Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008117.D
Acq On : 12 Oct 2019 17:44
Operator : JU
Sample : K5178-08
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Oct 12 21:41:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2608	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	12614	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	8240	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	1099701	0.40	ng/ul	0.09
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.22
20) Perylene-d12	23.40	264	20498	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	4826	0.23	ng/ul	-0.01
14) Fluoranthene-d10	19.11	212	604	0.00	ng/ul	0.06
Target Compounds						Qvalue
3) Naphthalene	10.44	128	762	0.021	ng/ul#	71
7) Acenaphthylene	13.98	152	3081	0.079	ng/ul#	92
8) Acenaphthene	14.32	153	1013	0.033	ng/ul	96
9) Fluorene	15.31	166	1364	0.039	ng/ul#	93
21) Benzo(b)fluoranthene	22.75	252	83811	1.256	ng/ul	98
22) Benzo(k)fluoranthene	22.75	252	83780	1.108	ng/ul	97
23) Benzo(a)pyrene	23.30	252	37597	0.535	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.57	276	22674	0.274	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.58	278	5077	0.078	ng/ul#	55
26) Benzo(g,h,i)perylene	26.23	276	21352	0.282	ng/ul	95

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

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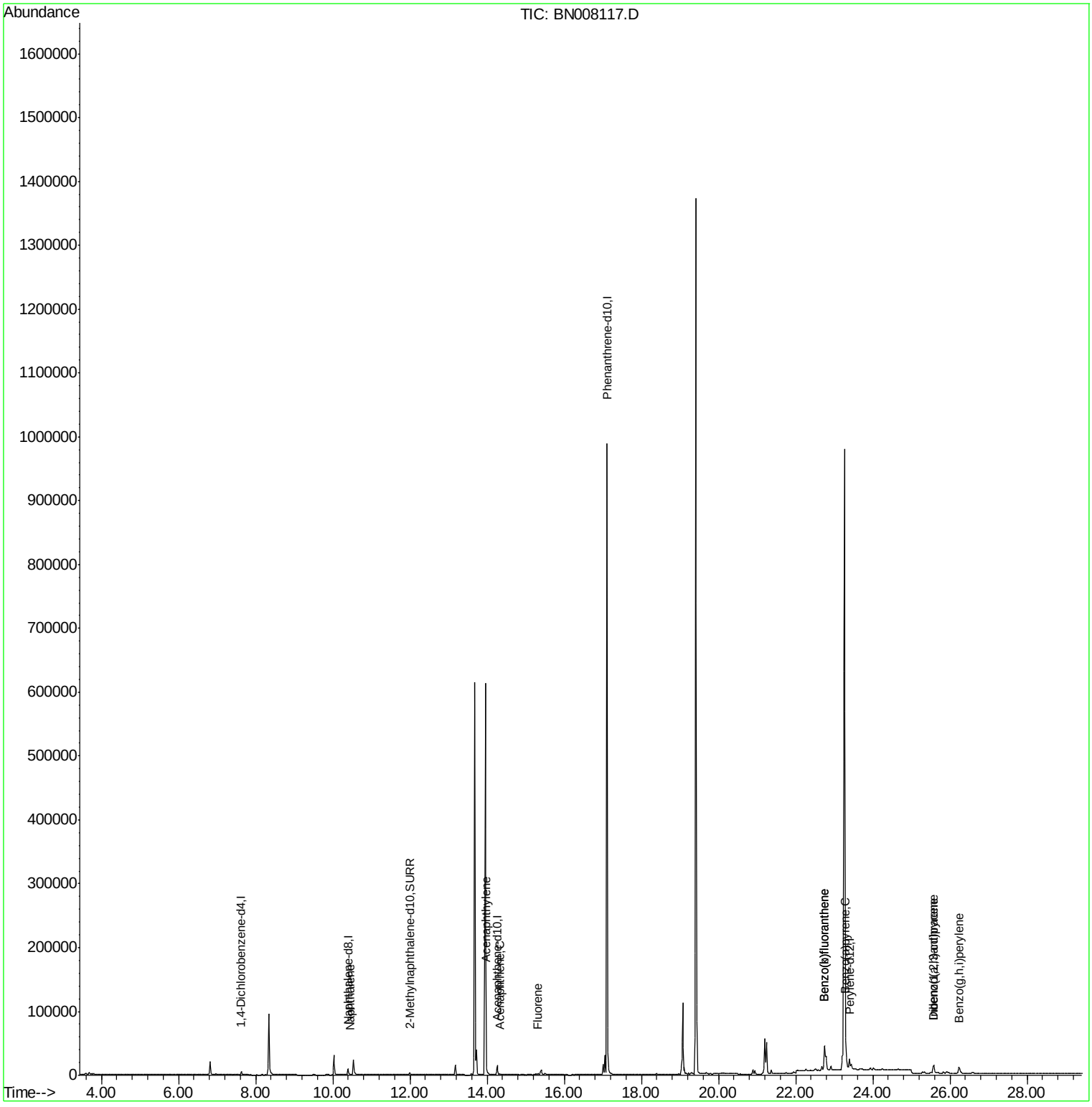
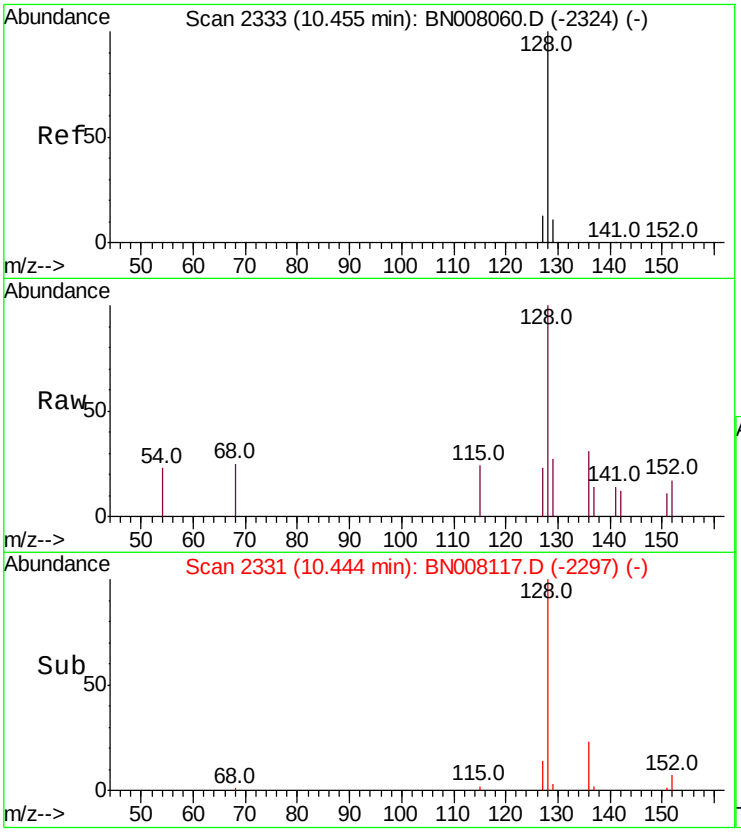


