Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021933.D
Acq On : 08 Aug 2019 15:03
Operator : HP/JU
Sample : K4029-17
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT6

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mohammad
8/9/2019 6:12:51 AM

Quant Time: Aug 09 01:05:19 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	743	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.40	136	3167	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1805	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.03	188	4384m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	4350m	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	4279m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	1638	0.31	ng/ul	-0.02
14) Fluoranthene-d10	19.06	212	4866m	0.33	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.45	128	935	0.105	ng/ul#	91
5) 2-Methylnaphthalene	12.08	142	482	0.081	ng/ul	99
7) Acenaphthylene	14.00	152	3865	0.459	ng/ul#	83
8) Acenaphthene	14.34	153	1106	0.161	ng/ul	96
9) Fluorene	15.33	166	1704	0.223	ng/ul	99
12) Phenanthrene	17.07	178	35333m	2.770	ng/ul	
13) Anthracene	17.16	178	8869m	0.815	ng/ul	
15) Fluoranthene	19.09	202	81663m	4.779	ng/ul	
17) Pyrene	19.46	202	81295	4.548	ng/ul	99
18) Benzo(a)anthracene	21.21	228	48242m	3.100	ng/ul	
19) Chrysene	21.27	228	50983	2.548	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	58167m	4.031	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	20499m	1.255	ng/ul	
23) Benzo(a)pyrene	23.35	252	42109	2.870	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.66	276	26560	1.516	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.66	278	7778	0.549	ng/ul	97
26) Benzo(g,h,i)perylene	26.34	276	21598	1.369	ng/ul	98

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

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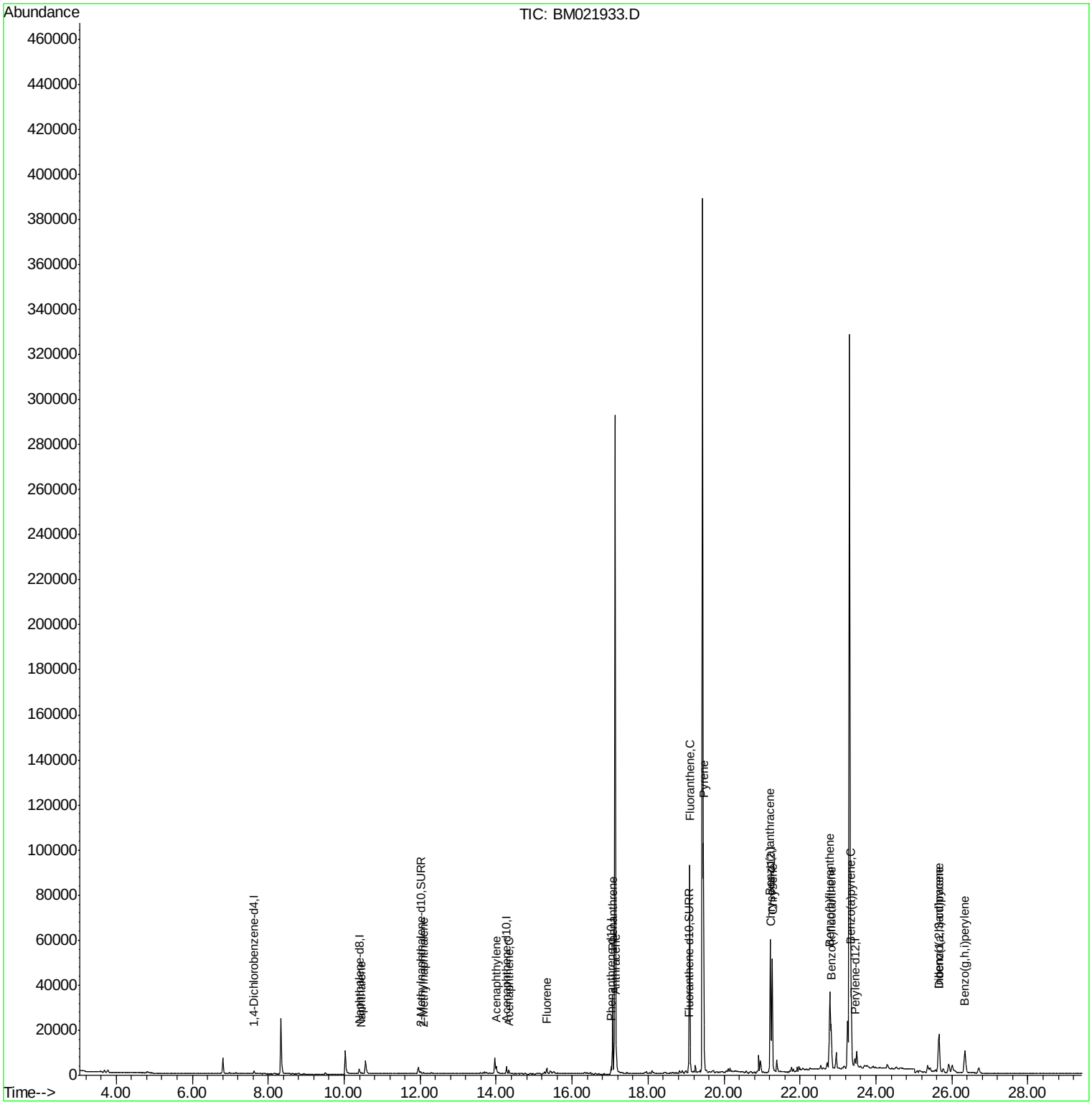

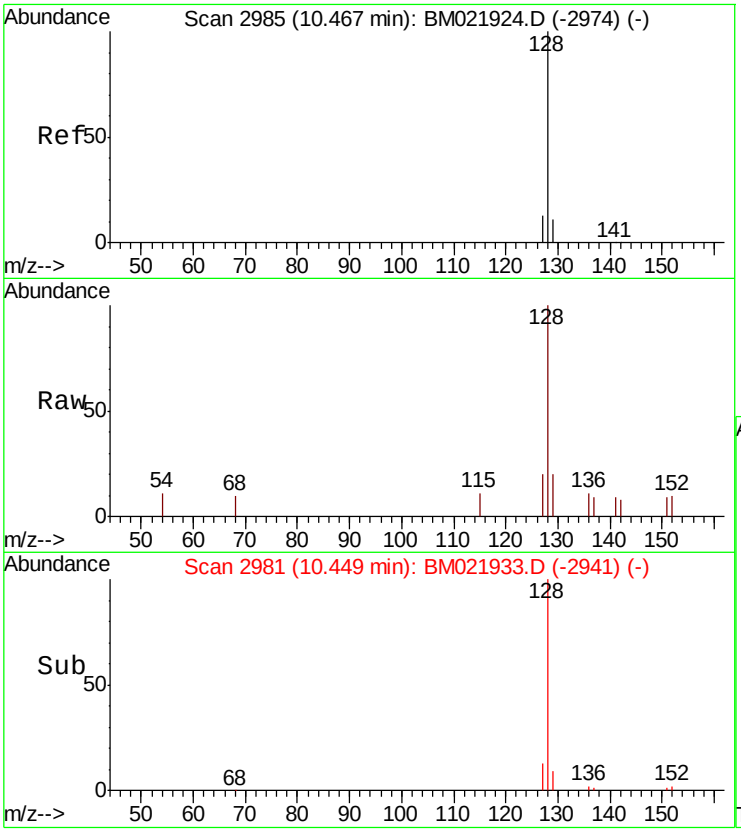

#3
Naphthalene
Concen: 0.105 ng/ul
RT: 10.45 min Scan# 2981
Delta R.T. -0.02 min
Lab File: BM021933.D
Acq: 08 Aug 2019 15:03

