

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
 Data File : BM021789.D
 Acq On : 04 Aug 2019 00:48
 Operator : HP/JU
 Sample : K3850-11
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENR7

Manual Integrations
 APPROVED

mohammad
 8/5/2019 10:14:06 PM

Quant Time: Aug 04 04:57:07 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 : Sun Aug 04 04:24:24 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1168	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.42	136	4373	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.29	164	2487	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	6438m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	6457m	0.40	ng/ul	-0.01
20) Perylene-d12	23.46	264	7360m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1009	0.14	ng/ul	-0.02
14) Fluoranthene-d10	19.08	212	3812m	0.18	ng/ul	-0.02
Target Compounds				Qvalue		
3) Naphthalene	10.47	128	480	0.039	ng/ul#	71
5) 2-Methylnaphthalene	12.11	142	232	0.028	ng/ul	93
7) Acenaphthylene	14.01	152	1257	0.108	ng/ul#	91
8) Acenaphthene	14.35	153	361	0.038	ng/ul#	93
9) Fluorene	15.35	166	632	0.060	ng/ul#	92
12) Phenanthrene	17.09	178	12413	0.663	ng/ul	97
13) Anthracene	17.18	178	2786m	0.174	ng/ul	
15) Fluoranthene	19.11	202	34012m	1.355	ng/ul	
17) Pyrene	19.47	202	36873	1.390	ng/ul	97
18) Benzo(a)anthracene	21.23	228	20214	0.875	ng/ul	98
19) Chrysene	21.28	228	23478	0.790	ng/ul	98
21) Benzo(b)fluoranthene	22.80	252	27289m	1.100	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	11414m	0.406	ng/ul	
23) Benzo(a)pyrene	23.36	252	20226	0.801	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	25.68	276	13988	0.464	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.68	278	3403	0.140	ng/ul#	79
26) Benzo(g,h,i)perylene	26.36	276	14463	0.533	ng/ul	98

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

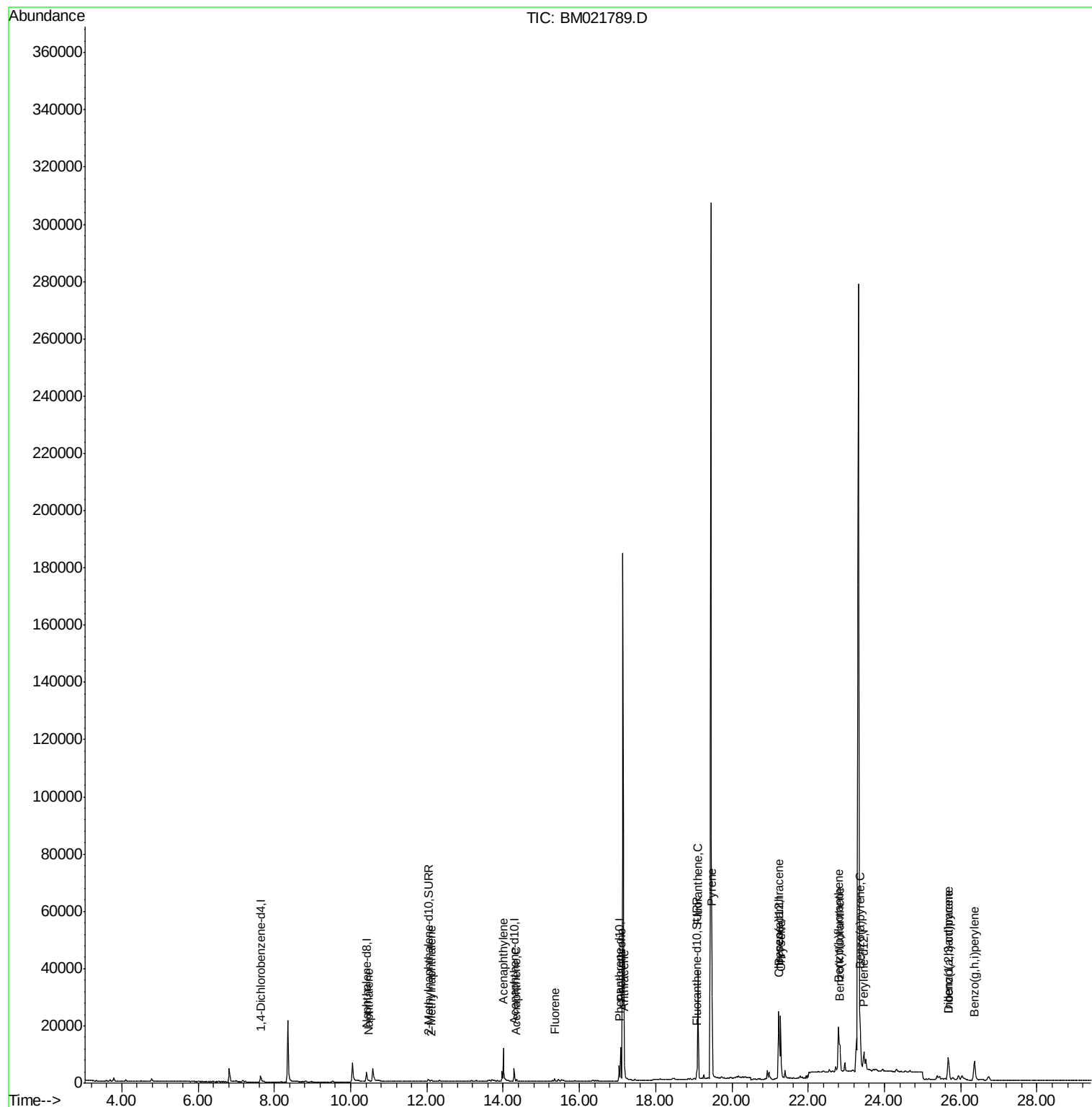
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Data File : BM021789.D
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Sample : K3850-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

