Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112119\
Data File : BN008696.D
Acq On : 22 Nov 2019 03:39
Operator : JU
Sample : K5854-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 22 07:30:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 07:12:34 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : C0AD1

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	4236	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	15667	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	9420	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	18138	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	13506	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	14602	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	4965	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	11955	0.22	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.42	128	59708	1.264	ng/ul	98
5) 2-Methylnaphthalene	12.04	142	46420	1.407	ng/ul	100
7) Acenaphthylene	13.95	152	5496	0.106	ng/ul#	86
8) Acenaphthene	14.30	153	27930	0.723	ng/ul	99
9) Fluorene	15.29	166	32886	0.725	ng/ul#	97
12) Phenanthrene	17.02	178	413512	6.760	ng/ul	98
13) Anthracene	17.11	178	104081	1.801	ng/ul	99
15) Fluoranthene	19.04	202	611831	8.141	ng/ul	93
17) Pyrene	19.40	202	551874	10.185	ng/ul	98
18) Benzo(a)anthracene	21.16	228	275184	5.067	ng/ul	97
19) Chrysene	21.21	228	266743	5.000	ng/ul	95
21) Benzo(b)fluoranthene	22.70	252	354607m	5.889	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	114716m	1.921	ng/ul	
23) Benzo(a)pyrene	23.25	252	242568	4.292	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.48	276	162310	2.456	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.48	278	42243	0.791	ng/ul#	71
26) Benzo(g,h,i)perylene	26.13	276	159745	2.889	ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112119\
Data File : BN008696.D
Acq On : 22 Nov 2019 03:39
Operator : JU
Sample : K5854-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 22 07:30:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 07:12:34 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AD1

Manual Integrations APPROVED
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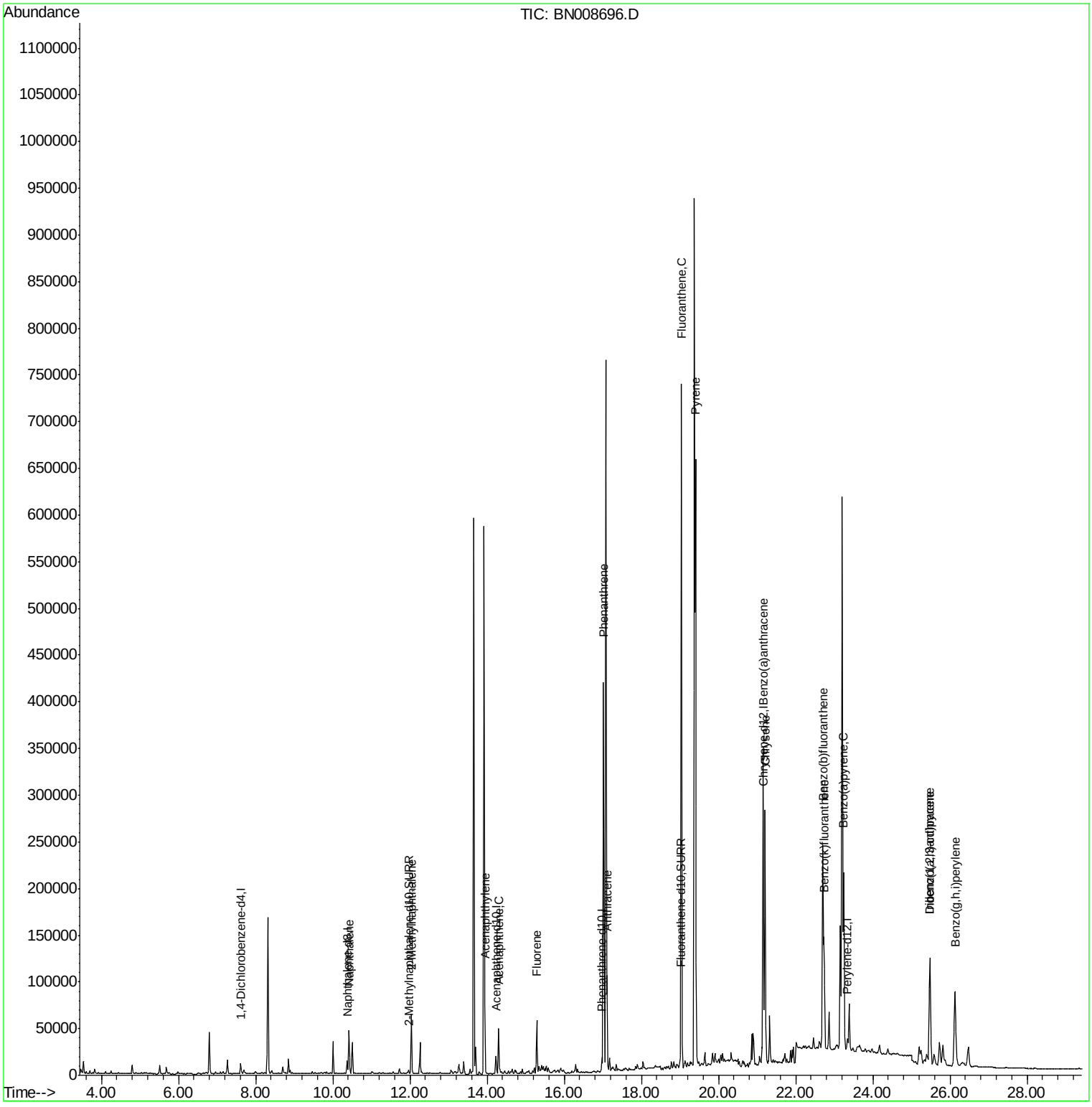
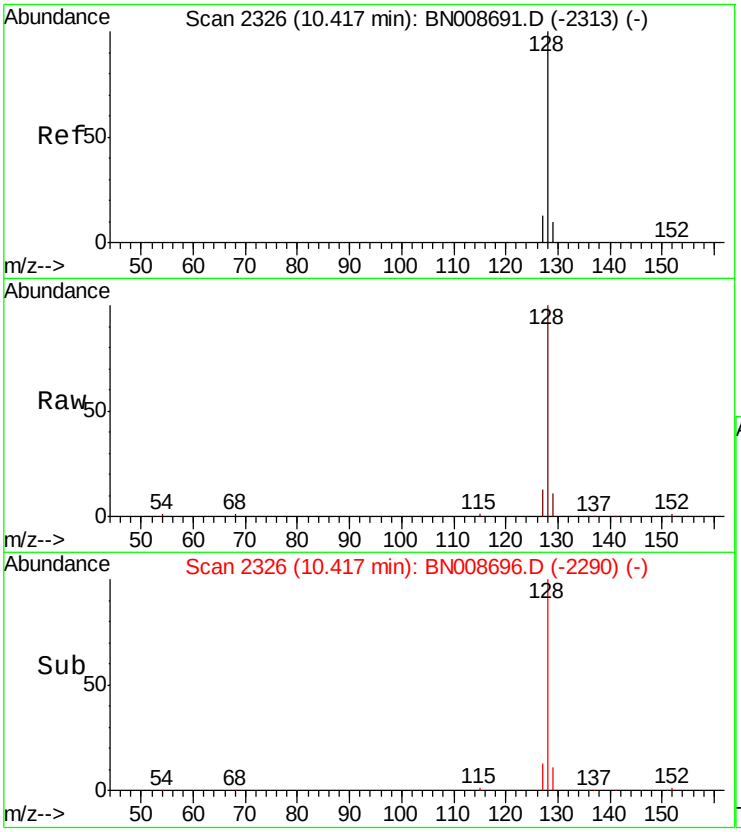
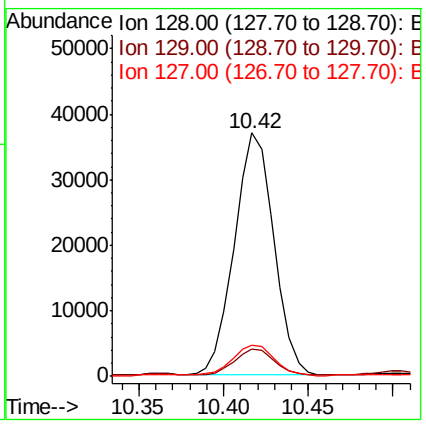




