Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081219\
Data File : BM022054.D
Acq On : 13 Aug 2019 05:21
Operator : HP/JU
Sample : K4041-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT5

Manual Integrations APPROVED
mohammad
8/14/2019 2:48:30 AM

Quant Time: Aug 13 09:21:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 08:25:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	1012	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.38	136	4087	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.26	164	2150	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	4995m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.22	240	4813m	0.40	ng/ul	-0.02
20) Perylene-d12	23.43	264	4929m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1337	0.20	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	3627m	0.22	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.43	128	1124	0.097	ng/ul#	92
5) 2-Methylnaphthalene	12.07	142	411	0.053	ng/ul	94
7) Acenaphthylene	13.98	152	3775	0.376	ng/ul#	83
8) Acenaphthene	14.32	153	514	0.063	ng/ul	94
9) Fluorene	15.32	166	838	0.092	ng/ul#	94
12) Phenanthrene	17.06	178	15677m	1.079	ng/ul	
13) Anthracene	17.15	178	5405m	0.436	ng/ul	
15) Fluoranthene	19.08	202	39777m	2.043	ng/ul	
17) Pyrene	19.45	202	42515	2.150	ng/ul	99
18) Benzo(a)anthracene	21.20	228	19552	1.136	ng/ul	97
19) Chrysene	21.26	228	24249	1.095	ng/ul	97
21) Benzo(b)fluoranthene	22.77	252	33429m	2.011	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	13467m	0.716	ng/ul	
23) Benzo(a)pyrene	23.33	252	22967	1.359	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.64	276	17826	0.883	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.64	278	4163	0.255	ng/ul#	85
26) Benzo(g,h,i)perylene	26.31	276	17616	0.970	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081219\
Data File : BM022054.D
Acq On : 13 Aug 2019 05:21
Operator : HP/JU
Sample : K4041-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Aug 13 09:21:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 08:25:01 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENT5

Manual Integrations APPROVED
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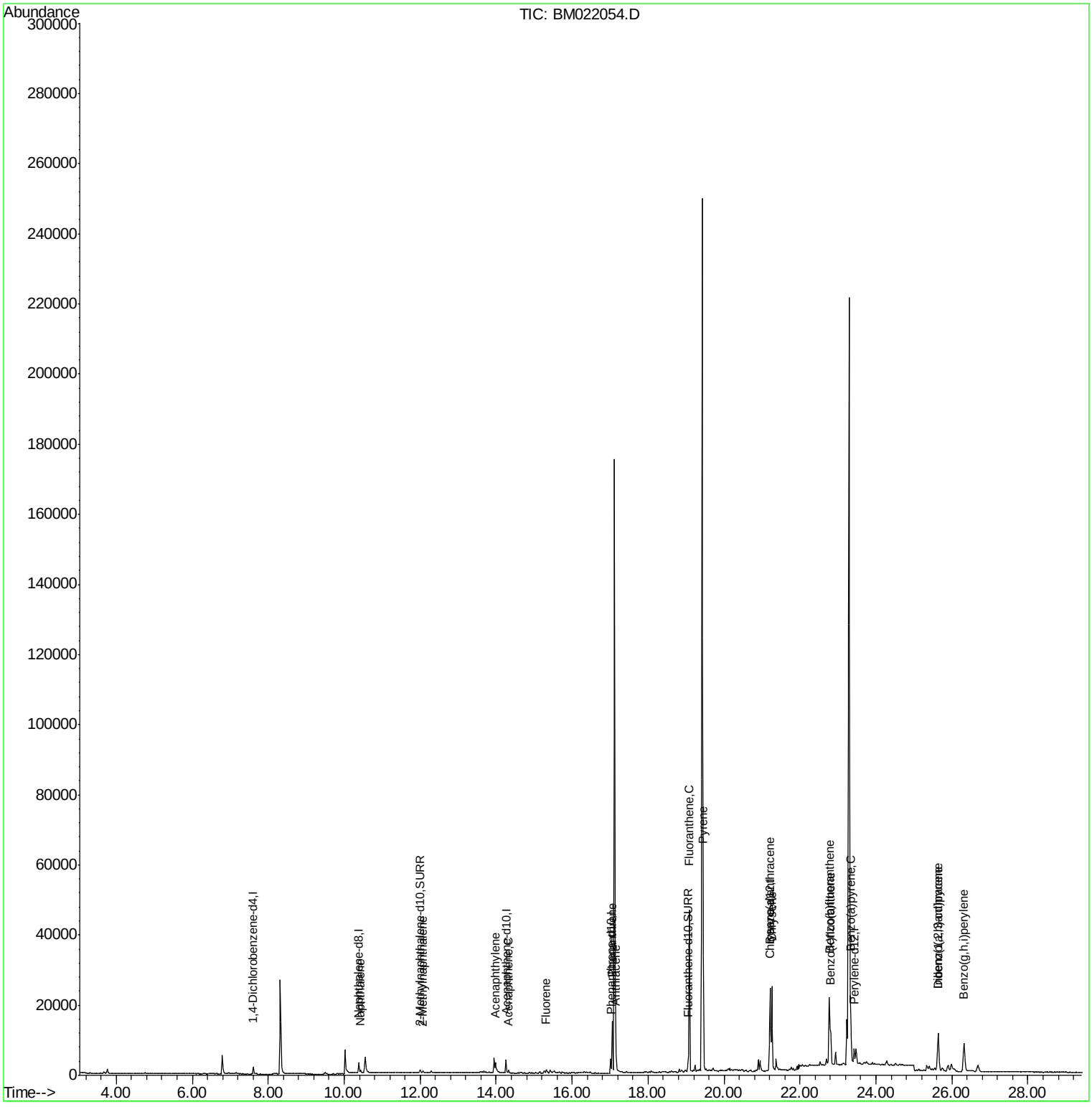

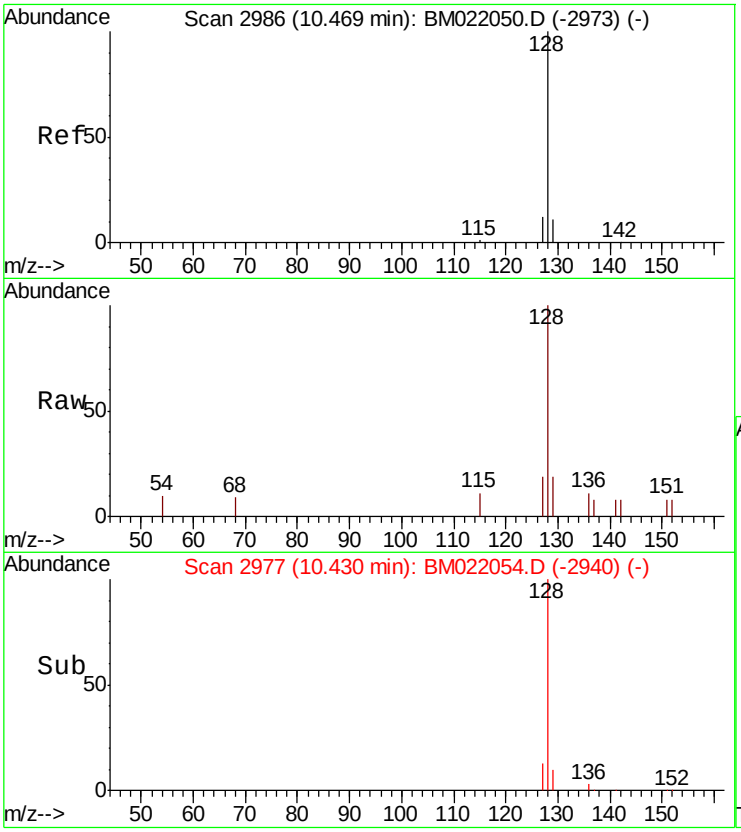

#3
Naphthalene
Concen: 0.097 ng/ul
RT: 10.43 min Scan# 2977
Delta R.T. -0.03 min
Lab File: BM022054.D
Acq: 13 Aug 2019 05:21