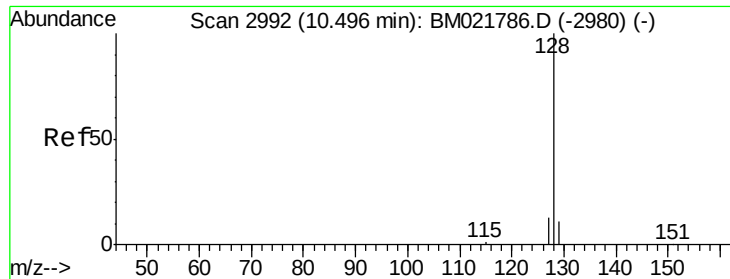
Instrument :
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#3

Naphthalene

Concen: 0.039 ng/ul

RT: 10.47 min Scan# 2986

Delta R.T. -0.03 min

Lab File: BM021789.D

Acq: 04 Aug 2019 00:48

Instrument :

BNA_M

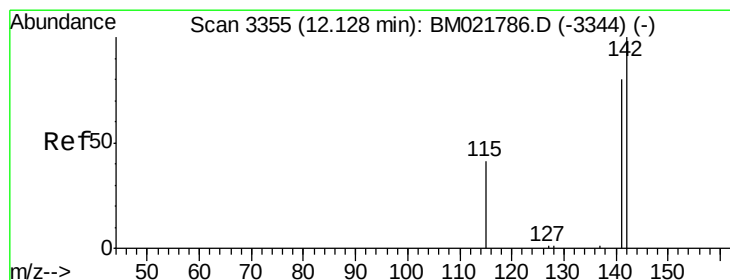
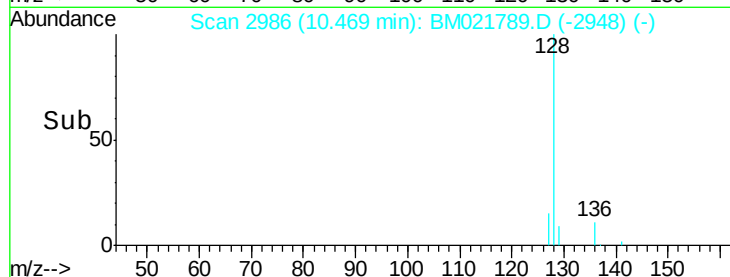
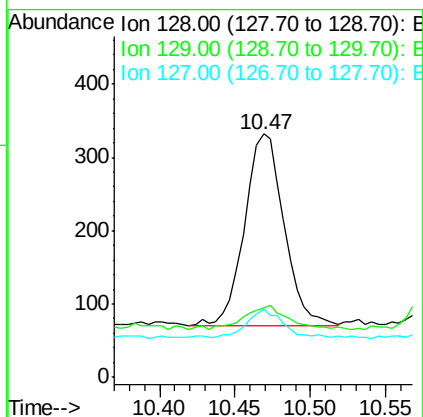
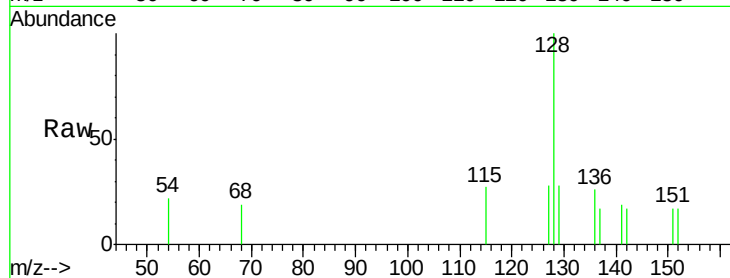
ClientSampleId :

