Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008111.D
Acq On : 12 Oct 2019 14:10
Operator : JU
Sample : K5178-02
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Oct 12 21:40:41 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	2968	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	14351	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	9211	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	1019486	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	18673	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	4621	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	849	0.021	ng/ul#	74
5) 2-Methylnaphthalene	12.07	142	587	0.021	ng/ul	99
7) Acenaphthylene	13.98	152	3743	0.085	ng/ul#	93
8) Acenaphthene	14.32	153	2032	0.060	ng/ul	97
9) Fluorene	15.31	166	2771	0.072	ng/ul#	97
21) Benzo(b)fluoranthene	22.75	252	339816	5.590	ng/ul	92
22) Benzo(k)fluoranthene	22.75	252	339816	4.935	ng/ul#	93
23) Benzo(a)pyrene	23.31	252	147521	2.306	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.58	276	106010	1.407	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.58	278	20791	0.349	ng/ul#	91
26) Benzo(g,h,i)perylene	26.24	276	103145	1.493	ng/ul	99

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

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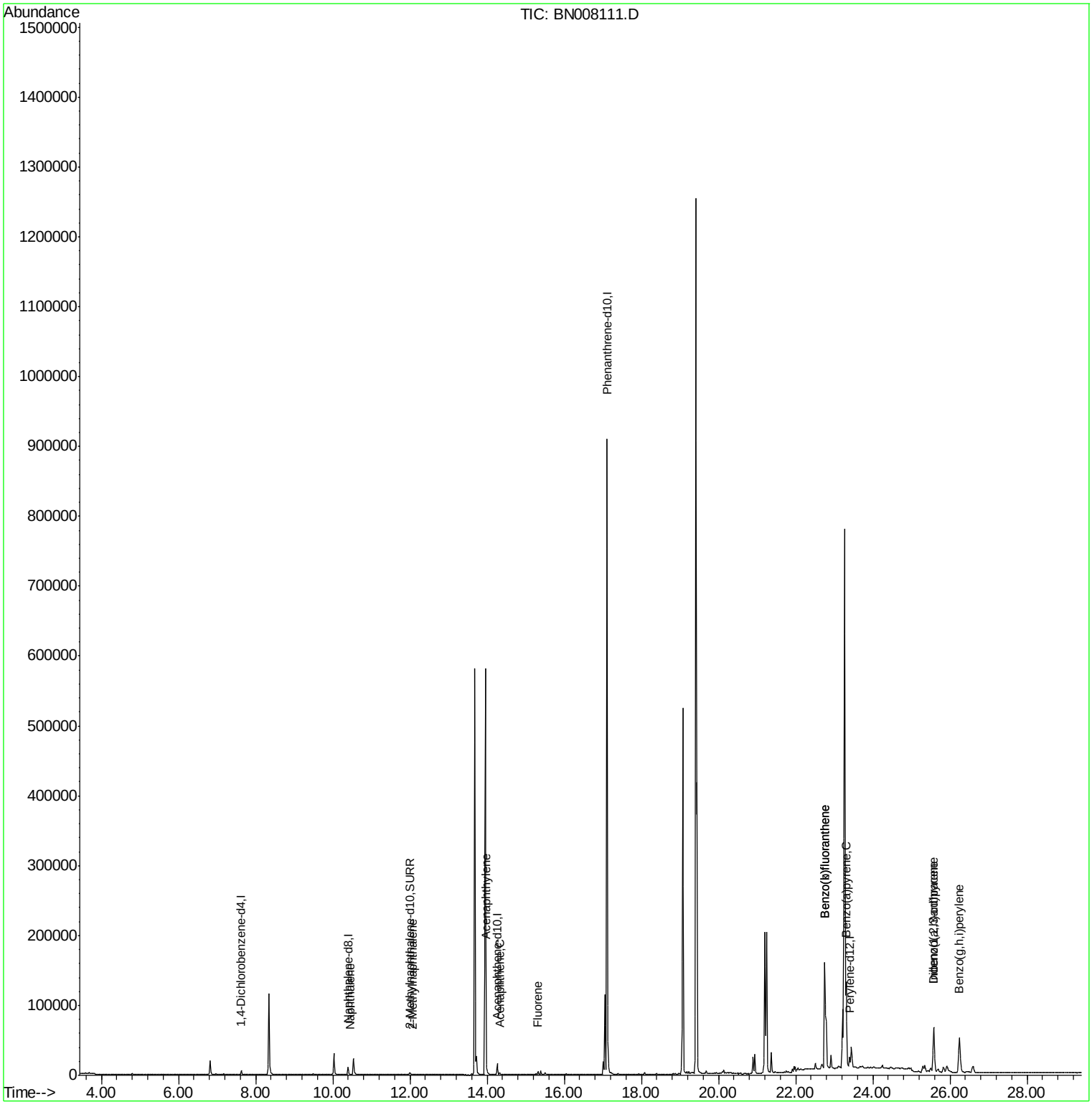
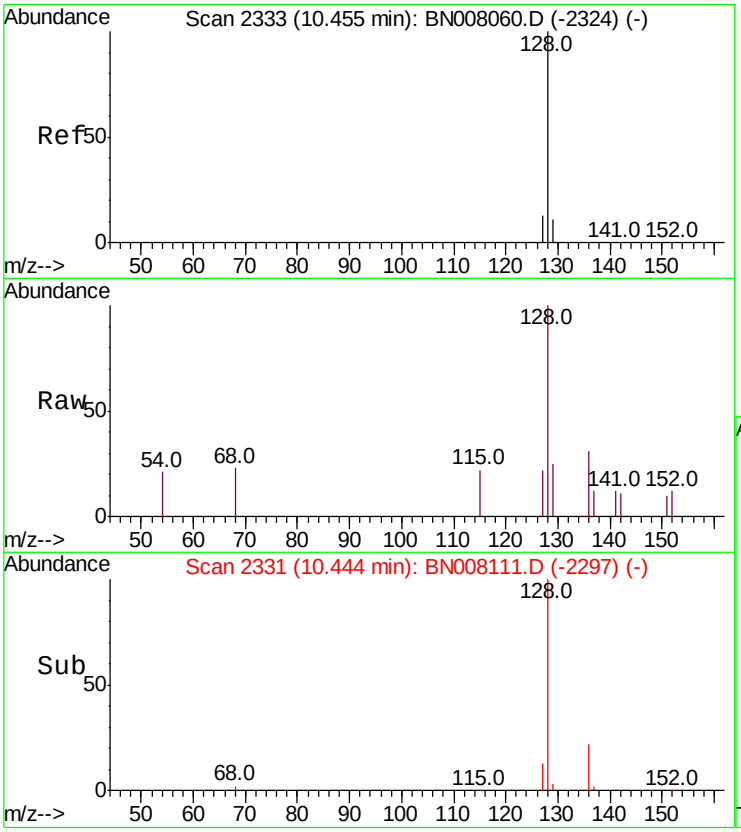