Tgt Ion:128 Resp: 1124

Ion	Ratio	Lower	Upper
128	100		
129	18.8	12.3	18.5#
127	19.4	13.0	19.6

Instrument :
BNA_M
ClientSampleId :
BENT5

Manual Integrations APPROVED
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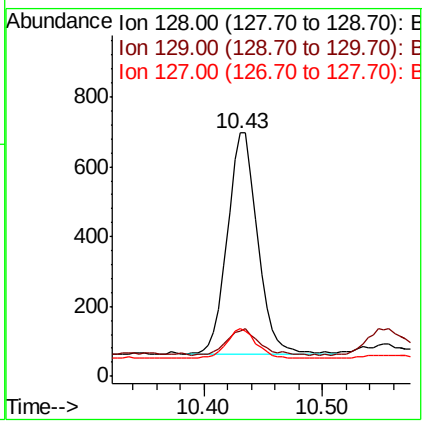
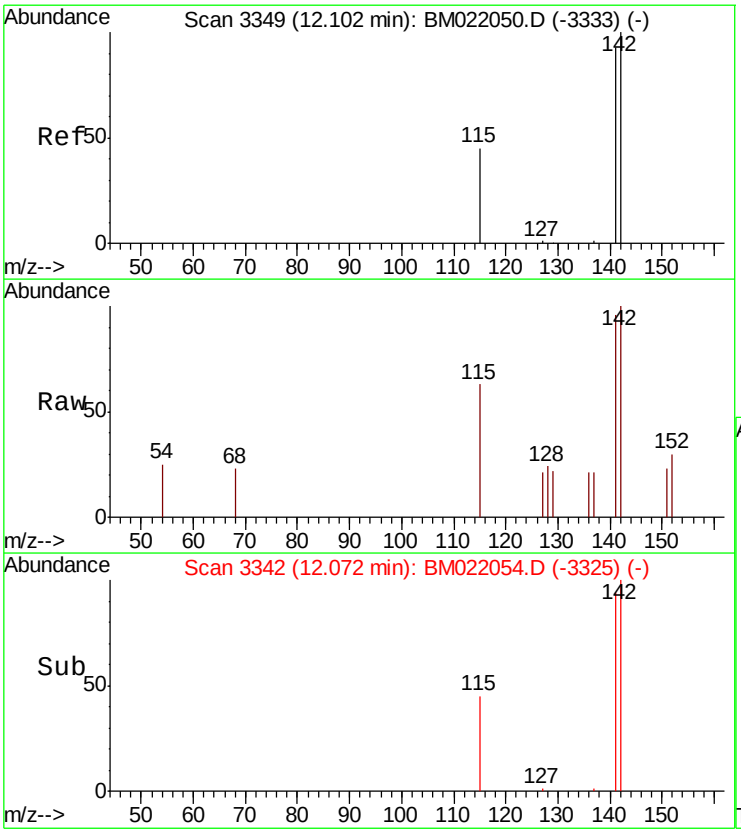
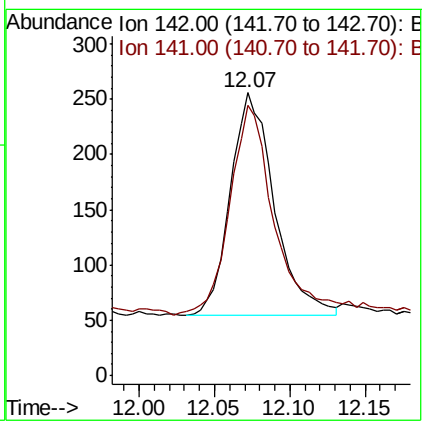


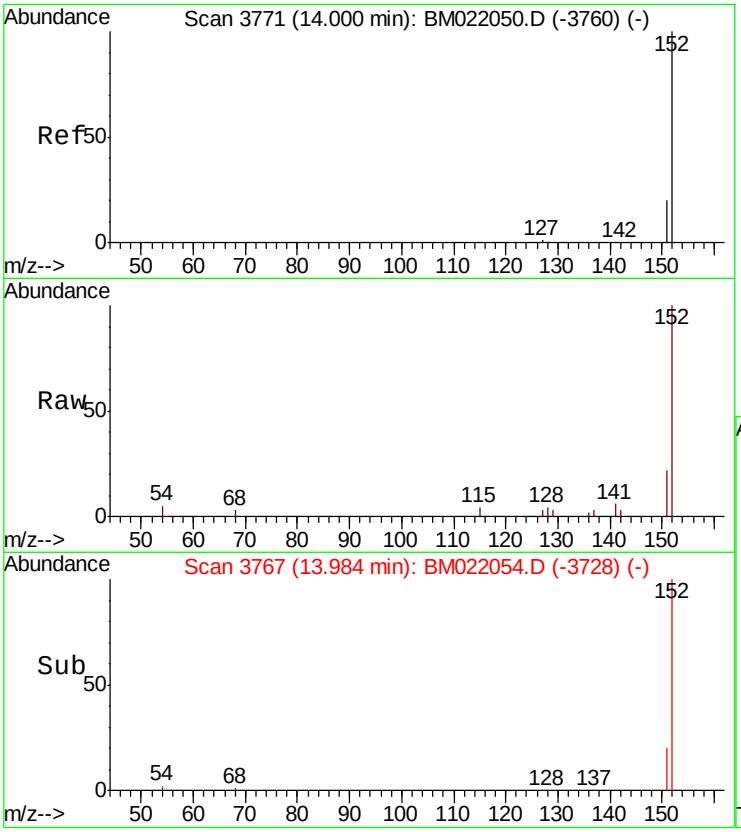


#5
2-Methylnaphthalene
Concen: 0.053 ng/ul
RT: 12.07 min Scan# 3342
Delta R.T. -0.02 min
Lab File: BM022054.D
Acq: 13 Aug 2019 05:21

Tgt Ion:142 Resp: 411

Ion	Ratio	Lower	Upper
142	100		
141	98.3	74.3	111.5





#7
Acenaphthylene
Concen: 0.376 ng/ul
RT: 13.98 min Scan# 3767
Delta R.T. -0.02 min
Lab File: BM022054.D
Acq: 13 Aug 2019 05:21

