Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
Data File : BN008288.D
Acq On : 21 Oct 2019 18:15
Operator : JU
Sample : K5178-10DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 22 11:04:40 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 : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : BEPF3DL

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1846	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	8774	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	5557	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	12016	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	12146	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	12028	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	942	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	3211	0.08	ng/ul	0.00
Target Compounds						Qvalue
5) 2-Methylnaphthalene	12.03	142	5871	0.343	ng/ul	99
7) Acenaphthylene	13.94	152	8866	0.335	ng/ul	98
8) Acenaphthene	14.28	153	9054	0.440	ng/ul	97
9) Fluorene	15.28	166	9215	0.394	ng/ul	96
11) Pentachlorophenol	16.64	266	109	0.038	ng/ul#	79
12) Phenanthrene	17.01	178	185438	5.271	ng/ul	99
13) Anthracene	17.10	178	32000	1.034	ng/ul	100
15) Fluoranthene	19.04	202	324469	6.983	ng/ul	97
17) Pyrene	19.40	202	383614	7.932	ng/ul	99
18) Benzo(a)anthracene	21.16	228	218433	4.947	ng/ul	98
19) Chrysene	21.22	228	233201	4.303	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	241876m	6.177	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	71329m	1.608	ng/ul	
23) Benzo(a)pyrene	23.26	252	179733	4.362	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.51	276	89064	1.835	ng/ul	98
25) Dibenzo(a,h)anthracene	25.51	278	25160	0.656	ng/ul	99
26) Benzo(g,h,i)perylene	26.16	276	91675	2.060	ng/ul	98

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

Quantitation Report (QT Reviewed)

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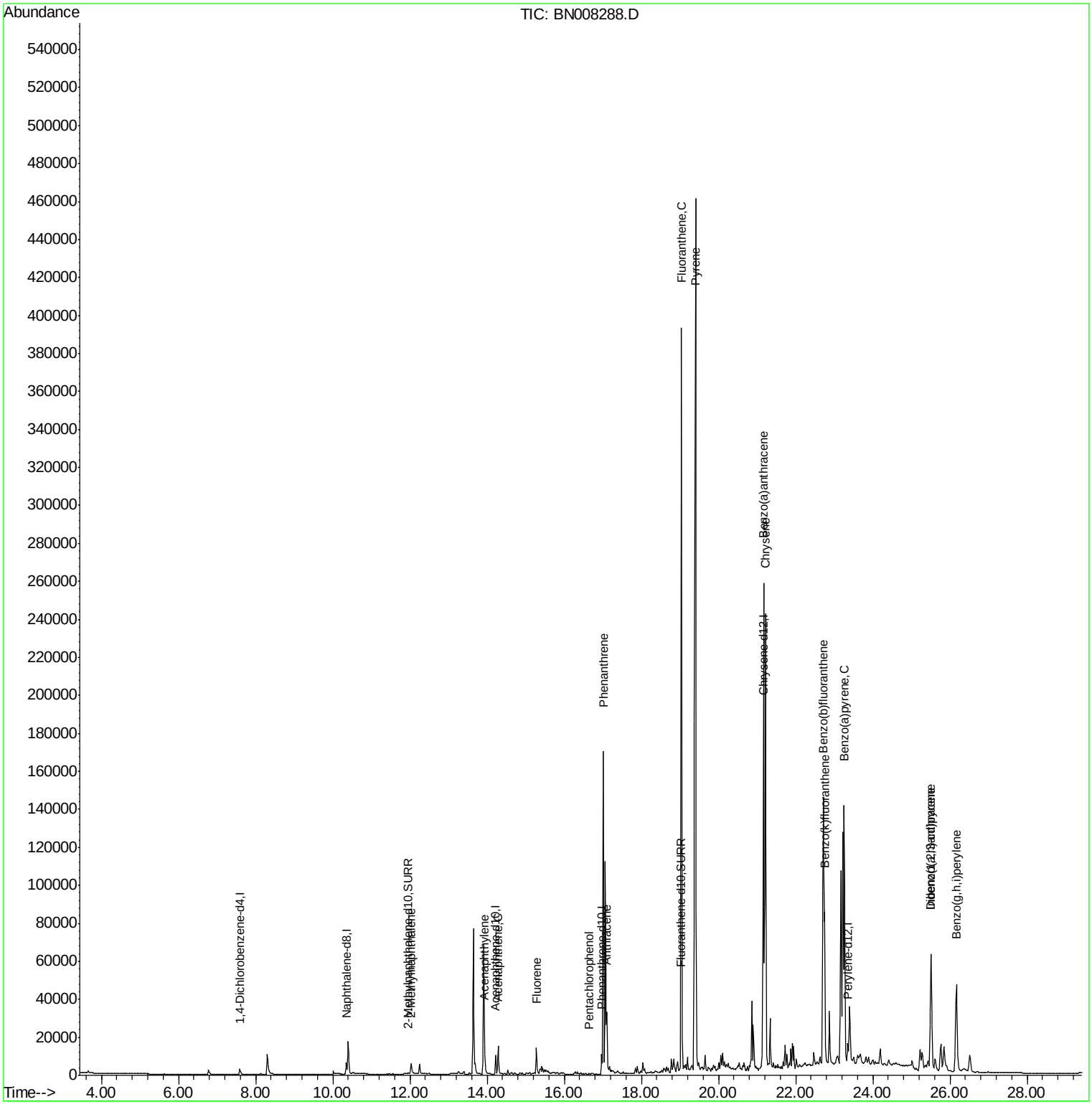

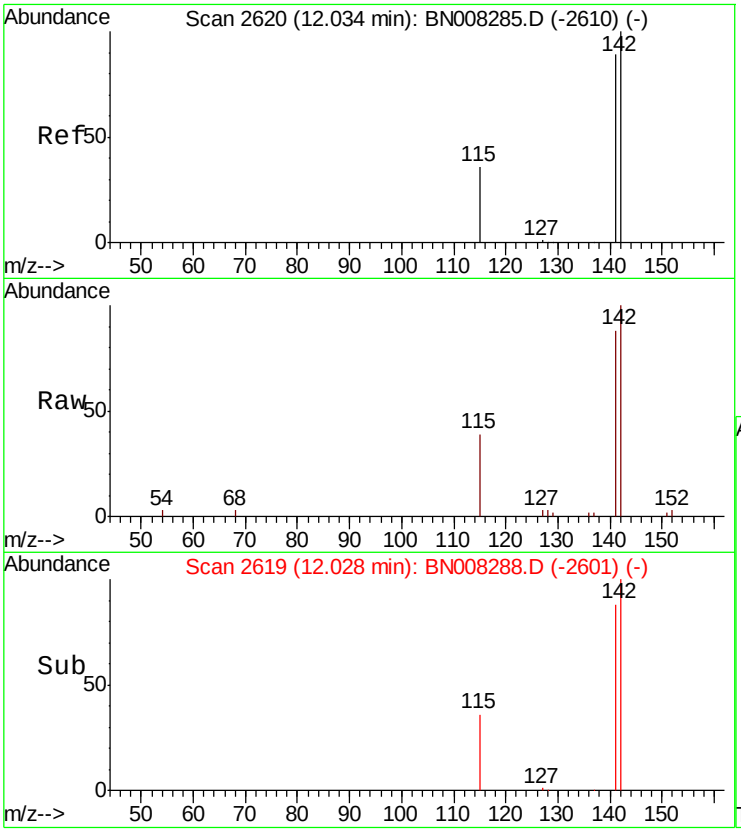

#5
2-Methylnaphthalene
Concen: 0.343 ng/ul
RT: 12.03 min Scan# 2619
Delta R.T. 0.00 min
Lab File: BN008288.D
Acq: 21 Oct 2019 18:15

