Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008113.D
Acq On : 12 Oct 2019 15:21
Operator : JU
Sample : K5178-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Oct 12 21:40:50 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	2555	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	12395	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	8194	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	893138	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	18742	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	3944	0.19	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						Qvalue
3) Naphthalene	10.44	128	2131	0.060	ng/ul#	90
5) 2-Methylnaphthalene	12.07	142	1122	0.046	ng/ul	98
7) Acenaphthylene	13.98	152	7521	0.193	ng/ul	98
8) Acenaphthene	14.32	153	1828	0.060	ng/ul	97
9) Fluorene	15.31	166	2286	0.066	ng/ul#	95
21) Benzo(b)fluoranthene	22.75	252	162998	2.672	ng/ul	96
22) Benzo(k)fluoranthene	22.75	252	162998	2.358	ng/ul	96
23) Benzo(a)pyrene	23.30	252	79594	1.240	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.57	276	49366	0.653	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.58	278	11162	0.187	ng/ul#	80
26) Benzo(g,h,i)perylene	26.24	276	48642	0.702	ng/ul	100

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

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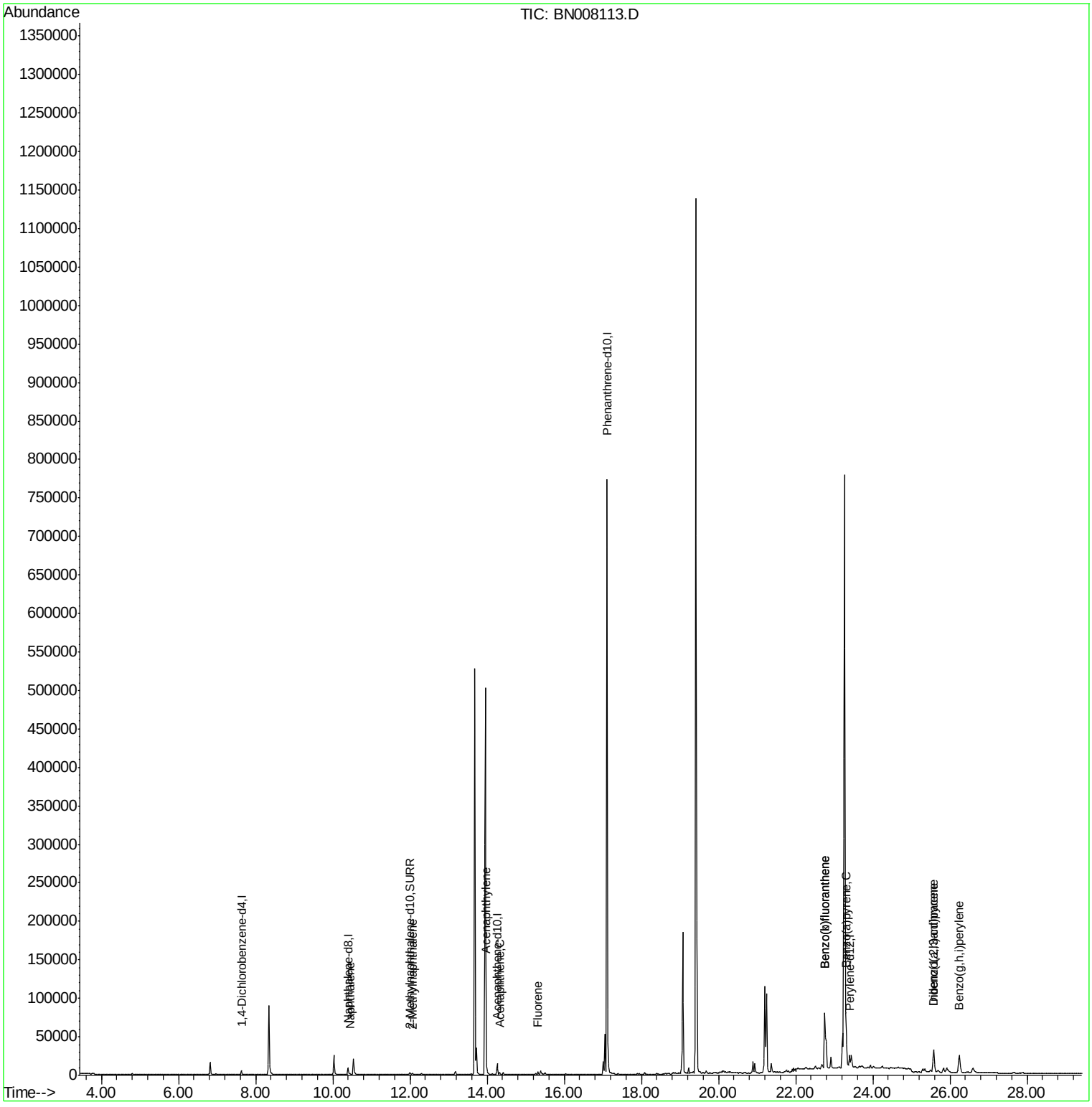
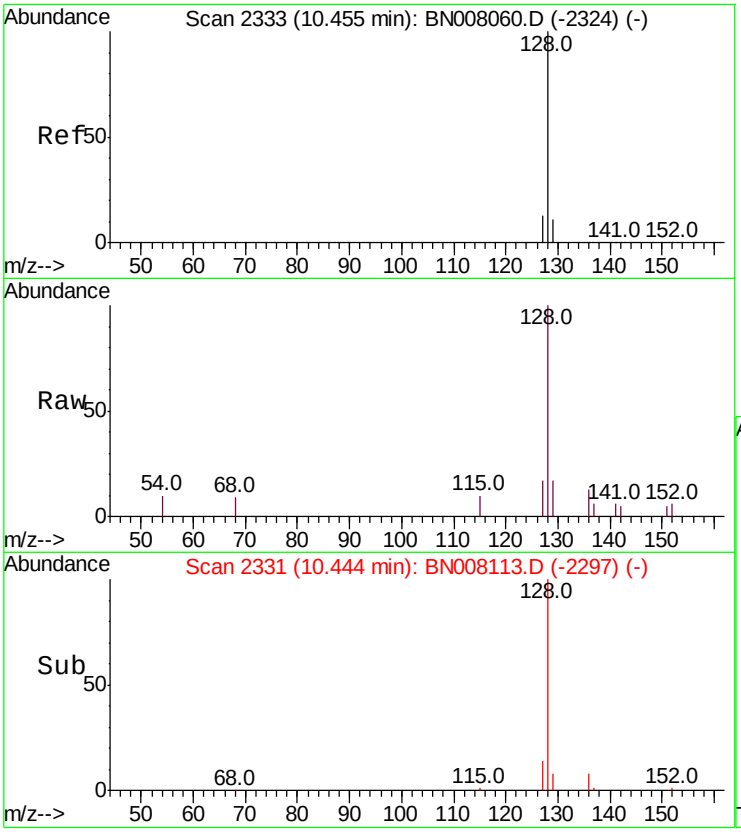