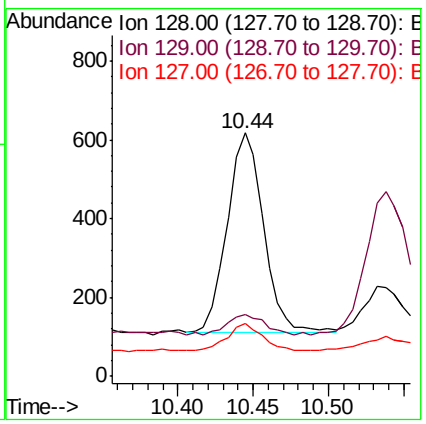


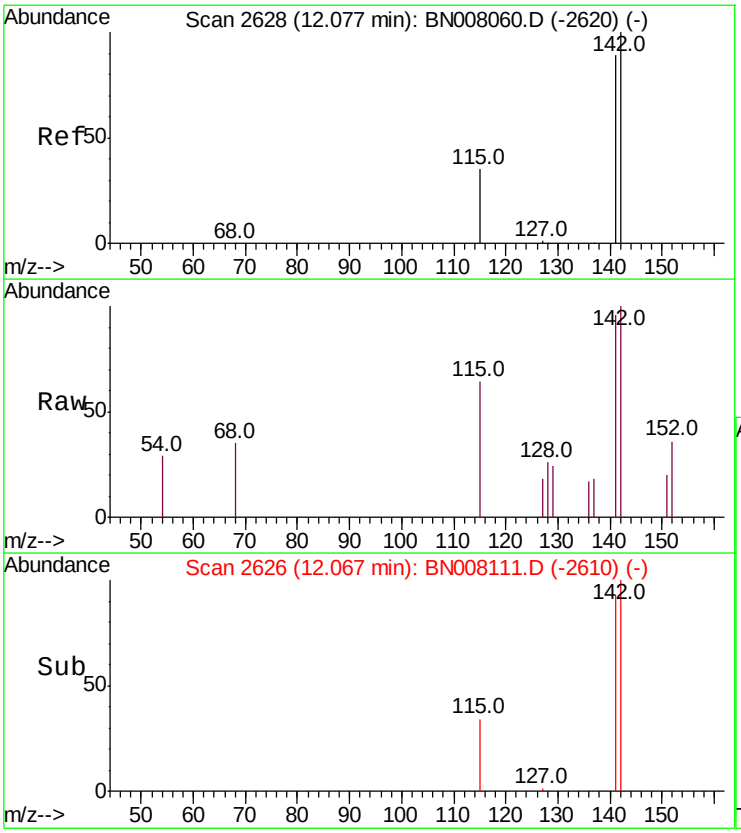
#3
Naphthalene
Concen: 0.021 ng/ul
RT: 10.44 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BN008111.D
Acq: 12 Oct 2019 14:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 849