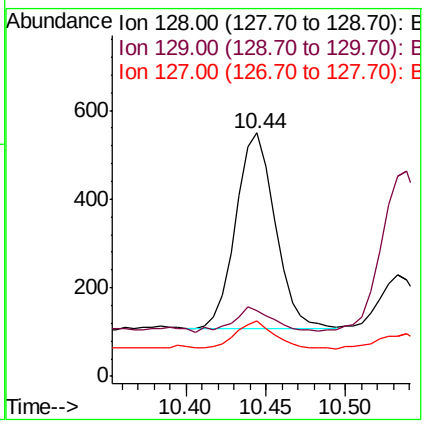


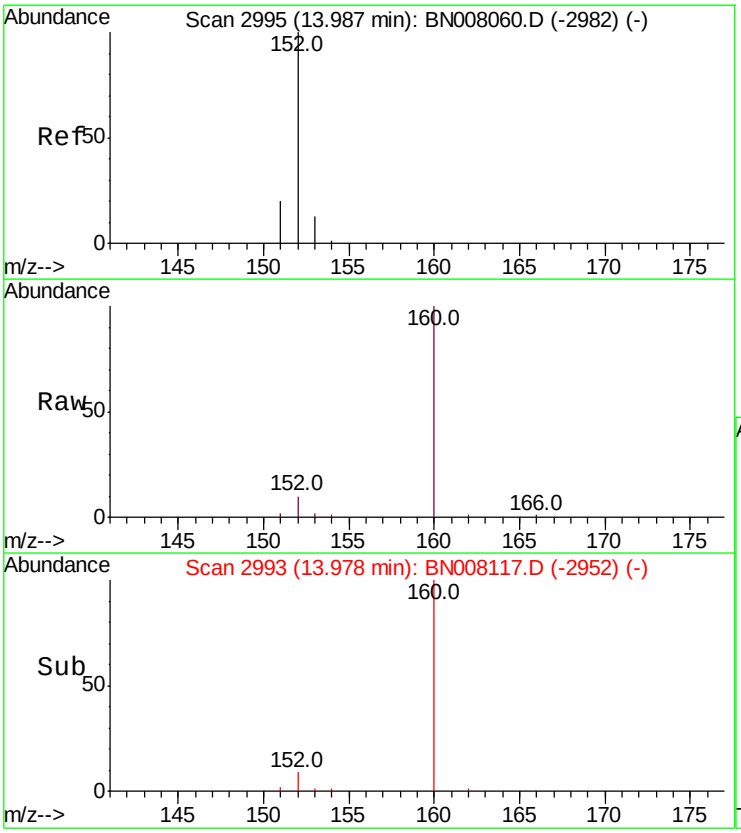
#3
Naphthalene
Concen: 0.021 ng/ul
RT: 10.44 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BN008117.D
Acq: 12 Oct 2019 17:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 762

Ion	Ratio	Lower	Upper
128	100		
129	27.0	9.8	14.8#
127	23.0	11.1	16.7#

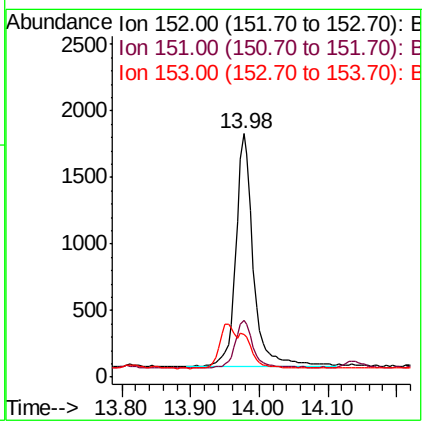


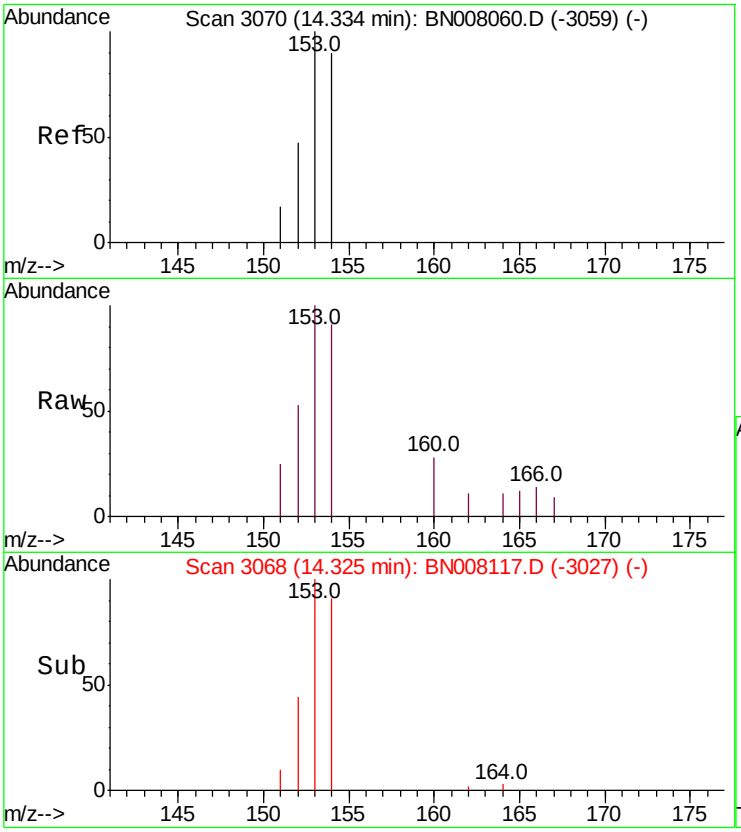


#7
Acenaphthylene
Concen: 0.079 ng/ul
RT: 13.98 min Scan# 2993
Delta R.T. -0.01 min
Lab File: BN008117.D
Acq: 12 Oct 2019 17:44

