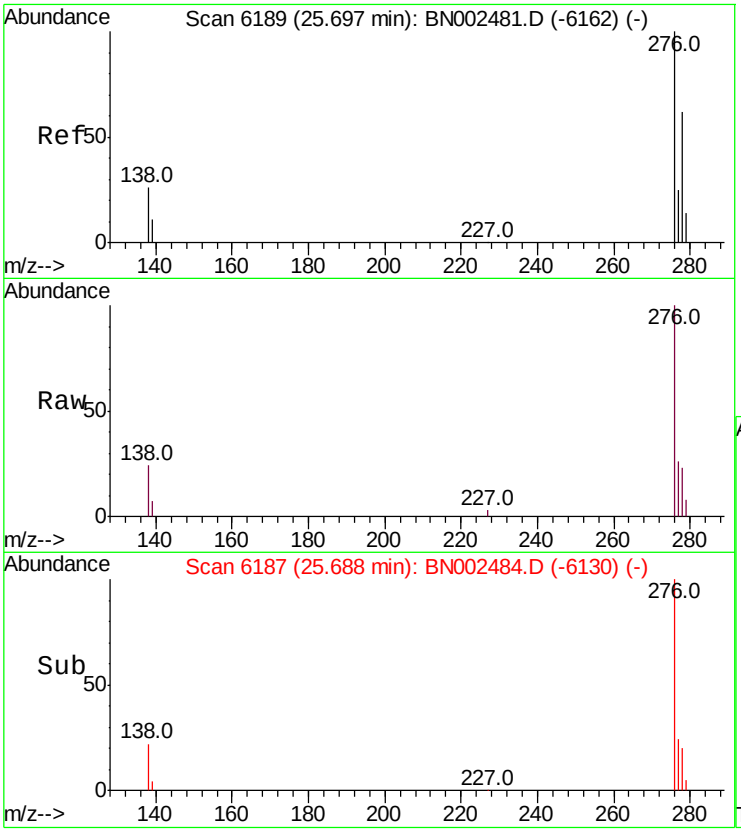


#23
Benzo(a)pyrene
Concen: 0.453 ng/ul
RT: 23.37 min Scan# 5424
Delta R.T. -0.01 min
Lab File: BN002484.D
Acq: 24 Aug 2018 02:01

Tgt Ion:252 Resp: 18716

Ion	Ratio	Lower	Upper
252	100		
253	24.9	16.0	24.0#
125	19.8	12.0	18.0#



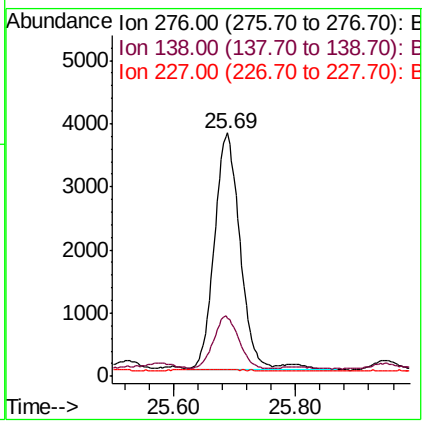


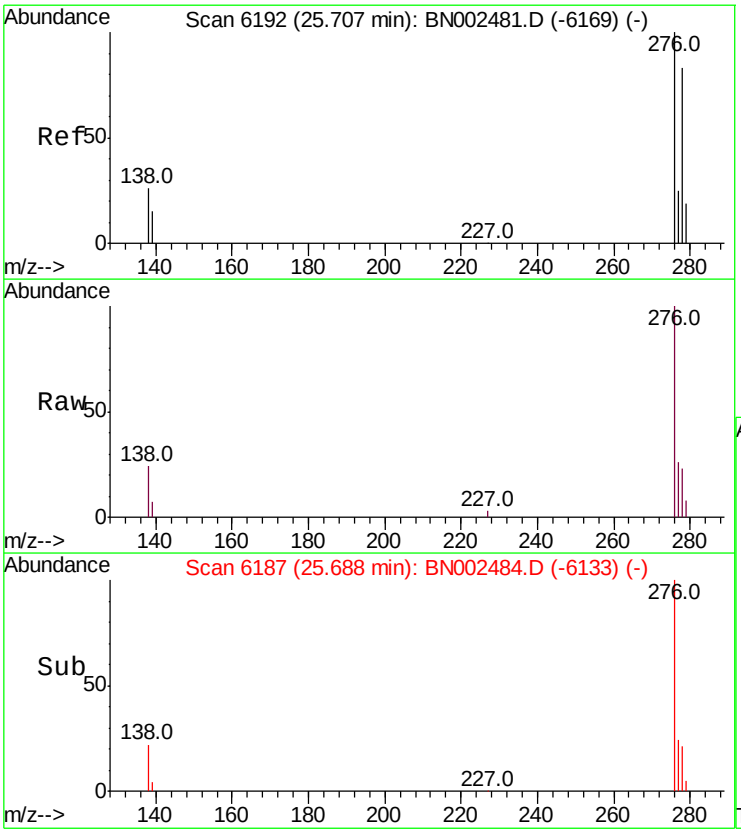
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.259 ng/ul
RT: 25.69 min Scan# 6187
Delta R.T. -0.01 min
Lab File: BN002484.D
Acq: 24 Aug 2018 02:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 11149

