Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008112.D
Acq On : 12 Oct 2019 14:45
Operator : JU
Sample : K5178-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPD2

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:42 AM

Quant Time: Oct 13 03:33:11 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	2434	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	11869	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	7730	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	17965m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	18762m	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	16846m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	4130	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	14081m	0.23	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.44	128	3719	0.110	ng/ul#	95
5) 2-Methylnaphthalene	12.07	142	1917	0.083	ng/ul	99
7) Acenaphthylene	13.98	152	23874	0.648	ng/ul	99
8) Acenaphthene	14.32	153	5139	0.179	ng/ul	98
9) Fluorene	15.31	166	8131	0.250	ng/ul	97
12) Phenanthrene	17.05	178	182096m	3.462	ng/ul	
13) Anthracene	17.14	178	41078m	0.887	ng/ul	
15) Fluoranthene	19.07	202	577917m	8.319	ng/ul	
17) Pyrene	19.44	202	562538	7.530	ng/ul	100
18) Benzo(a)anthracene	21.19	228	358147m	5.250	ng/ul	
19) Chrysene	21.25	228	383366	4.580	ng/ul	98
21) Benzo(b)fluoranthene	22.75	252	446284m	8.138	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	151922m	2.446	ng/ul	
23) Benzo(a)pyrene	23.31	252	308596m	5.348	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.58	276	172605	2.540	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.59	278	44903	0.836	ng/ul	96
26) Benzo(g,h,i)perylene	26.24	276	171342	2.749	ng/ul	97

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

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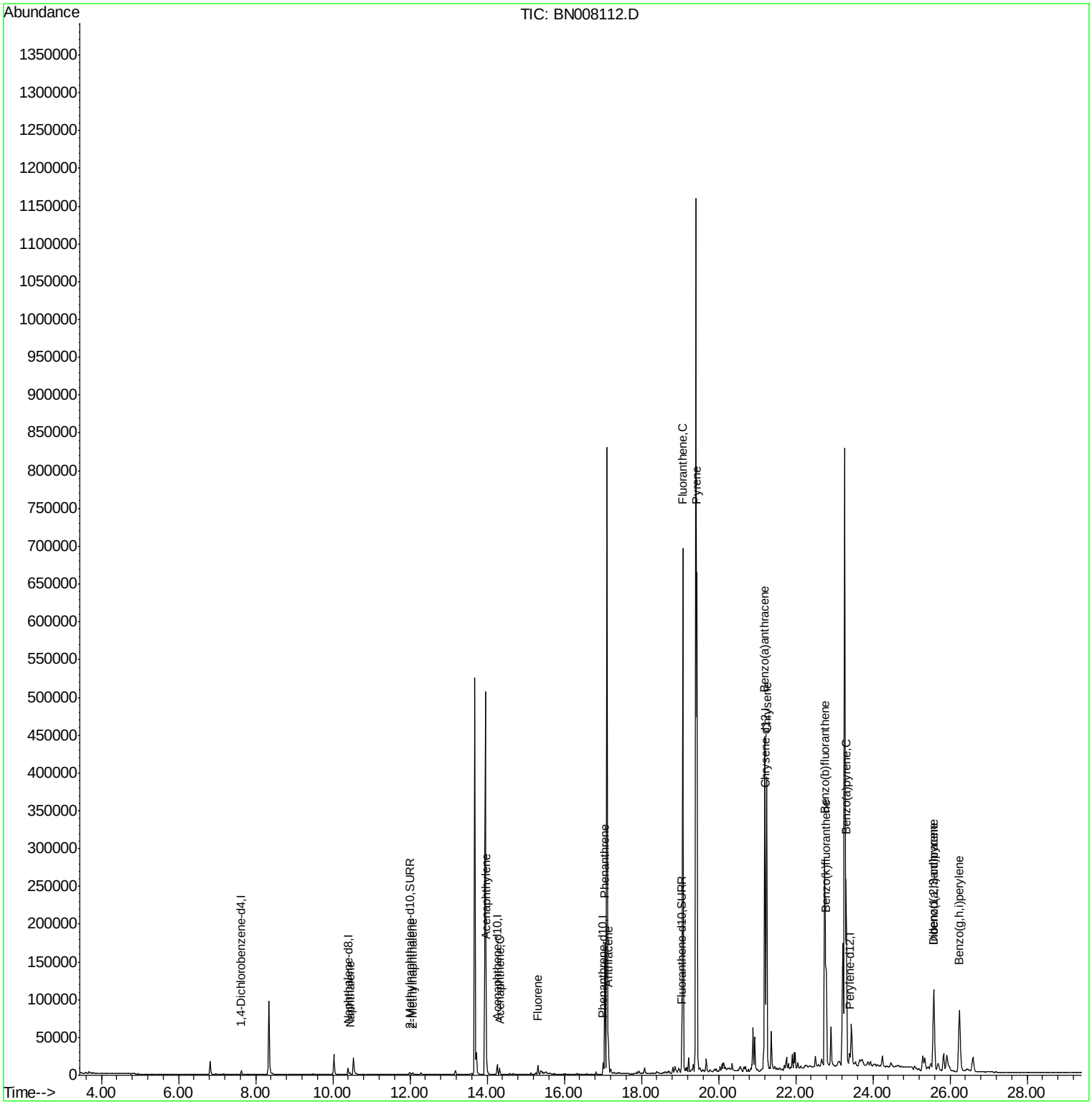
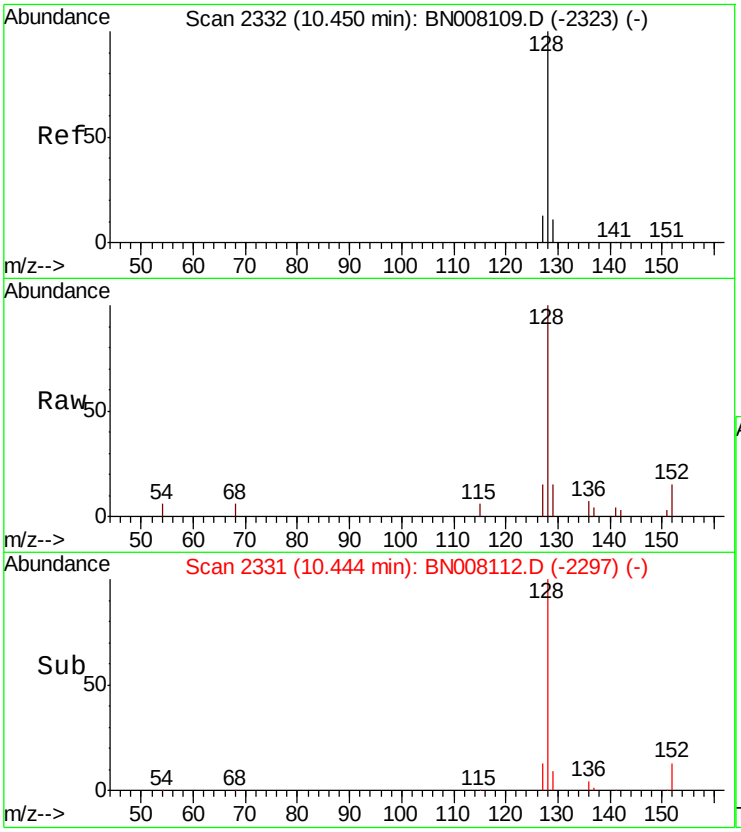
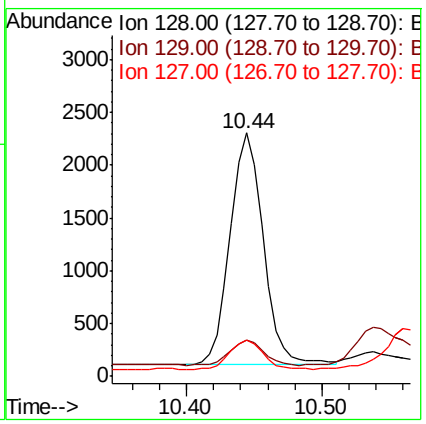