Tgt Ion:128 Resp: 935

Ion	Ratio	Lower	Upper
128	100		
129	19.6	12.3	18.5#
127	19.8	13.0	19.6#

Instrument :
BNA_M
ClientSampleId :
BENT6

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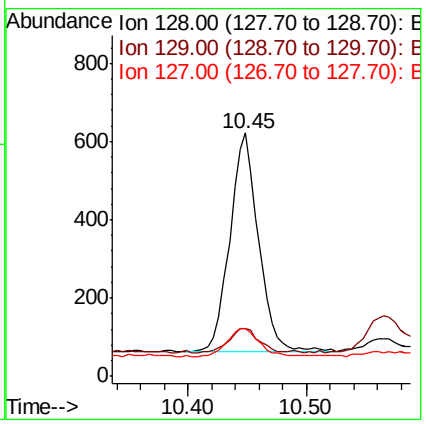
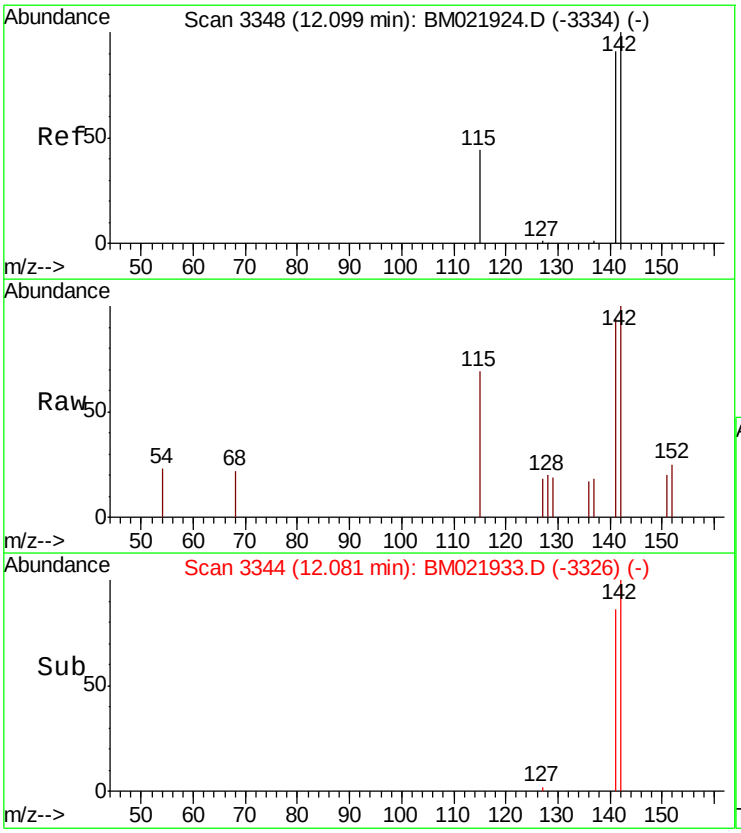
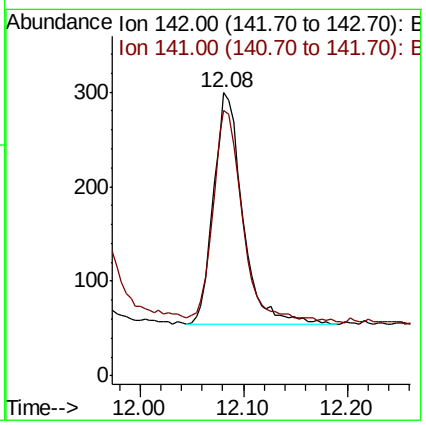


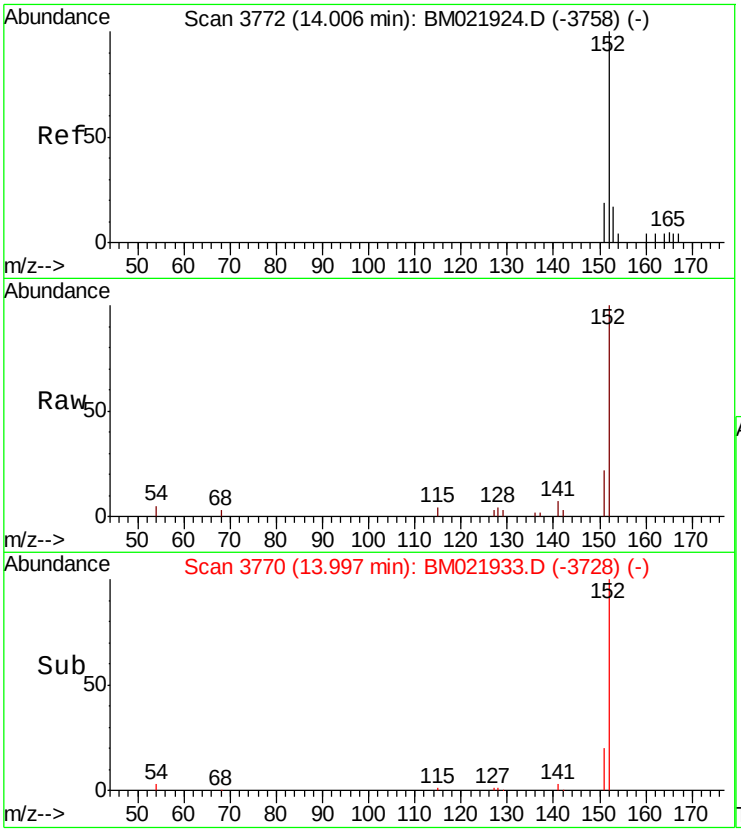


#5
2-Methylnaphthalene
Concen: 0.081 ng/ul
RT: 12.08 min Scan# 3344
Delta R.T. -0.02 min
Lab File: BM021933.D
Acq: 08 Aug 2019 15:03

Tgt Ion:142 Resp: 482

Ion	Ratio	Lower	Upper
142	100		
141	93.8	74.3	111.5

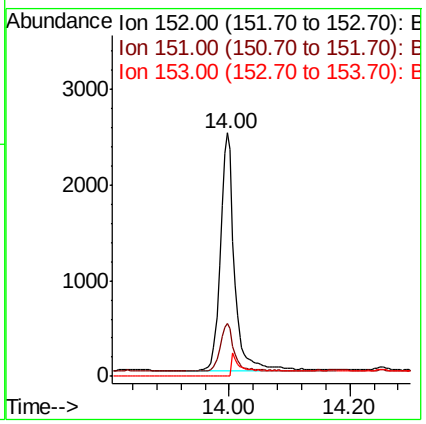




#7
Acenaphthylene
Concen: 0.459 ng/ul
RT: 14.00 min Scan# 3770
Delta R.T. -0.01 min
Lab File: BM021933.D
Acq: 08 Aug 2019 15:03