BENR7

Tgt Ion:	128	Resp:	480
Ion	Ratio	Lower	Upper
128	100		
129	28.3	12.3	18.5#
127	28.0	13.0	19.6#

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#5

2-Methylnaphthalene

Concen: 0.028 ng/ul

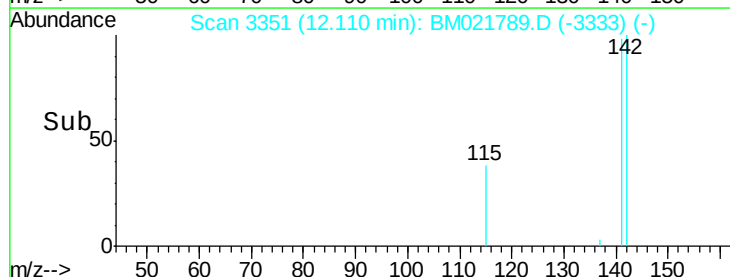
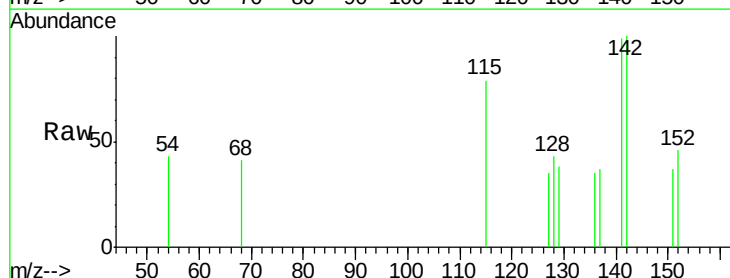
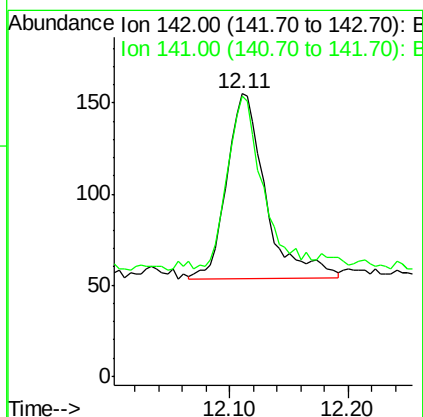
RT: 12.11 min Scan# 3351

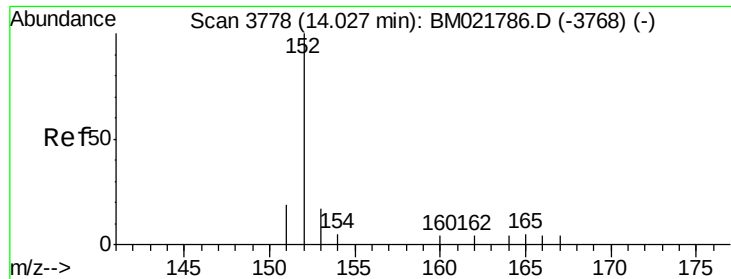
Delta R.T. -0.02 min

Lab File: BM021789.D

Acq: 04 Aug 2019 00:48

Tgt Ion:	142	Resp:	232
Ion	Ratio	Lower	Upper
142	100		
141	86.2	74.3	111.5





#7

Acenaphthylene

Concen: 0.108 ng/ul

RT: 14.01 min Scan# 3774

Delta R.T. -0.02 min

Lab File: BM021789.D

Acq: 04 Aug 2019 00:48

Instrument :