Tgt Ion:152 Resp: 3775

Ion	Ratio	Lower	Upper
152	100		
151	22.0	18.3	27.5
153	0.0	12.8	19.2#

Instrument :
BNA_M
ClientSampleId :
BENT5

Manual Integrations APPROVED
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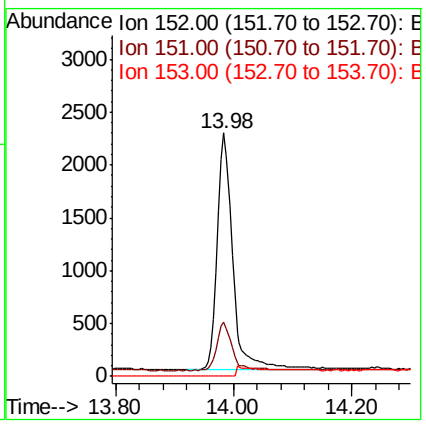
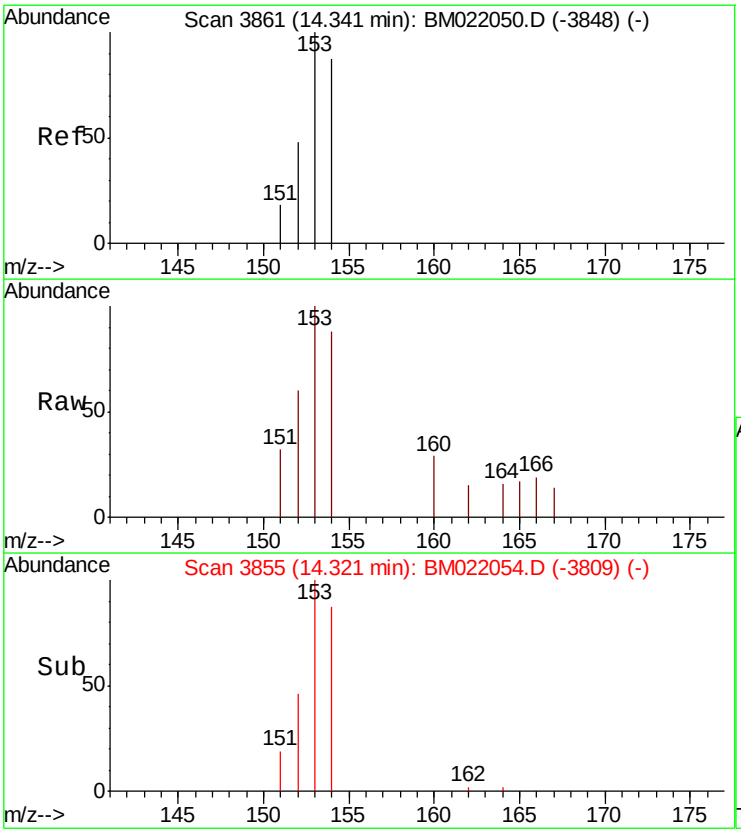
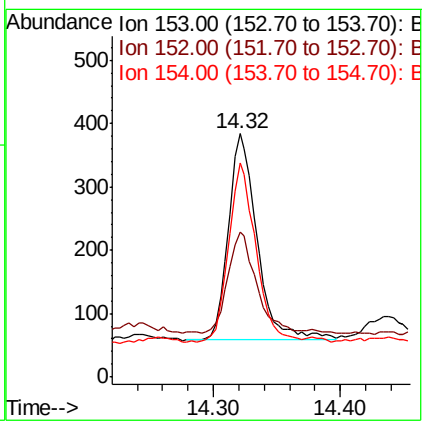


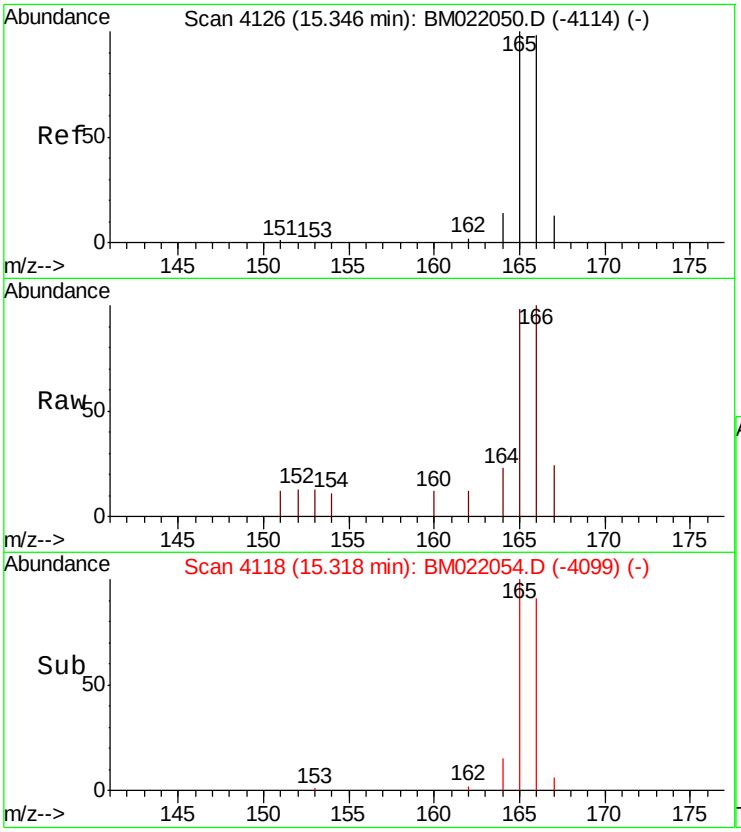


#8
Acenaphthene
Concen: 0.063 ng/ul
RT: 14.32 min Scan# 3855
Delta R.T. -0.02 min
Lab File: BM022054.D
Acq: 13 Aug 2019 05:21

Tgt Ion:153 Resp: 514

Ion	Ratio	Lower	Upper
153	100		
152	59.6	41.3	61.9
154	88.0	72.3	108.5





#9
Fluorene
Concen: 0.092 ng/ul
RT: 15.32 min Scan# 4118
Delta R.T. -0.03 min
Lab File: BM022054.D
Acq: 13 Aug 2019 05:21