Tgt Ion:152 Resp: 3081

Ion	Ratio	Lower	Upper
152	100		
151	23.3	16.2	24.4
153	17.6	11.0	16.4#



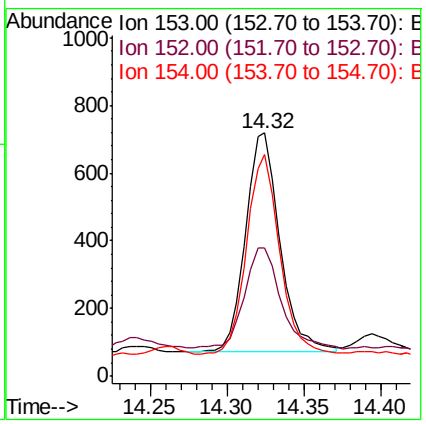


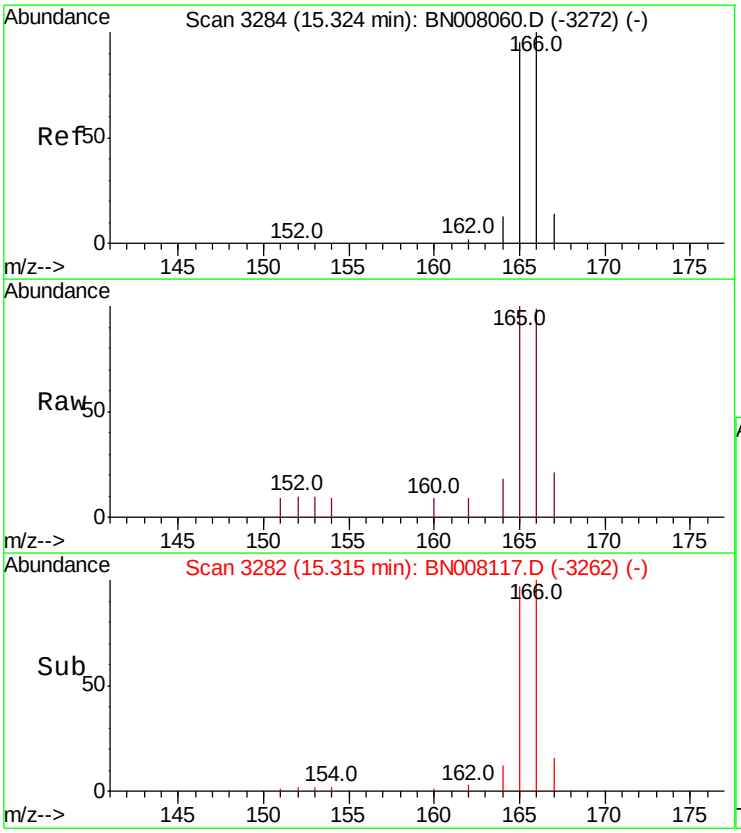
#8
Acenaphthene
Concen: 0.033 ng/ul
RT: 14.32 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BN008117.D
Acq: 12 Oct 2019 17:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:153 Resp: 1013