Ion	Ratio	Lower	Upper
128	100		
129	25.4	9.8	14.8#
127	21.8	11.1	16.7#

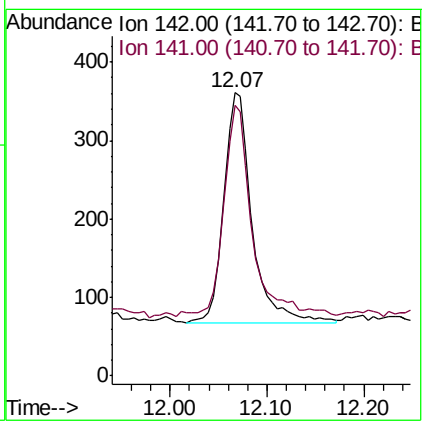


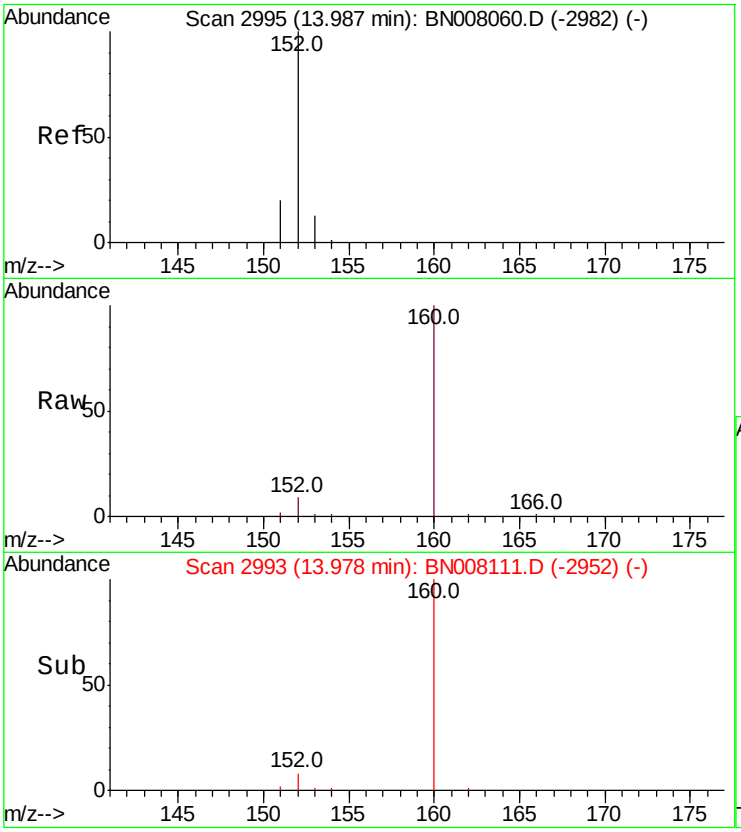


#5
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.07 min Scan# 2626
Delta R.T. -0.01 min
Lab File: BN008111.D
Acq: 12 Oct 2019 14:10