BNA_M

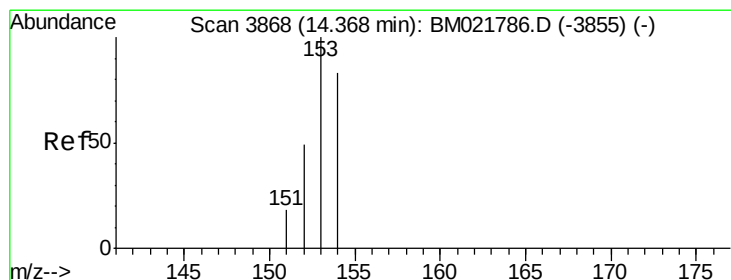
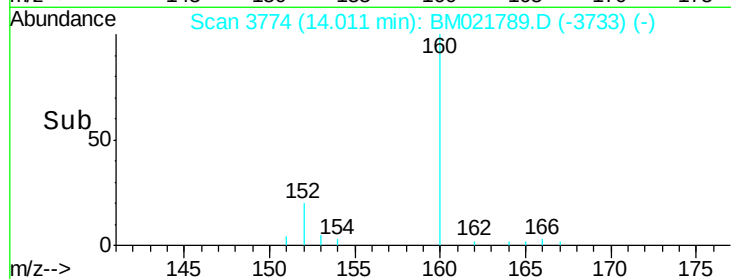
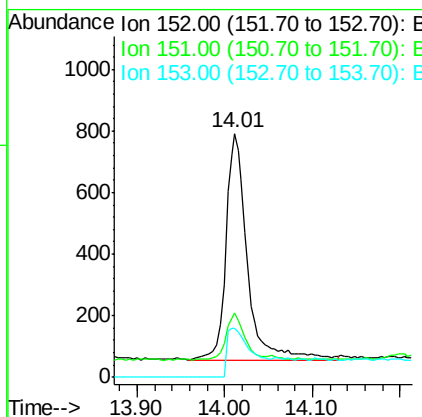
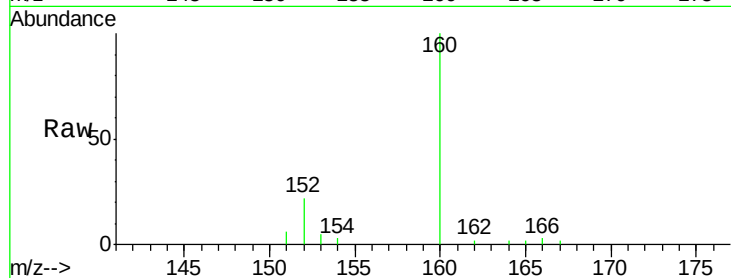
ClientSampleId :

BENR7

Tgt Ion	Ratio	Lower	Upper
152	100		
151	26.4	18.3	27.5
153	20.4	12.8	19.2#

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#8

Acenaphthene

Concen: 0.038 ng/ul

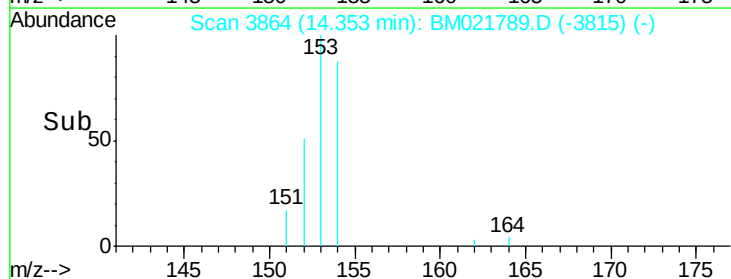
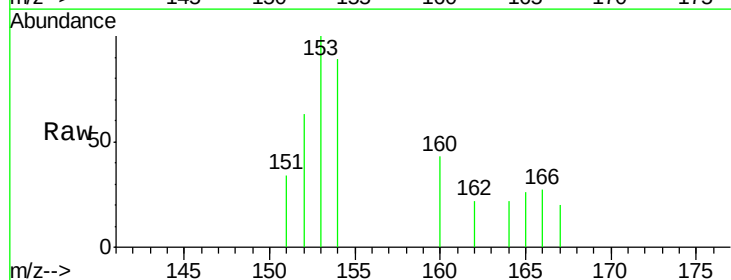
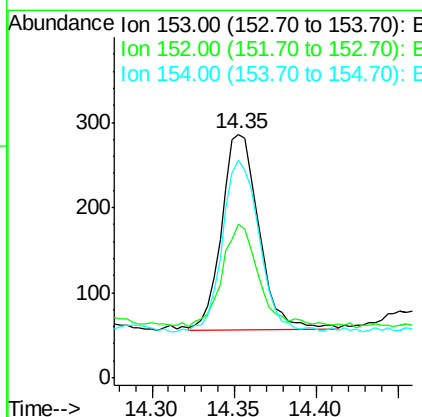
RT: 14.35 min Scan# 3864