Tgt Ion:166 Resp: 838

Ion	Ratio	Lower	Upper
166	100		
165	97.7	81.4	122.0
167	23.6	13.7	20.5#

Instrument :
BNA_M
ClientSampleId :
BENT5

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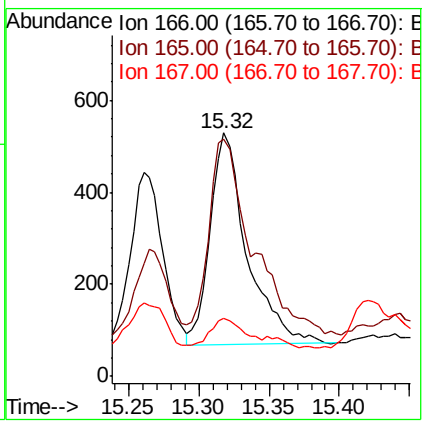
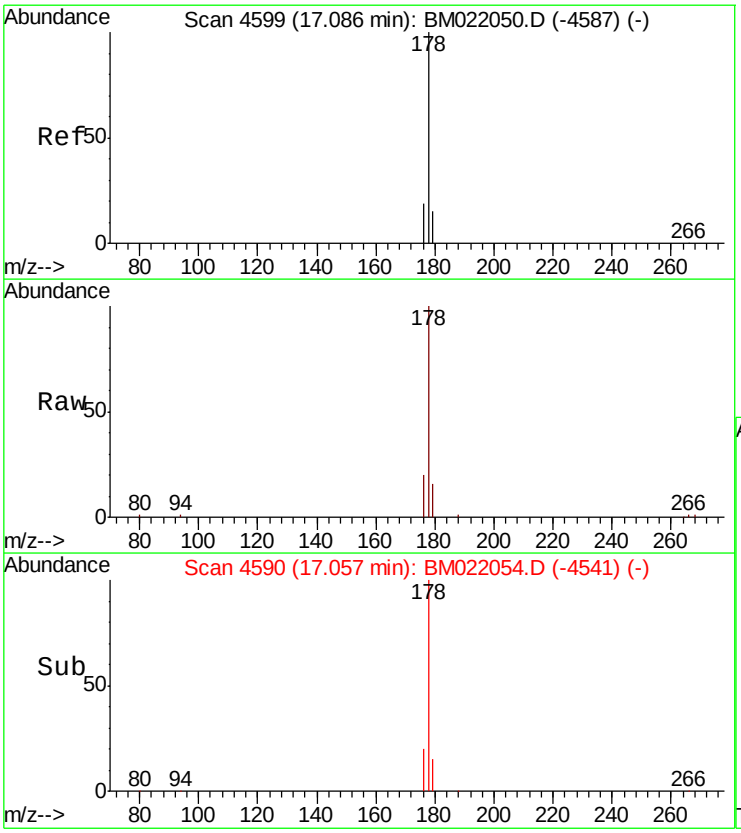
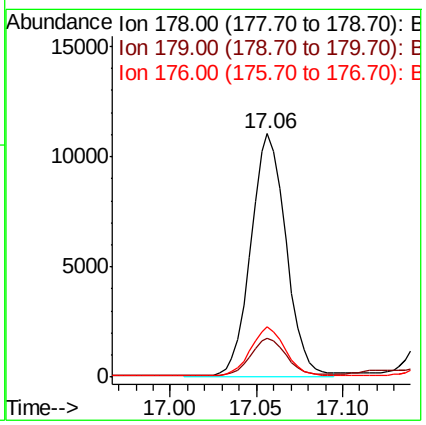


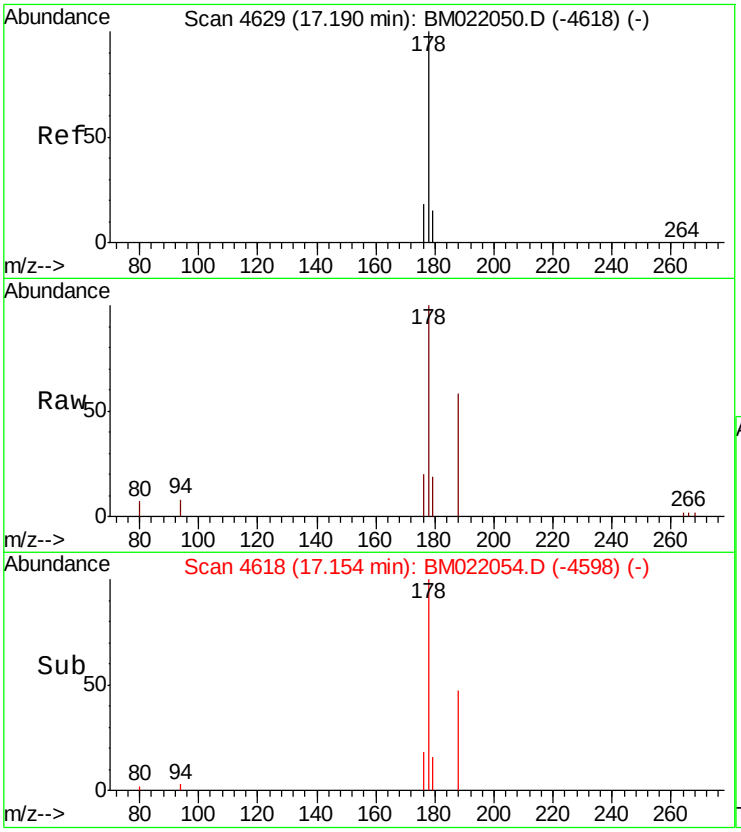


#12
Phenanthrene
Concen: 1.079 ng/ul m
RT: 17.06 min Scan# 4590
Delta R.T. -0.03 min
Lab File: BM022054.D
Acq: 13 Aug 2019 05:21

Tgt Ion:178 Resp: 15677

Ion	Ratio	Lower	Upper
178	100		
179	16.1	14.2	21.2
176	20.5	16.8	25.2

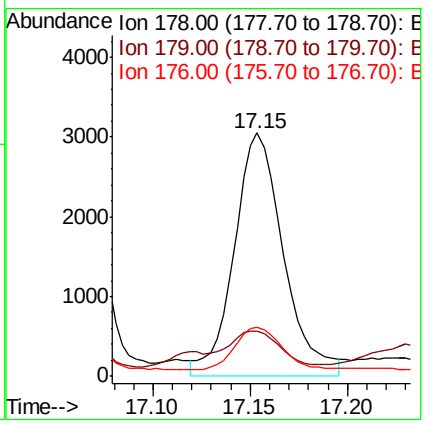




#13
Anthracene
Concen: 0.436 ng/ul m
RT: 17.15 min Scan# 4618
Delta R.T. -0.03 min
Lab File: BM022054.D
Acq: 13 Aug 2019 05:21

Tgt Ion:178 Resp: 5405

Ion	Ratio	Lower	Upper
178	100		
179	18.7	15.5	23.3
176	20.1	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
BENT5