Tgt Ion:142 Resp: 587

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.4	107.2



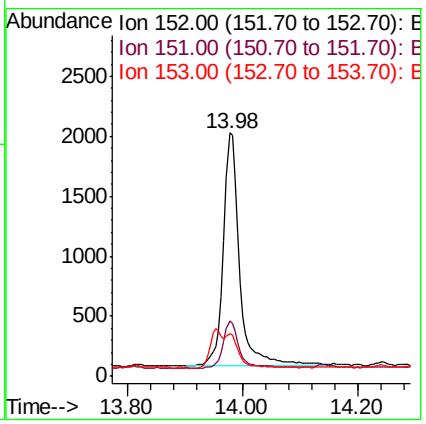


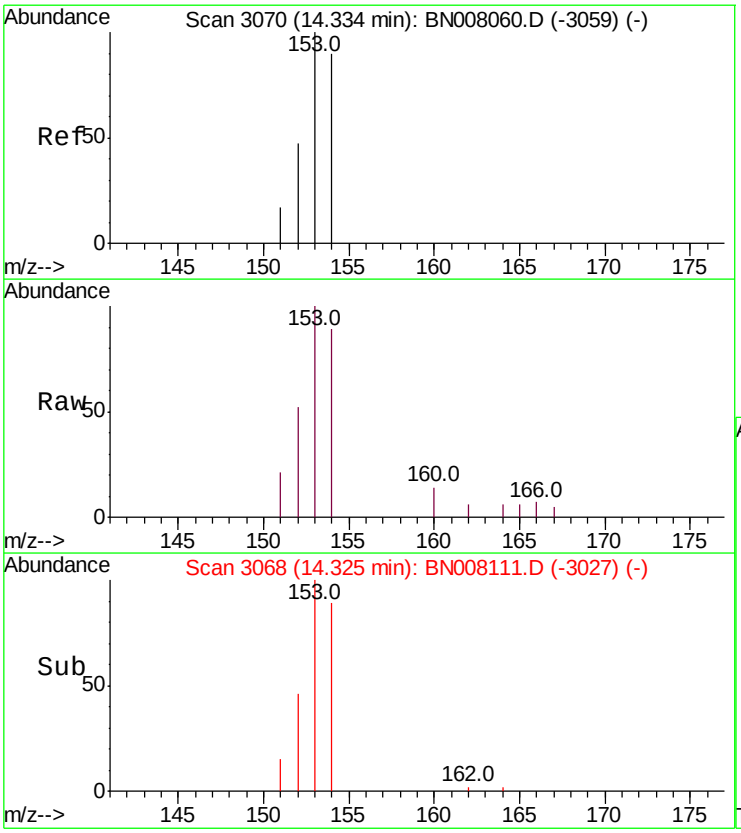
#7
Acenaphthylene
Concen: 0.085 ng/ul
RT: 13.98 min Scan# 2993
Delta R.T. -0.01 min
Lab File: BN008111.D
Acq: 12 Oct 2019 14:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3743

Ion	Ratio	Lower	Upper
152	100		
151	22.7	16.2	24.4
153	17.3	11.0	16.4#

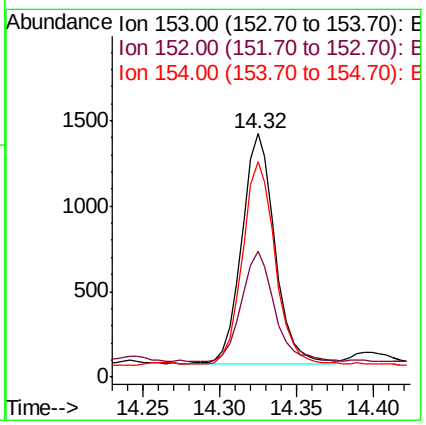


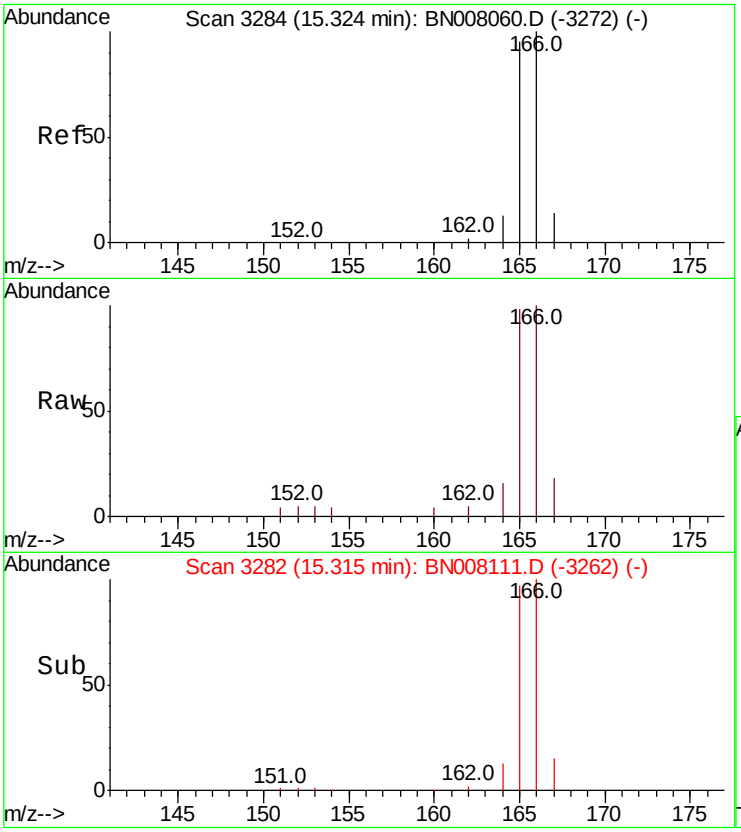


#8
Acenaphthene
Concen: 0.060 ng/ul
RT: 14.32 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BN008111.D
Acq: 12 Oct 2019 14:10