#3
Naphthalene
Concen: 0.110 ng/ul
RT: 10.44 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BN008112.D
Acq: 12 Oct 2019 14:45

Tgt Ion:128 Resp: 3719

Ion	Ratio	Lower	Upper
128	100		
129	15.0	9.8	14.8#
127	15.1	11.1	16.7



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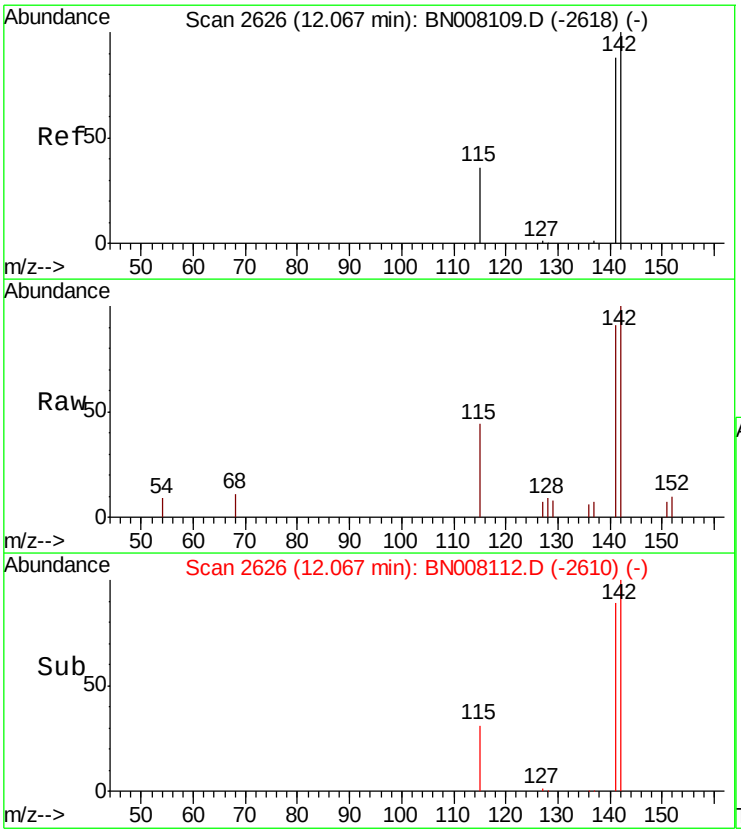
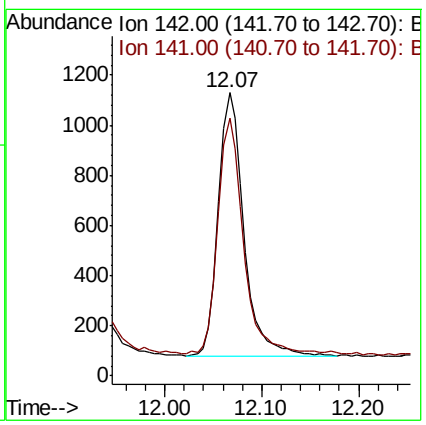
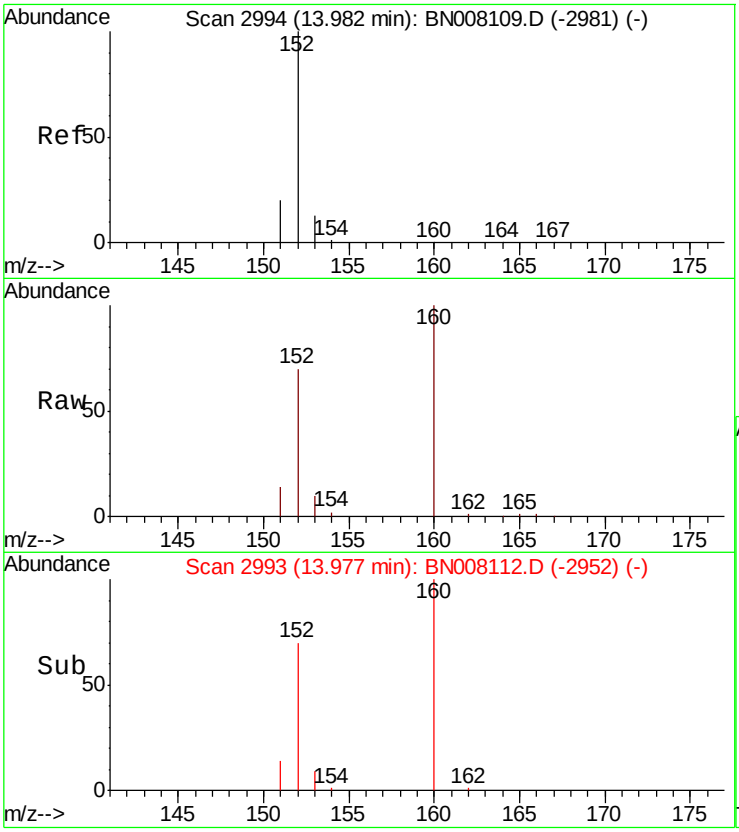


#5
2-Methylnaphthalene
Concen: 0.083 ng/ul
RT: 12.07 min Scan# 2626
Delta R.T. -0.01 min
Lab File: BN008112.D
Acq: 12 Oct 2019 14:45

Tgt Ion:142 Resp: 1917

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.4	107.2

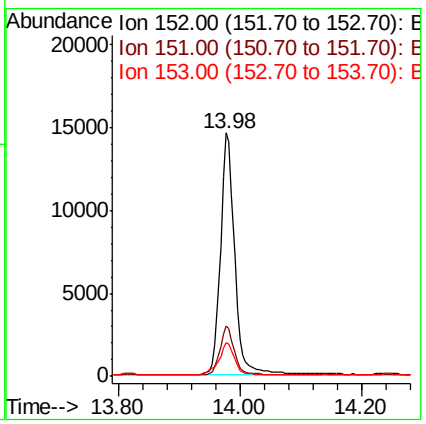




#7
Acenaphthylene
Concen: 0.648 ng/ul
RT: 13.98 min Scan# 2993
Delta R.T. -0.01 min
Lab File: BN008112.D
Acq: 12 Oct 2019 14:45