#3
Naphthalene
Concen: 1.264 ng/ul
RT: 10.42 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BN008696.D
Acq: 22 Nov 2019 03:39

Tgt Ion:128 Resp: 59708

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.7	14.5
127	13.0	10.8	16.2



Instrument :
BNA_N
ClientSampleId :
C0AD1

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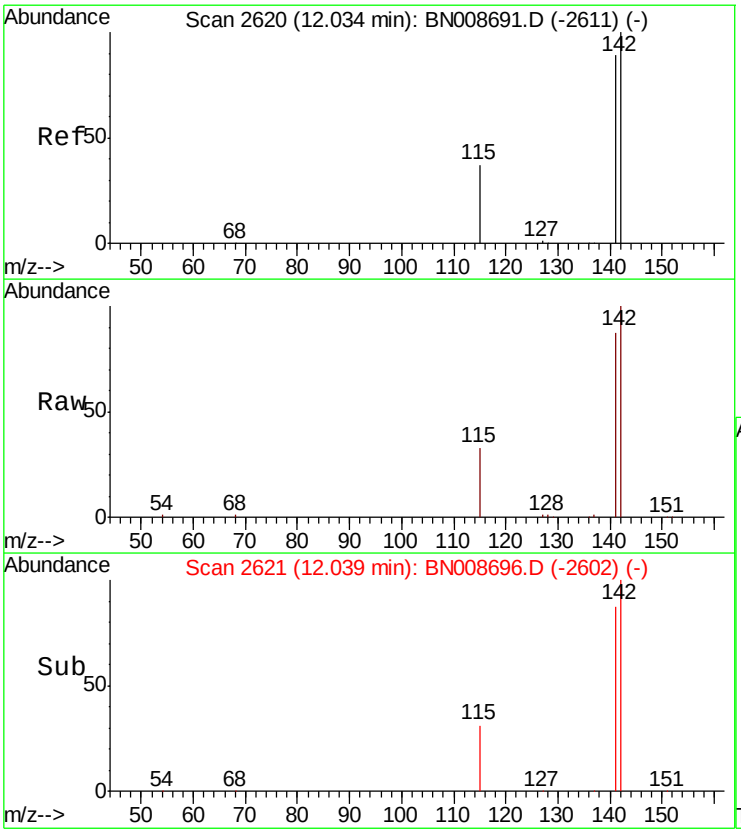
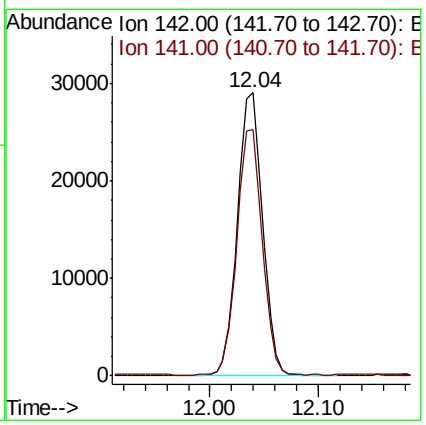
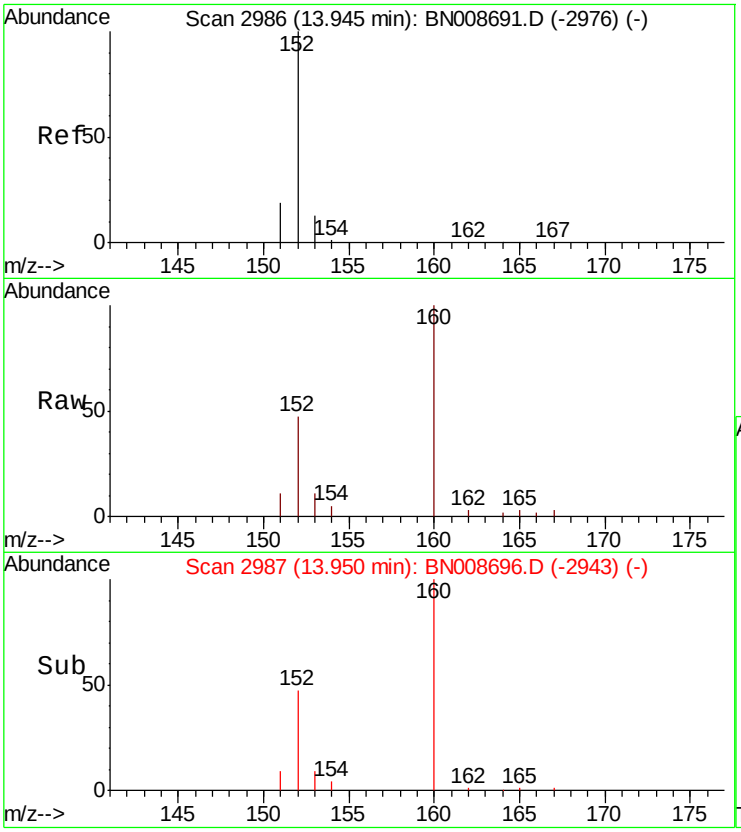


#5
2-Methylnaphthalene
Concen: 1.407 ng/ul
RT: 12.04 min Scan# 2621
Delta R.T. 0.01 min
Lab File: BN008696.D
Acq: 22 Nov 2019 03:39

Tgt Ion:142 Resp: 46420

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.5	105.7





#7
Acenaphthylene
Concen: 0.106 ng/ul
RT: 13.95 min Scan# 2987
Delta R.T. 0.00 min
Lab File: BN008696.D
Acq: 22 Nov 2019 03:39

Tgt Ion:152 Resp: 5496

Ion	Ratio	Lower	Upper
152	100		
151	24.3	16.6	24.8
153	23.0	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
C0AD1