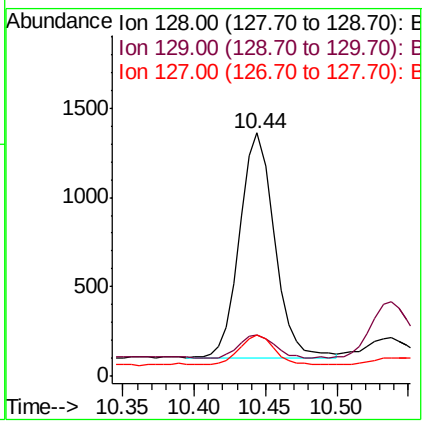


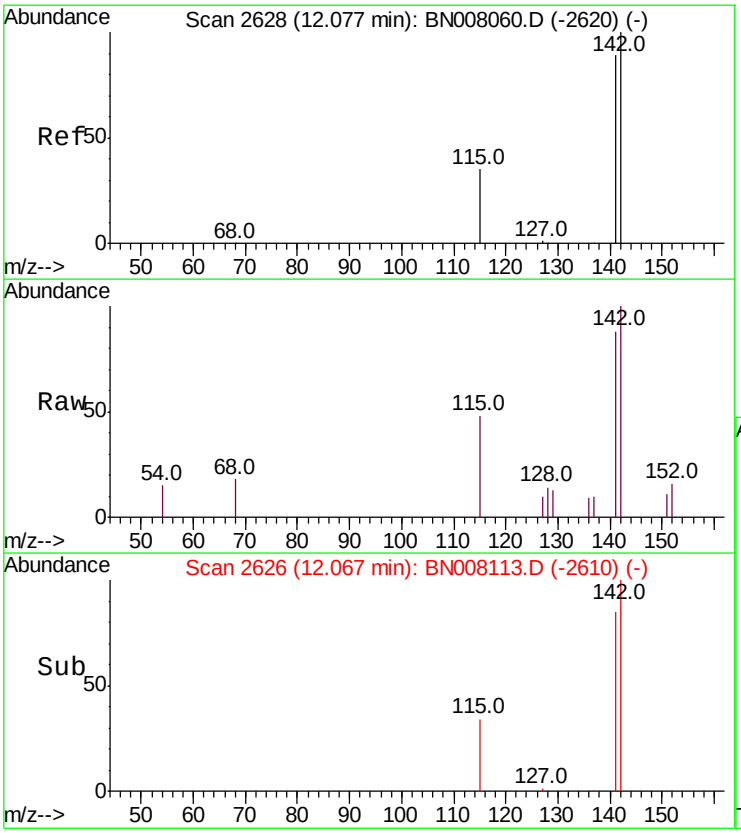
#3
Naphthalene
Concen: 0.060 ng/ul
RT: 10.44 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BN008113.D
Acq: 12 Oct 2019 15:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 2131