Ion	Ratio	Lower	Upper
153	100		
152	52.6	38.2	57.2
154	91.2	71.8	107.8

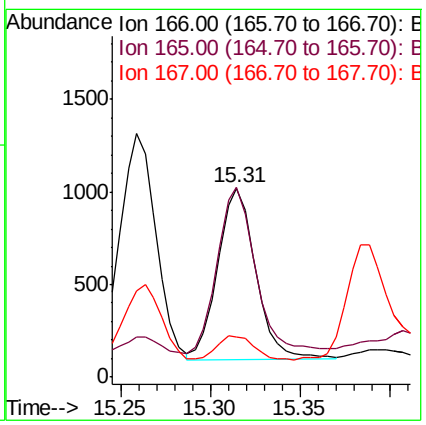


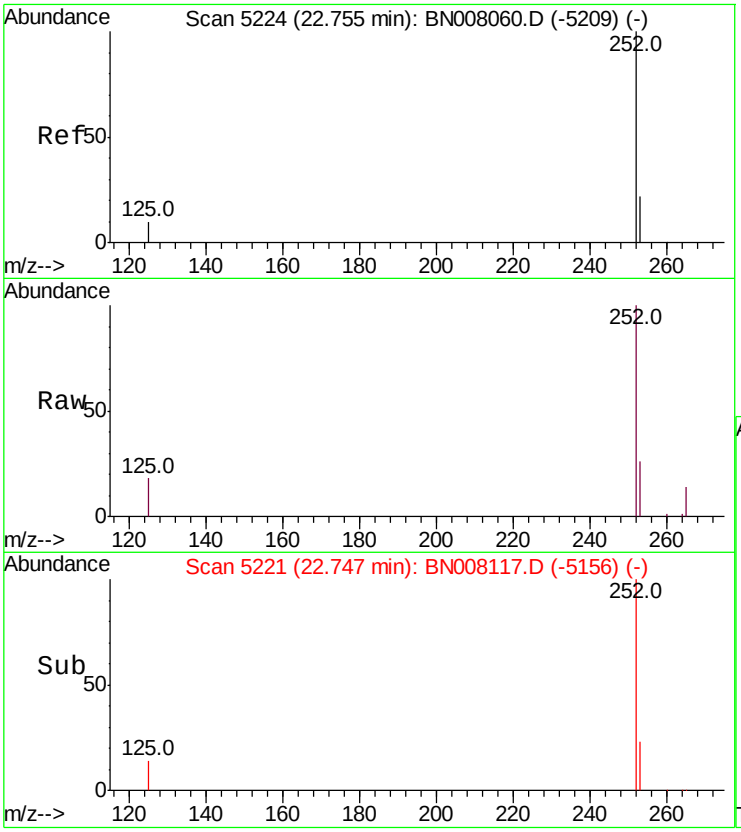


#9
Fluorene
Concen: 0.039 ng/ul
RT: 15.31 min Scan# 3282
Delta R.T. -0.01 min
Lab File: BN008117.D
Acq: 12 Oct 2019 17:44

Tgt Ion:166 Resp: 1364

Ion	Ratio	Lower	Upper
166	100		
165	100.6	76.6	115.0
167	21.6	11.7	17.5#



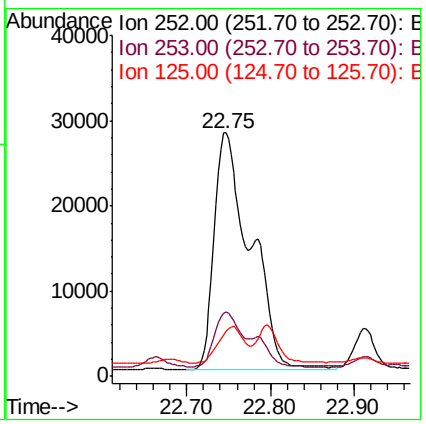


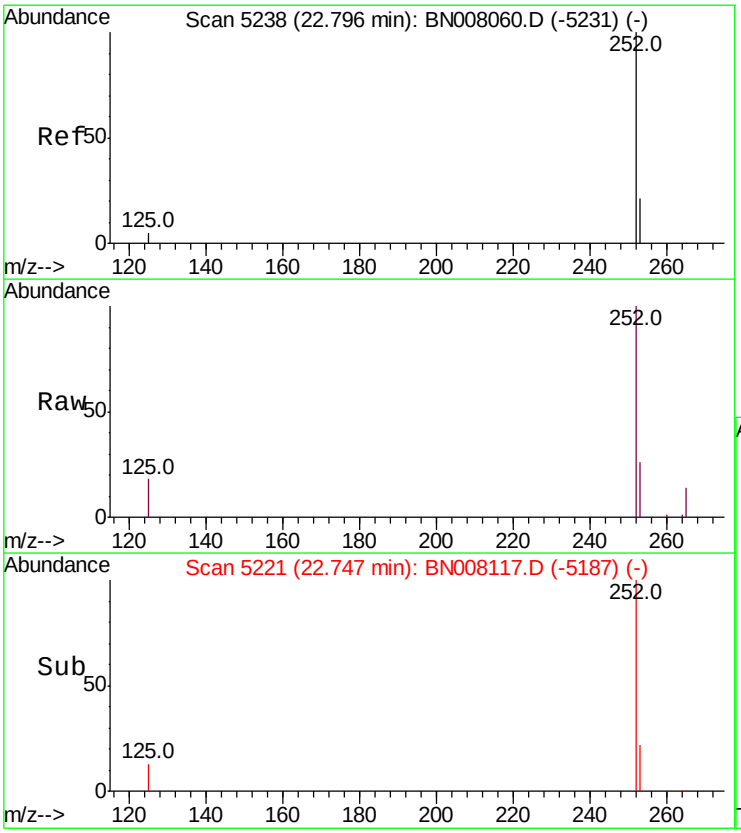
#21
Benzo(b)fluoranthene
Concen: 1.256 ng/ul
RT: 22.75 min Scan# 5221
Delta R.T. -0.01 min
Lab File: BN008117.D
Acq: 12 Oct 2019 17:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 83811