Tgt Ion:152 Resp: 3865

Ion	Ratio	Lower	Upper
152	100		
151	21.8	18.3	27.5
153	0.0	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
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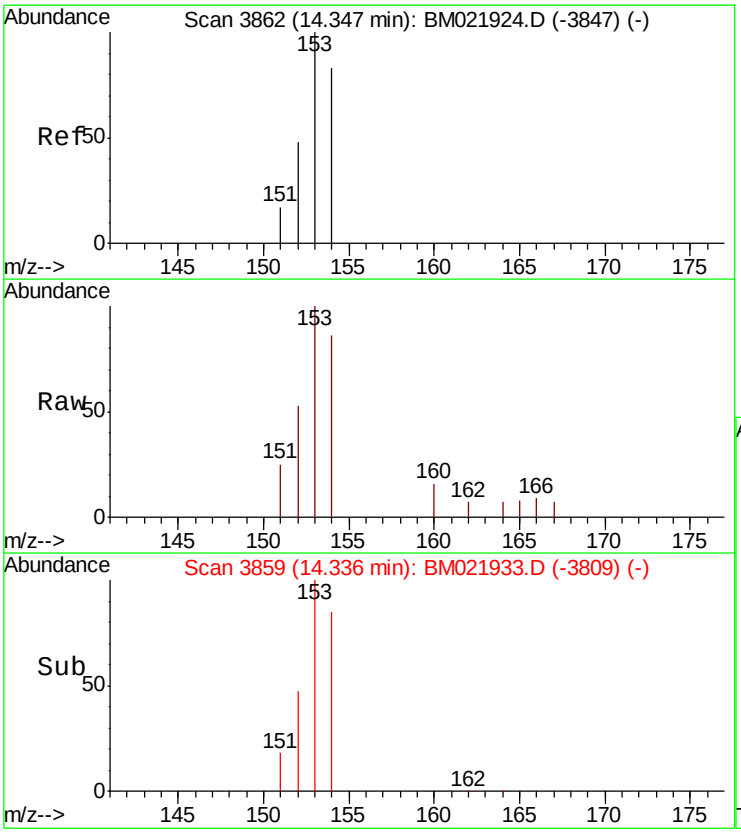
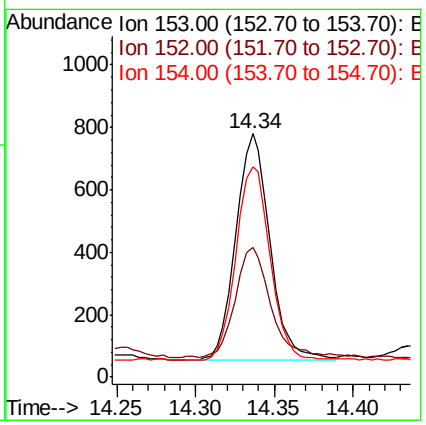
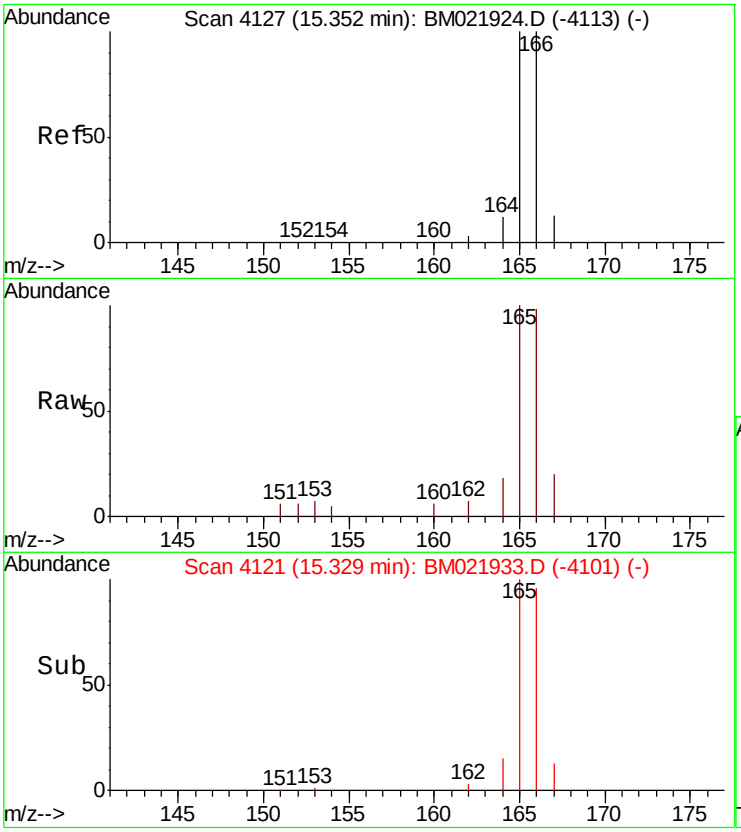


#8
Acenaphthene
Concen: 0.161 ng/ul
RT: 14.34 min Scan# 3859
Delta R.T. -0.01 min
Lab File: BM021933.D
Acq: 08 Aug 2019 15:03

Tgt Ion:153 Resp: 1106

Ion	Ratio	Lower	Upper
153	100		
152	53.5	41.3	61.9
154	86.2	72.3	108.5

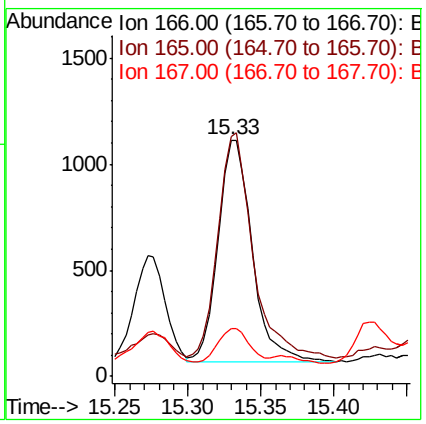




#9
Fluorene
Concen: 0.223 ng/ul
RT: 15.33 min Scan# 4121
Delta R.T. -0.02 min
Lab File: BM021933.D
Acq: 08 Aug 2019 15:03