Tgt Ion:152 Resp: 23874

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.2	24.4
153	14.0	11.0	16.4



Instrument :
BNA_N
ClientSampleId :
BEPD2

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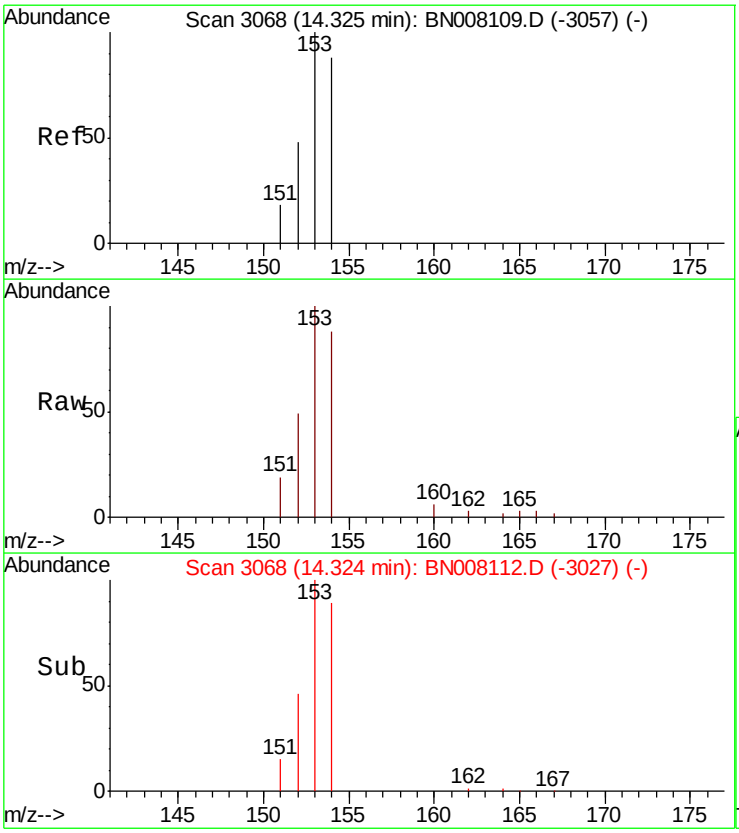
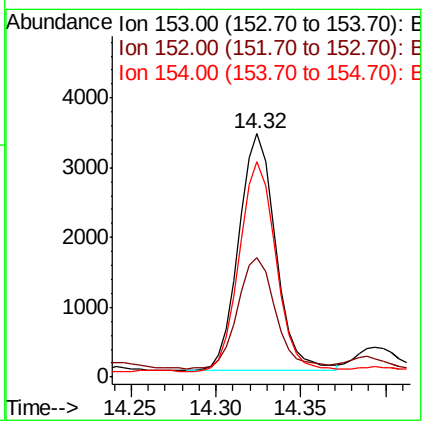
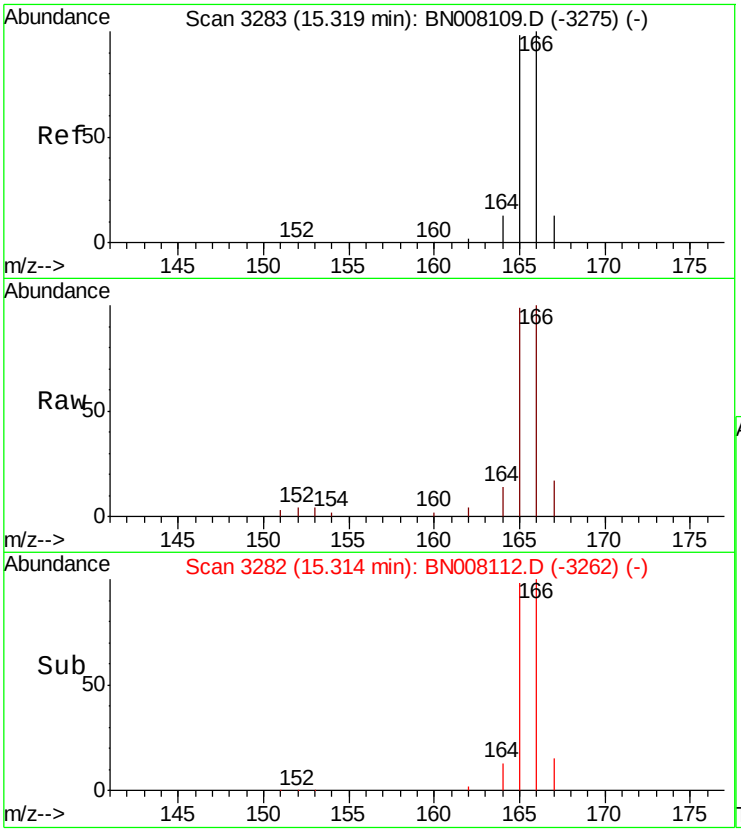


#8
Acenaphthene
Concen: 0.179 ng/ul
RT: 14.32 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BN008112.D
Acq: 12 Oct 2019 14:45

Tgt Ion:153 Resp: 5139

Ion	Ratio	Lower	Upper
153	100		
152	49.0	38.2	57.2
154	88.2	71.8	107.8

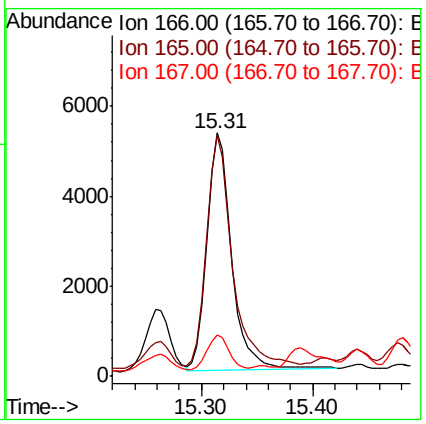




#9
Fluorene
Concen: 0.250 ng/ul
RT: 15.31 min Scan# 3282
Delta R.T. -0.01 min
Lab File: BN008112.D
Acq: 12 Oct 2019 14:45