Ion	Ratio	Lower	Upper
252	100		
253	26.3	0.0	53.4
125	18.4	0.0	32.4

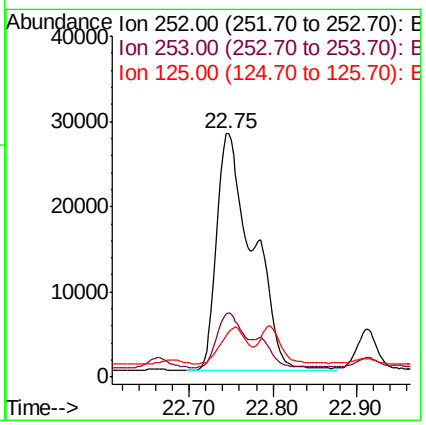


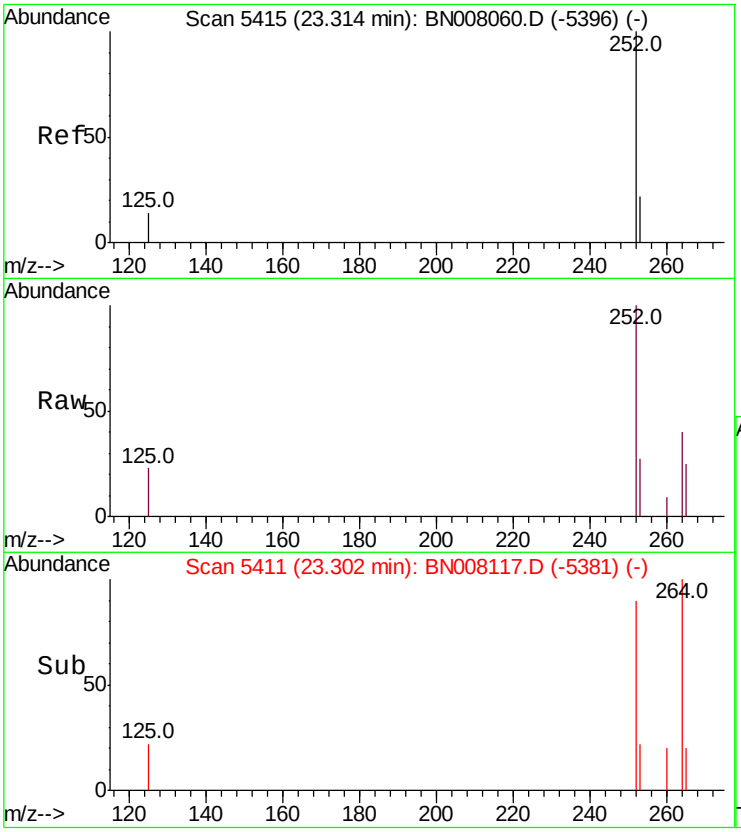


#22
Benzo(k)fluoranthene
Concen: 1.108 ng/ul
RT: 22.75 min Scan# 5221
Delta R.T. -0.05 min
Lab File: BN008117.D
Acq: 12 Oct 2019 17:44