Tgt Ion:153 Resp: 2032

Ion	Ratio	Lower	Upper
153	100		
152	51.6	38.2	57.2
154	88.8	71.8	107.8



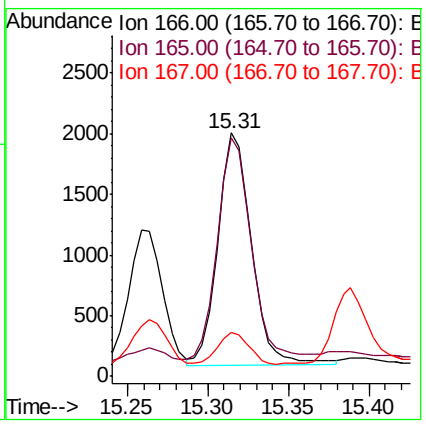


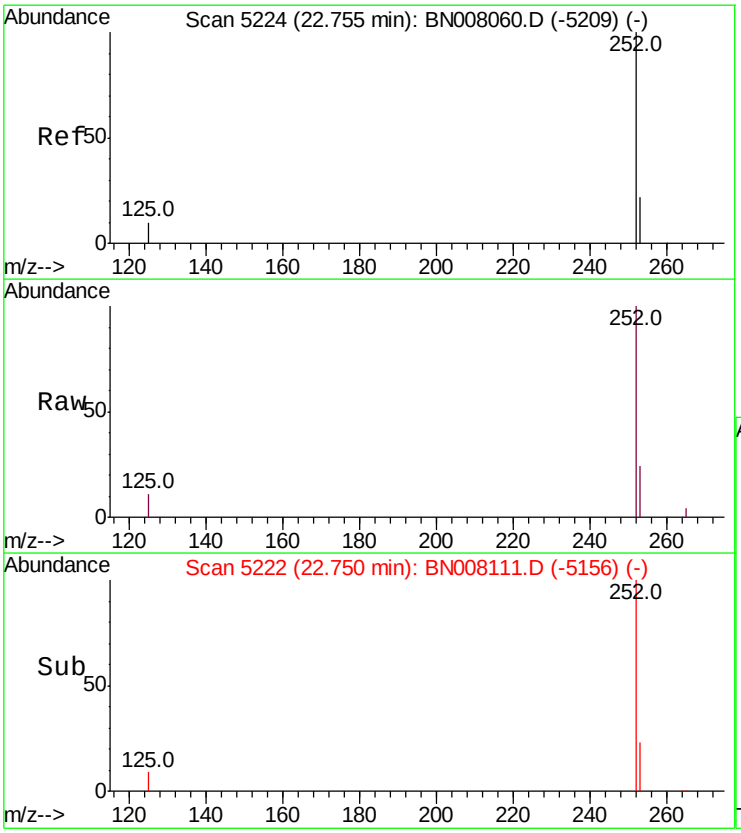
#9
Fluorene
Concen: 0.072 ng/ul
RT: 15.31 min Scan# 3282
Delta R.T. -0.01 min
Lab File: BN008111.D
Acq: 12 Oct 2019 14:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 2771