Tgt Ion:142 Resp: 5871

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.4	107.2

Instrument :
BNA_N
ClientSampleId :
BEPF3DL

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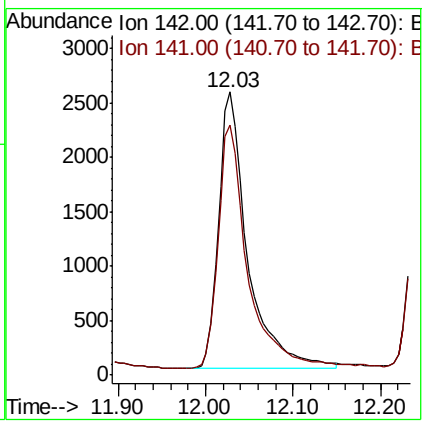
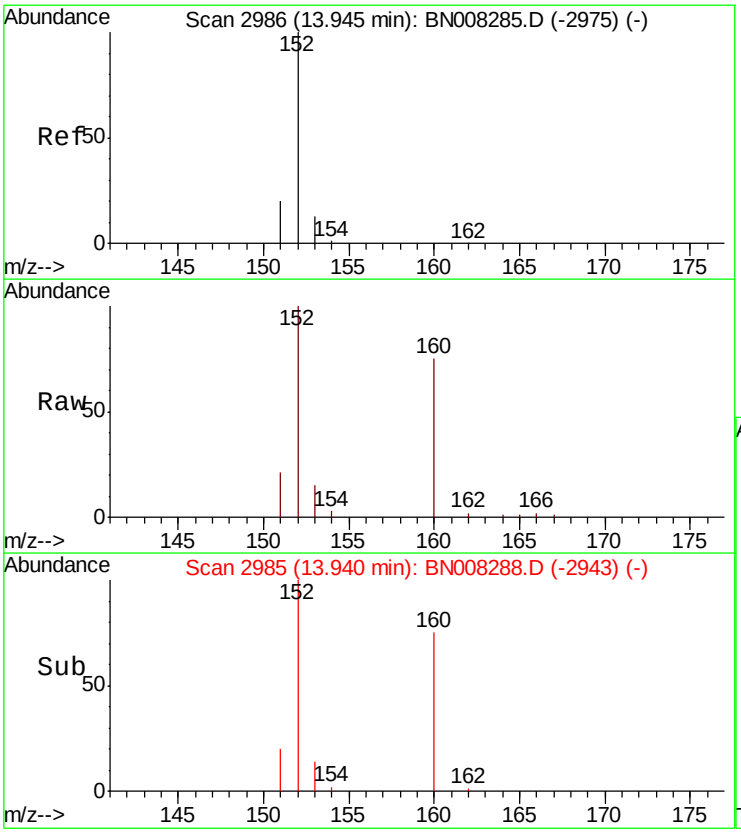
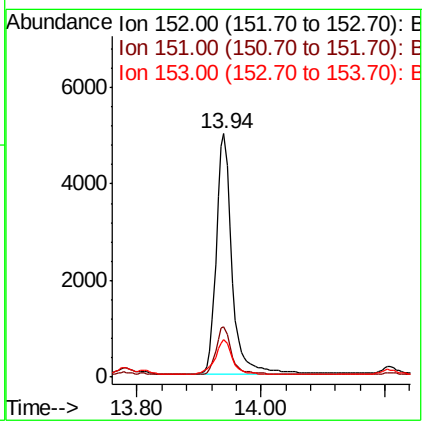


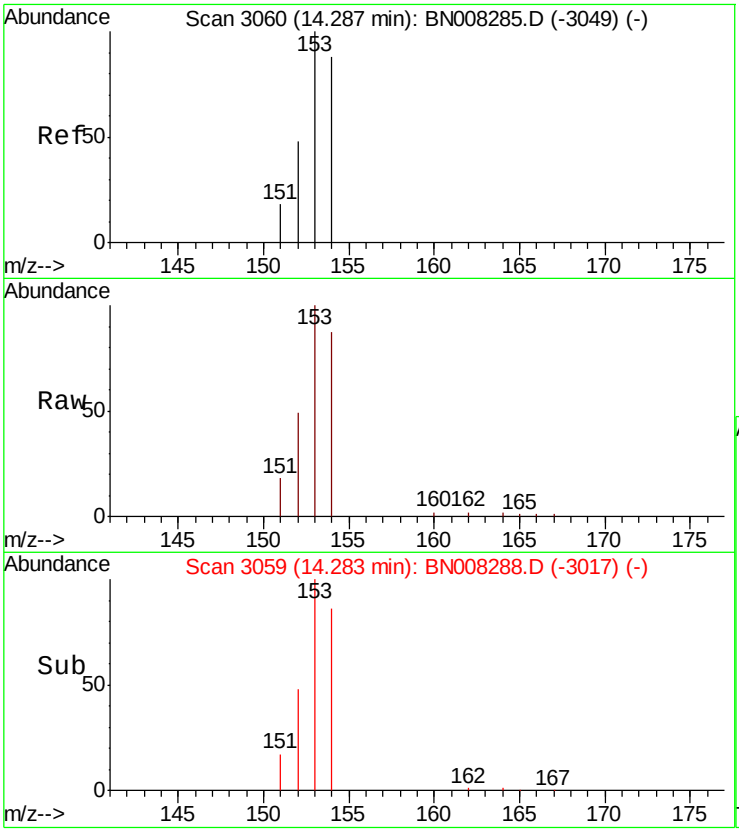


#7
Acenaphthylene
Concen: 0.335 ng/ul
RT: 13.94 min Scan# 2985
Delta R.T. -0.00 min
Lab File: BN008288.D
Acq: 21 Oct 2019 18:15

Tgt Ion:152 Resp: 8866

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.2	24.4
153	15.4	11.0	16.4

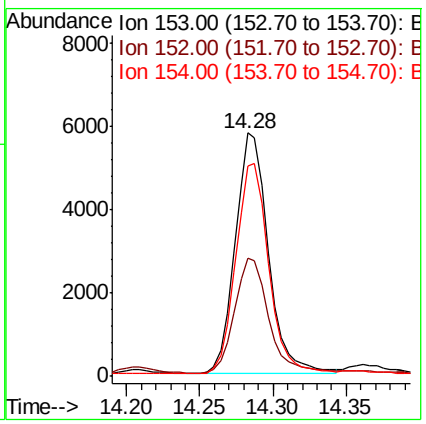




#8
Acenaphthene
Concen: 0.440 ng/ul
RT: 14.28 min Scan# 3059
Delta R.T. -0.00 min
Lab File: BN008288.D
Acq: 21 Oct 2019 18:15