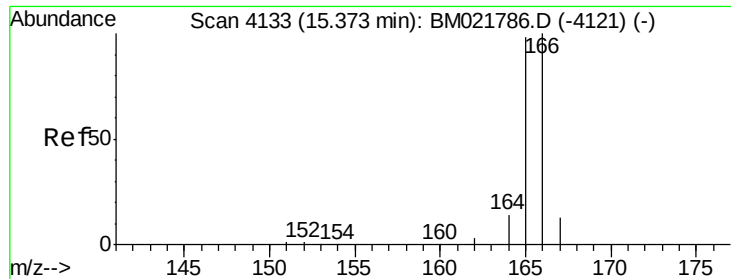
Delta R.T. -0.02 min

Lab File: BM021789.D

Acq: 04 Aug 2019 00:48

Tgt Ion	Ratio	Lower	Upper
153	100		
152	63.3	41.3	61.9#
154	89.2	72.3	108.5





#9

Fluorene

Concen: 0.060 ng/ul

RT: 15.35 min Scan# 4127

Delta R.T. -0.02 min

Lab File: BM021789.D

Acq: 04 Aug 2019 00:48

Instrument :

BNA_M

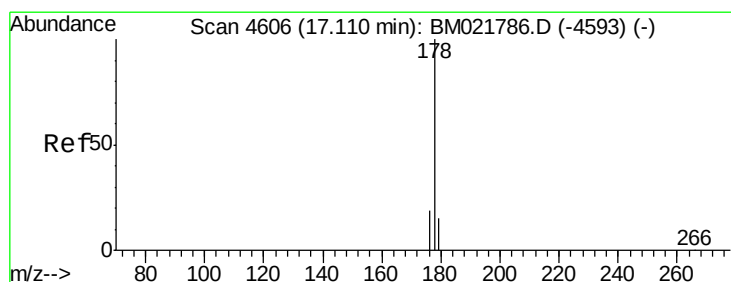
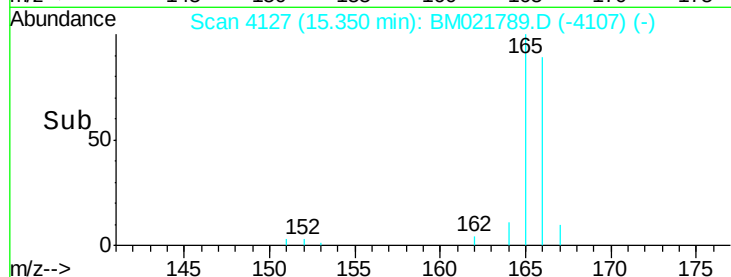
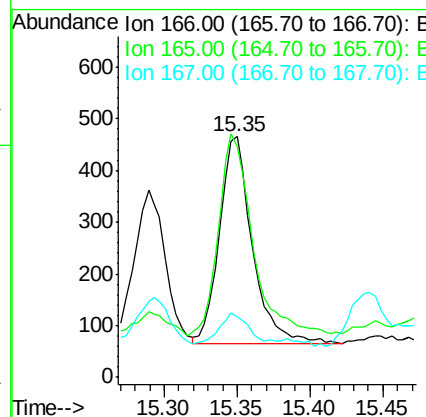
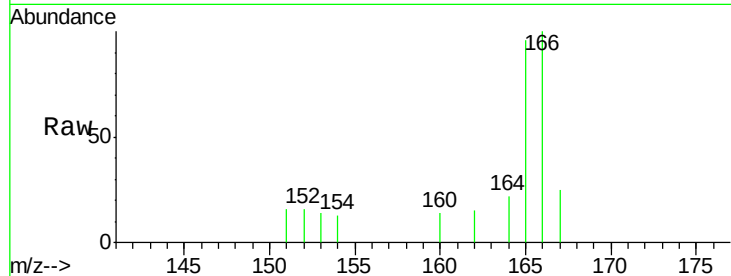
ClientSampleId :