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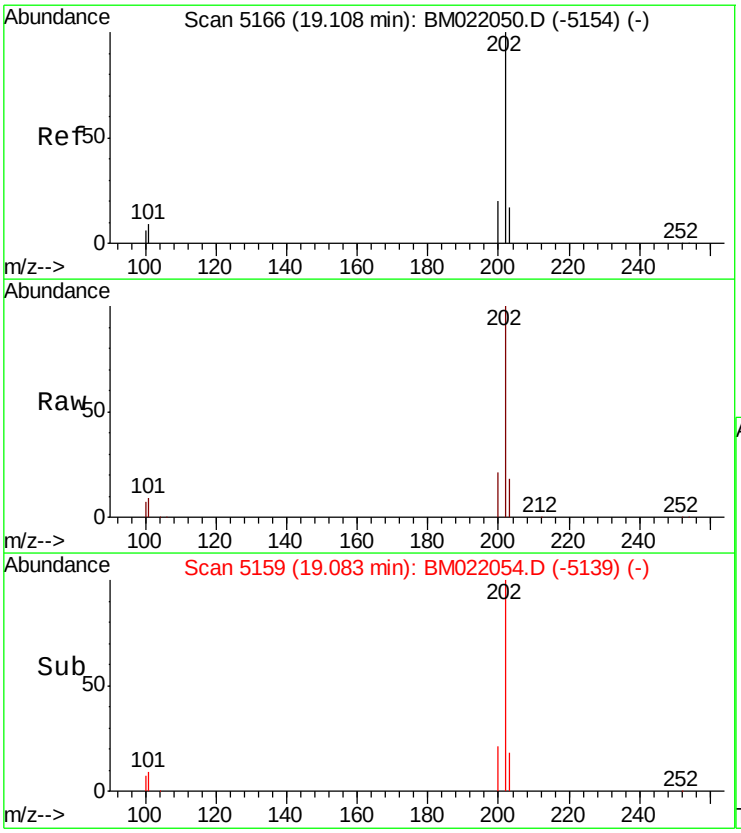
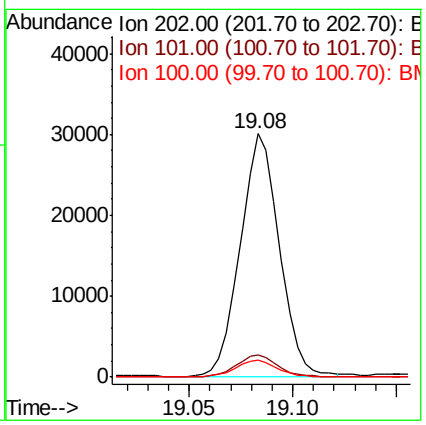
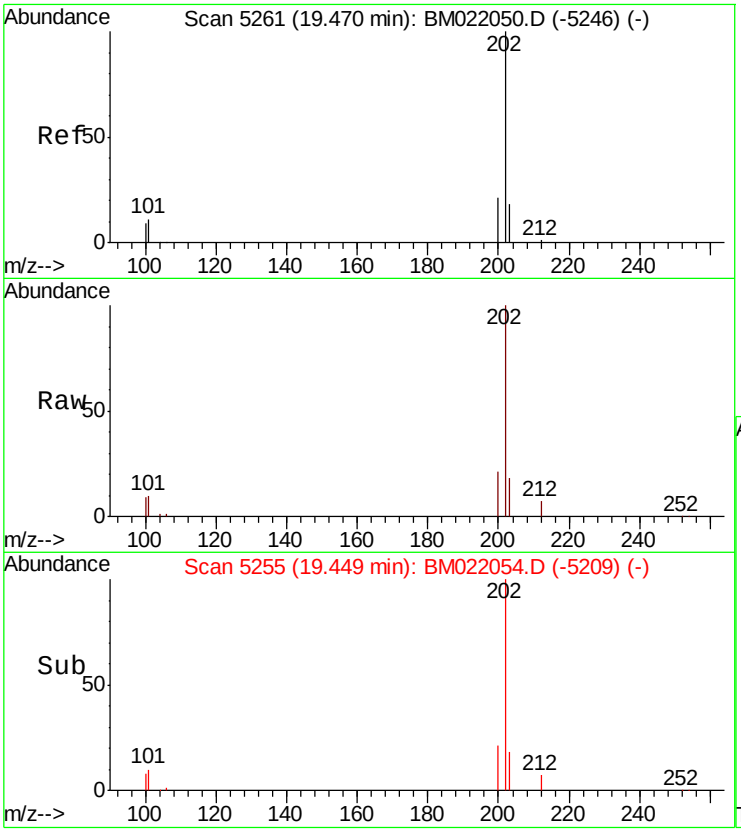


#15
Fluoranthene
Concen: 2.043 ng/ul m
RT: 19.08 min Scan# 5159
Delta R.T. -0.02 min
Lab File: BM022054.D
Acq: 13 Aug 2019 05:21

Tgt Ion:202 Resp: 39777

Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	30.2
100	6.9	0.0	28.1





#17
Pyrene
Concen: 2.150 ng/ul
RT: 19.45 min Scan# 5255
Delta R.T. -0.02 min
Lab File: BM022054.D
Acq: 13 Aug 2019 05:21

Tgt Ion:202 Resp: 42515

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.3	12.5
100	8.6	7.2	10.8

Instrument :
BNA_M
ClientSampleId :
BENT5

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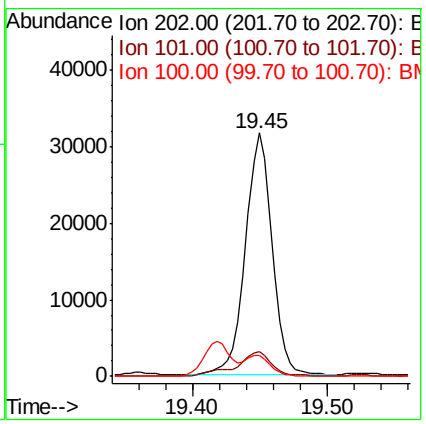
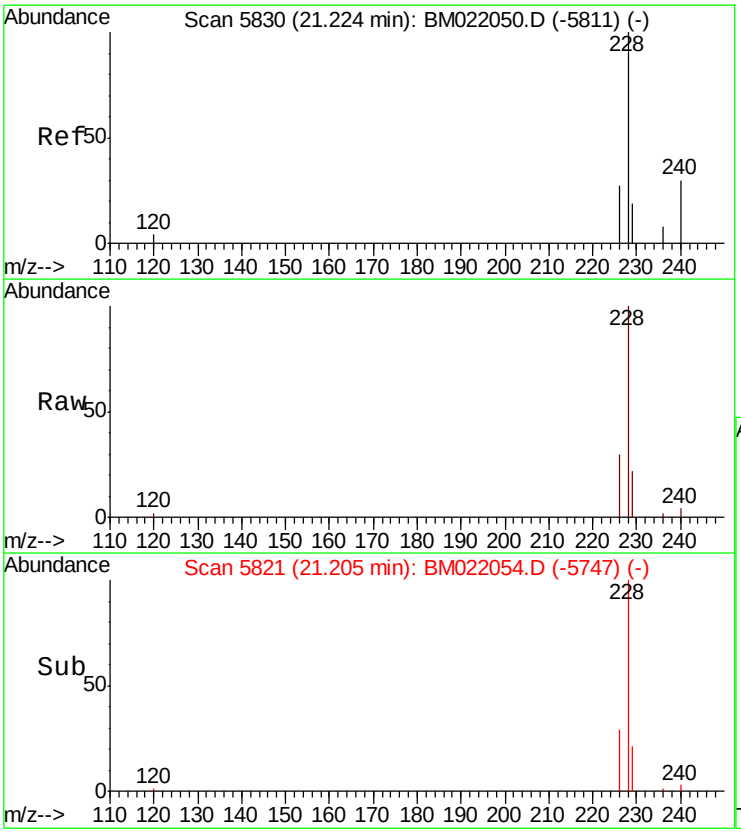
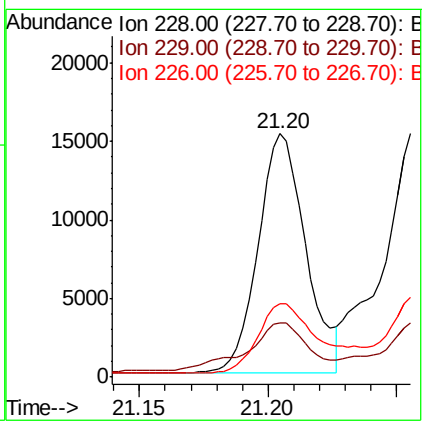