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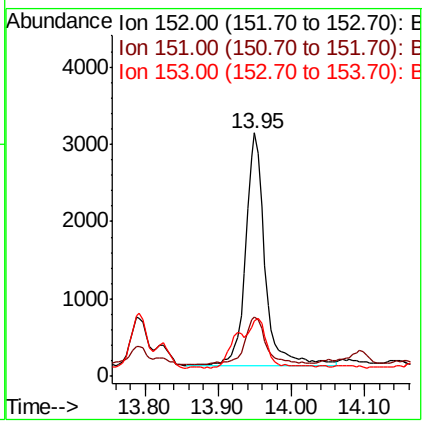
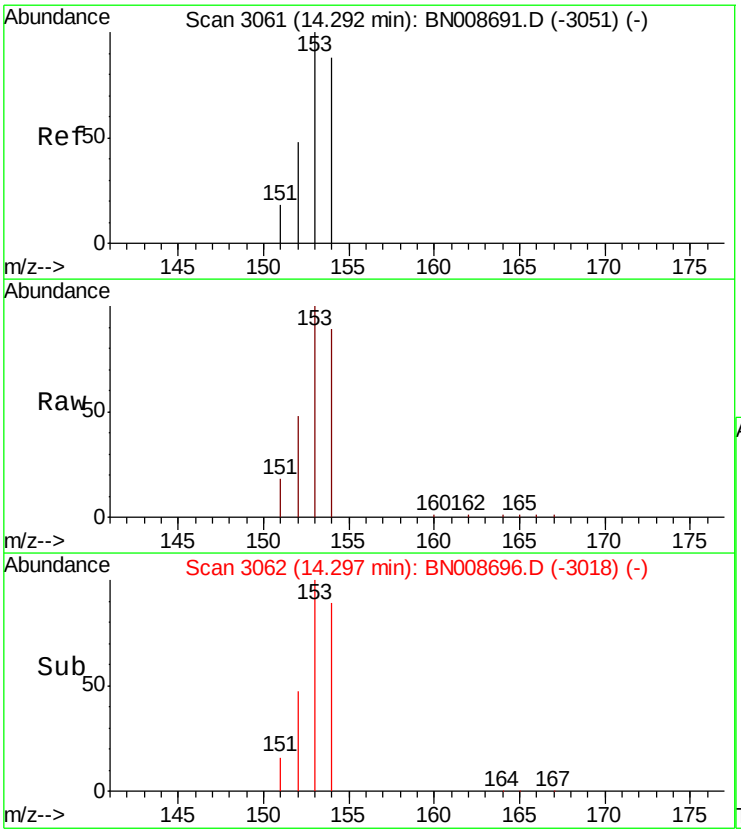
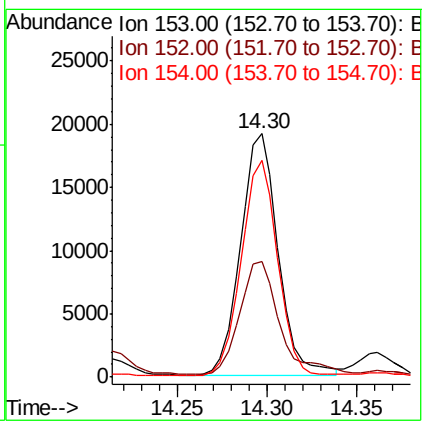


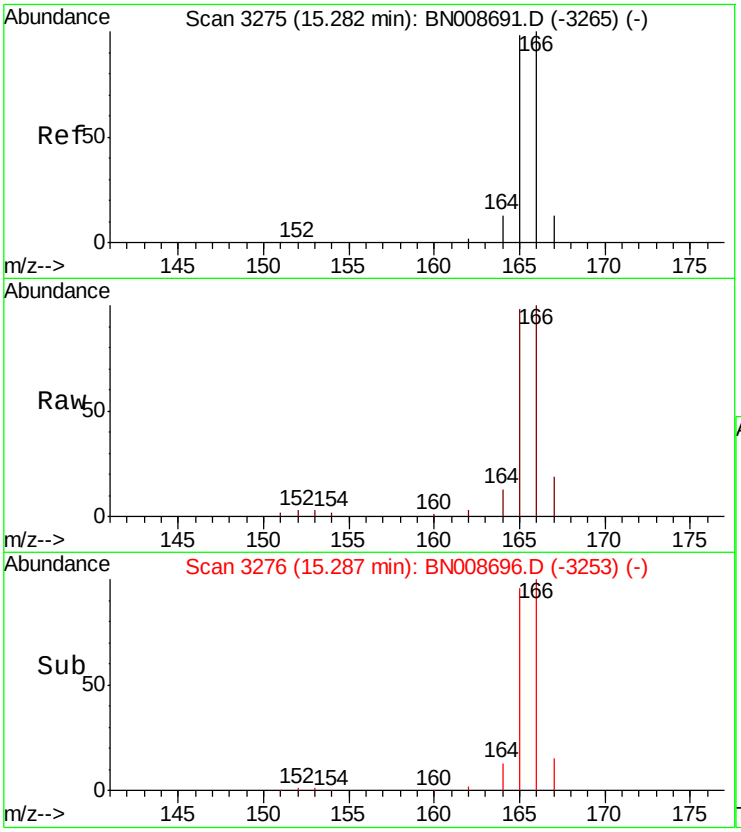


#8
Acenaphthene
Concen: 0.723 ng/ul
RT: 14.30 min Scan# 3062
Delta R.T. 0.00 min
Lab File: BN008696.D
Acq: 22 Nov 2019 03:39

Tgt Ion:153 Resp: 27930

Ion	Ratio	Lower	Upper
153	100		
152	47.7	39.6	59.4
154	89.1	70.6	106.0





#9
Fluorene
Concen: 0.725 ng/ul
RT: 15.29 min Scan# 3276
Delta R.T. 0.00 min
Lab File: BN008696.D
Acq: 22 Nov 2019 03:39