Tgt Ion:166 Resp: 8131

Ion	Ratio	Lower	Upper
166	100		
165	98.8	76.6	115.0
167	17.1	11.7	17.5



Instrument :
BNA_N
ClientSampleId :
BEPD2

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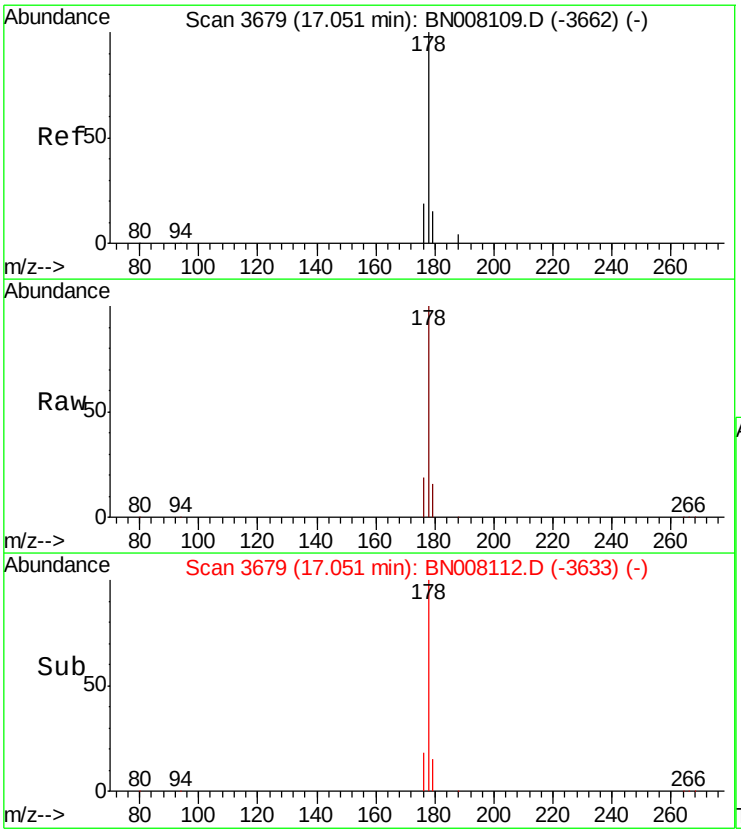
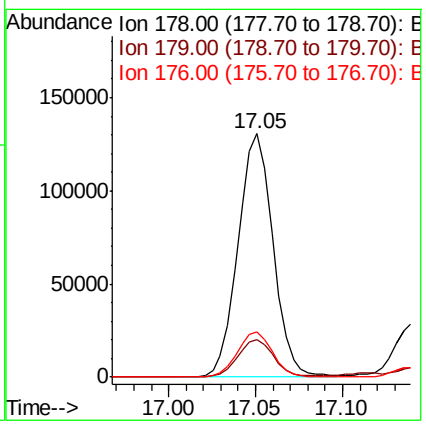
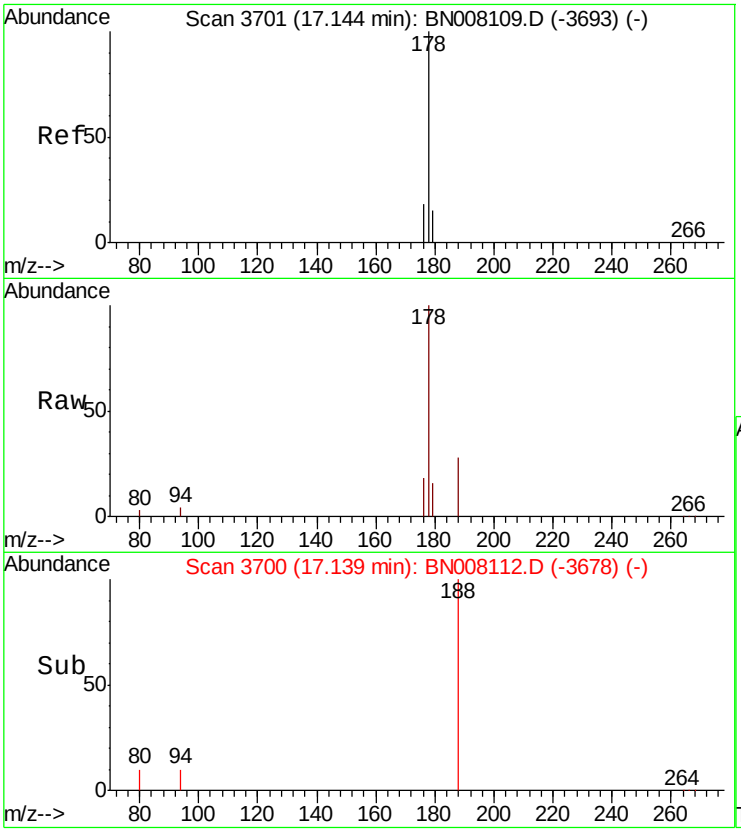


#12
Phenanthrene
Concen: 3.462 ng/ul m
RT: 17.05 min Scan# 3679
Delta R.T. -0.00 min
Lab File: BN008112.D
Acq: 12 Oct 2019 14:45

Tgt Ion:178 Resp: 182096

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2
176	18.5	15.4	23.2

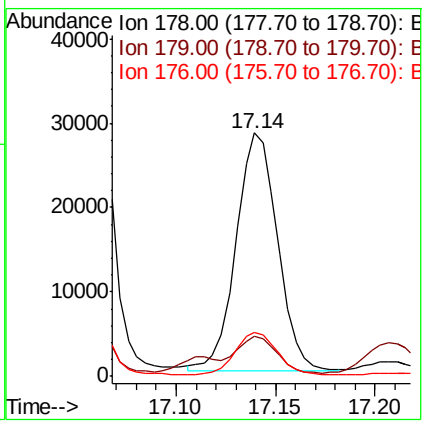




#13
Anthracene
Concen: 0.887 ng/ul m
RT: 17.14 min Scan# 3700
Delta R.T. -0.01 min
Lab File: BN008112.D
Acq: 12 Oct 2019 14:45