Ion	Ratio	Lower	Upper
166	100		
165	98.0	76.6	115.0
167	18.3	11.7	17.5#

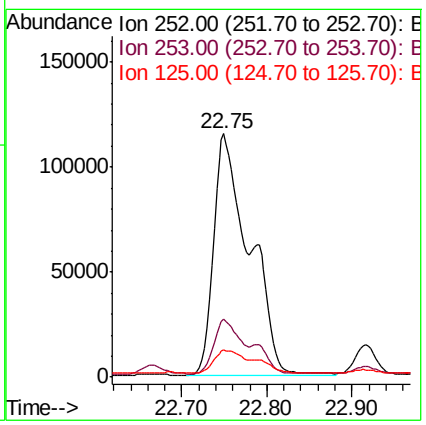


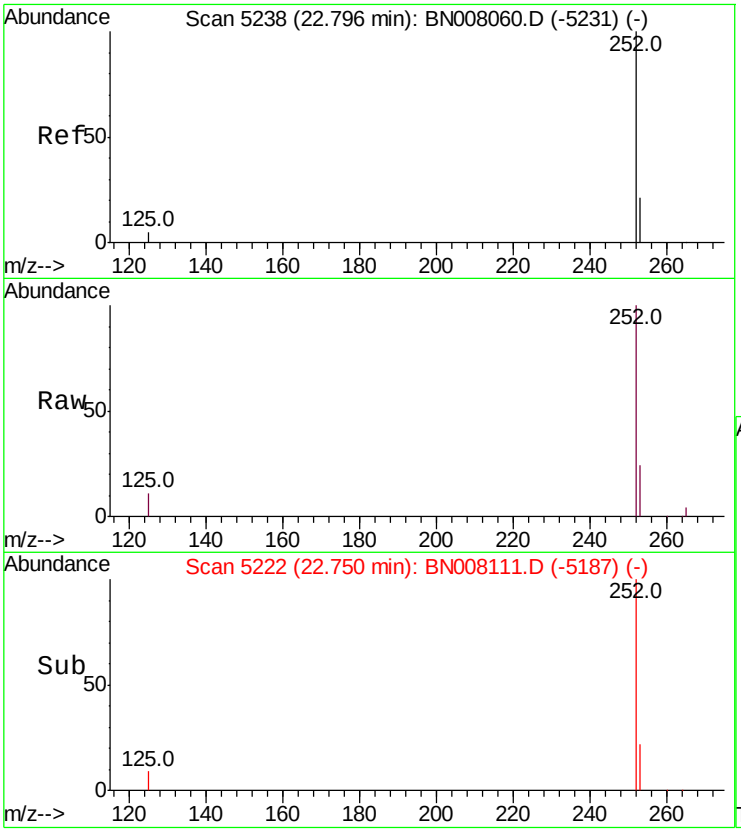


#21
Benzo(b)fluoranthene
Concen: 5.590 ng/ul
RT: 22.75 min Scan# 5222
Delta R.T. -0.01 min
Lab File: BN008111.D
Acq: 12 Oct 2019 14:10

Tgt Ion:252 Resp: 339816

Ion	Ratio	Lower	Upper
252	100		
253	23.7	0.0	53.4
125	11.0	0.0	32.4



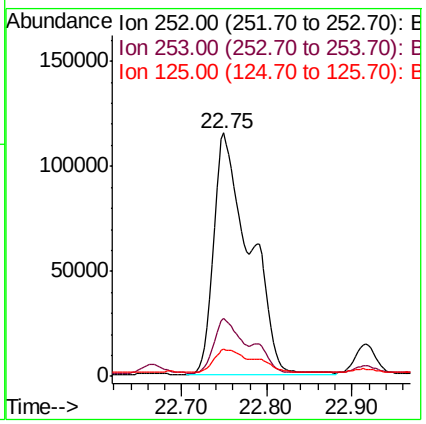


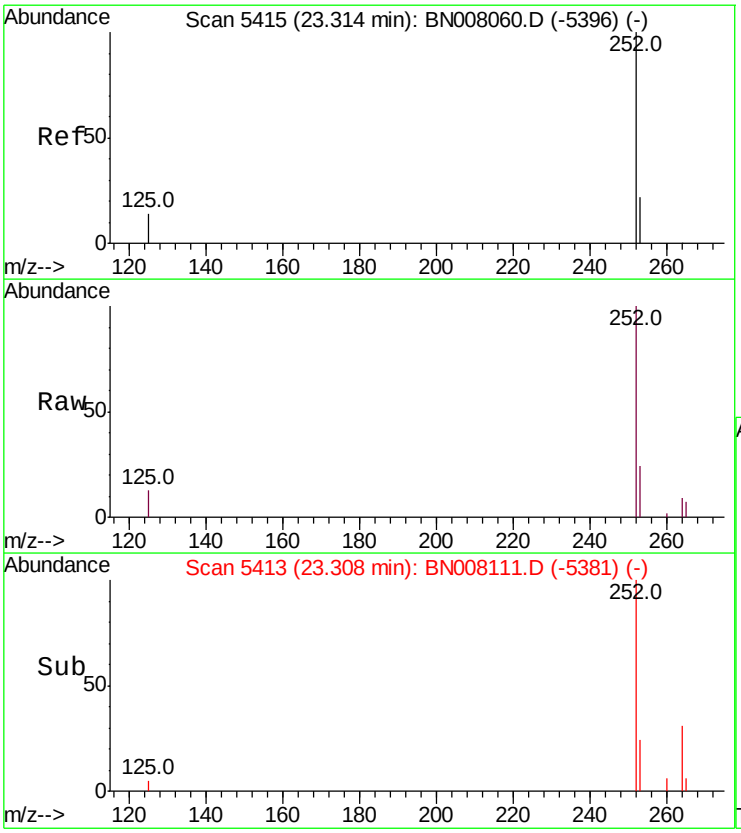
#22
Benzo(k)fluoranthene
Concen: 4.935 ng/ul
RT: 22.75 min Scan# 5222
Delta R.T. -0.05 min
Lab File: BN008111.D
Acq: 12 Oct 2019 14:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 339816