Tgt Ion:153 Resp: 9054

Ion	Ratio	Lower	Upper
153	100		
152	48.7	38.2	57.2
154	86.6	71.8	107.8



Instrument :
BNA_N
ClientSampleId :
BEPF3DL

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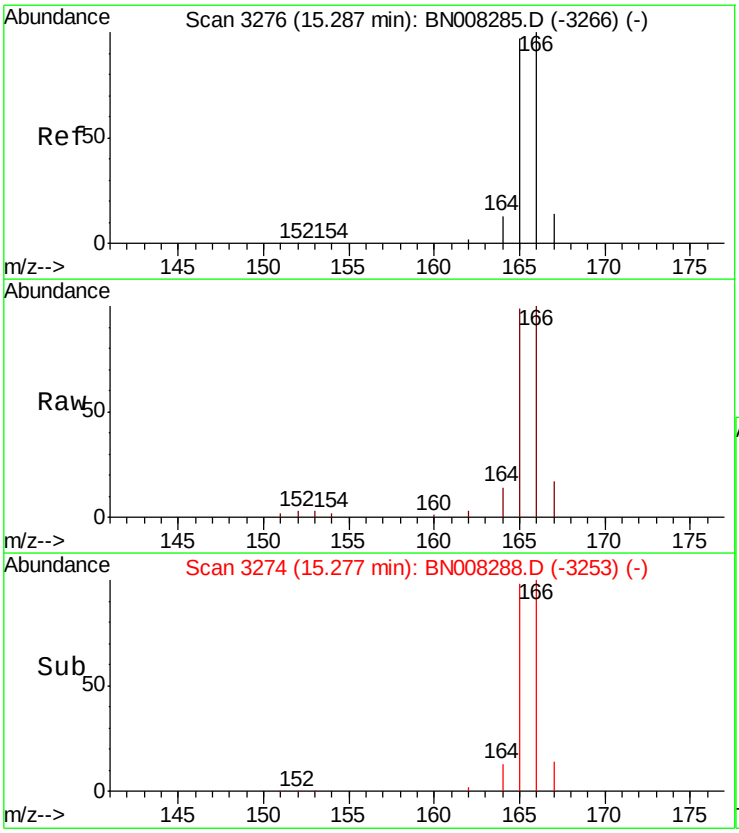
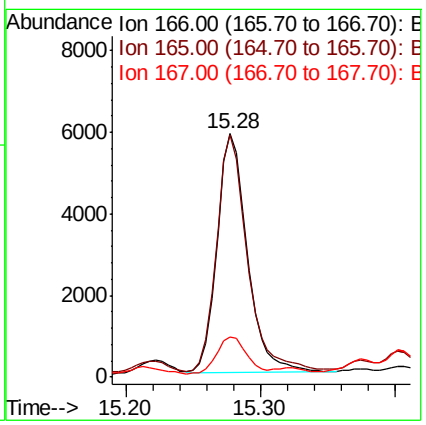
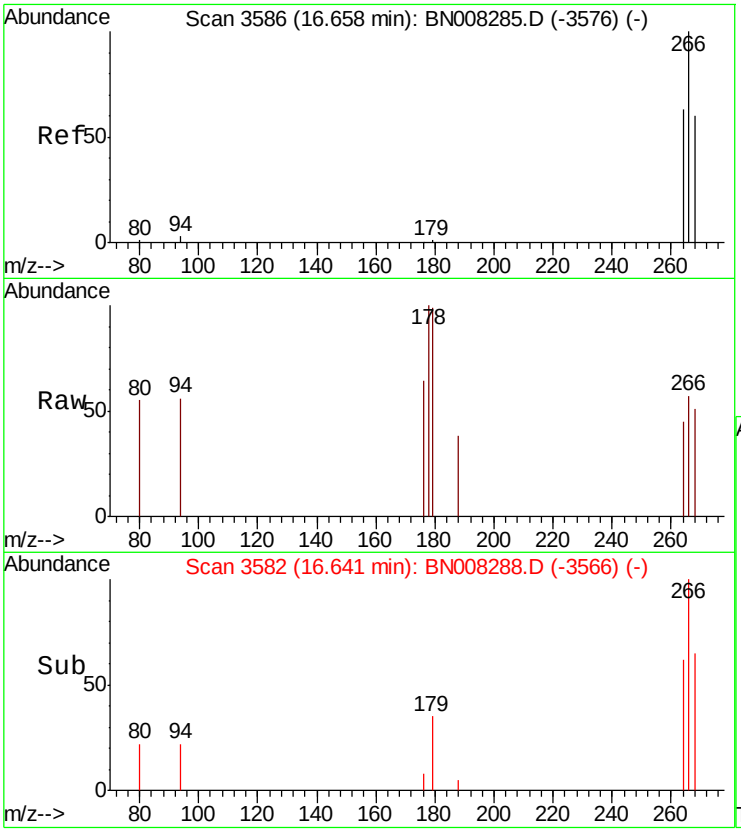


#9
Fluorene
Concen: 0.394 ng/ul
RT: 15.28 min Scan# 3274
Delta R.T. -0.00 min
Lab File: BN008288.D
Acq: 21 Oct 2019 18:15

Tgt Ion:166 Resp: 9215

Ion	Ratio	Lower	Upper
166	100		
165	99.4	76.6	115.0
167	16.6	11.7	17.5

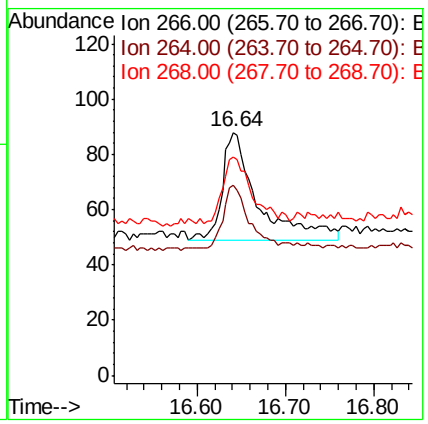




#11
Pentachlorophenol
Concen: 0.038 ng/ul
RT: 16.64 min Scan# 3582
Delta R.T. -0.03 min
Lab File: BN008288.D
Acq: 21 Oct 2019 18:15