Ion	Ratio	Lower	Upper
128	100		
129	17.0	9.8	14.8#
127	17.0	11.1	16.7#

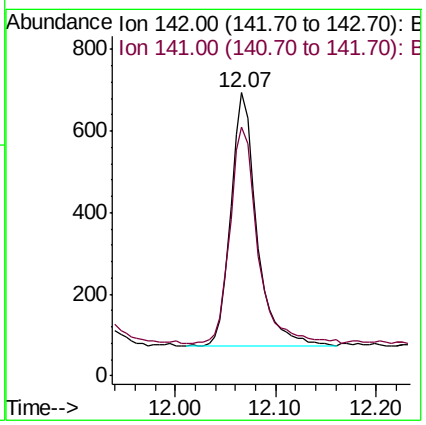


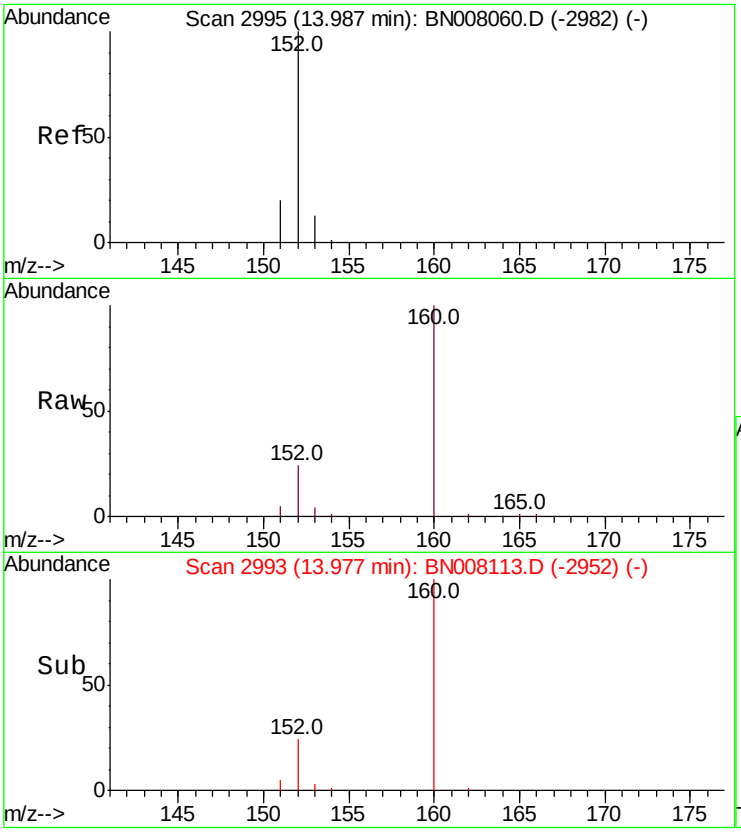


#5
2-Methylnaphthalene
Concen: 0.046 ng/ul
RT: 12.07 min Scan# 2626
Delta R.T. -0.01 min
Lab File: BN008113.D
Acq: 12 Oct 2019 15:21