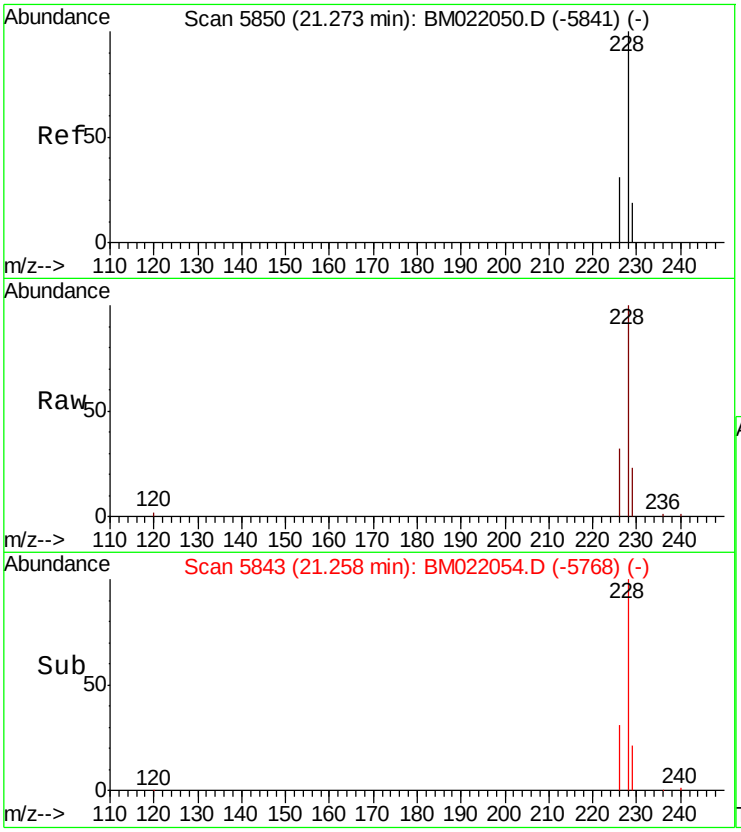


#18
Benzo(a)anthracene
Concen: 1.136 ng/ul
RT: 21.20 min Scan# 5821
Delta R.T. -0.02 min
Lab File: BM022054.D
Acq: 13 Aug 2019 05:21

Tgt Ion:228 Resp: 19552

Ion	Ratio	Lower	Upper
228	100		
229	22.4	17.2	25.8
226	30.2	22.6	34.0

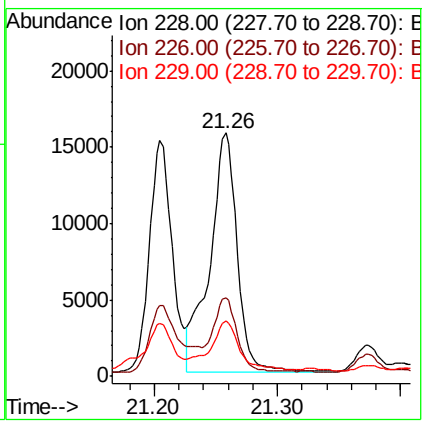




#19
Chrysene
Concen: 1.095 ng/ul
RT: 21.26 min Scan# 5843
Delta R.T. -0.02 min
Lab File: BM022054.D
Acq: 13 Aug 2019 05:21

Tgt Ion:228 Resp: 24249

Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.9	37.3
229	22.6	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
BENT5

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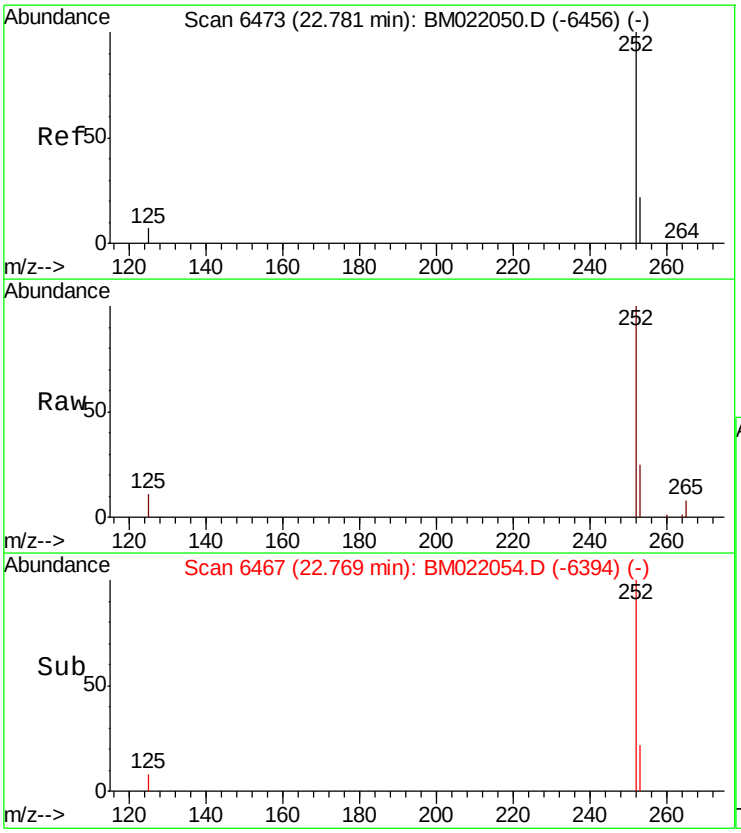
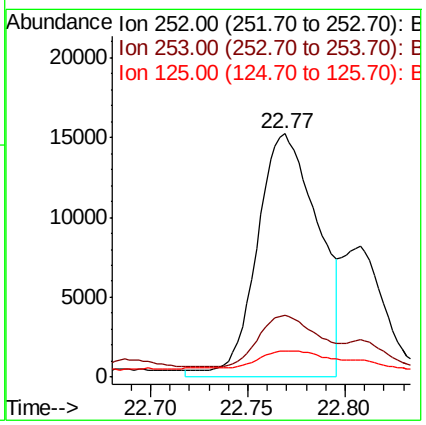
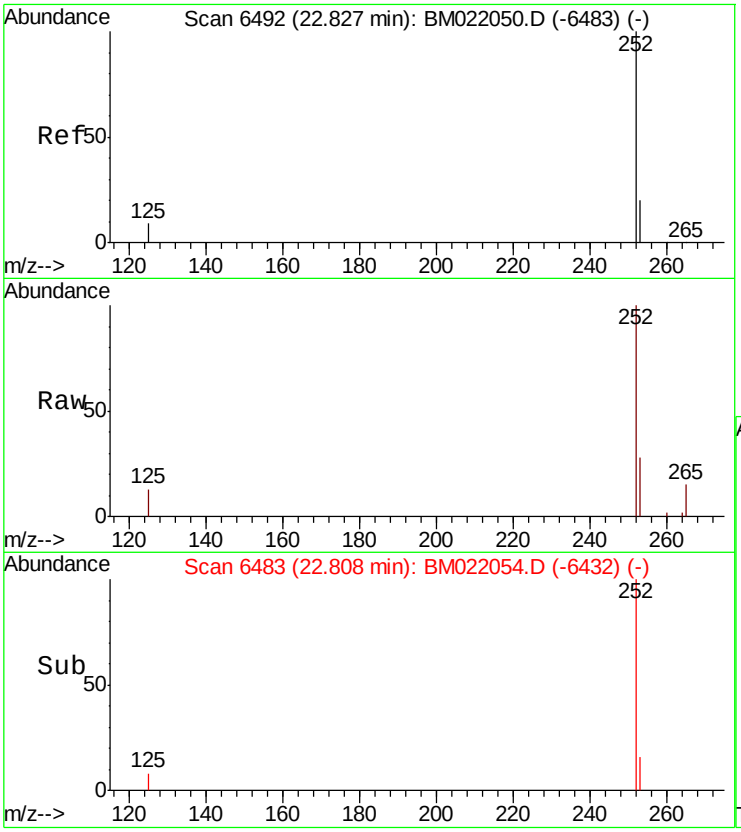