Tgt Ion:266 Resp: 109

Ion	Ratio	Lower	Upper
266	100		
264	44.0	50.1	75.1#
268	51.4	51.9	77.9#



Instrument :
BNA_N
ClientSampleId :
BEPF3DL

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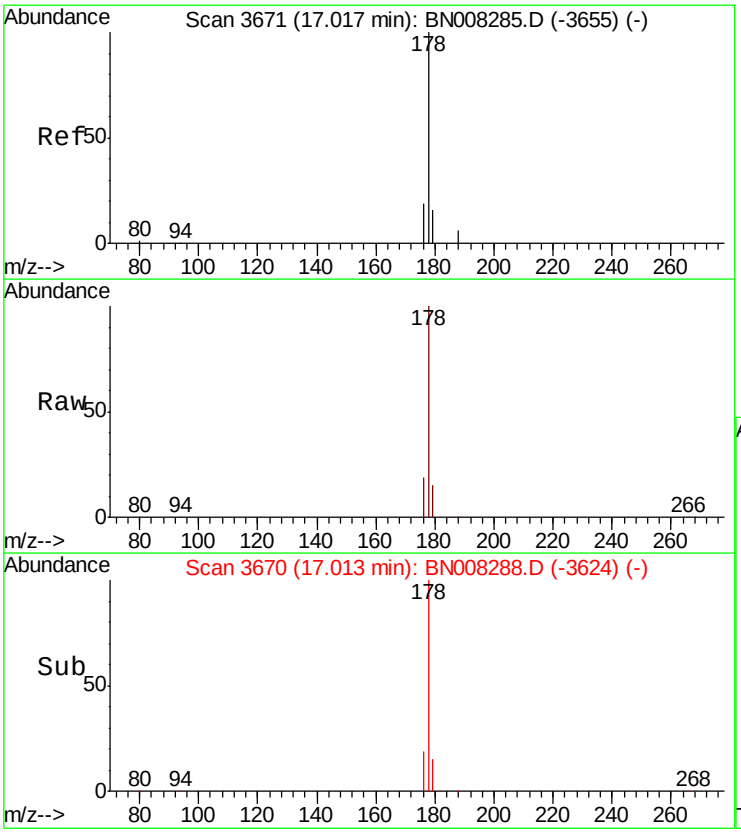
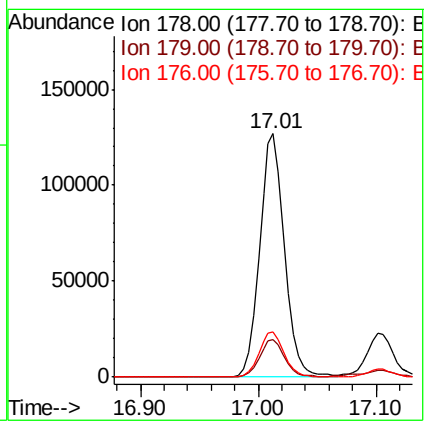
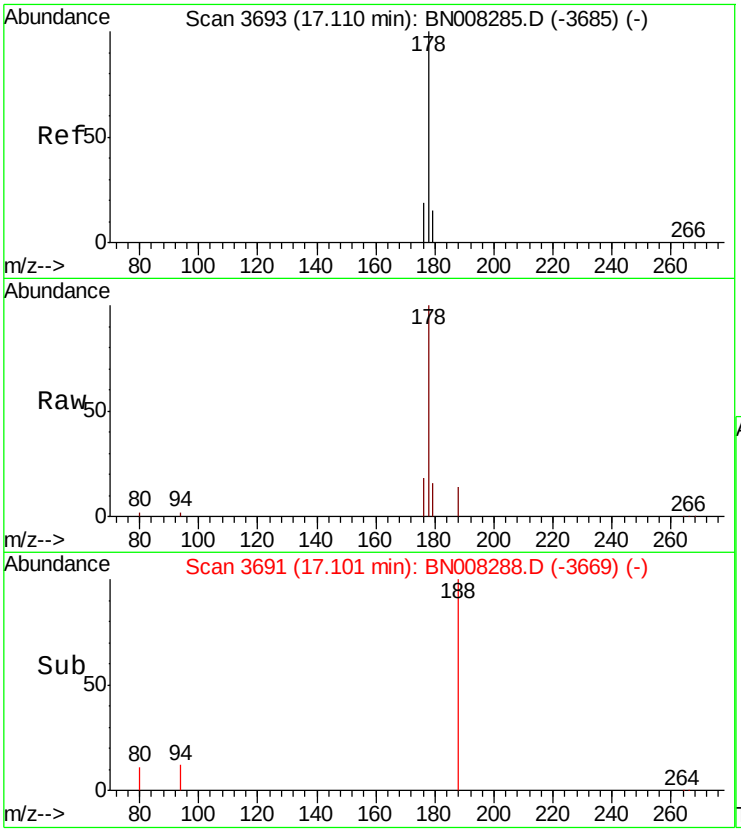


#12
Phenanthrene
Concen: 5.271 ng/ul
RT: 17.01 min Scan# 3670
Delta R.T. -0.00 min
Lab File: BN008288.D
Acq: 21 Oct 2019 18:15

Tgt Ion:178 Resp: 185438

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.8	19.2
176	18.6	15.4	23.2

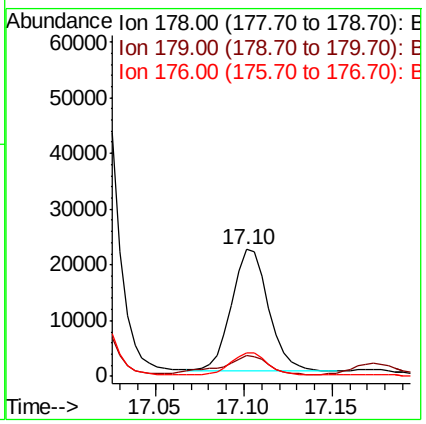




#13
Anthracene
Concen: 1.034 ng/ul
RT: 17.10 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BN008288.D
Acq: 21 Oct 2019 18:15