Tgt Ion:166 Resp: 1704

Ion	Ratio	Lower	Upper
166	100		
165	101.5	81.4	122.0
167	20.3	13.7	20.5



Instrument :
BNA_M
ClientSampleId :
BENT6

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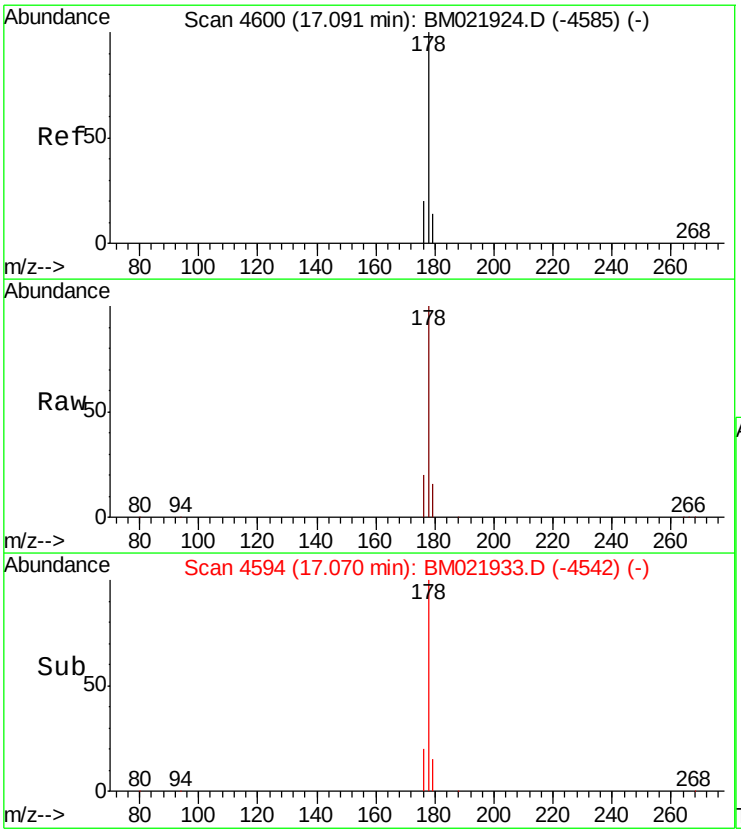
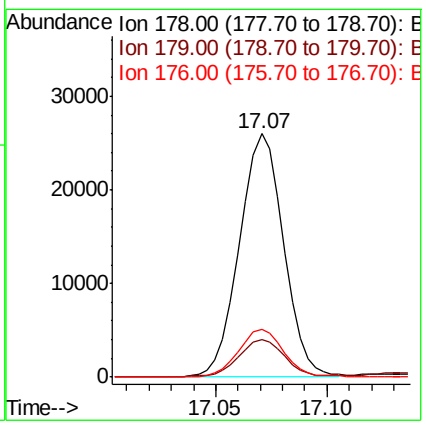
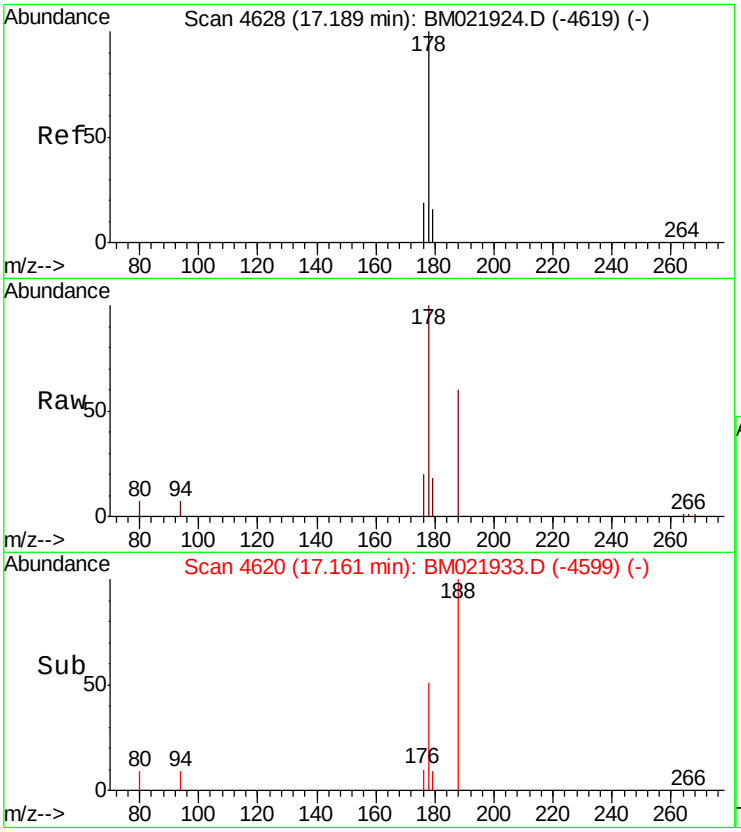


#12
Phenanthrene
Concen: 2.770 ng/ul m
RT: 17.07 min Scan# 4594
Delta R.T. -0.02 min
Lab File: BM021933.D
Acq: 08 Aug 2019 15:03

Tgt Ion:178 Resp: 35333

Ion	Ratio	Lower	Upper
178	100		
179	15.5	14.2	21.2
176	19.8	16.8	25.2

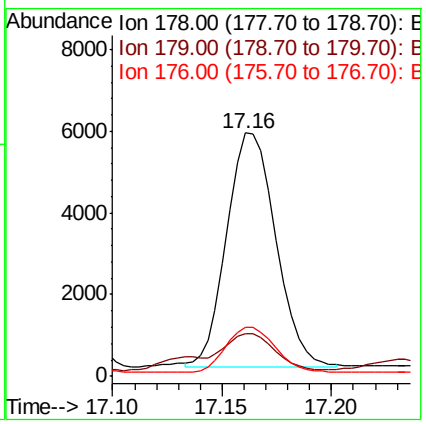




#13
Anthracene
Concen: 0.815 ng/ul m
RT: 17.16 min Scan# 4620
Delta R.T. -0.03 min
Lab File: BM021933.D
Acq: 08 Aug 2019 15:03

Tgt Ion:178 Resp: 8869

Ion	Ratio	Lower	Upper
178	100		
179	17.6	15.5	23.3
176	20.0	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
BENT6