Tgt Ion:252 Resp: 83780

Ion	Ratio	Lower	Upper
252	100		
253	26.3	21.3	31.9
125	18.4	12.3	18.5



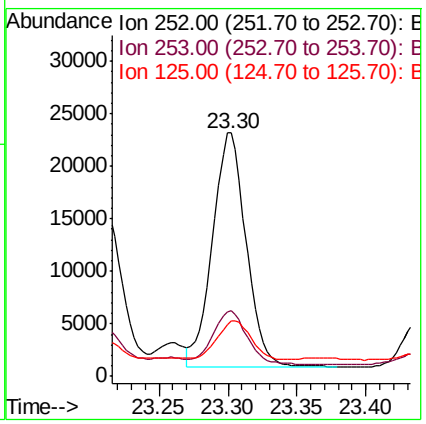


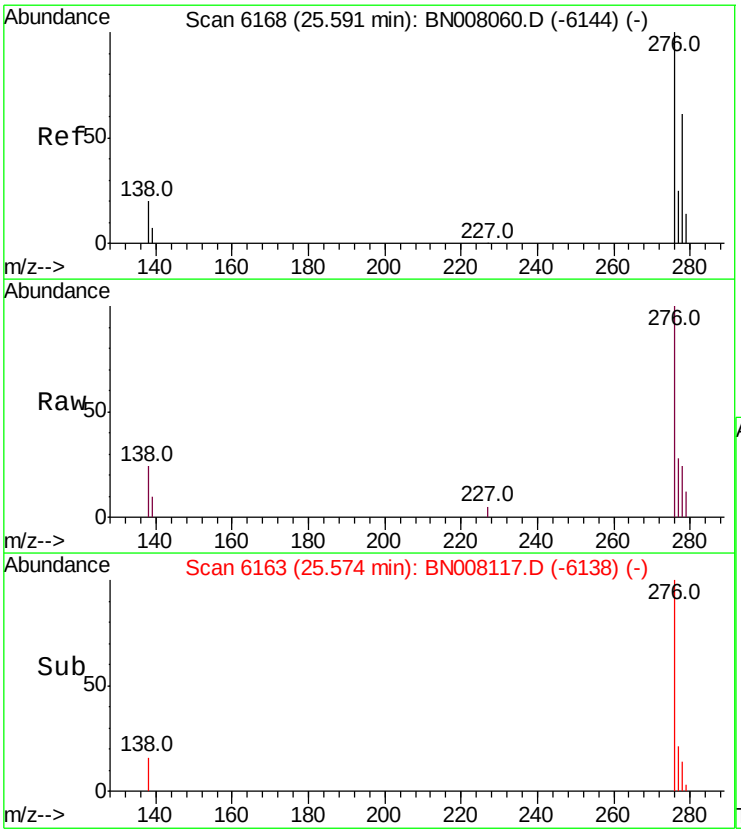
#23
Benzo(a)pyrene
Concen: 0.535 ng/ul
RT: 23.30 min Scan# 5411
Delta R.T. -0.01 min
Lab File: BN008117.D
Acq: 12 Oct 2019 17:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 37597