Tgt Ion:178 Resp: 32000

Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.0	19.6
176	18.5	15.0	22.6



Instrument :
BNA_N
ClientSampleId :
BEPF3DL

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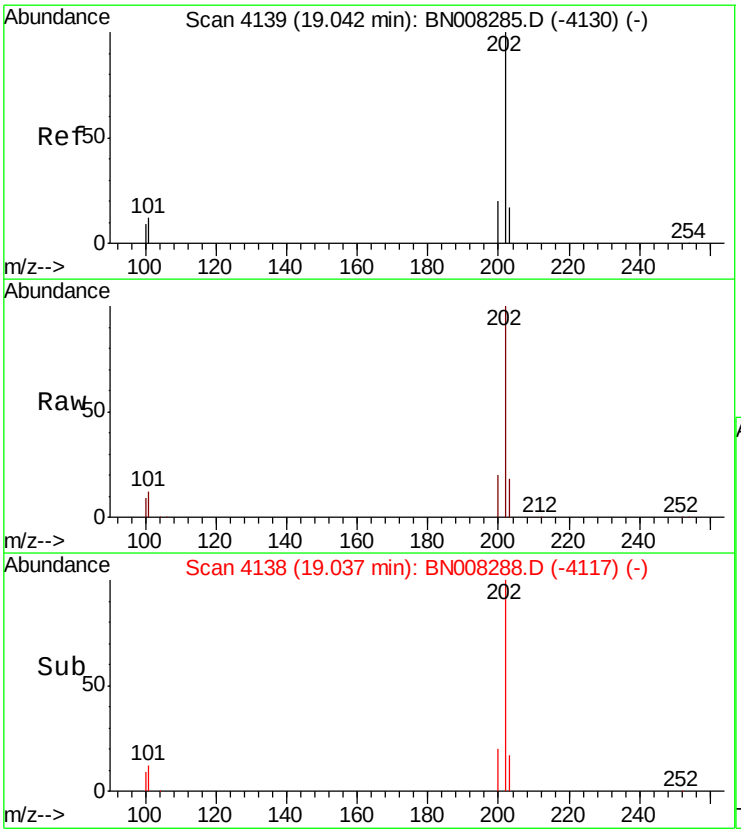
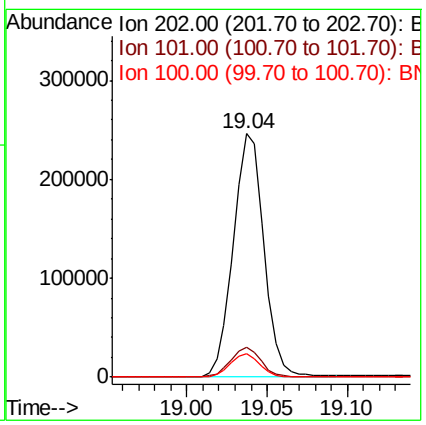
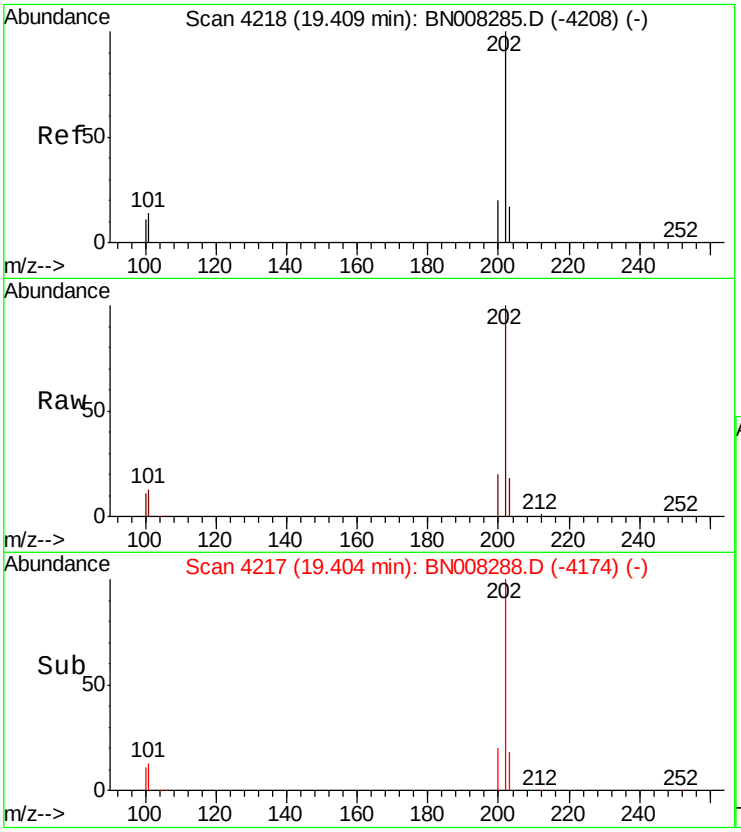


#15
Fluoranthene
Concen: 6.983 ng/ul
RT: 19.04 min Scan# 4138
Delta R.T. -0.00 min
Lab File: BN008288.D
Acq: 21 Oct 2019 18:15

Tgt Ion:202 Resp: 324469

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.2
100	9.4	0.0	28.5





#17
Pyrene
Concen: 7.932 ng/ul
RT: 19.40 min Scan# 4217
Delta R.T. 0.00 min
Lab File: BN008288.D
Acq: 21 Oct 2019 18:15

Tgt Ion:202 Resp: 383614

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.9	16.3
100	10.6	8.7	13.1

Instrument :
BNA_N
ClientSampleId :
BEPF3DL

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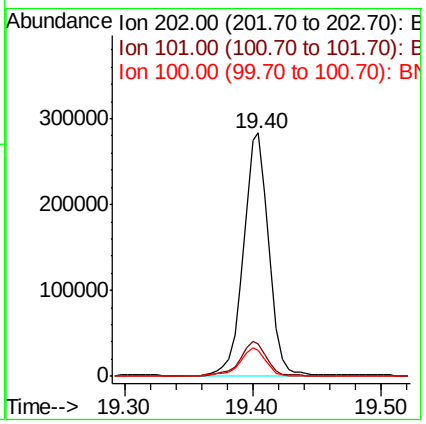
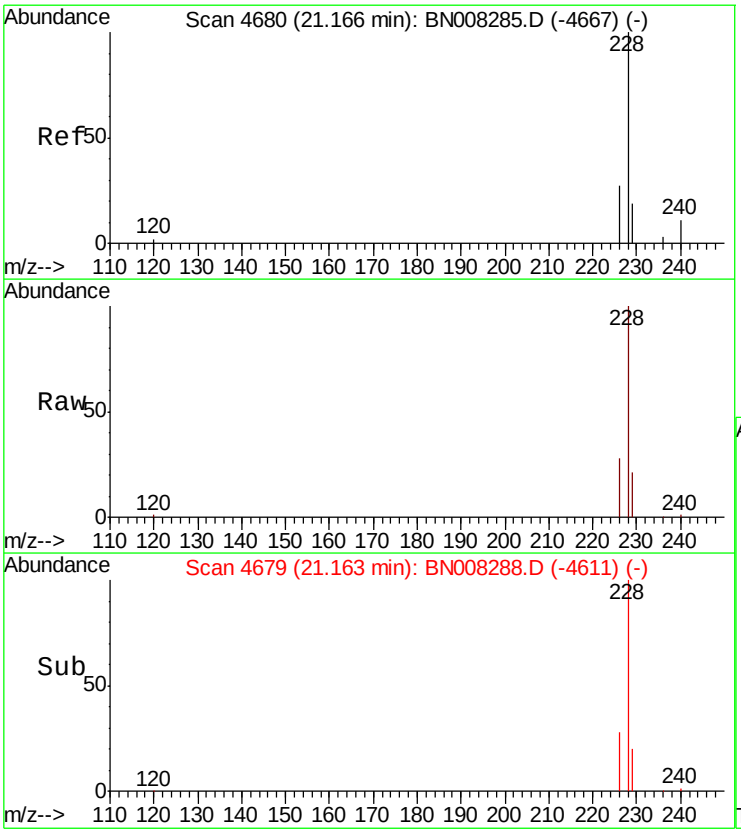
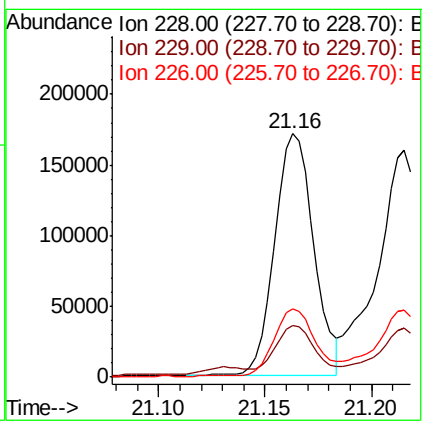