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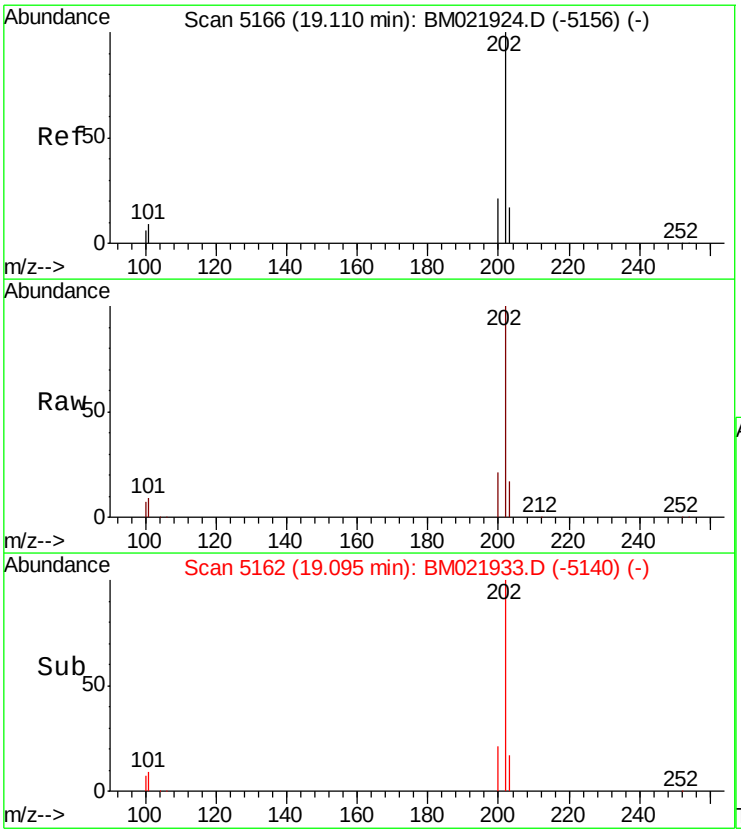
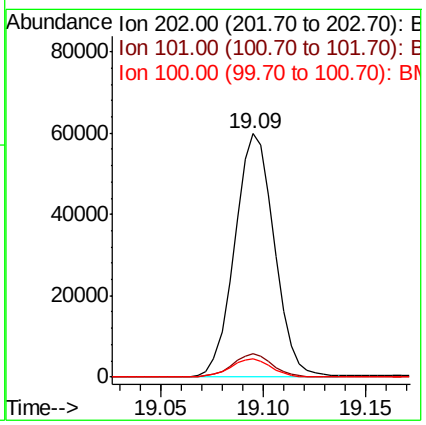
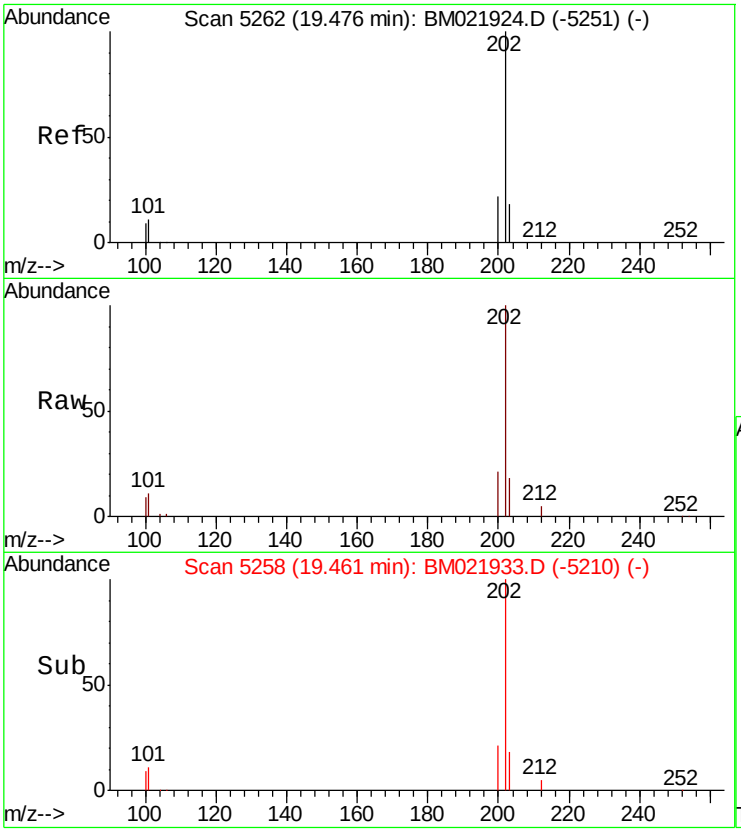


#15
Fluoranthene
Concen: 4.779 ng/ul m
RT: 19.09 min Scan# 5162
Delta R.T. -0.02 min
Lab File: BM021933.D
Acq: 08 Aug 2019 15:03

Tgt Ion:202 Resp: 81663

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	30.2
100	7.3	0.0	28.1





#17
Pyrene
Concen: 4.548 ng/ul
RT: 19.46 min Scan# 5258
Delta R.T. -0.02 min
Lab File: BM021933.D
Acq: 08 Aug 2019 15:03

Tgt Ion:202 Resp: 81295

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.3	12.5
100	8.8	7.2	10.8

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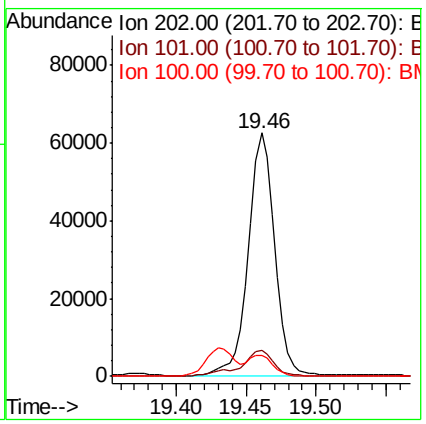
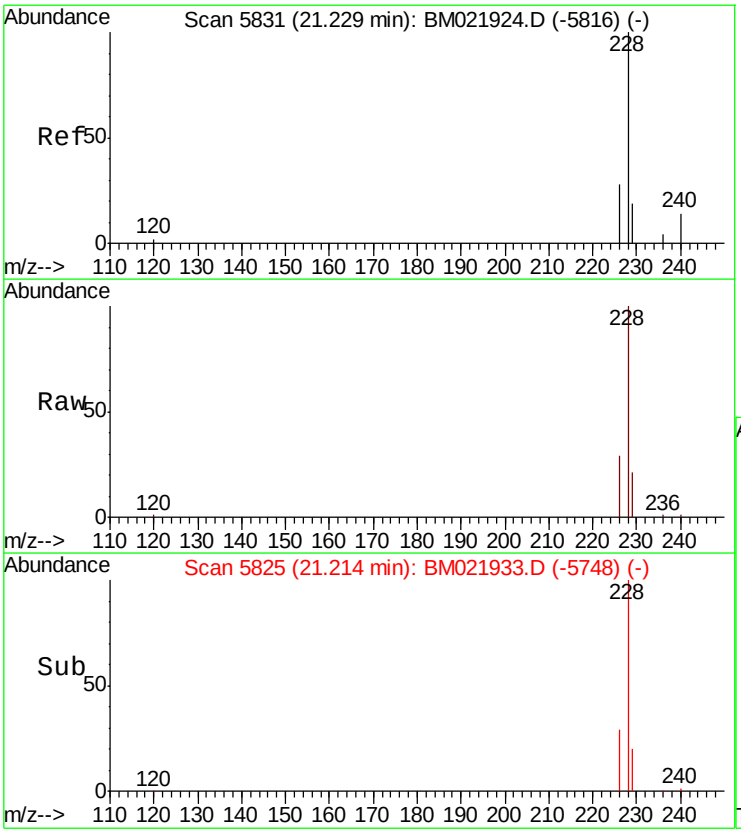
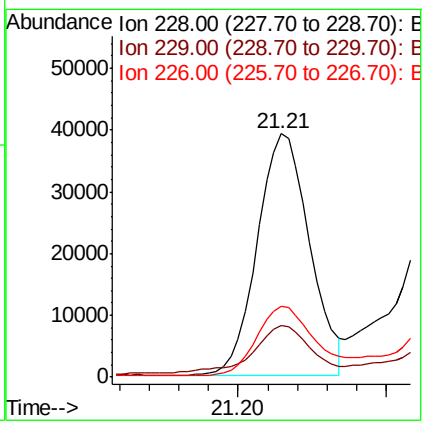