BENR7

Tgt Ion:	166	Resp:	632
Ion Ratio	Lower	Upper	
166	100		
165	95.7	81.4	122.0
167	24.9	13.7	20.5#

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#12

Phenanthrene

Concen: 0.663 ng/ul

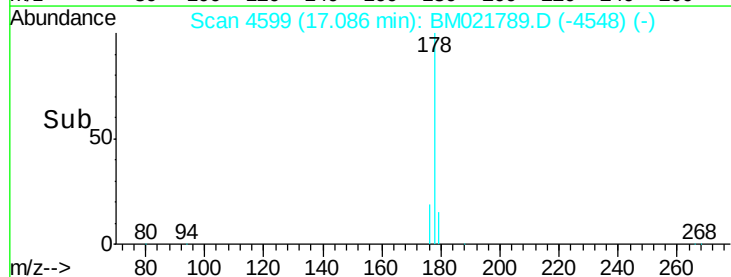
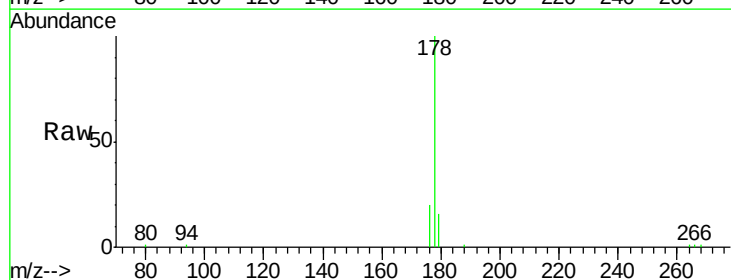
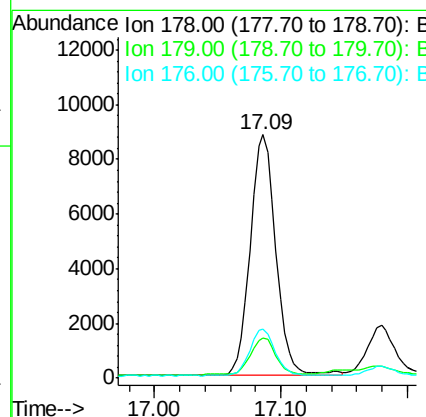
RT: 17.09 min Scan# 4599

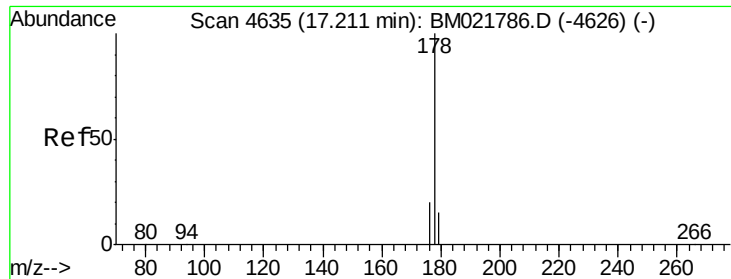
Delta R.T. -0.02 min

Lab File: BM021789.D

Acq: 04 Aug 2019 00:48

Tgt Ion:	178	Resp:	12413
Ion Ratio	Lower	Upper	
178	100		
179	16.2	14.2	21.2
176	20.1	16.8	25.2