Tgt Ion:166 Resp: 32886

Ion	Ratio	Lower	Upper
166	100		
165	98.1	77.4	116.0
167	18.9	11.4	17.0#

Instrument :
BNA_N
ClientSampleId :
C0AD1

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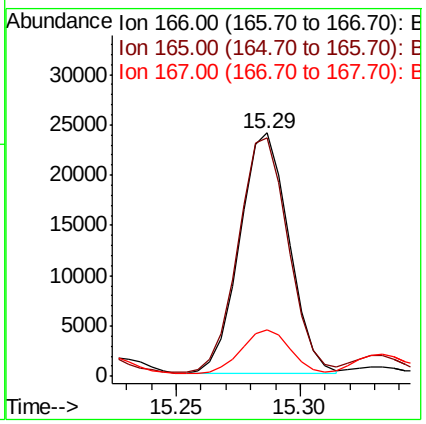
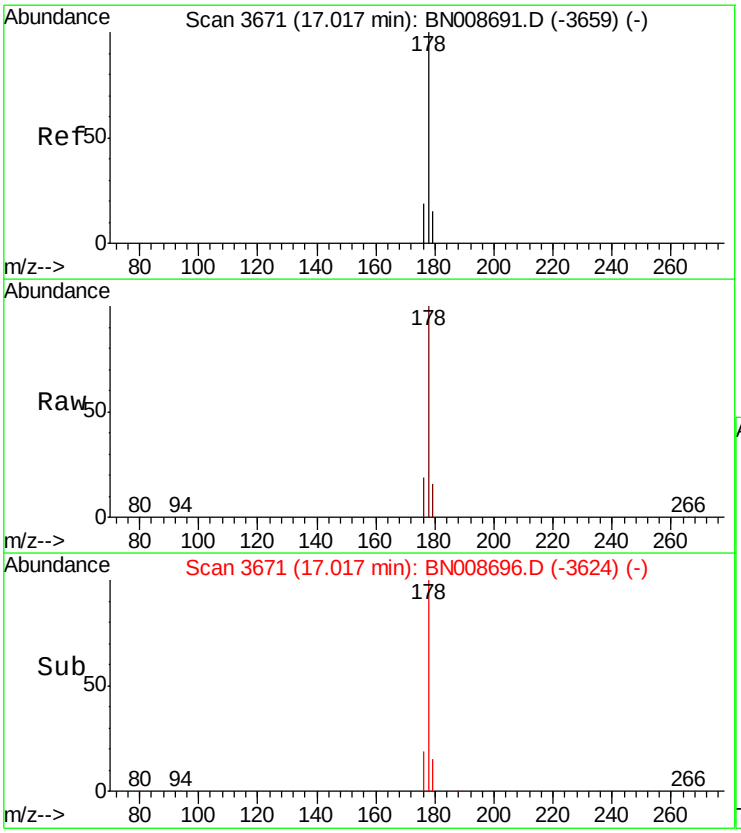
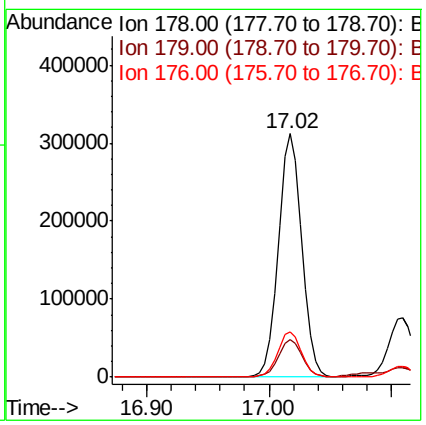


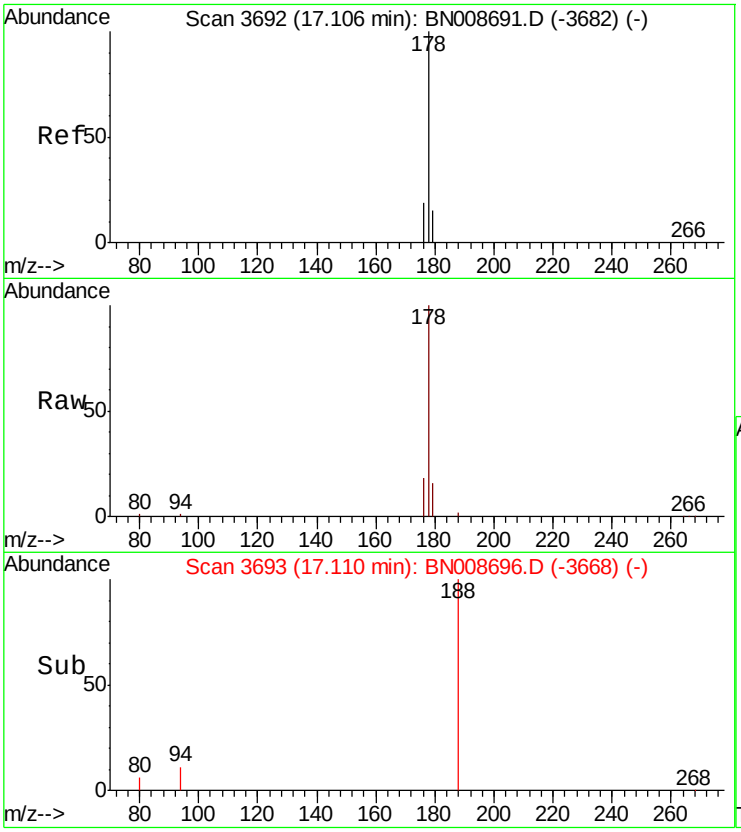


#12
Phenanthrene
Concen: 6.760 ng/ul
RT: 17.02 min Scan# 3671
Delta R.T. -0.00 min
Lab File: BN008696.D
Acq: 22 Nov 2019 03:39

Tgt Ion:178 Resp: 413512

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	18.8	16.0	24.0

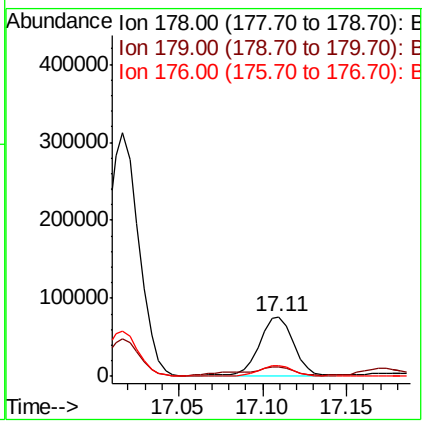




#13
Anthracene
Concen: 1.801 ng/ul
RT: 17.11 min Scan# 3693
Delta R.T. 0.00 min
Lab File: BN008696.D
Acq: 22 Nov 2019 03:39

Tgt Ion:178 Resp: 104081

Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.0	19.4
176	18.3	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
C0AD1