Ion	Ratio	Lower	Upper
276	100		
138	21.5	28.0	42.0#
227	0.5	0.8	1.2#

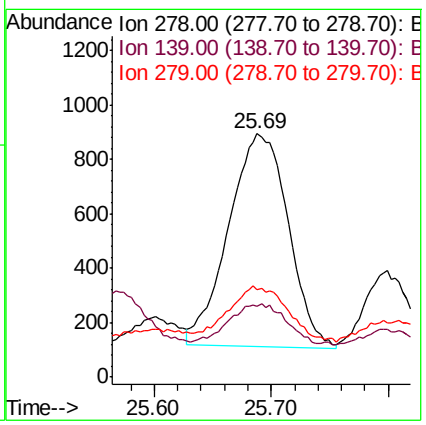


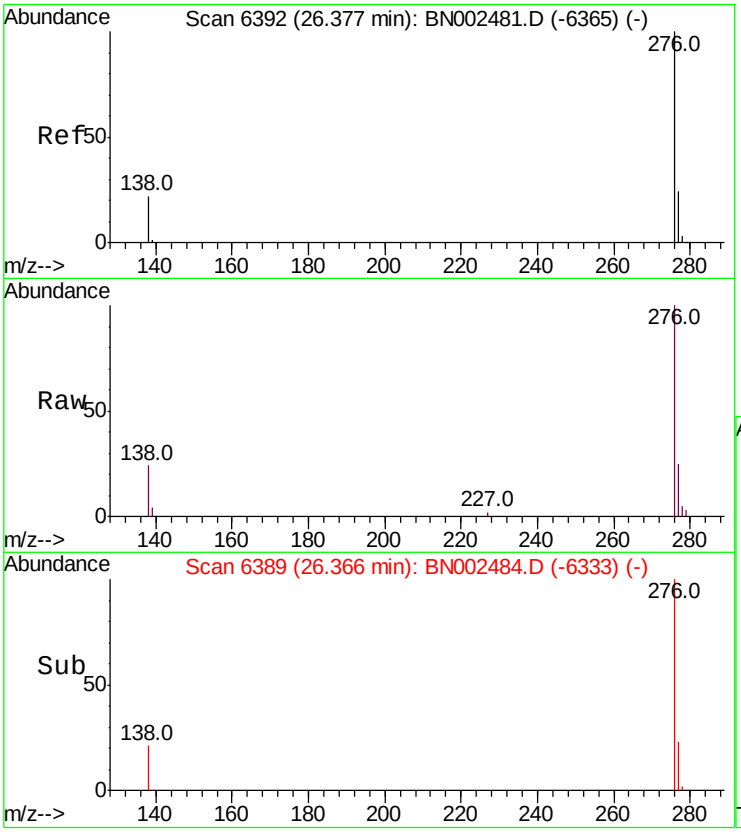


#25
Dibenzo(a,h)anthracene
Concen: 0.081 ng/ul
RT: 25.69 min Scan# 6187
Delta R.T. -0.02 min
Lab File: BN002484.D
Acq: 24 Aug 2018 02:01

Tgt Ion:278 Resp: 2749

Ion	Ratio	Lower	Upper
278	100		
139	29.0	17.4	26.0#
279	36.0	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 0.321 ng/ul
RT: 26.37 min Scan# 6389
Delta R.T. -0.01 min
Lab File: BN002484.D
Acq: 24 Aug 2018 02:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 11863

Ion	Ratio	Lower	Upper
276	100		
138	23.8	21.8	32.8
277	25.3	20.5	30.7