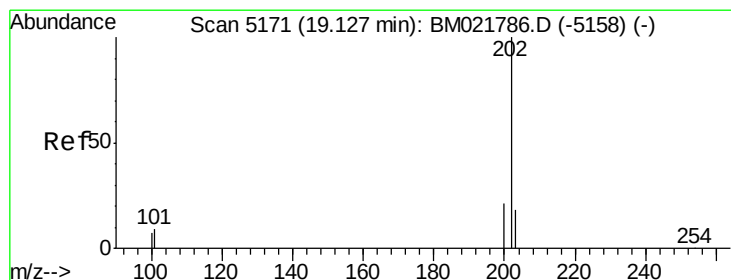
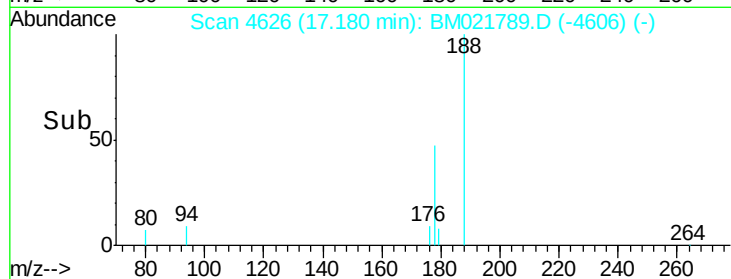
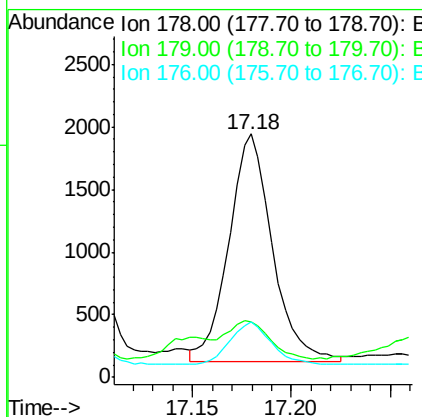
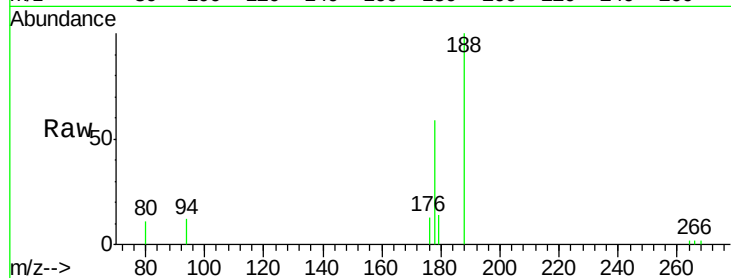
#13
 Anthracene
 Concen: 0.174 ng/ul m
 RT: 17.18 min Scan# 4626
 Delta R.T. -0.03 min
 Lab File: BM021789.D
 Acq: 04 Aug 2019 00:48

Instrument :
 BNA_M
 ClientSampleId :
 BENR7

Tgt Ion:	178	Resp:	2786
Ion Ratio	Lower	Upper	
178	100		
179	23.0	15.5	23.3
176	22.7	16.6	25.0

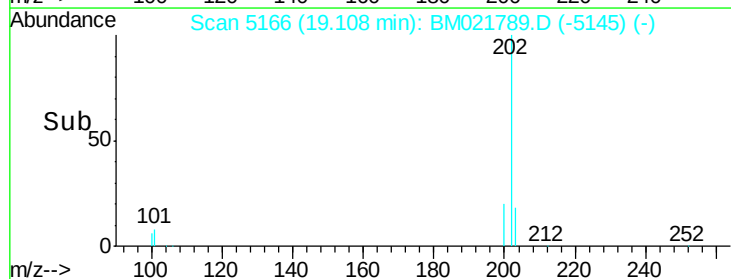
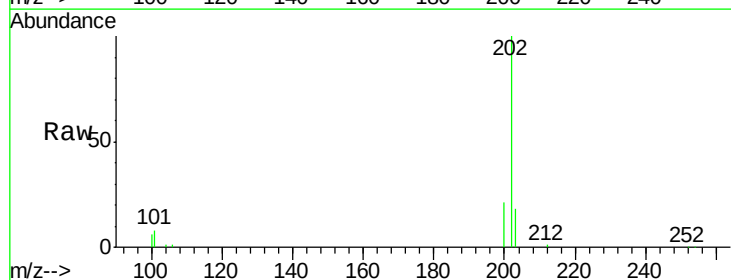
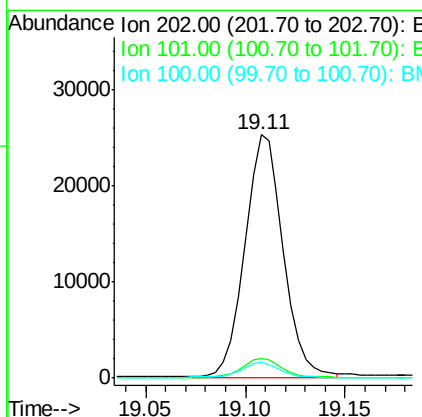
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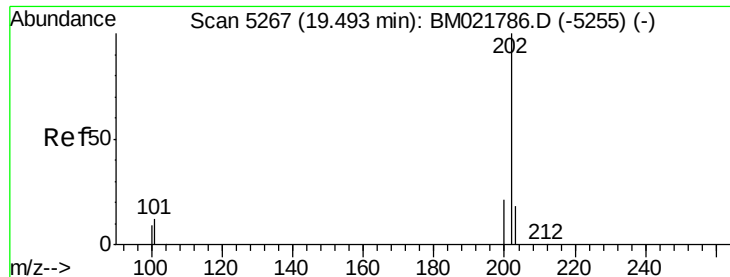
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#15
 Fluoranthene
 Concen: 1.355 ng/ul m
 RT: 19.11 min Scan# 5166
 Delta R.T. -0.02 min
 Lab File: BM021789.D
 Acq: 04 Aug 2019 00:48