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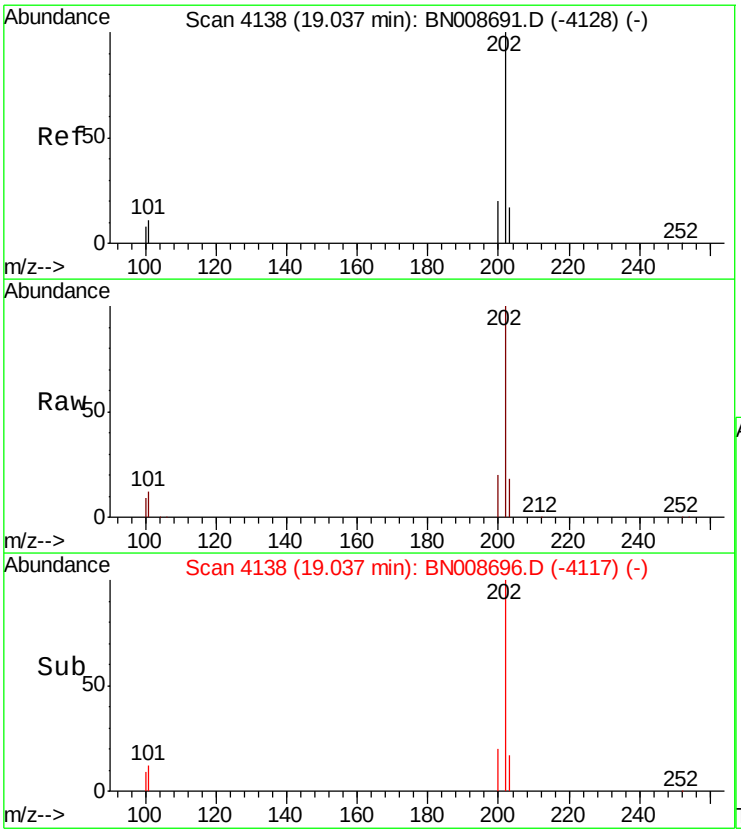
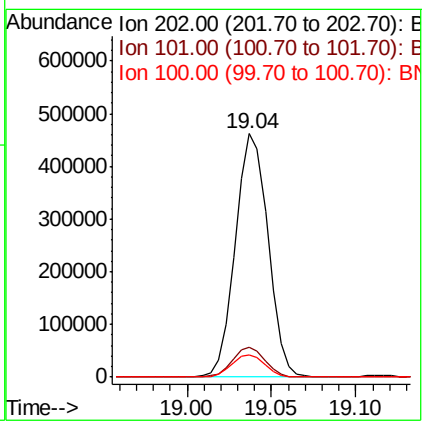
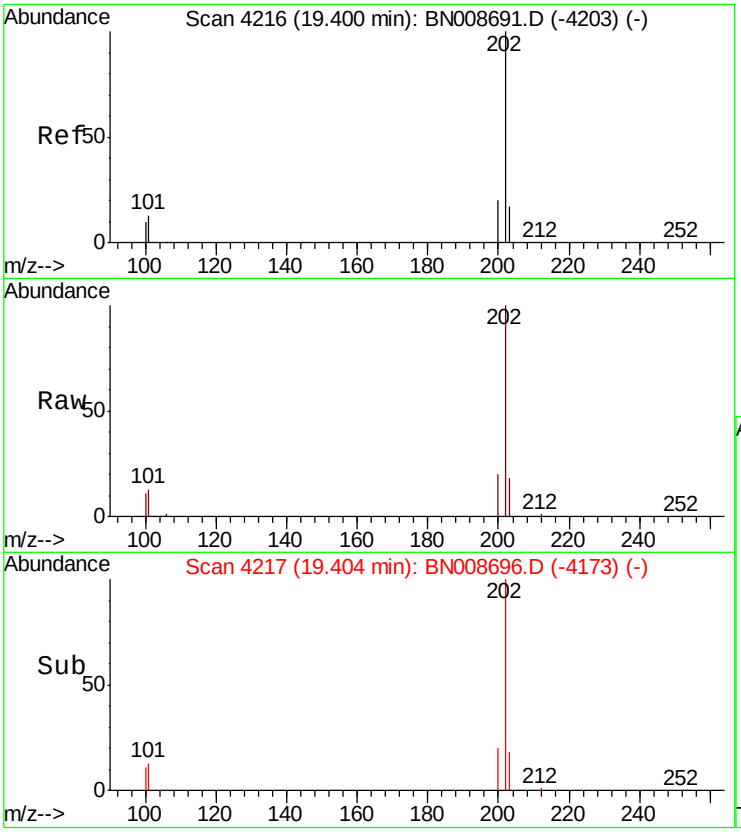


#15
Fluoranthene
Concen: 8.141 ng/ul
RT: 19.04 min Scan# 4138
Delta R.T. -0.00 min
Lab File: BN008696.D
Acq: 22 Nov 2019 03:39

Tgt Ion:202 Resp: 611831

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	29.6
100	9.3	0.0	27.0

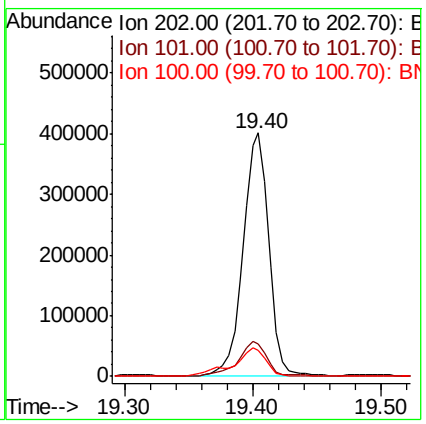




#17
Pyrene
Concen: 10.185 ng/ul
RT: 19.40 min Scan# 4217
Delta R.T. 0.00 min
Lab File: BN008696.D
Acq: 22 Nov 2019 03:39

Tgt Ion:202 Resp: 551874

Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.2	15.2
100	10.8	8.2	12.2



Instrument :
BNA_N
ClientSampleId :
C0AD1

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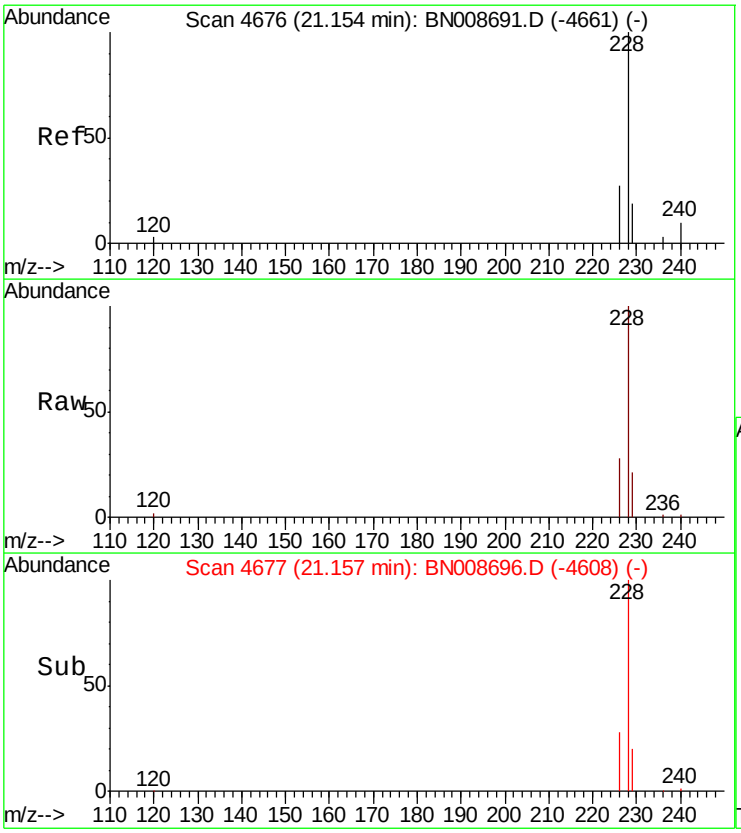
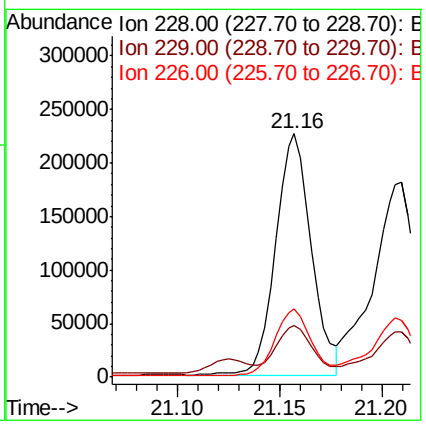
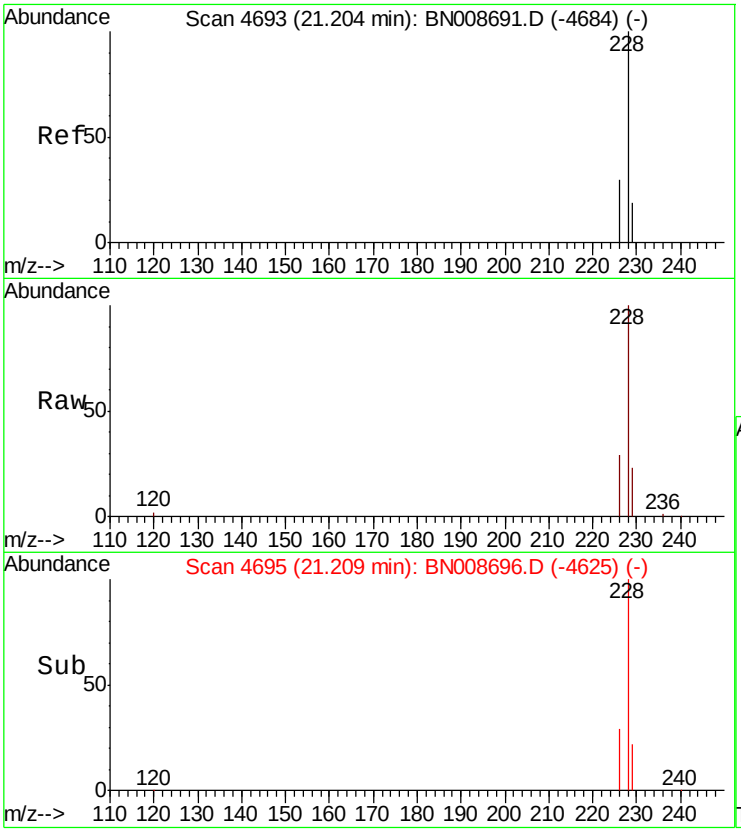