Tgt Ion:142 Resp: 1122

Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.4	107.2



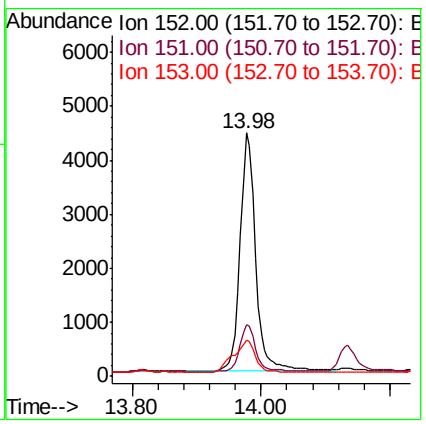


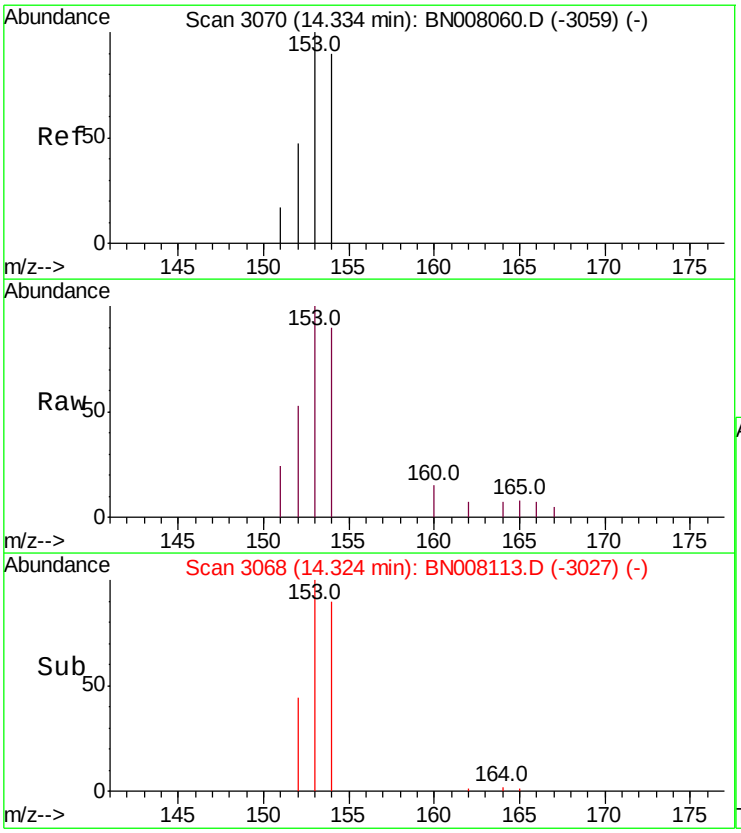
#7
Acenaphthylene
Concen: 0.193 ng/ul
RT: 13.98 min Scan# 2993
Delta R.T. -0.01 min
Lab File: BN008113.D
Acq: 12 Oct 2019 15:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 7521

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.2	24.4
153	15.2	11.0	16.4

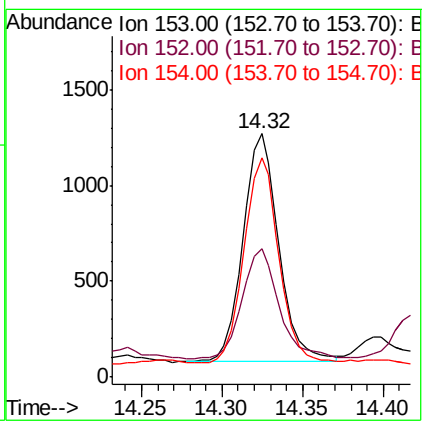


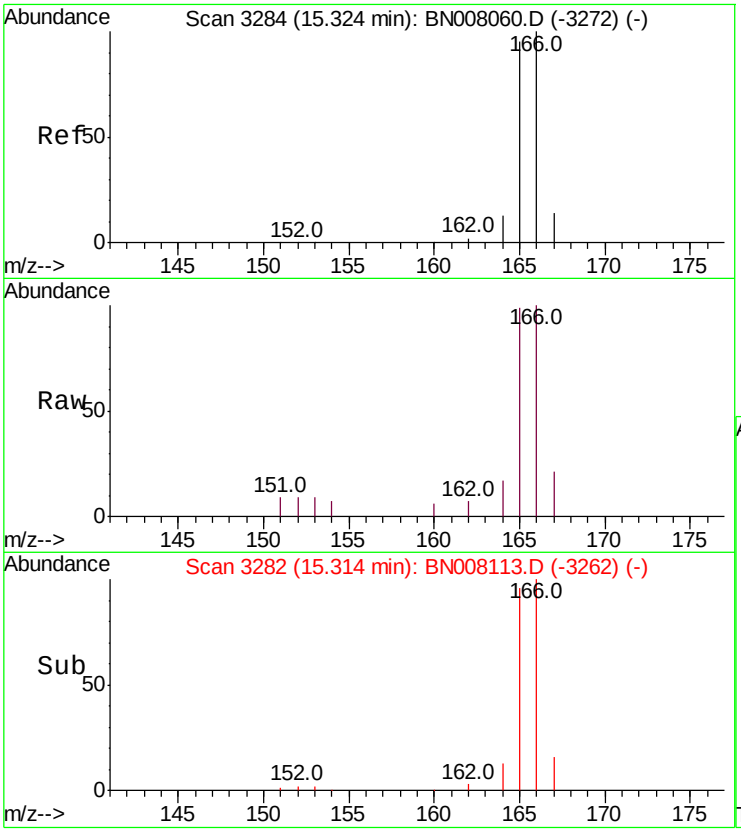


#8
Acenaphthene
Concen: 0.060 ng/ul
RT: 14.32 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BN008113.D
Acq: 12 Oct 2019 15:21