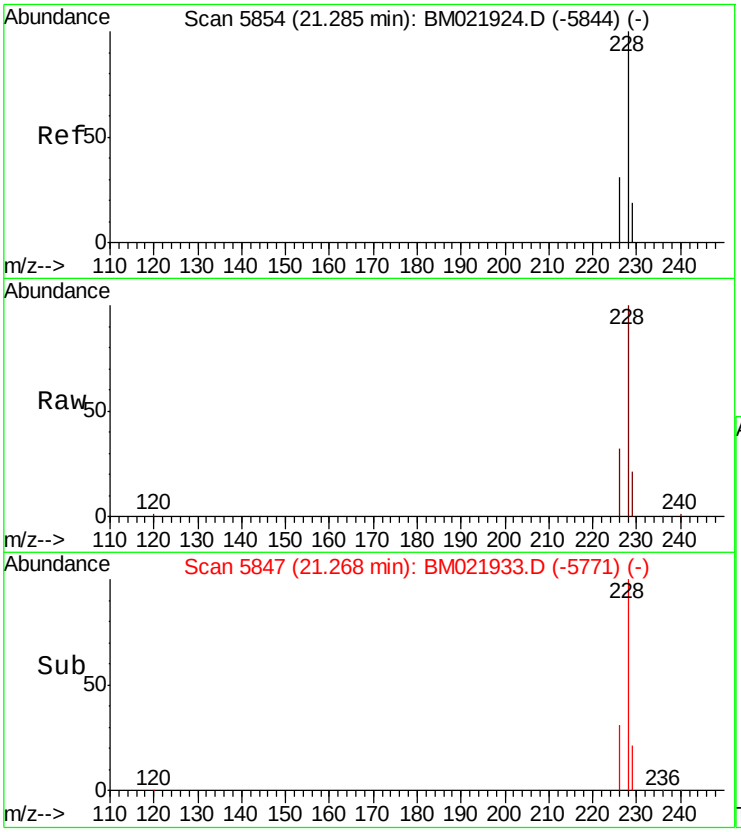


#18
Benzo(a)anthracene
Concen: 3.100 ng/ul m
RT: 21.21 min Scan# 5825
Delta R.T. -0.01 min
Lab File: BM021933.D
Acq: 08 Aug 2019 15:03

Tgt Ion:228 Resp: 48242

Ion	Ratio	Lower	Upper
228	100		
229	21.0	17.2	25.8
226	29.0	22.6	34.0

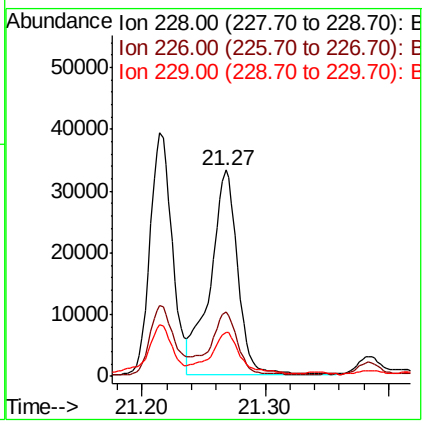




#19
Chrysene
Concen: 2.548 ng/ul
RT: 21.27 min Scan# 5847
Delta R.T. -0.02 min
Lab File: BM021933.D
Acq: 08 Aug 2019 15:03

Tgt Ion:228 Resp: 50983

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	21.5	16.6	25.0



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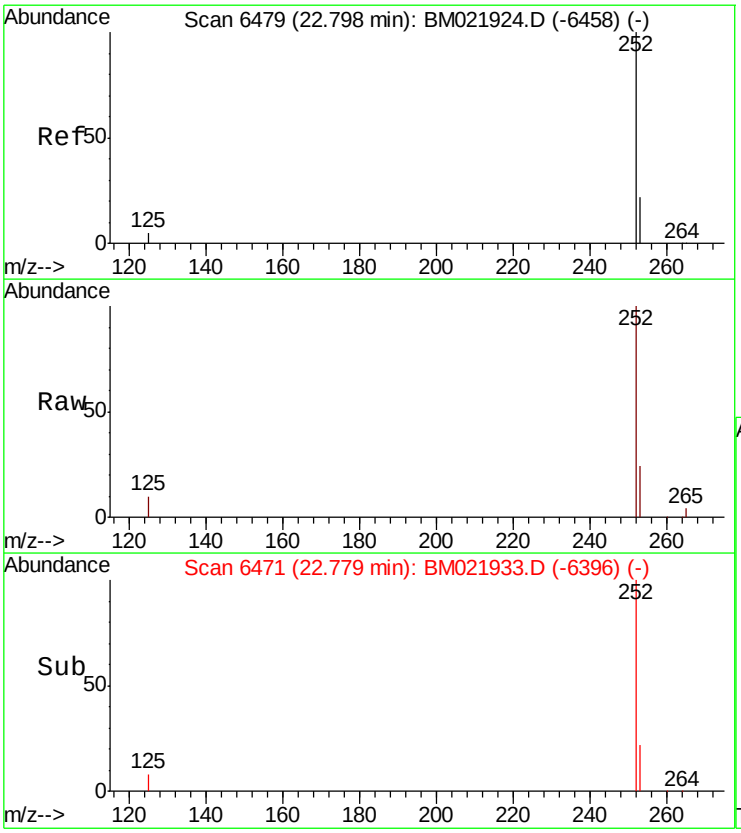
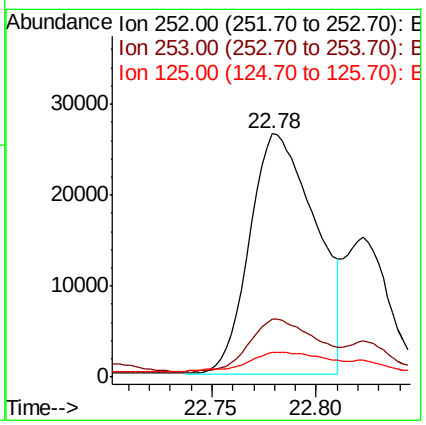
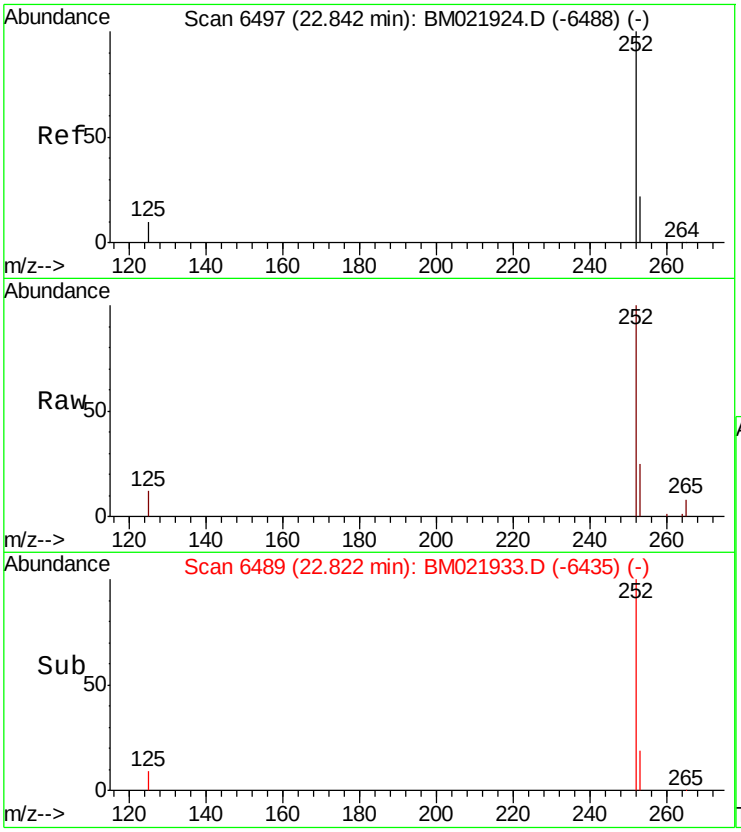