#18
Benzo(a)anthracene
Concen: 5.067 ng/ul
RT: 21.16 min Scan# 4677
Delta R.T. 0.00 min
Lab File: BN008696.D
Acq: 22 Nov 2019 03:39

Tgt Ion:228 Resp: 275184

Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.8	23.6
226	28.1	21.6	32.4

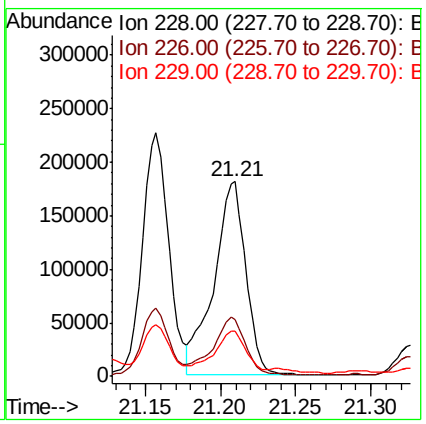




#19
Chrysene
Concen: 5.000 ng/ul
RT: 21.21 min Scan# 4695
Delta R.T. 0.01 min
Lab File: BN008696.D
Acq: 22 Nov 2019 03:39

Tgt Ion:228 Resp: 266743

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.5	36.7
229	23.2	15.5	23.3



Instrument :
BNA_N
ClientSampleId :
C0AD1

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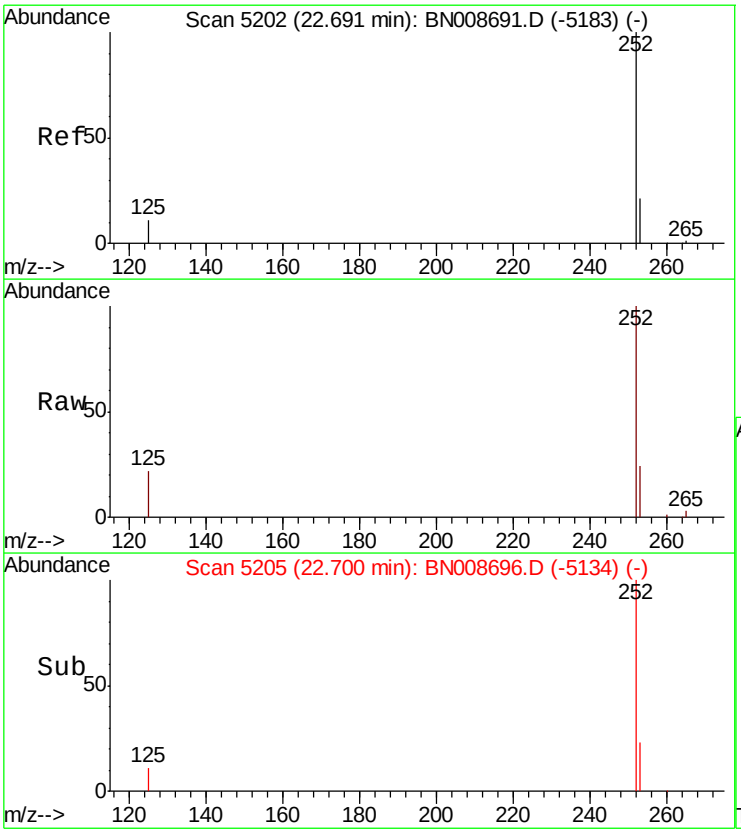
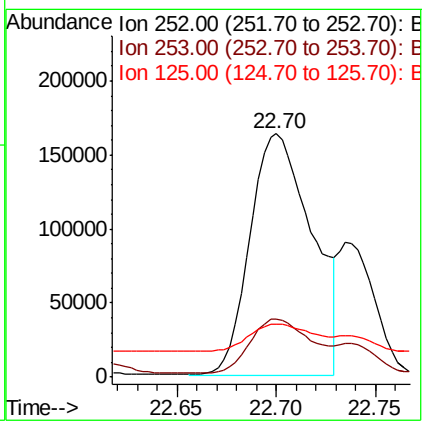
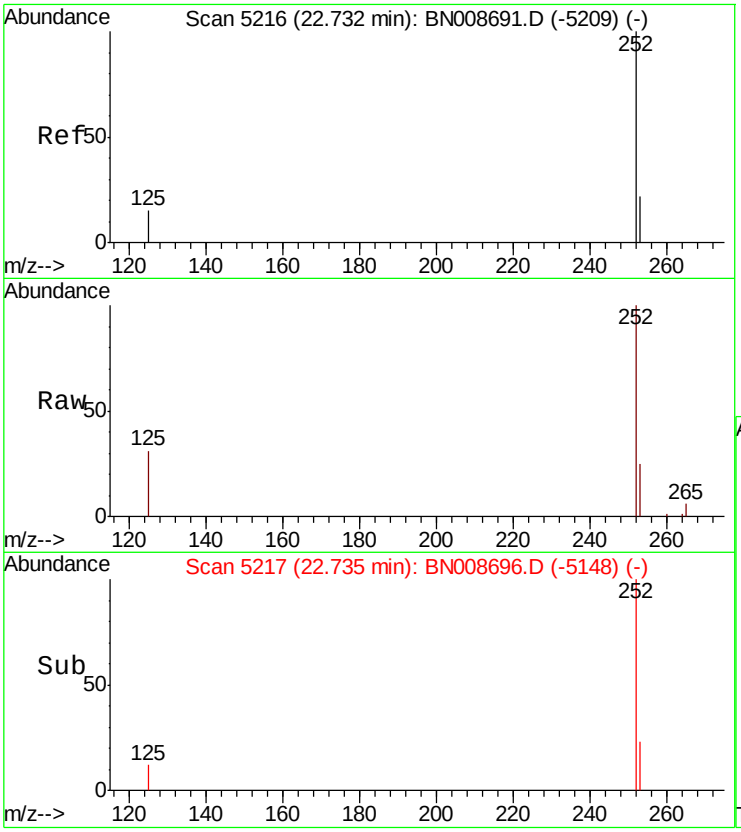