Ion	Ratio	Lower	Upper
252	100		
253	23.7	21.3	31.9
125	11.0	12.3	18.5#

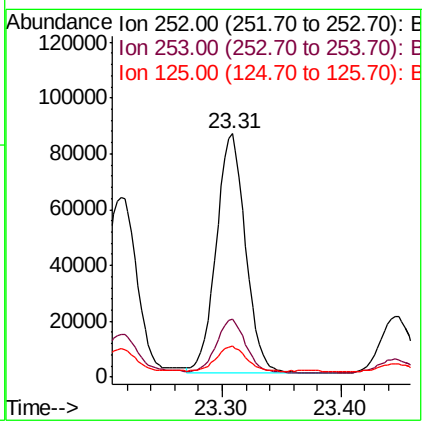


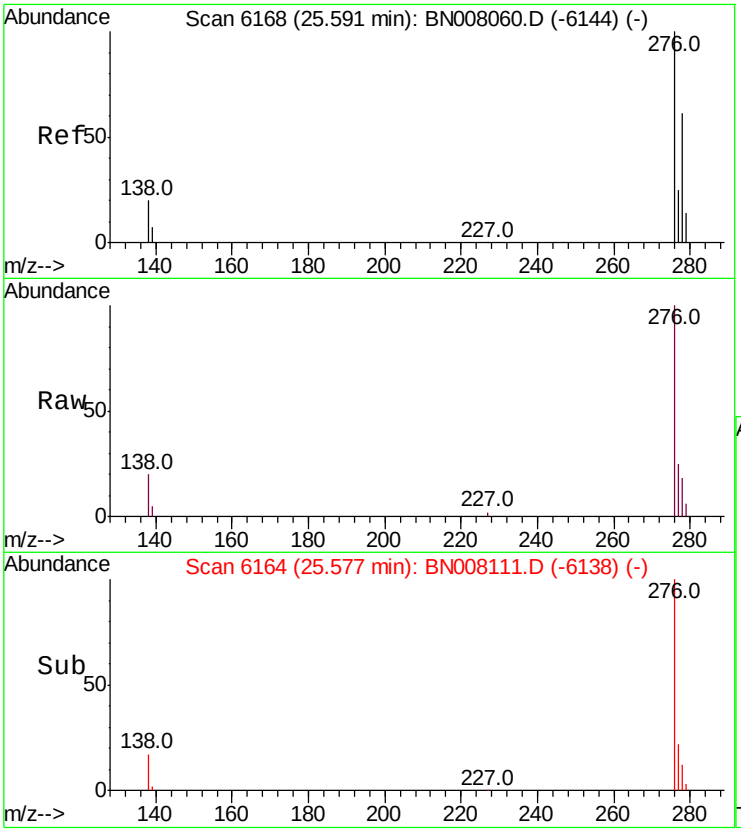


#23
Benzo(a)pyrene
Concen: 2.306 ng/ul
RT: 23.31 min Scan# 5413
Delta R.T. -0.01 min
Lab File: BN008111.D
Acq: 12 Oct 2019 14:10