Tgt Ion:153 Resp: 1828

Ion	Ratio	Lower	Upper
153	100		
152	52.8	38.2	57.2
154	90.0	71.8	107.8



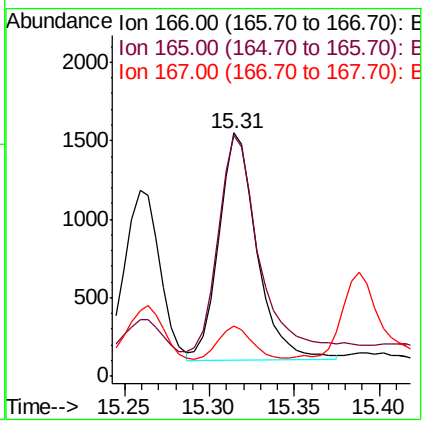


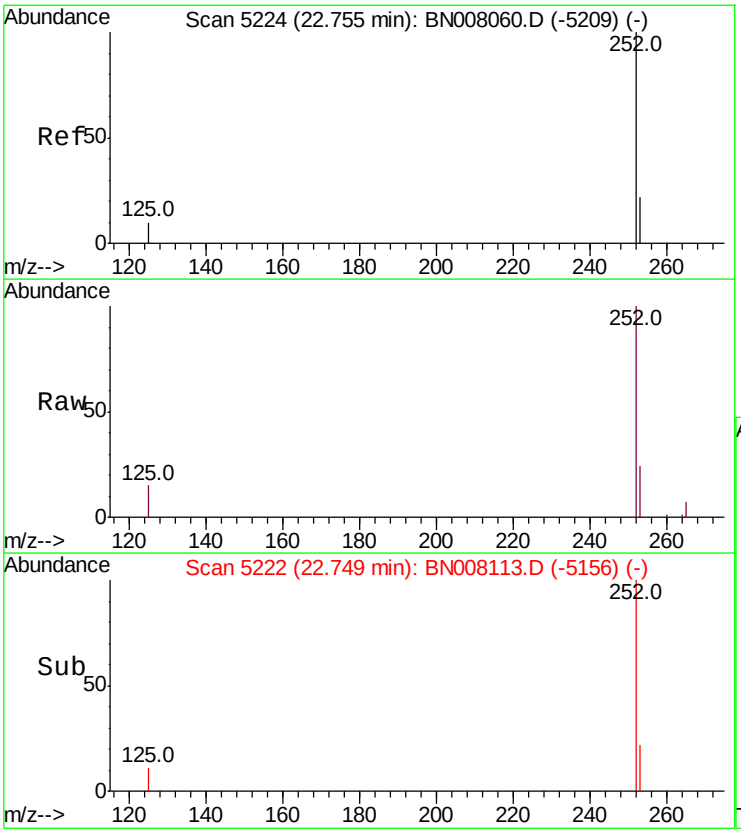
#9
Fluorene
Concen: 0.066 ng/ul
RT: 15.31 min Scan# 3282
Delta R.T. -0.01 min
Lab File: BN008113.D
Acq: 12 Oct 2019 15:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 2286