#21
Benzo(b)fluoranthene
Concen: 5.889 ng/ul m
RT: 22.70 min Scan# 5205
Delta R.T. 0.01 min
Lab File: BN008696.D
Acq: 22 Nov 2019 03:39

Tgt Ion:252 Resp: 354607

Ion	Ratio	Lower	Upper
252	100		
253	24.0	0.0	50.2
125	21.7	0.0	30.0





#22
Benzo(k)fluoranthene
Concen: 1.921 ng/ul m
RT: 22.73 min Scan# 5217
Delta R.T. 0.00 min
Lab File: BN008696.D
Acq: 22 Nov 2019 03:39

Tgt Ion:252 Resp: 114716

Ion	Ratio	Lower	Upper
252	100		
253	25.3	20.5	30.7
125	30.9	15.0	22.4#

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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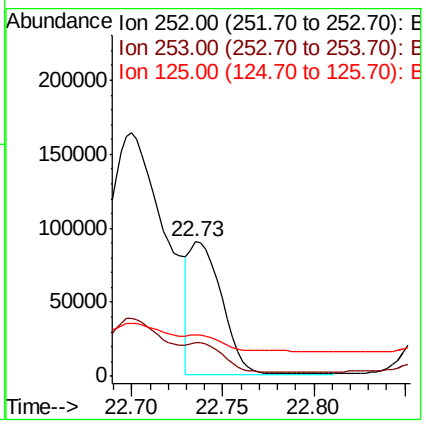
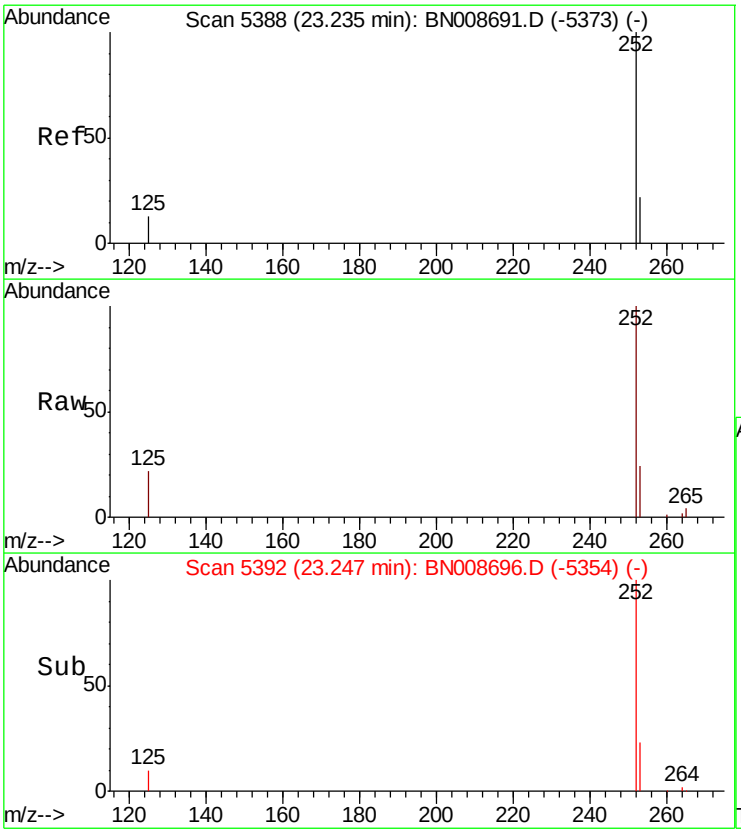
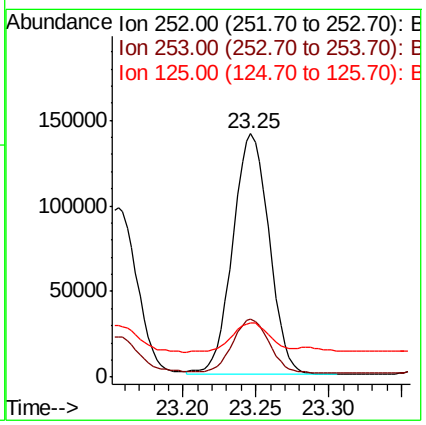


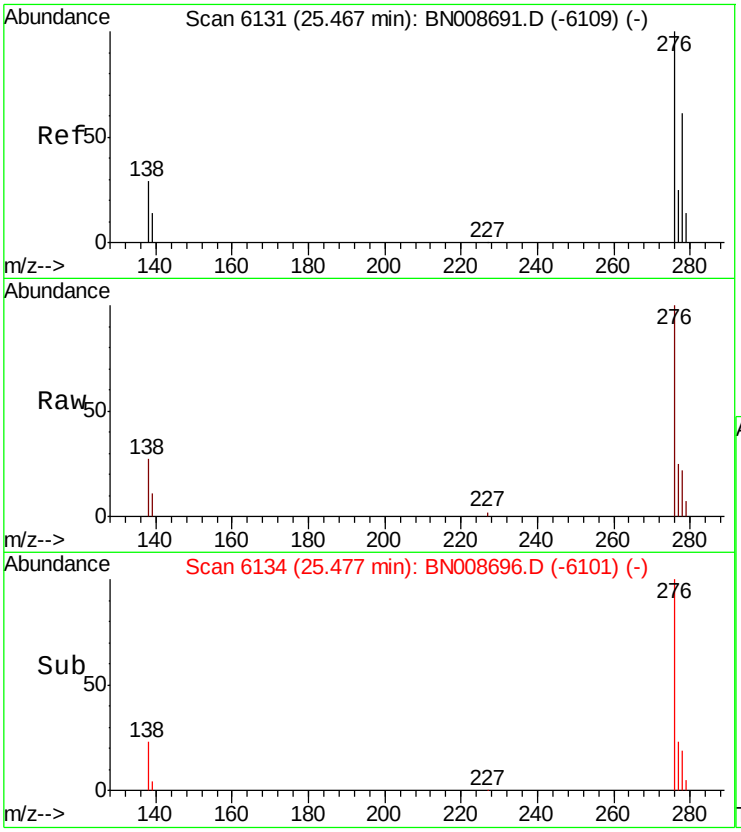


#23
Benzo(a)pyrene
Concen: 4.292 ng/ul
RT: 23.25 min Scan# 5392
Delta R.T. 0.01 min
Lab File: BN008696.D
Acq: 22 Nov 2019 03:39

Tgt Ion:252 Resp: 242568

Ion	Ratio	Lower	Upper
252	100		
253	23.9	21.4	32.2
125	22.2	13.8	20.8#





#24
Indeno(1,2,3-cd)pyrene
Concen: 2.456 ng/ul
RT: 25.48 min Scan# 6134
Delta R.T. 0.01 min
Lab File: BN008696.D
Acq: 22 Nov 2019 03:39