Tgt Ion:178 Resp: 41078

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.0	19.6
176	18.3	15.0	22.6



Instrument :
BNA_N
ClientSampleId :
BEPD2

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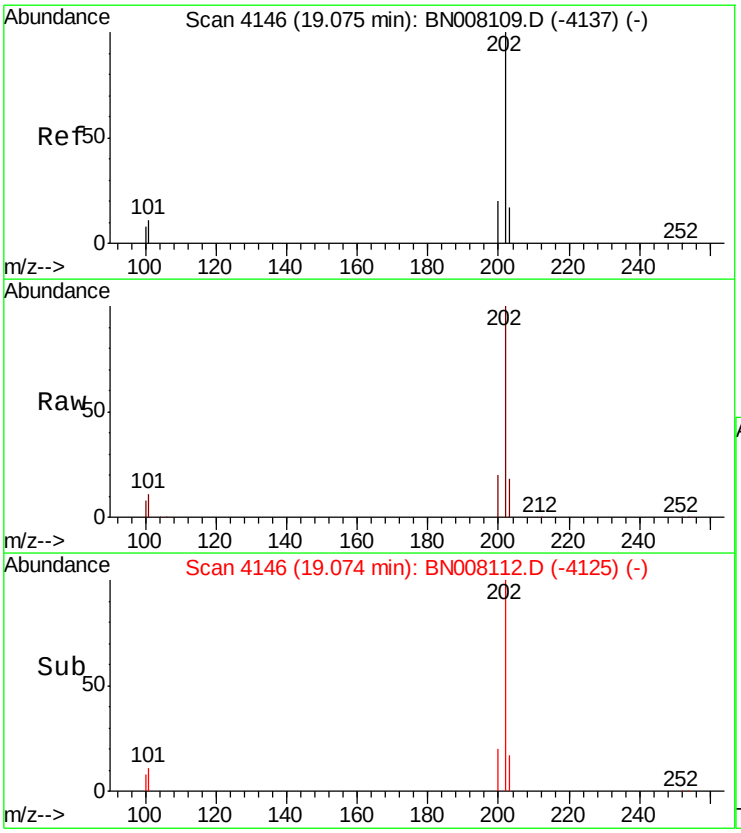
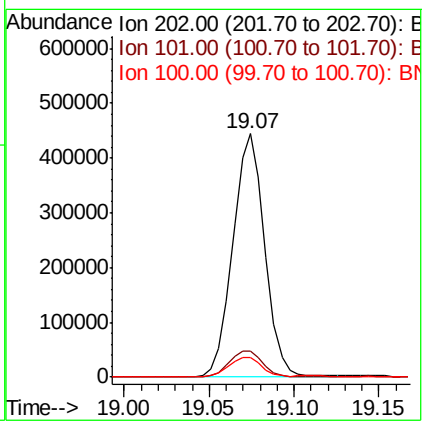
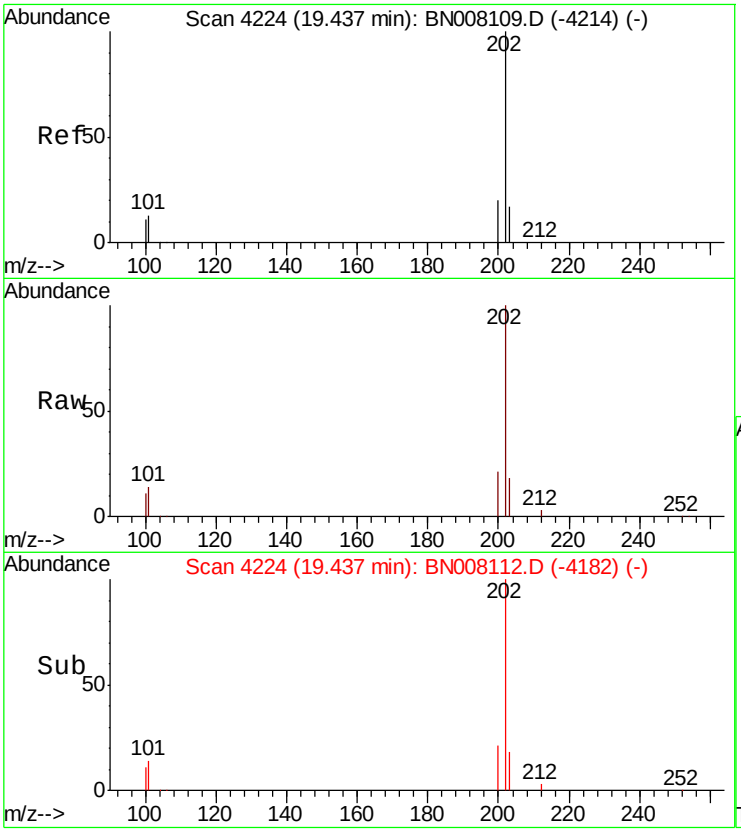


#15
Fluoranthene
Concen: 8.319 ng/ul m
RT: 19.07 min Scan# 4146
Delta R.T. -0.00 min
Lab File: BN008112.D
Acq: 12 Oct 2019 14:45

Tgt Ion:202 Resp: 577917

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.2
100	8.1	0.0	28.5





#17
Pyrene
Concen: 7.530 ng/ul
RT: 19.44 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN008112.D
Acq: 12 Oct 2019 14:45

Tgt Ion:202 Resp: 562538

Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.9	16.3
100	11.2	8.7	13.1

Instrument :
BNA_N
ClientSampleId :
BEPD2

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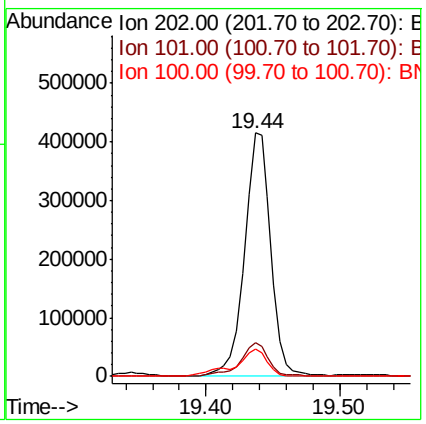
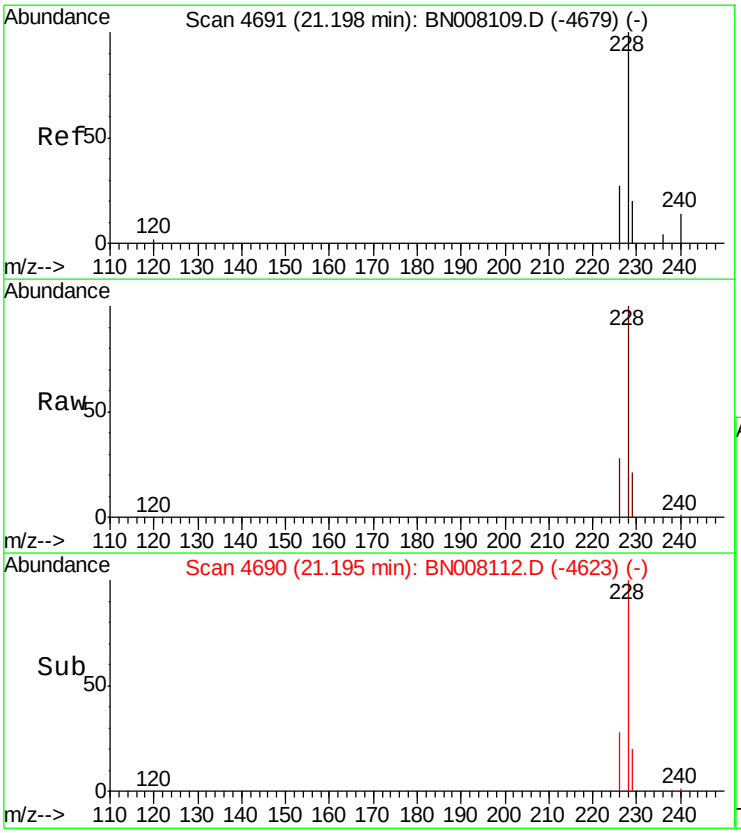
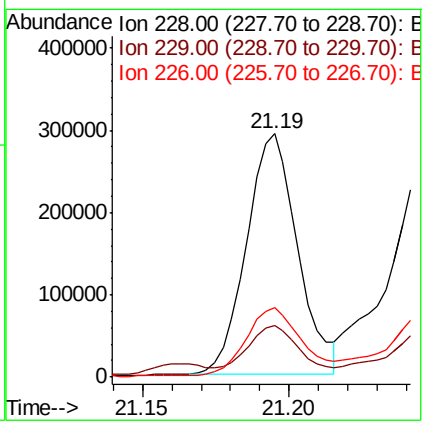