Ion	Ratio	Lower	Upper
166	100		
165	99.1	76.6	115.0
167	20.5	11.7	17.5#

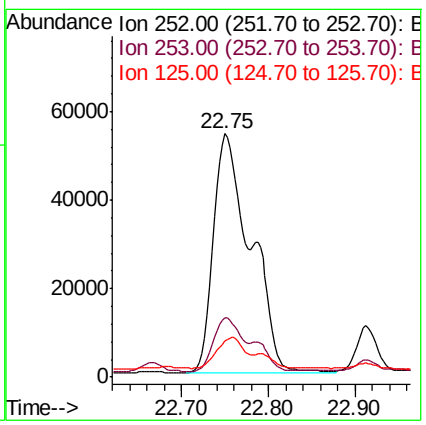


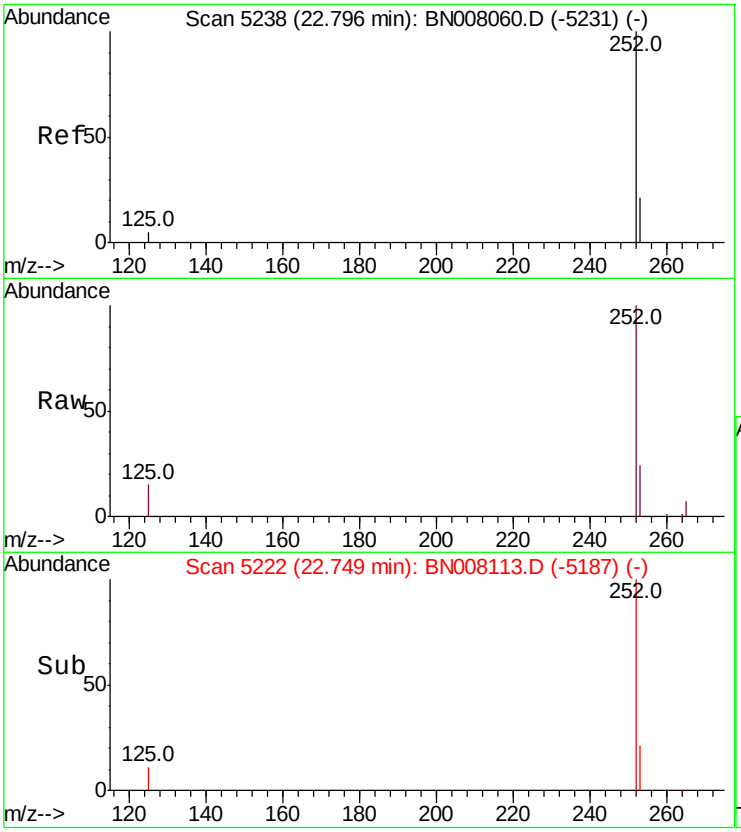


#21
Benzo(b)fluoranthene
Concen: 2.672 ng/ul
RT: 22.75 min Scan# 5222
Delta R.T. -0.01 min
Lab File: BN008113.D
Acq: 12 Oct 2019 15:21

Tgt Ion:252 Resp: 162998

Ion	Ratio	Lower	Upper
252	100		
253	24.2	0.0	53.4
125	14.6	0.0	32.4



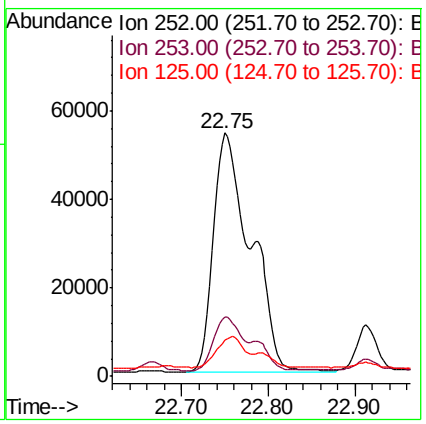


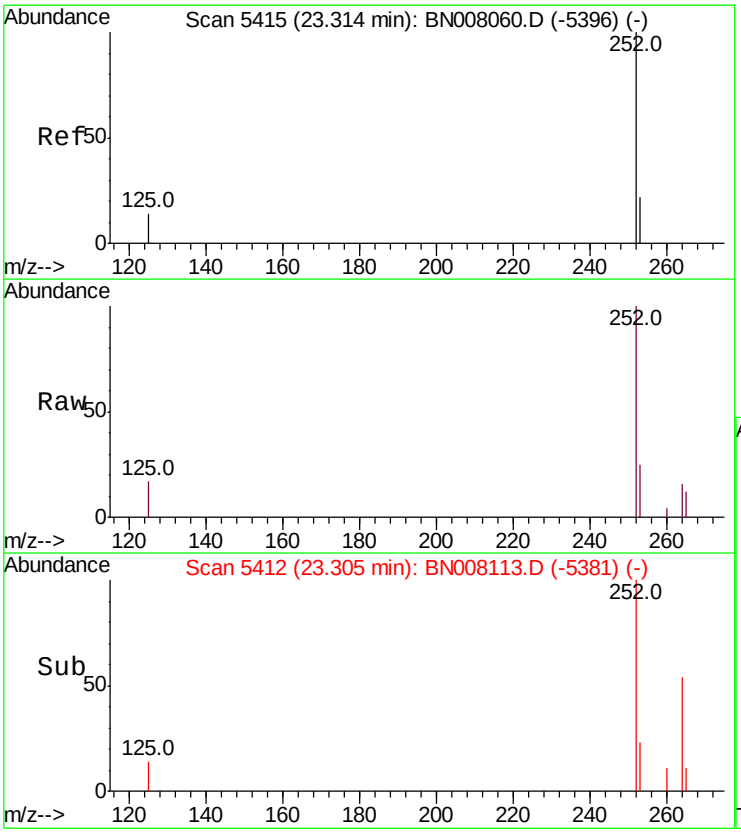
#22
Benzo(k)fluoranthene
Concen: 2.358 ng/ul
RT: 22.75 min Scan# 5222
Delta R.T. -0.05 min
Lab File: BN008113.D
Acq: 12 Oct 2019 15:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 162998