#21
Benzo(b)fluoranthene
Concen: 2.011 ng/ul m
RT: 22.77 min Scan# 6467
Delta R.T. -0.02 min
Lab File: BM022054.D
Acq: 13 Aug 2019 05:21

Tgt Ion:252 Resp: 33429

Ion	Ratio	Lower	Upper
252	100		
253	25.4	0.0	67.4
125	10.8	0.0	31.0





#22
Benzo(k)fluoranthene
Concen: 0.716 ng/ul m
RT: 22.81 min Scan# 6483
Delta R.T. -0.03 min
Lab File: BM022054.D
Acq: 13 Aug 2019 05:21

Tgt Ion:252 Resp: 13467

Ion	Ratio	Lower	Upper
252	100		
253	28.5	27.0	40.4
125	13.0	12.2	18.2

Instrument :
BNA_M
ClientSampleId :
BENT5

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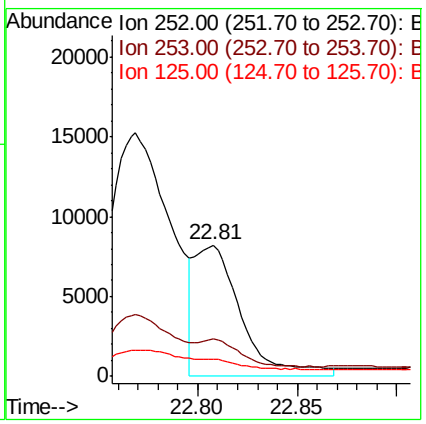
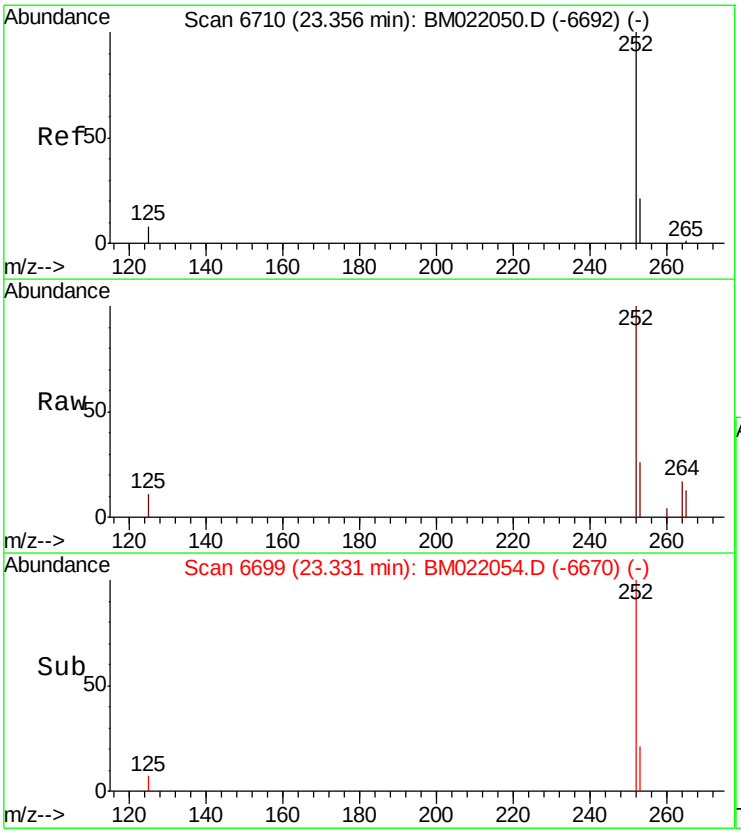
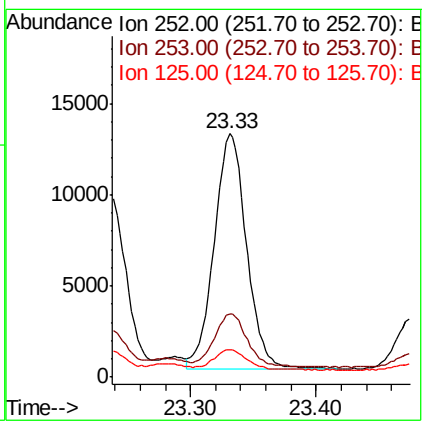


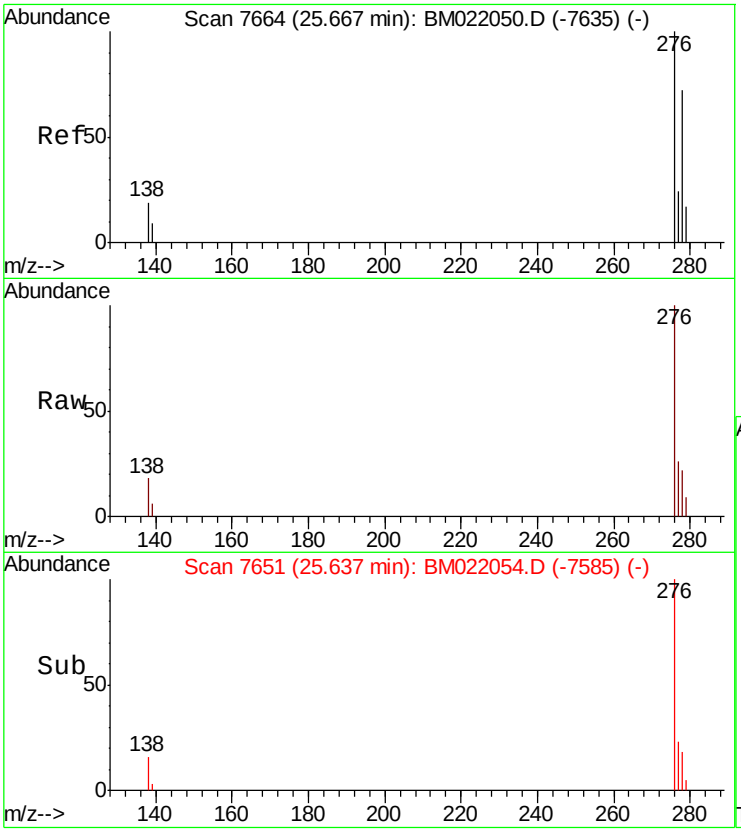


#23
Benzo(a)pyrene
Concen: 1.359 ng/ul
RT: 23.33 min Scan# 6699
Delta R.T. -0.03 min
Lab File: BM022054.D
Acq: 13 Aug 2019 05:21