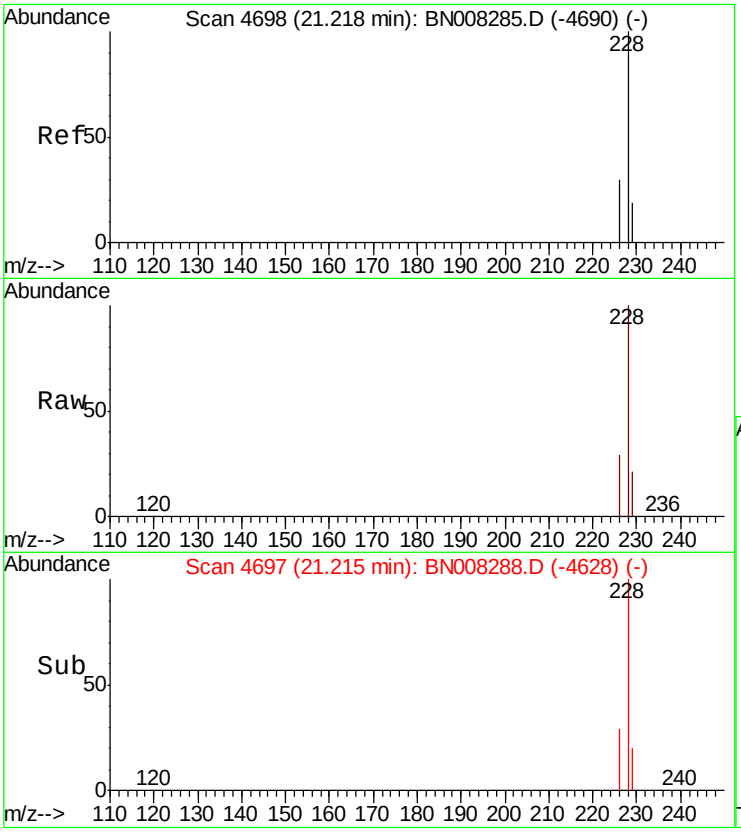


#18
Benzo(a)anthracene
Concen: 4.947 ng/ul
RT: 21.16 min Scan# 4679
Delta R.T. -0.00 min
Lab File: BN008288.D
Acq: 21 Oct 2019 18:15

Tgt Ion:228 Resp: 218433

Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.2	24.2
226	28.0	21.4	32.0

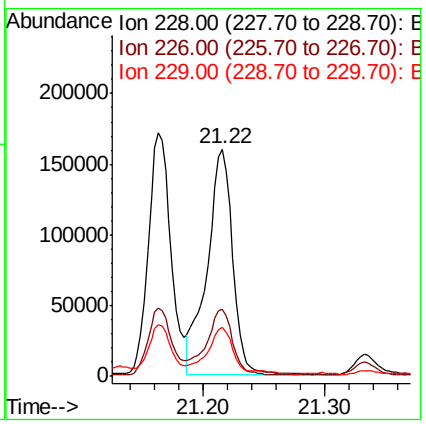




#19
Chrysene
Concen: 4.303 ng/ul
RT: 21.22 min Scan# 4697
Delta R.T. 0.00 min
Lab File: BN008288.D
Acq: 21 Oct 2019 18:15

Tgt Ion:228 Resp: 233201

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.1	36.1
229	21.3	16.2	24.2



Instrument :
BNA_N
ClientSampleId :
BEPF3DL

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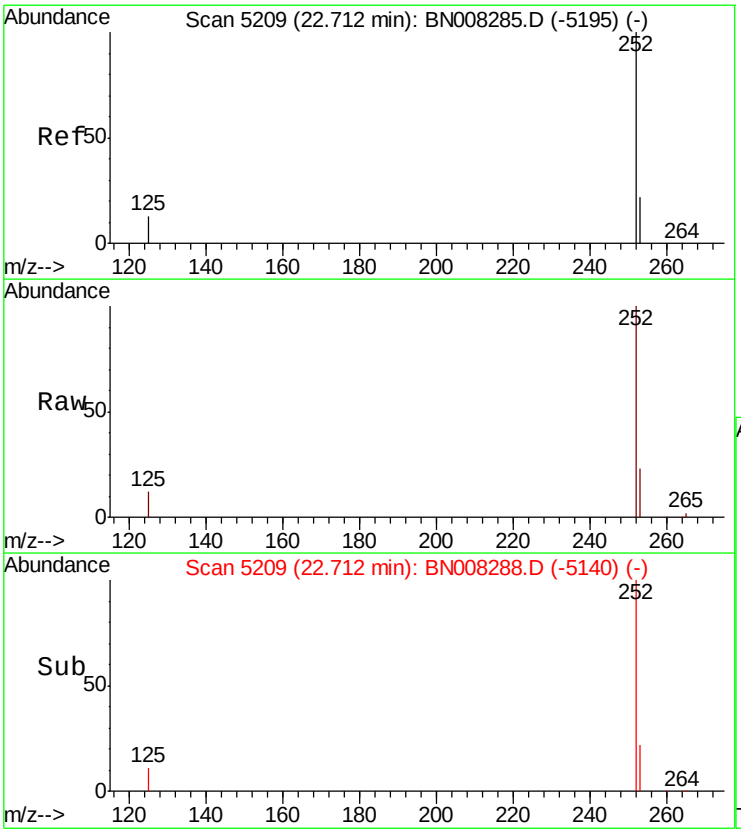
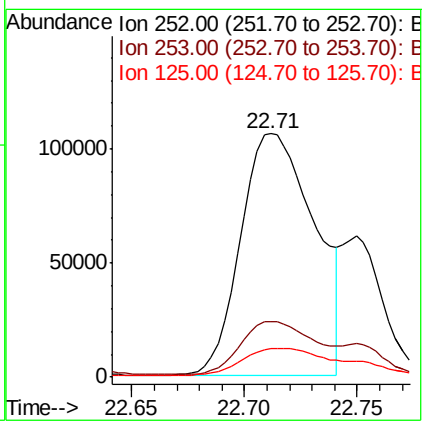
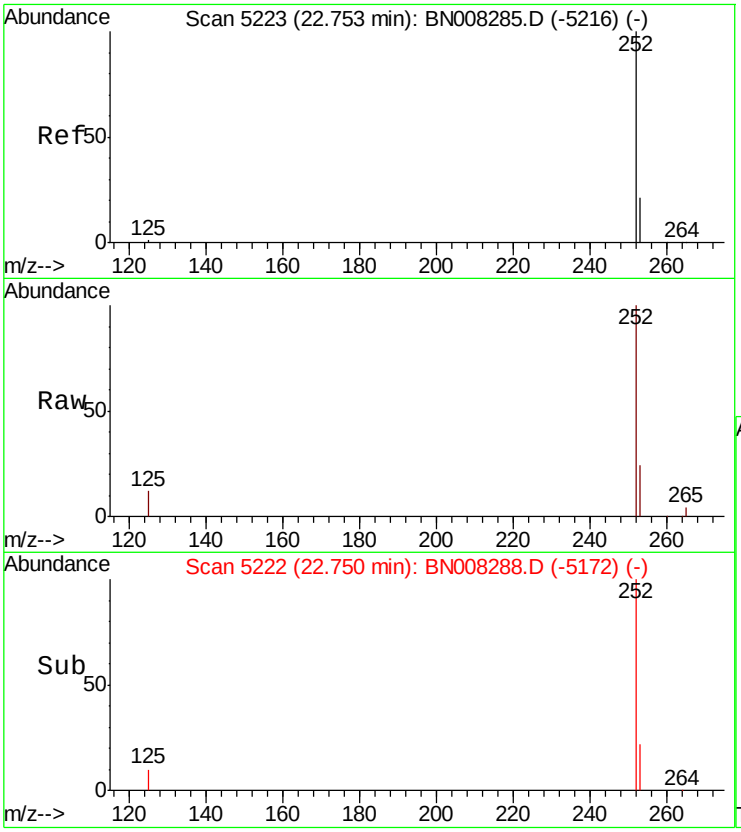