Ion	Ratio	Lower	Upper
252	100		
253	24.2	21.3	31.9
125	14.6	12.3	18.5

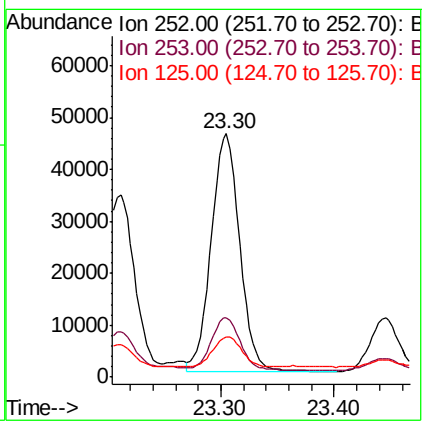


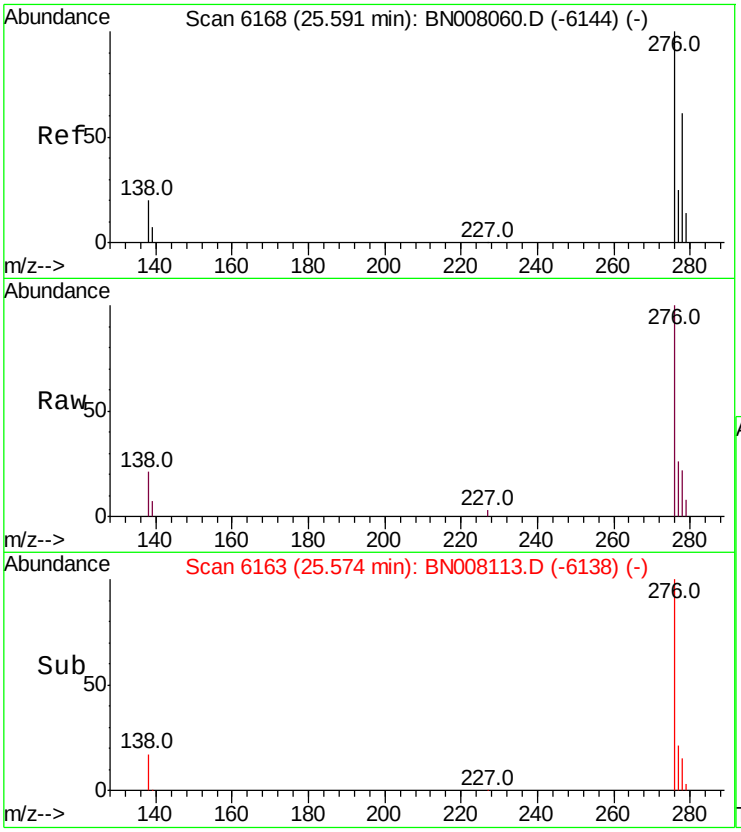


#23
Benzo(a)pyrene
Concen: 1.240 ng/ul
RT: 23.30 min Scan# 5412
Delta R.T. -0.01 min
Lab File: BN008113.D
Acq: 12 Oct 2019 15:21