#21
Benzo(b)fluoranthene
Concen: 4.031 ng/ul m
RT: 22.78 min Scan# 6471
Delta R.T. -0.02 min
Lab File: BM021933.D
Acq: 08 Aug 2019 15:03

Tgt Ion:252 Resp: 58167

Ion	Ratio	Lower	Upper
252	100		
253	23.7	0.0	67.4
125	10.1	0.0	31.0





#22
Benzo(k)fluoranthene
Concen: 1.255 ng/ul m
RT: 22.82 min Scan# 6489
Delta R.T. -0.02 min
Lab File: BM021933.D
Acq: 08 Aug 2019 15:03

Tgt Ion:252 Resp: 20499

Ion	Ratio	Lower	Upper
252	100		
253	25.5	27.0	40.4#
125	11.8	12.2	18.2#

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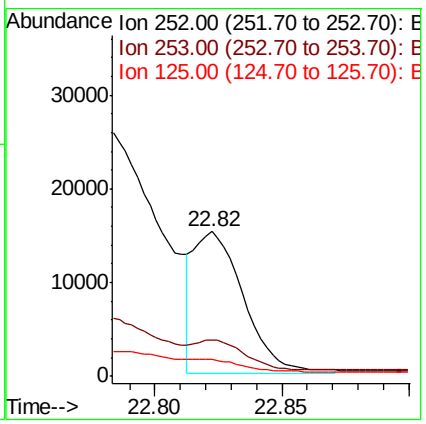
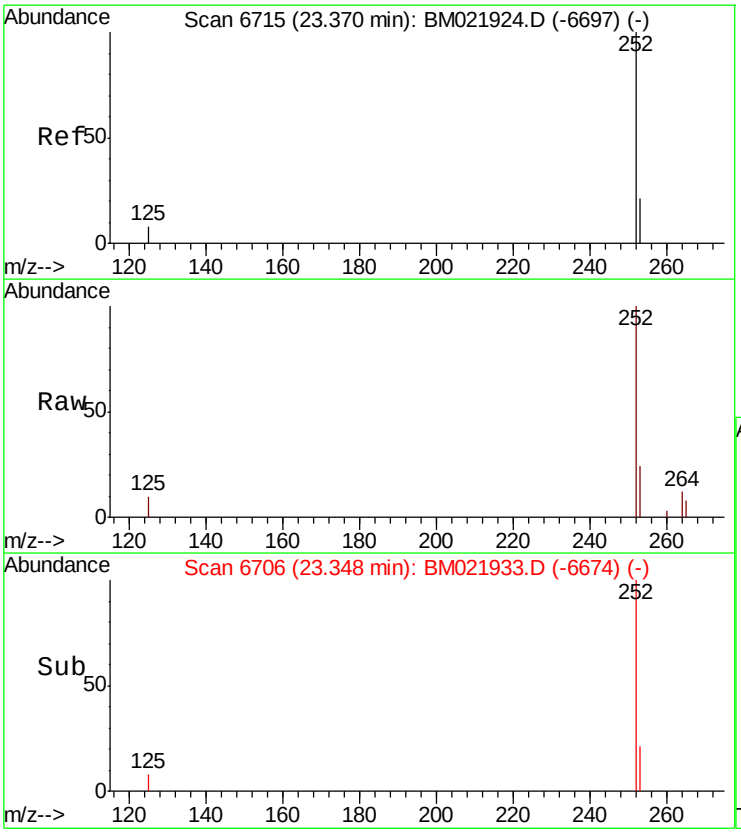
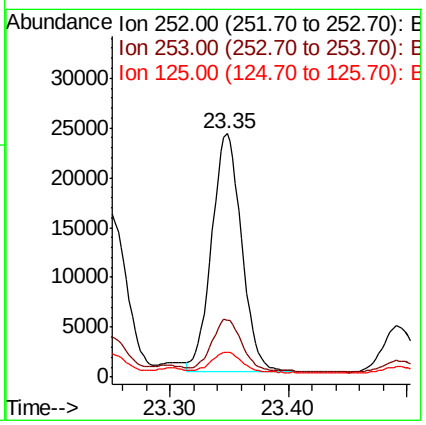


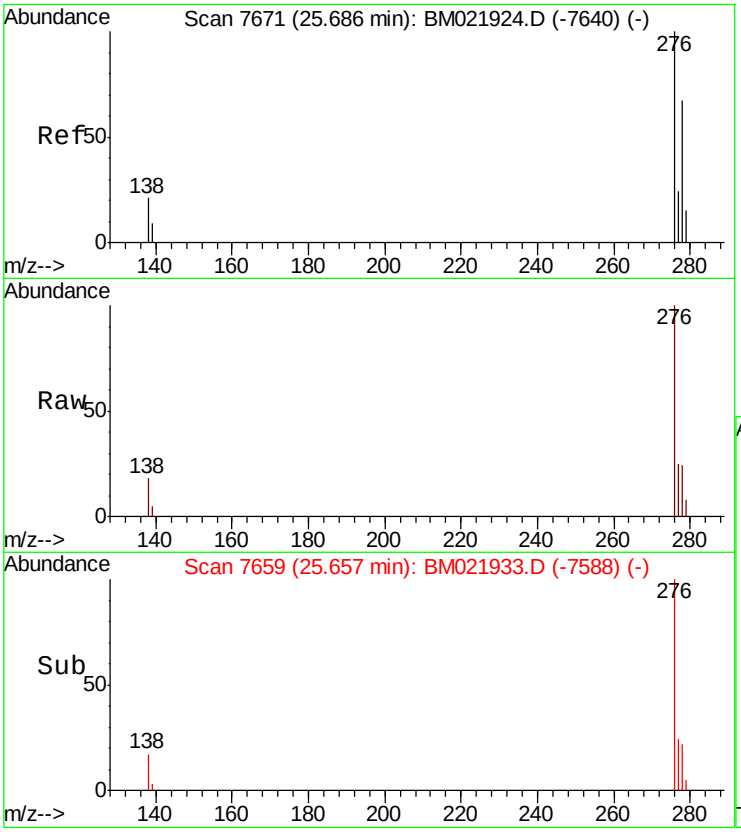


#23
Benzo(a)pyrene
Concen: 2.870 ng/ul
RT: 23.35 min Scan# 6706
Delta R.T. -0.02 min
Lab File: BM021933.D
Acq: 08 Aug 2019 15:03