#21
Benzo(b)fluoranthene
Concen: 6.177 ng/ul m
RT: 22.71 min Scan# 5209
Delta R.T. 0.00 min
Lab File: BN008288.D
Acq: 21 Oct 2019 18:15

Tgt Ion:252 Resp: 241876

Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	53.4
125	11.7	0.0	32.4





#22
Benzo(k)fluoranthene
Concen: 1.608 ng/ul m
RT: 22.75 min Scan# 5222
Delta R.T. -0.00 min
Lab File: BN008288.D
Acq: 21 Oct 2019 18:15

Tgt Ion:252 Resp: 71329

Ion	Ratio	Lower	Upper
252	100		
253	23.6	21.3	31.9
125	11.5	12.3	18.5#

Instrument :
BNA_N
ClientSampleId :
BEPF3DL

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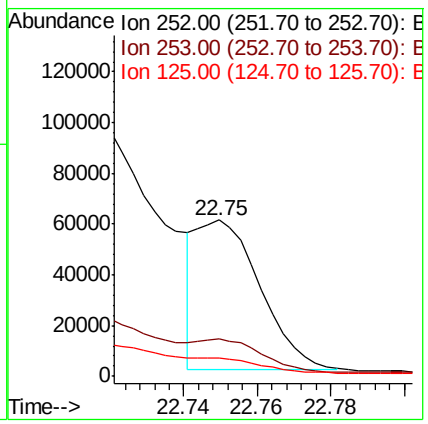
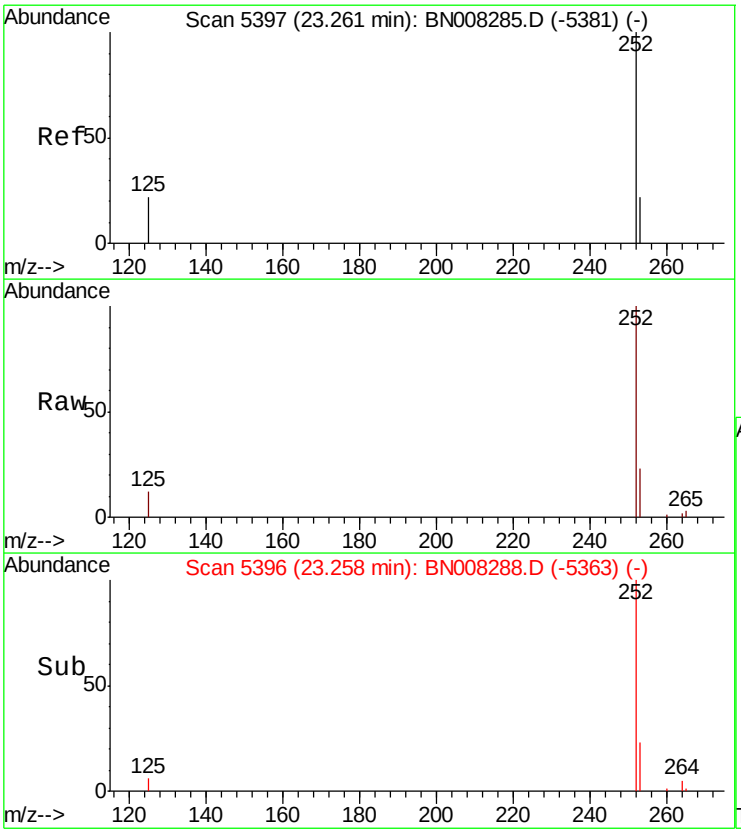
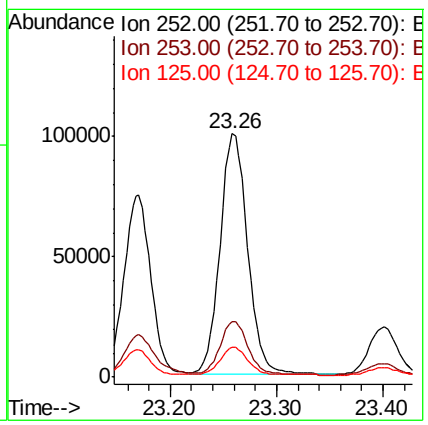


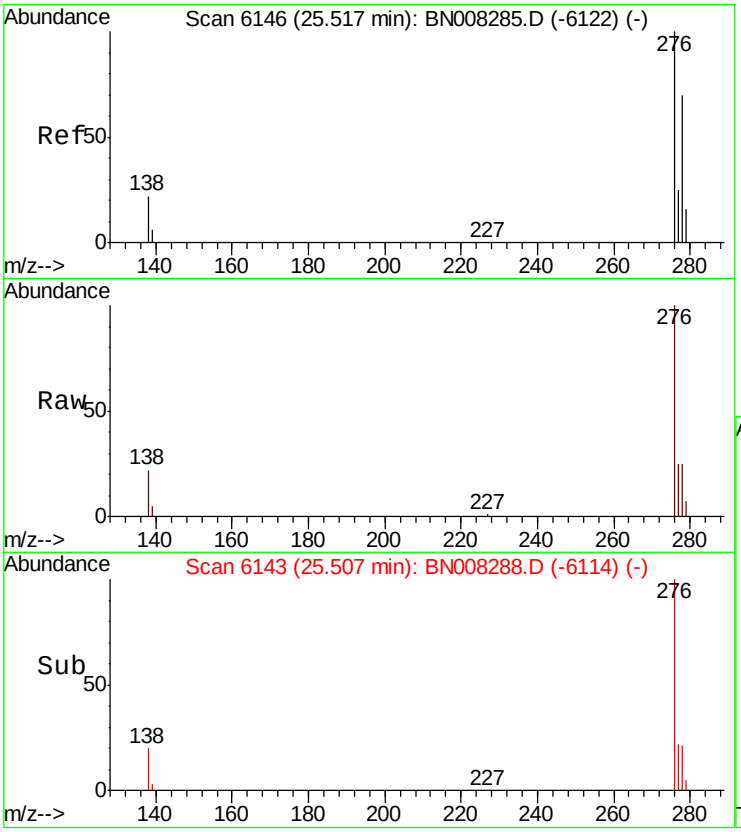


#23
Benzo(a)pyrene
Concen: 4.362 ng/ul
RT: 23.26 min Scan# 5396
Delta R.T. -0.00 min
Lab File: BN008288.D
Acq: 21 Oct 2019 18:15

Tgt Ion:252 Resp: 179733

Ion	Ratio	Lower	Upper
252	100		
253	22.8	22.8	34.2#
125	12.1	18.4	27.6#





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.835 ng/ul
RT: 25.51 min Scan# 6143
Delta R.T. -0.00 min
Lab File: BN008288.D
Acq: 21 Oct 2019 18:15