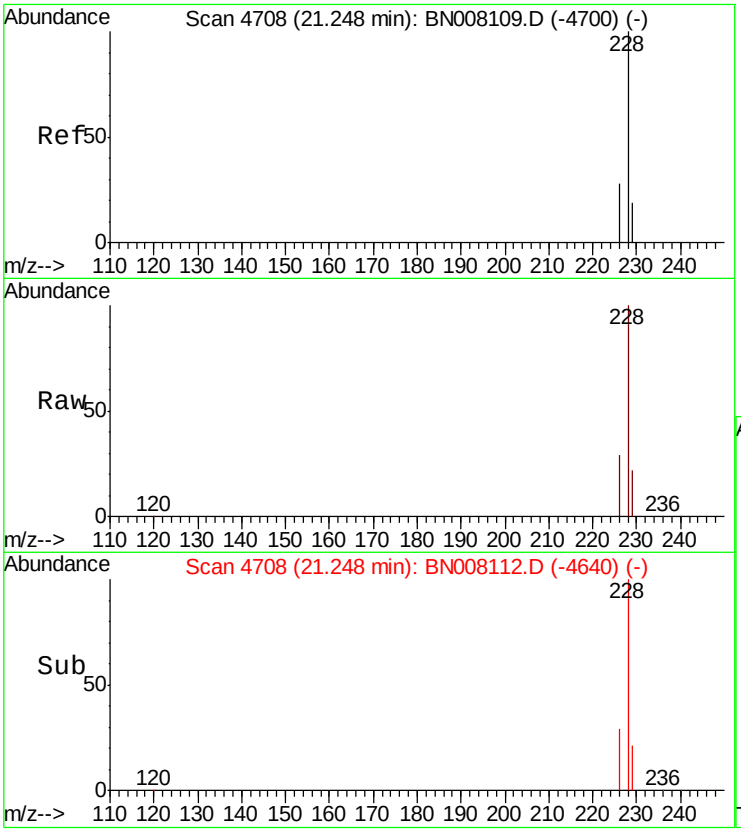


#18
Benzo(a)anthracene
Concen: 5.250 ng/ul m
RT: 21.19 min Scan# 4690
Delta R.T. -0.01 min
Lab File: BN008112.D
Acq: 12 Oct 2019 14:45

Tgt Ion:228 Resp: 358147

Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.2	24.2
226	28.3	21.4	32.0

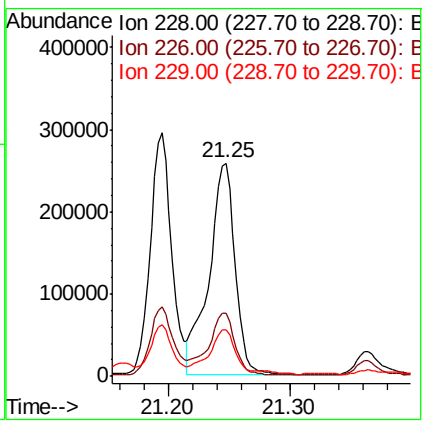




#19
Chrysene
Concen: 4.580 ng/ul
RT: 21.25 min Scan# 4708
Delta R.T. -0.00 min
Lab File: BN008112.D
Acq: 12 Oct 2019 14:45

Tgt Ion:228 Resp: 383366

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.1	36.1
229	21.8	16.2	24.2



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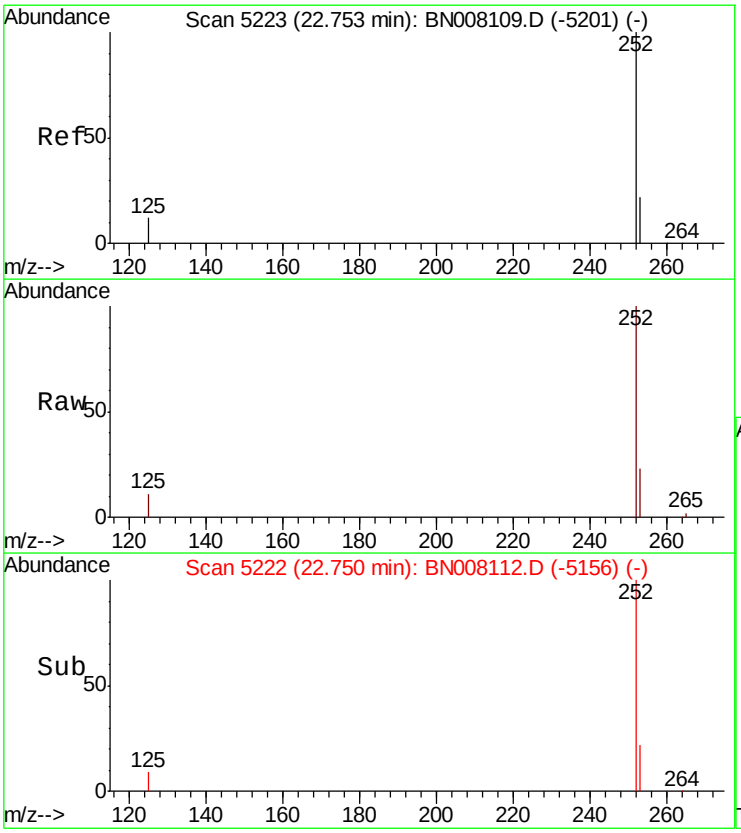
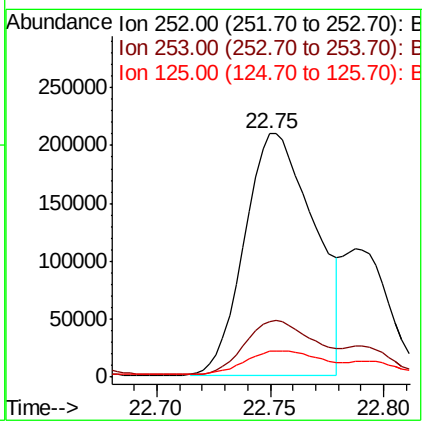
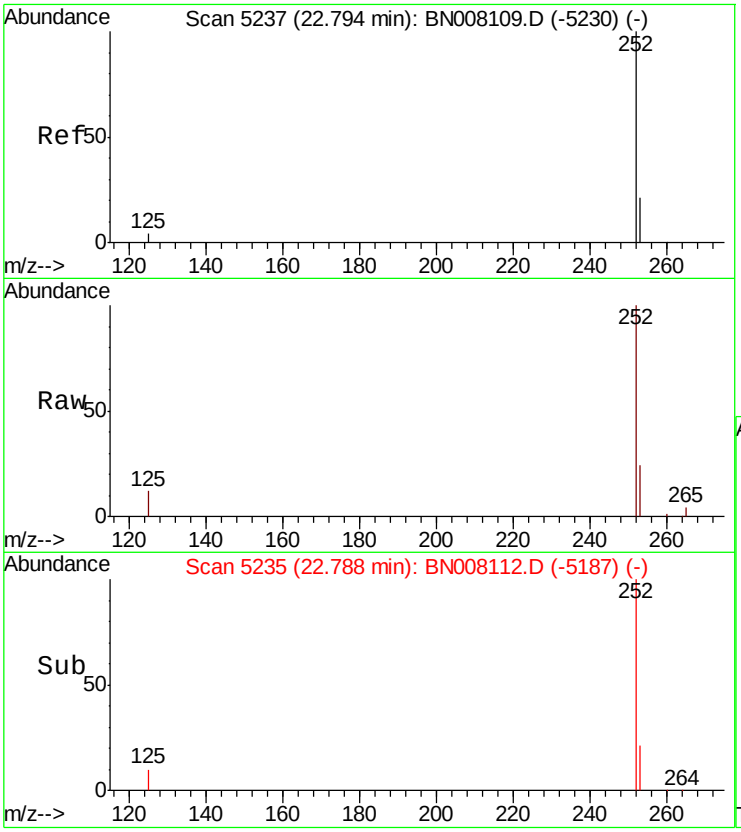