Tgt Ion:252 Resp: 42109

Ion	Ratio	Lower	Upper
252	100		
253	23.6	31.7	47.5#
125	10.3	14.6	21.8#

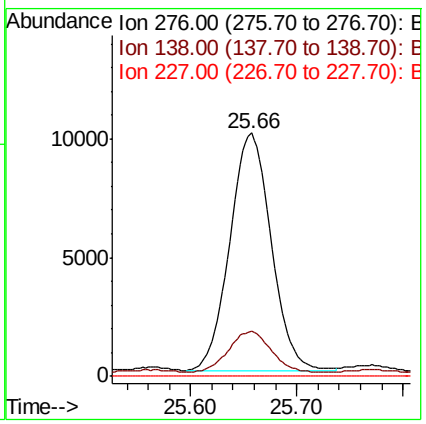




#24
Indeno(1,2,3-cd)pyrene
Concen: 1.516 ng/ul
RT: 25.66 min Scan# 7659
Delta R.T. -0.03 min
Lab File: BM021933.D
Acq: 08 Aug 2019 15:03

Tgt Ion:276 Resp: 26560

Ion	Ratio	Lower	Upper
276	100		
138	17.6	15.1	22.7
227	0.0	0.0	0.0



Instrument :
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ClientSampleId :
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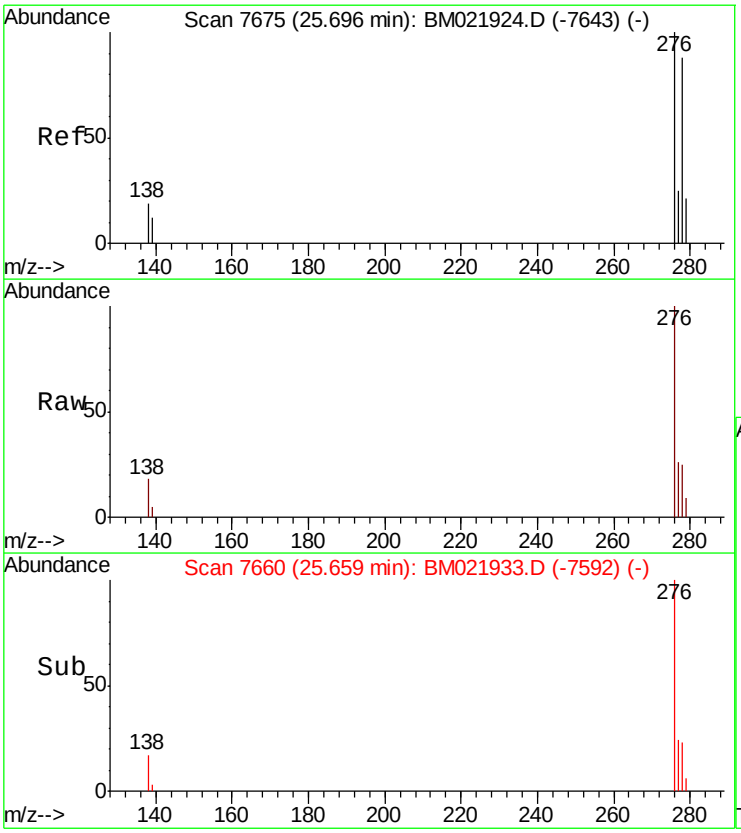
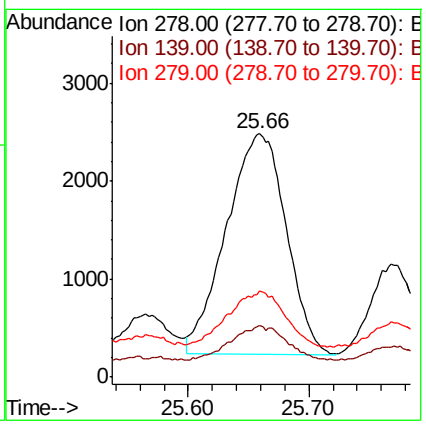
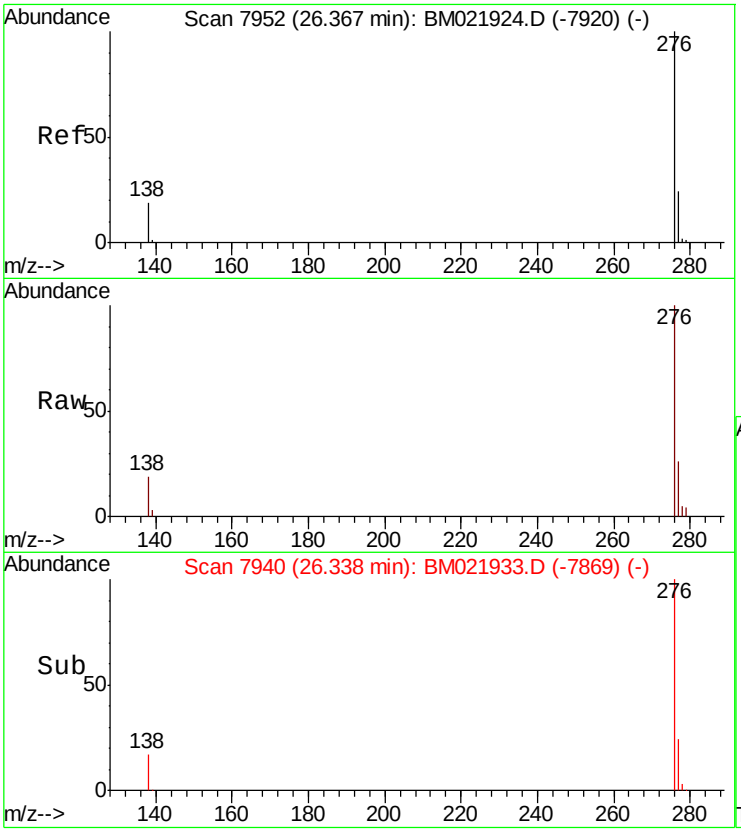


#25
Dibenzo(a,h)anthracene
Concen: 0.549 ng/ul
RT: 25.66 min Scan# 7660
Delta R.T. -0.04 min
Lab File: BM021933.D
Acq: 08 Aug 2019 15:03

Tgt Ion:278 Resp: 7778

Ion	Ratio	Lower	Upper
278	100		
139	20.9	14.2	21.2
279	35.6	28.3	42.5

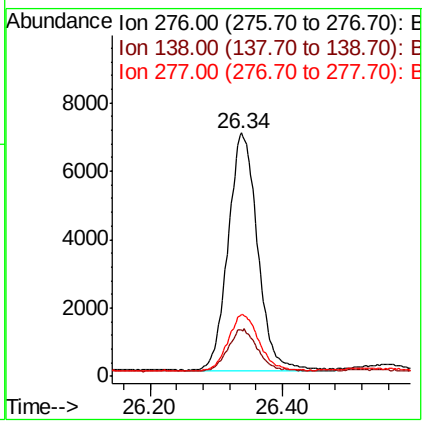




#26
Benzo(g,h,i)perylene
Concen: 1.369 ng/ul
RT: 26.34 min Scan# 7940
Delta R.T. -0.03 min
Lab File: BM021933.D
Acq: 08 Aug 2019 15:03

Tgt Ion:276 Resp: 21598

Ion	Ratio	Lower	Upper
276	100		
138	19.1	15.5	23.3
277	25.5	21.4	32.2



Instrument :
BNA_M
ClientSampleId :
BENT6

Manual Integrations APPROVED
mohammad
8/9/2019 6:12:51 AM