Tgt Ion:252 Resp: 22967

Ion	Ratio	Lower	Upper
252	100		
253	25.7	31.7	47.5#
125	11.3	14.6	21.8#

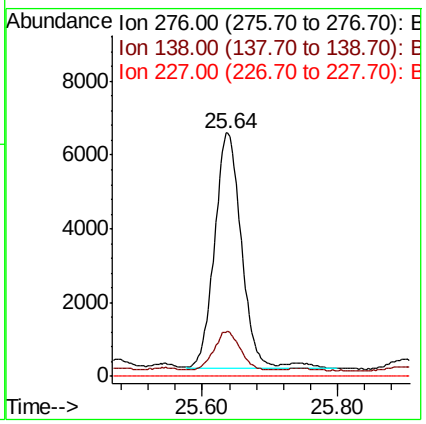




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.883 ng/ul
RT: 25.64 min Scan# 7651
Delta R.T. -0.04 min
Lab File: BM022054.D
Acq: 13 Aug 2019 05:21

Tgt Ion:276 Resp: 17826

Ion	Ratio	Lower	Upper
276	100		
138	15.6	15.1	22.7
227	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
BENT5

Manual Integrations APPROVED
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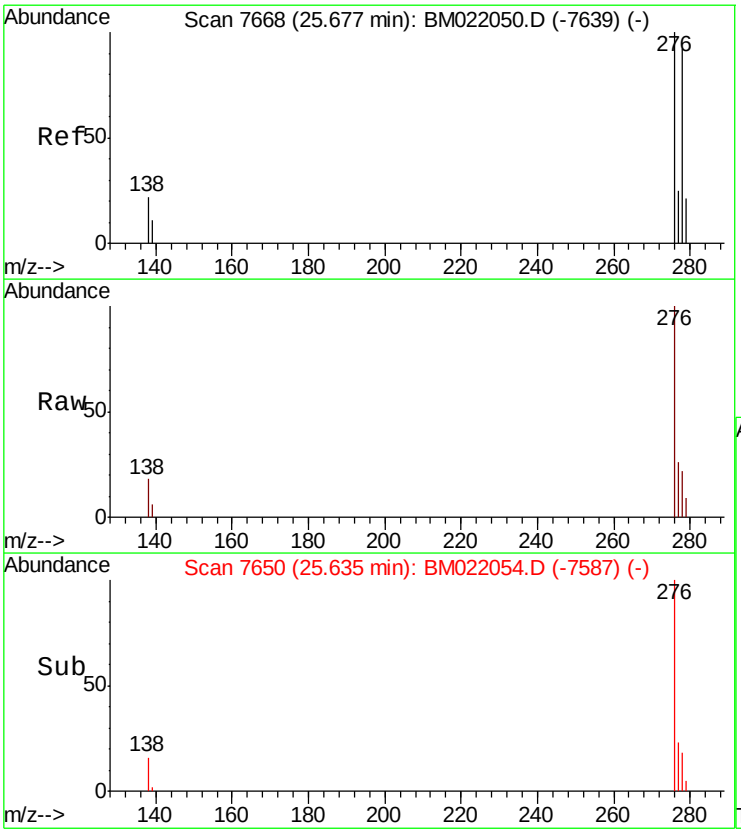
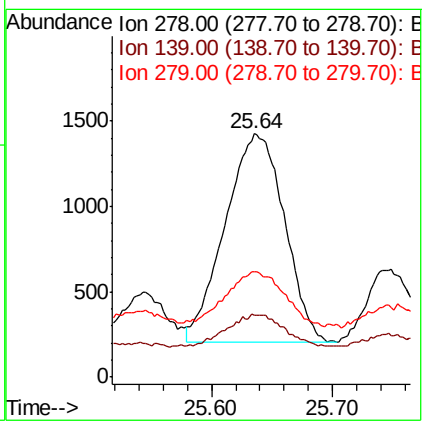
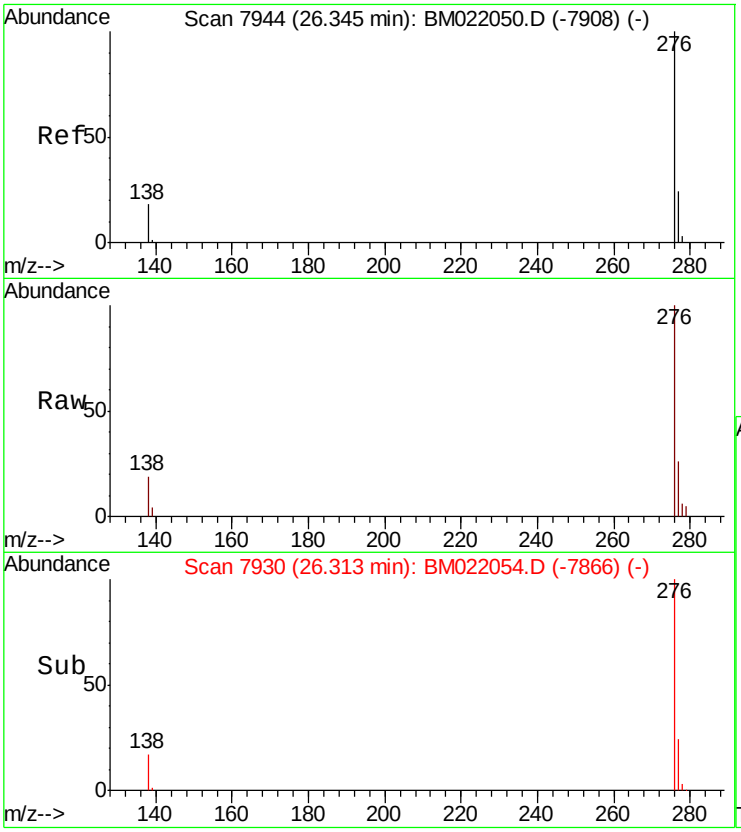


#25
Dibenzo(a,h)anthracene
Concen: 0.255 ng/ul
RT: 25.64 min Scan# 7650
Delta R.T. -0.05 min
Lab File: BM022054.D
Acq: 13 Aug 2019 05:21

Tgt Ion:278 Resp: 4163

Ion	Ratio	Lower	Upper
278	100		
139	25.6	14.2	21.2#
279	43.4	28.3	42.5#

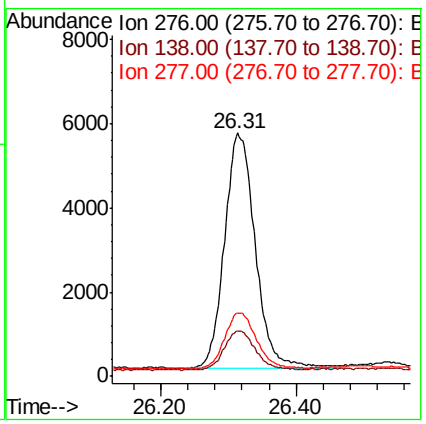




#26
Benzo(g,h,i)perylene
Concen: 0.970 ng/ul
RT: 26.31 min Scan# 7930
Delta R.T. -0.04 min
Lab File: BM022054.D
Acq: 13 Aug 2019 05:21

Tgt Ion:276 Resp: 17616

Ion	Ratio	Lower	Upper
276	100		
138	18.7	15.5	23.3
277	26.0	21.4	32.2



Instrument :
BNA_M
ClientSampleId :
BENT5

Manual Integrations APPROVED
mohammad
8/14/2019 2:48:30 AM