Ion	Ratio	Lower	Upper
252	100		
253	27.0	22.8	34.2
125	22.6	18.4	27.6

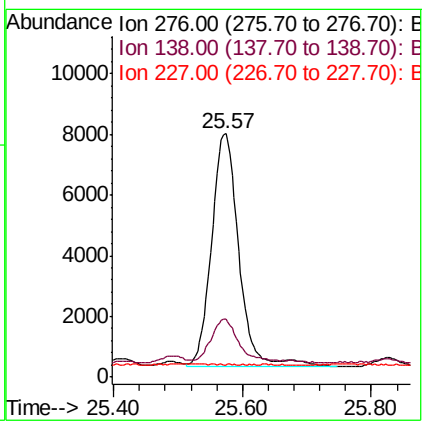


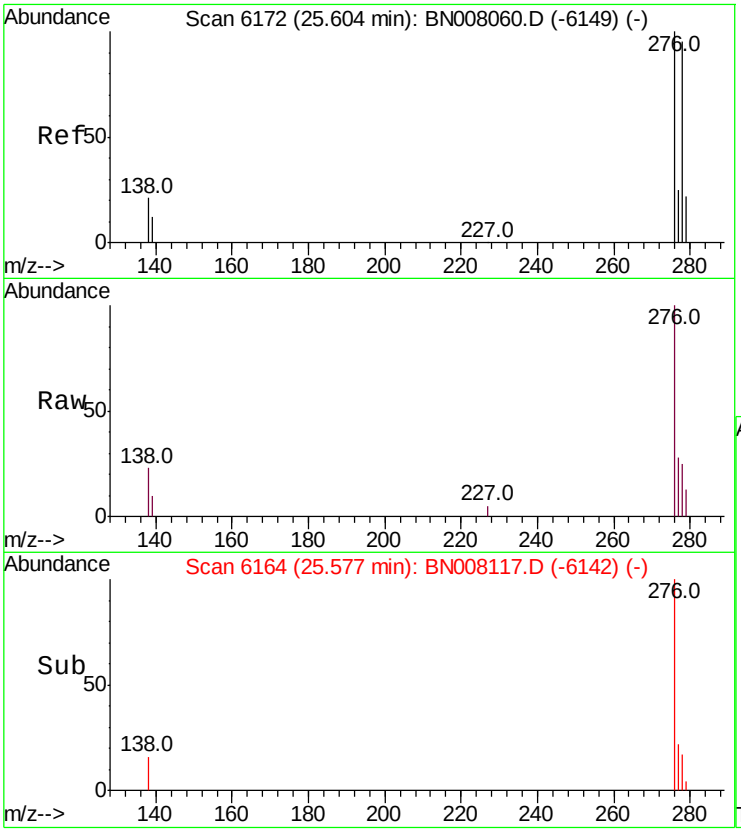


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.274 ng/ul
RT: 25.57 min Scan# 6163
Delta R.T. -0.02 min
Lab File: BN008117.D
Acq: 12 Oct 2019 17:44

Tgt Ion:276 Resp: 22674

Ion	Ratio	Lower	Upper
276	100		
138	19.4	16.1	24.1
227	0.1	0.2	0.2#



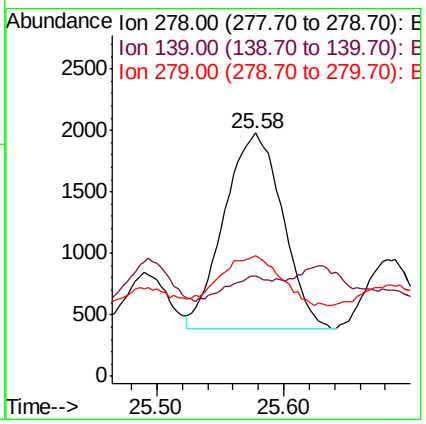


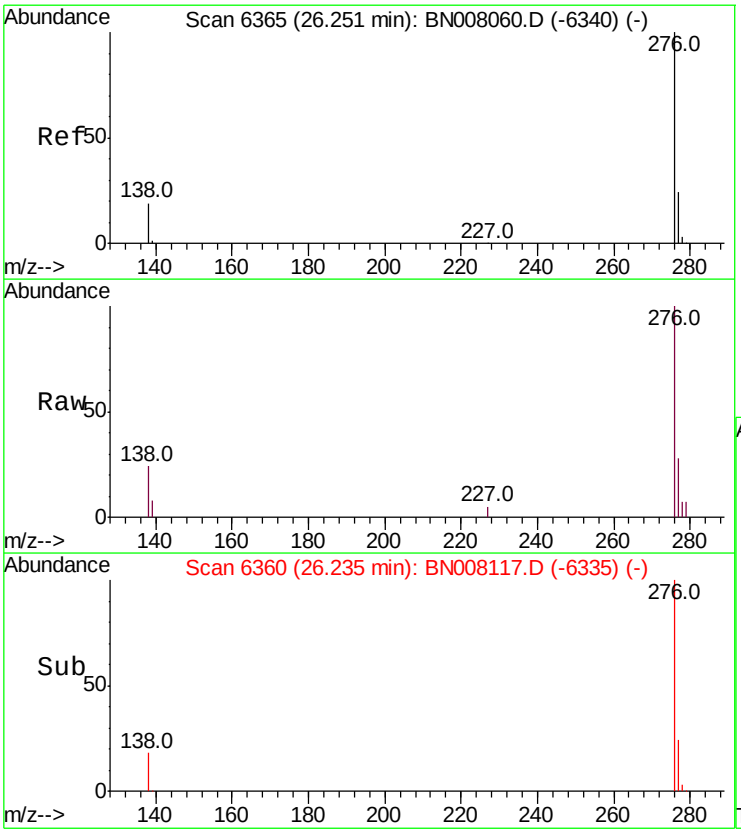
#25
Dibenzo(a,h)anthracene
Concen: 0.078 ng/ul
RT: 25.58 min Scan# 6164
Delta R.T. -0.03 min
Lab File: BN008117.D
Acq: 12 Oct 2019 17:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 5077

Ion	Ratio	Lower	Upper
278	100		
139	41.2	15.0	22.6#
279	49.6	22.4	33.6#





#26
Benzo(g,h,i)perylene
Concen: 0.282 ng/ul
RT: 26.23 min Scan# 6360
Delta R.T. -0.02 min
Lab File: BN008117.D
Acq: 12 Oct 2019 17:44

Tgt Ion:276 Resp: 21352

Ion	Ratio	Lower	Upper
276	100		
138	23.8	17.0	25.4
277	27.9	20.4	30.6