Tgt Ion:276 Resp: 162310

Ion	Ratio	Lower	Upper
276	100		
138	24.5	21.7	32.5
227	0.0	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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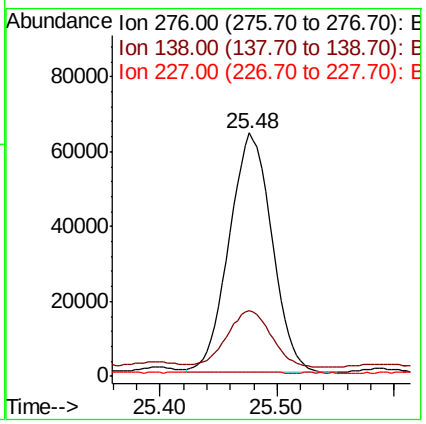
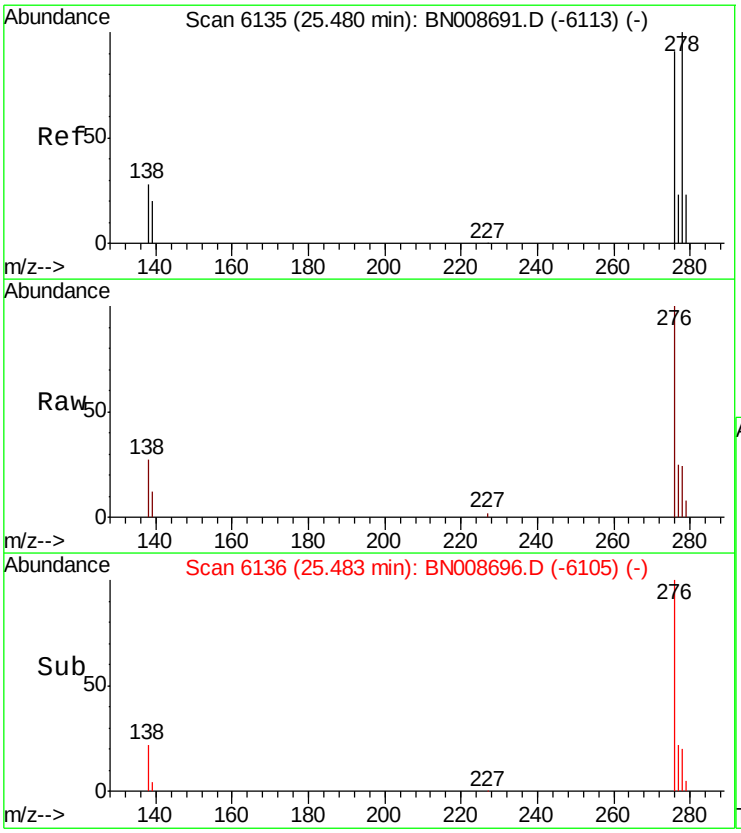
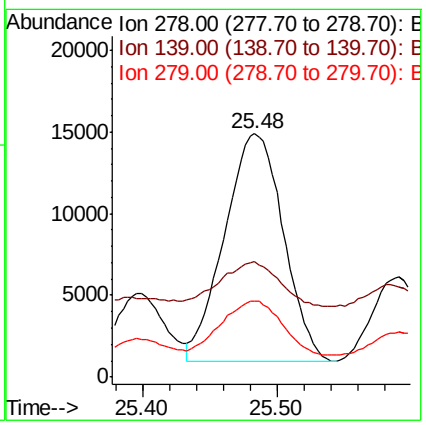


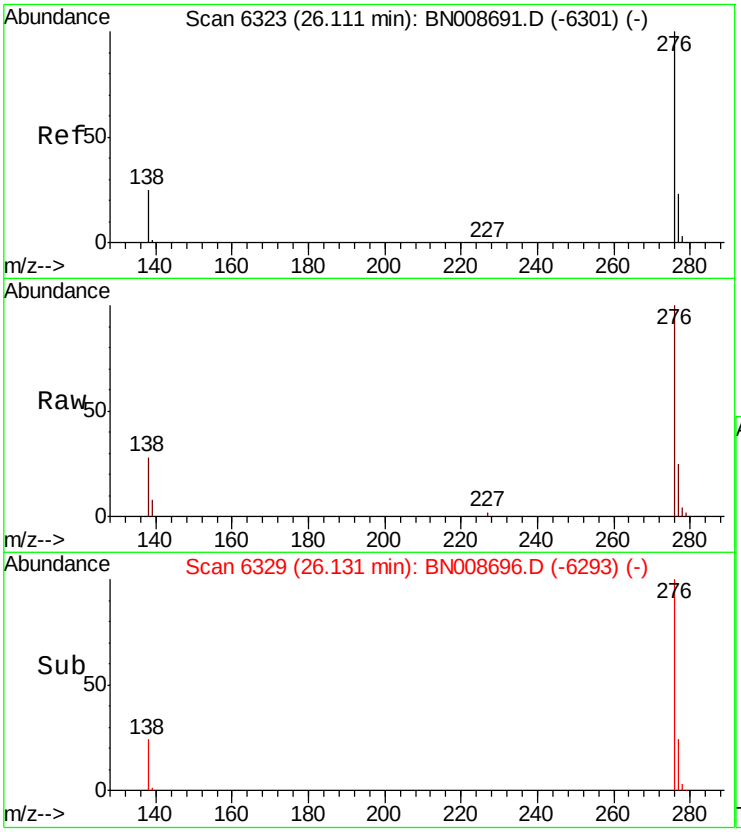


#25
Dibenzo(a,h)anthracene
Concen: 0.791 ng/ul
RT: 25.48 min Scan# 6136
Delta R.T. 0.00 min
Lab File: BN008696.D
Acq: 22 Nov 2019 03:39

Tgt Ion:278 Resp: 42243

Ion	Ratio	Lower	Upper
278	100		
139	47.5	18.7	28.1#
279	31.1	20.8	31.2

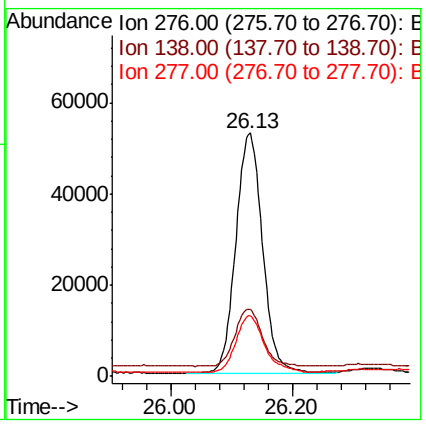




#26
Benzo(g,h,i)perylene
Concen: 2.889 ng/ul
RT: 26.13 min Scan# 6329
Delta R.T. 0.02 min
Lab File: BN008696.D
Acq: 22 Nov 2019 03:39

Tgt Ion:276 Resp: 159745

Ion	Ratio	Lower	Upper
276	100		
138	27.8	20.0	30.0
277	24.9	20.0	30.0



Instrument :
BNA_N
ClientSampleId :
C0AD1

Manual Integrations APPROVED
mohammad
11/22/2019 1:24:03 PM