Tgt Ion:252 Resp: 147521

Ion	Ratio	Lower	Upper
252	100		
253	23.6	22.8	34.2
125	12.7	18.4	27.6#



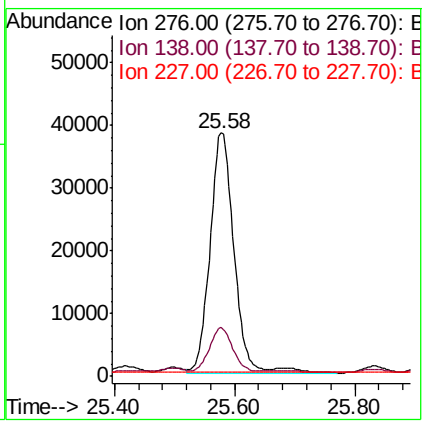


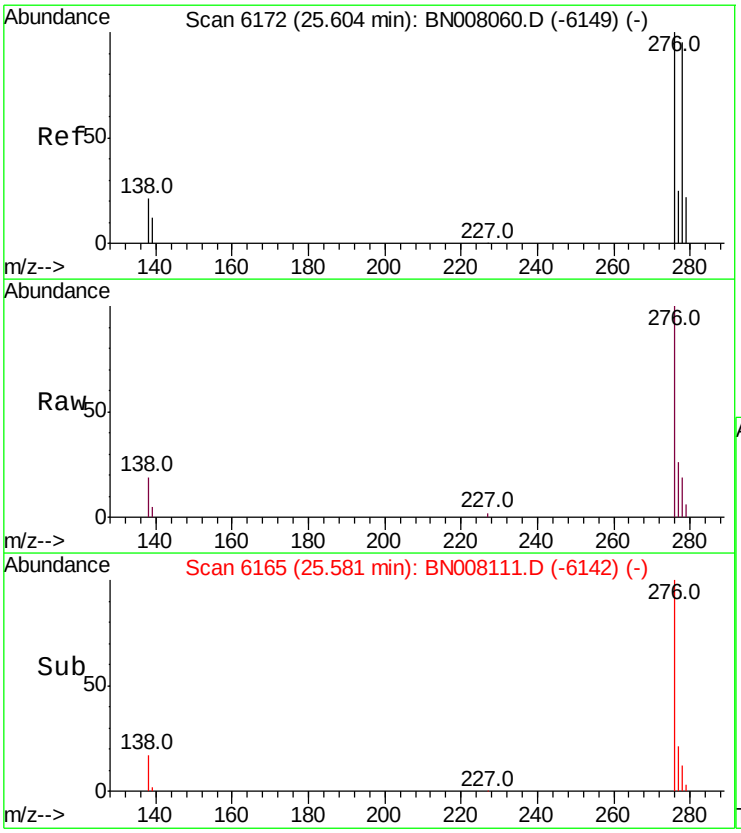
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.407 ng/ul
RT: 25.58 min Scan# 6164
Delta R.T. -0.01 min
Lab File: BN008111.D
Acq: 12 Oct 2019 14:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 106010

Ion	Ratio	Lower	Upper
276	100		
138	17.3	16.1	24.1
227	0.1	0.2	0.2#

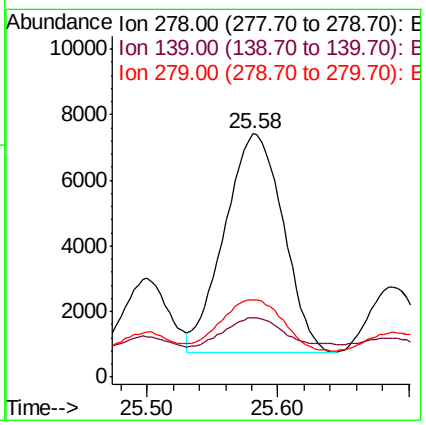


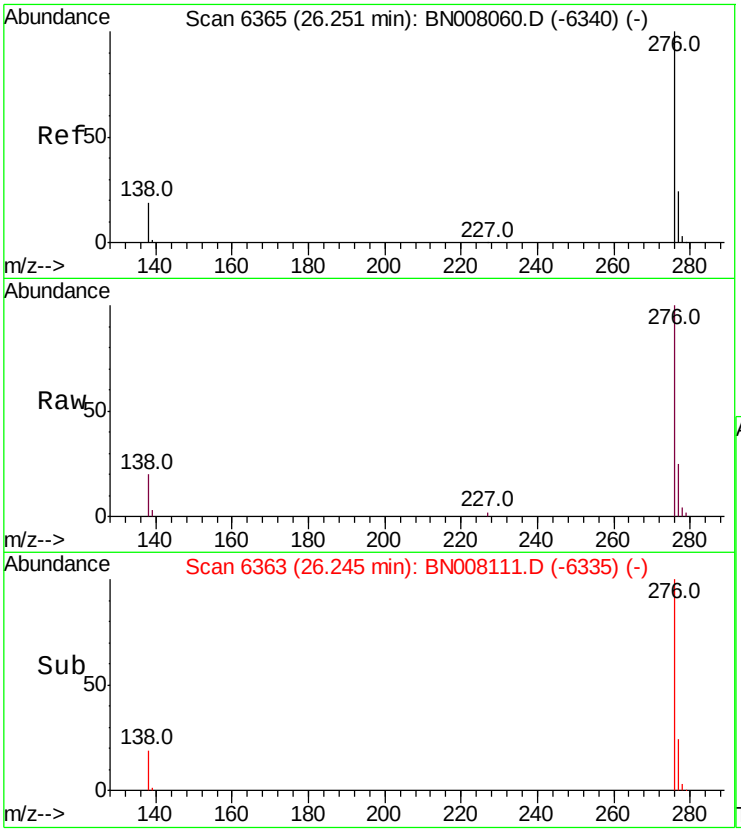


#25
Dibenzo(a,h)anthracene
Concen: 0.349 ng/ul
RT: 25.58 min Scan# 6165
Delta R.T. -0.02 min
Lab File: BN008111.D
Acq: 12 Oct 2019 14:10

Tgt Ion:278 Resp: 20791

Ion	Ratio	Lower	Upper
278	100		
139	24.2	15.0	22.6#
279	31.9	22.4	33.6





#26
Benzo(g,h,i)perylene
Concen: 1.493 ng/ul
RT: 26.24 min Scan# 6363
Delta R.T. -0.01 min
Lab File: BN008111.D
Acq: 12 Oct 2019 14:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 103145

Ion	Ratio	Lower	Upper
276	100		
138	20.4	17.0	25.4
277	24.9	20.4	30.6