#21
Benzo(b)fluoranthene
Concen: 8.138 ng/ul m
RT: 22.75 min Scan# 5222
Delta R.T. -0.01 min
Lab File: BN008112.D
Acq: 12 Oct 2019 14:45

Tgt Ion:252 Resp: 446284

Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	53.4
125	10.6	0.0	32.4





#22
Benzo(k)fluoranthene
Concen: 2.446 ng/ul m
RT: 22.79 min Scan# 5235
Delta R.T. -0.01 min
Lab File: BN008112.D
Acq: 12 Oct 2019 14:45

Tgt Ion:252 Resp: 151922

Ion	Ratio	Lower	Upper
252	100		
253	24.2	21.3	31.9
125	12.1	12.3	18.5#

Instrument :
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ClientSampleId :
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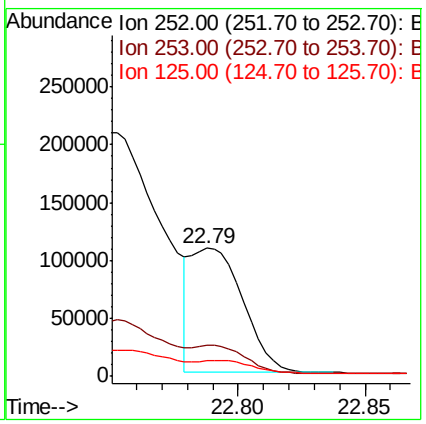
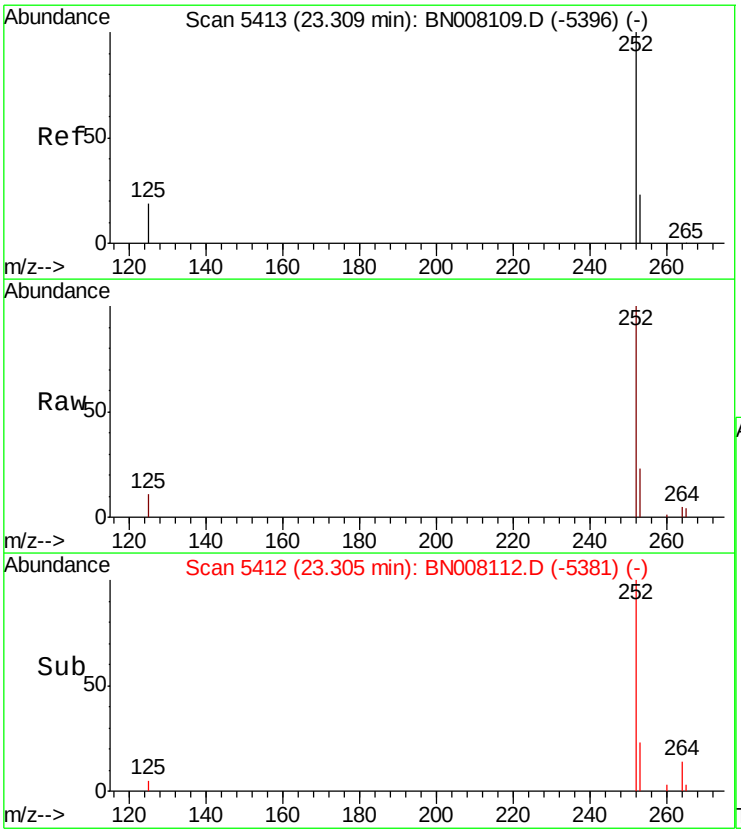
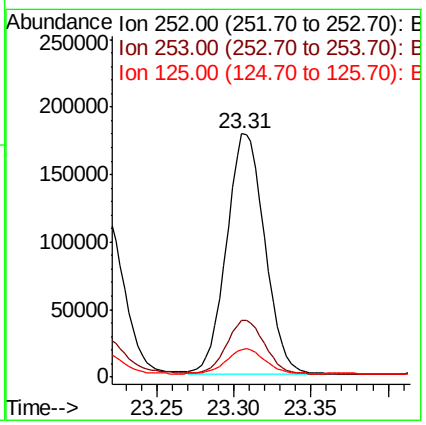


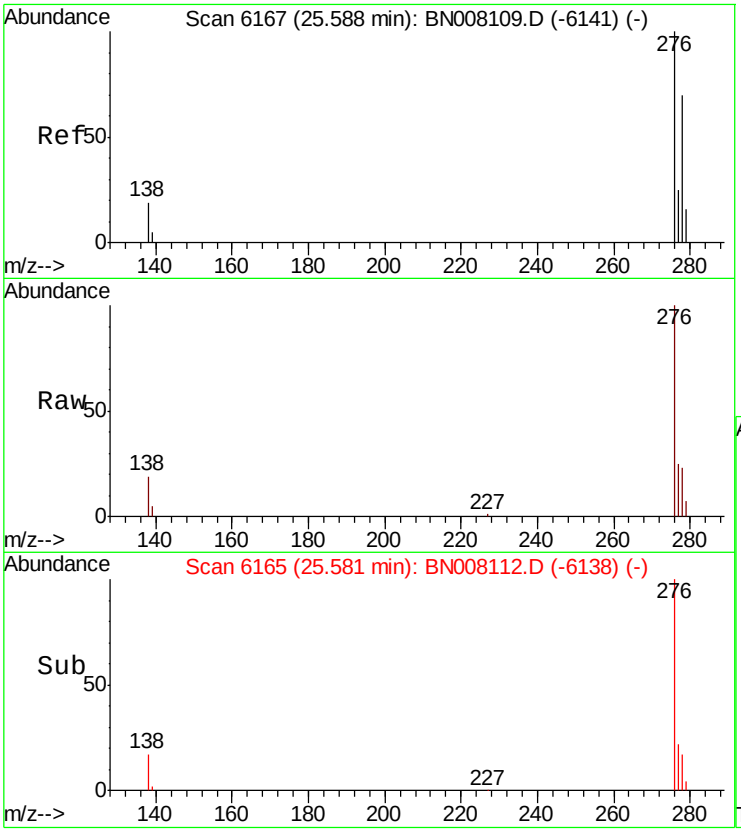


#23
Benzo(a)pyrene
Concen: 5.348 ng/ul m
RT: 23.31 min Scan# 5412
Delta R.T. -0.01 min
Lab File: BN008112.D
Acq: 12 Oct 2019 14:45

Tgt Ion:252 Resp: 308596

Ion	Ratio	Lower	Upper
252	100		
253	23.1	22.8	34.2
125	11.5	18.4	27.6#





#24
Indeno(1,2,3-cd)pyrene
Concen: 2.540 ng/ul
RT: 25.58 min Scan# 6165
Delta R.T. -0.01 min
Lab File: BN008112.D
Acq: 12 Oct 2019 14:45