Tgt Ion:252 Resp: 79594

Ion	Ratio	Lower	Upper
252	100		
253	24.5	22.8	34.2
125	16.7	18.4	27.6#



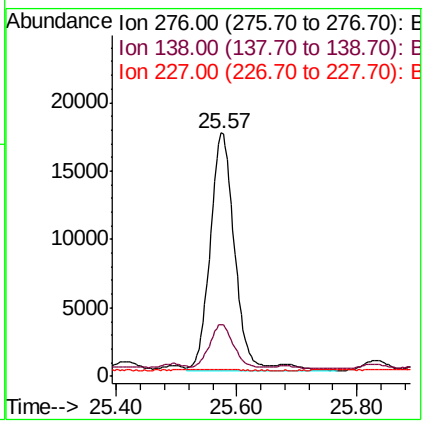


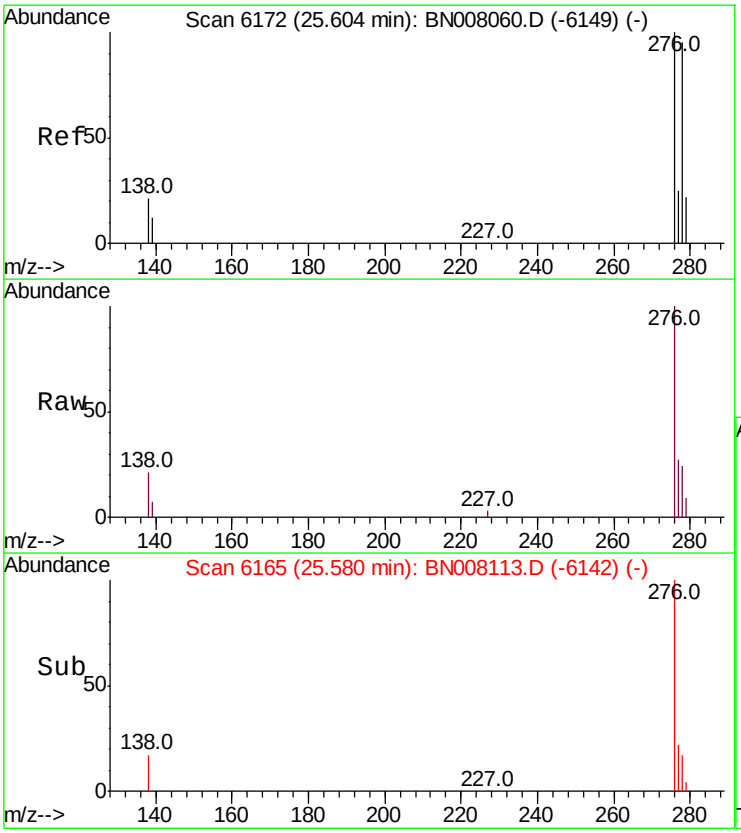
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.653 ng/ul
RT: 25.57 min Scan# 6163
Delta R.T. -0.02 min
Lab File: BN008113.D
Acq: 12 Oct 2019 15:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 49366

Ion	Ratio	Lower	Upper
276	100		
138	17.3	16.1	24.1
227	0.0	0.2	0.2#

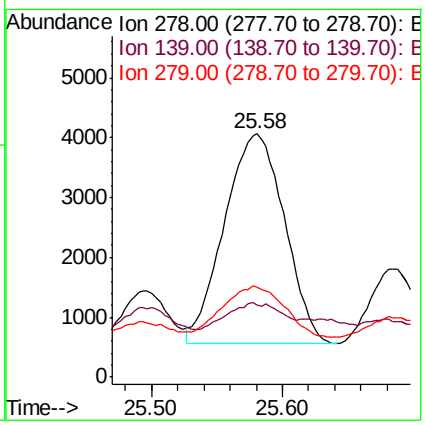


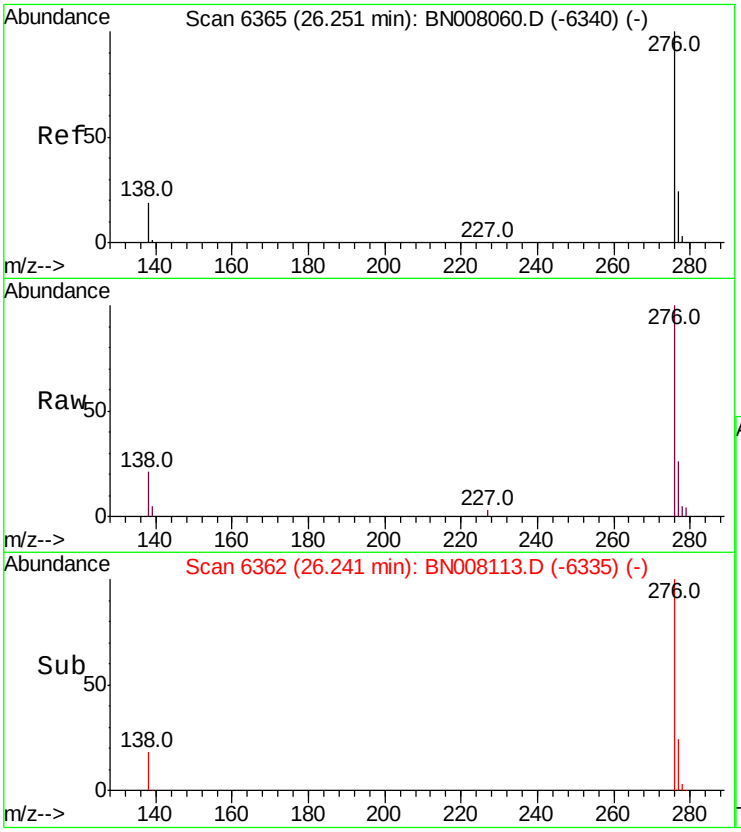


#25
Dibenzo(a,h)anthracene
Concen: 0.187 ng/ul
RT: 25.58 min Scan# 6165
Delta R.T. -0.02 min
Lab File: BN008113.D
Acq: 12 Oct 2019 15:21

Tgt Ion:278 Resp: 11162

Ion	Ratio	Lower	Upper
278	100		
139	29.7	15.0	22.6#
279	36.9	22.4	33.6#





#26
Benzo(g,h,i)perylene
Concen: 0.702 ng/ul
RT: 26.24 min Scan# 6362
Delta R.T. -0.01 min
Lab File: BN008113.D
Acq: 12 Oct 2019 15:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 48642

Ion	Ratio	Lower	Upper
276	100		
138	21.3	17.0	25.4
277	25.7	20.4	30.6