Tgt Ion:276 Resp: 89064

Ion	Ratio	Lower	Upper
276	100		
138	21.1	16.1	24.1
227	0.2	0.2	0.2

Instrument :
BNA_N
ClientSampleId :
BEPF3DL

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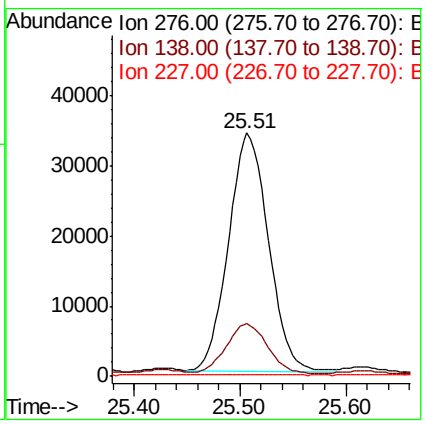
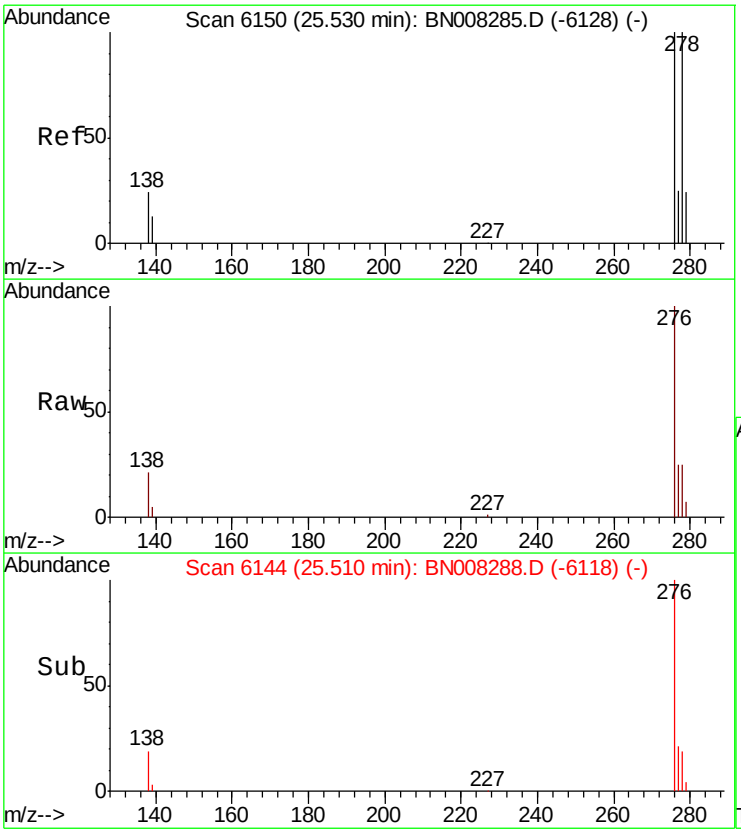
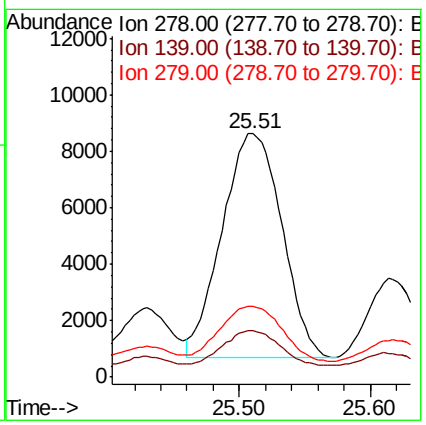


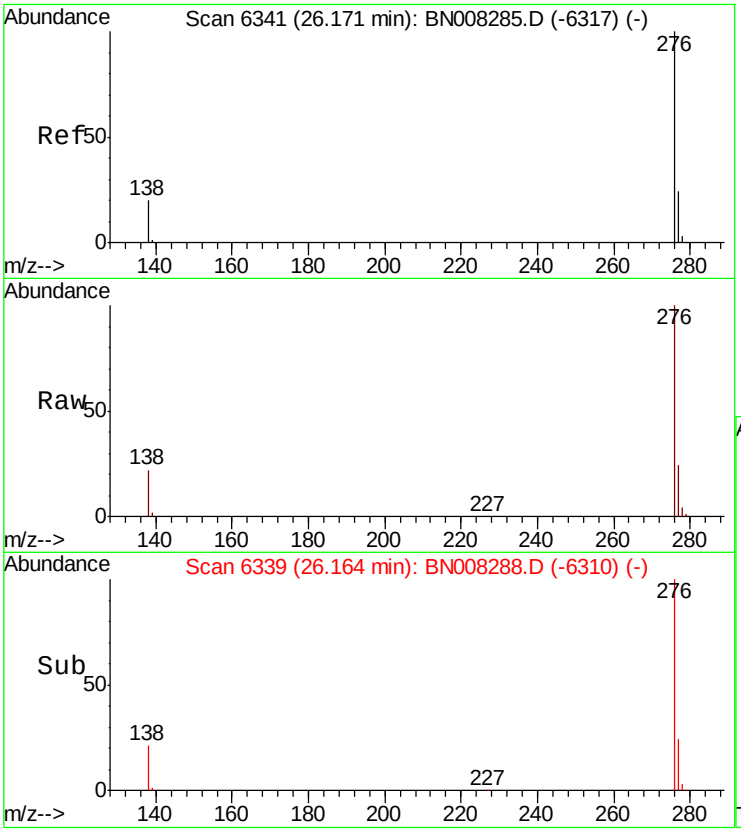


#25
Dibenzo(a,h)anthracene
Concen: 0.656 ng/ul
RT: 25.51 min Scan# 6144
Delta R.T. -0.01 min
Lab File: BN008288.D
Acq: 21 Oct 2019 18:15

Tgt Ion:278 Resp: 25160

Ion	Ratio	Lower	Upper
278	100		
139	18.8	15.0	22.6
279	29.1	22.4	33.6

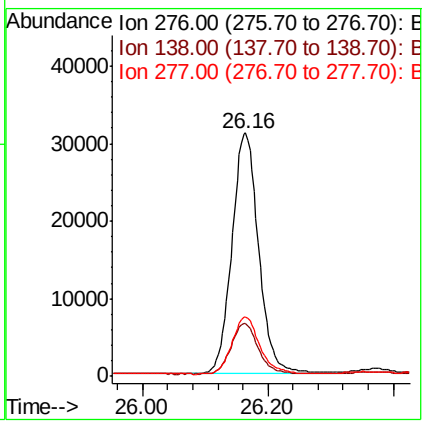




#26
Benzo(g,h,i)perylene
Concen: 2.060 ng/ul
RT: 26.16 min Scan# 6339
Delta R.T. -0.00 min
Lab File: BN008288.D
Acq: 21 Oct 2019 18:15

Tgt Ion:276 Resp: 91675

Ion	Ratio	Lower	Upper
276	100		
138	21.6	17.0	25.4
277	24.4	20.4	30.6



Instrument :
BNA_N
ClientSampleId :
BEPF3DL

Manual Integrations APPROVED
mohammad
10/22/2019 3:27:31 PM