Tgt Ion:276 Resp: 172605

Ion	Ratio	Lower	Upper
276	100		
138	18.7	16.1	24.1
227	0.2	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
BEPD2

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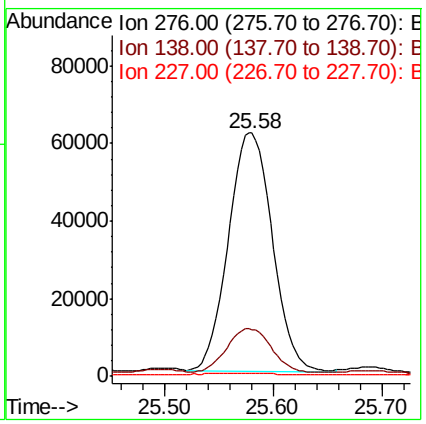
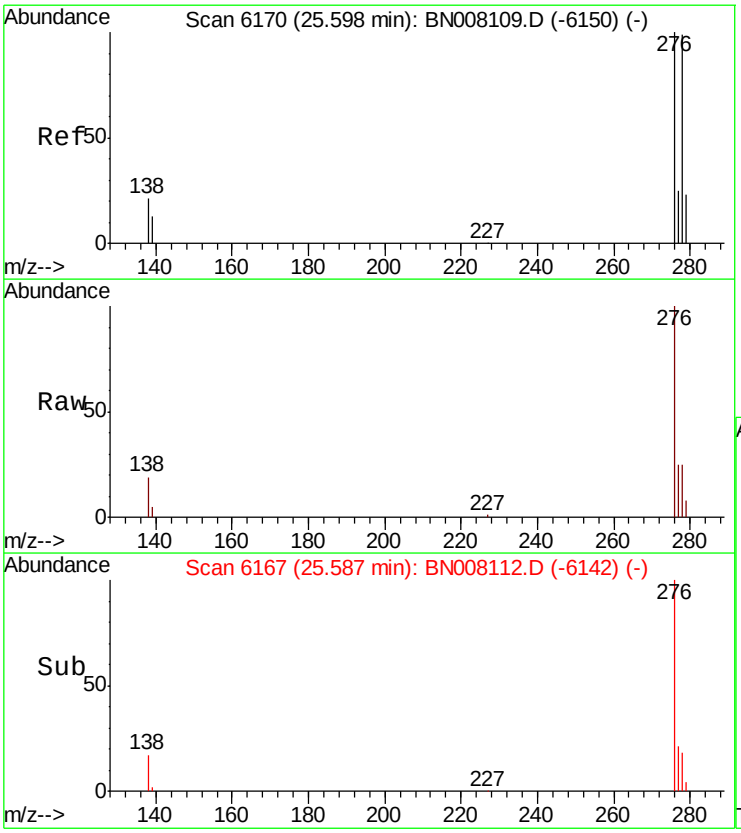
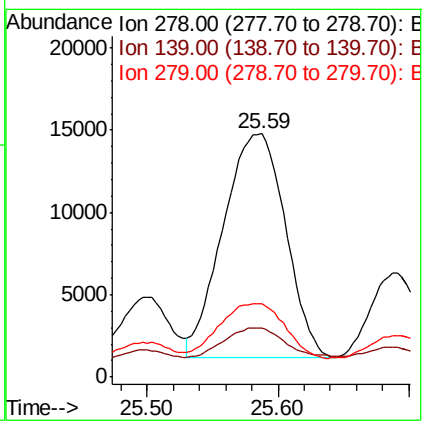


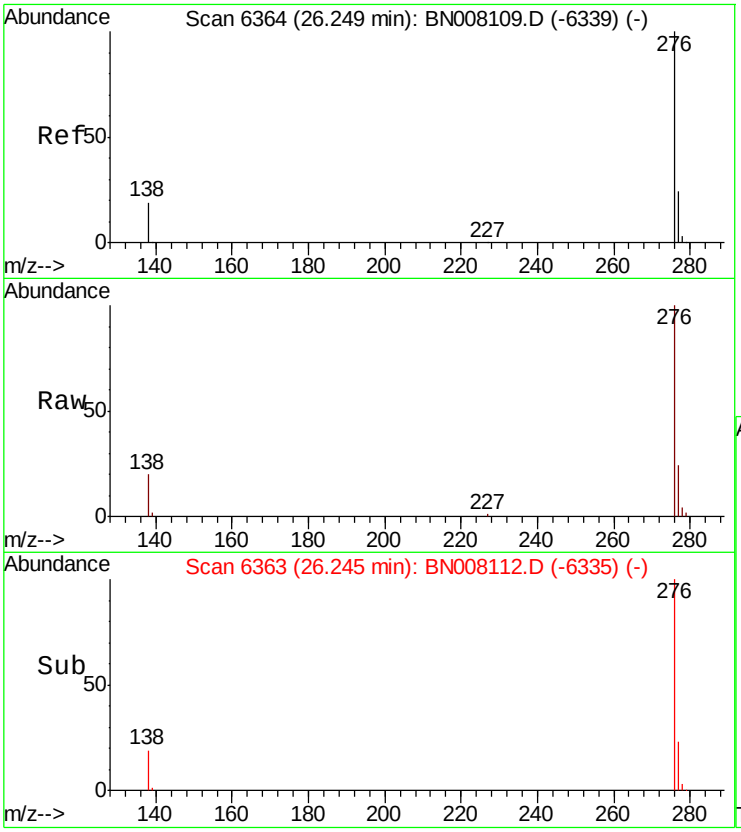


#25
Dibenzo(a,h)anthracene
Concen: 0.836 ng/ul
RT: 25.59 min Scan# 6167
Delta R.T. -0.02 min
Lab File: BN008112.D
Acq: 12 Oct 2019 14:45

Tgt Ion:278 Resp: 44903

Ion	Ratio	Lower	Upper
278	100		
139	20.3	15.0	22.6
279	29.9	22.4	33.6

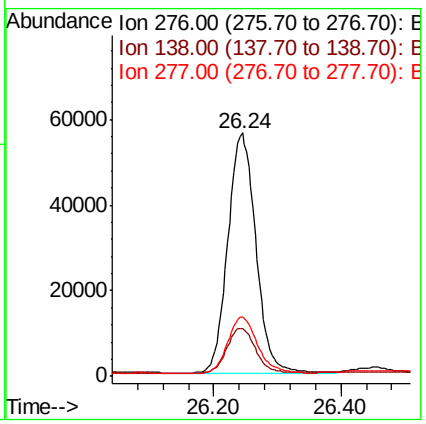




#26
Benzo(g,h,i)perylene
Concen: 2.749 ng/ul
RT: 26.24 min Scan# 6363
Delta R.T. -0.01 min
Lab File: BN008112.D
Acq: 12 Oct 2019 14:45

Tgt Ion:276 Resp: 171342

Ion	Ratio	Lower	Upper
276	100		
138	19.8	17.0	25.4
277	24.4	20.4	30.6



Instrument :
BNA_N
ClientSampleId :
BEPD2

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:42 AM