Tgt Ion:	202	Resp:	34012
Ion Ratio	Lower	Upper	
202	100		
101	8.1	0.0	30.2
100	6.4	0.0	28.1





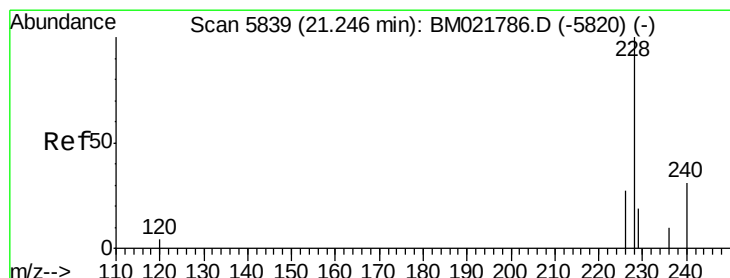
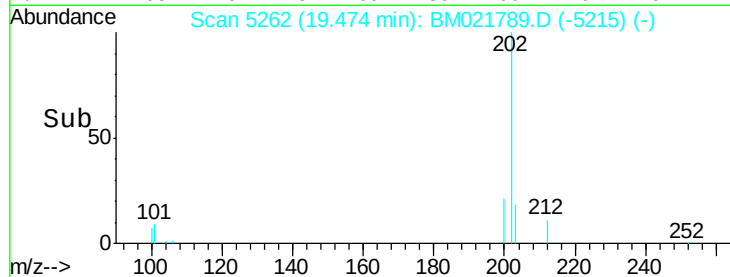
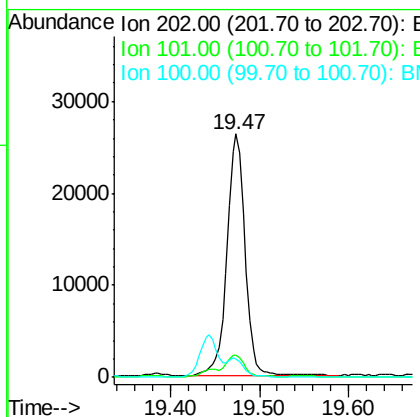
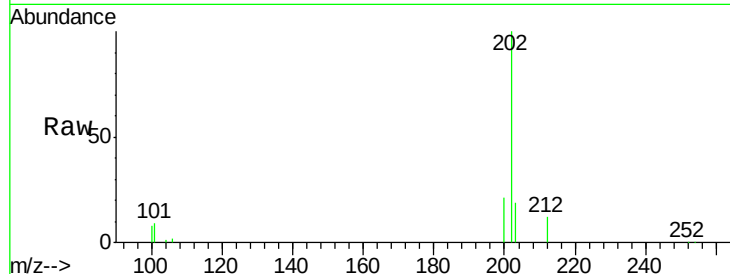
#17
Pyrene
 Concen: 1.390 ng/ul
 RT: 19.47 min Scan# 5262
 Delta R.T. -0.02 min
 Lab File: BM021789.D
 Acq: 04 Aug 2019 00:48

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:	202	Resp:	36873
Ion Ratio	Lower	Upper	
202	100		
101	9.3	8.3	12.5
100	7.7	7.2	10.8

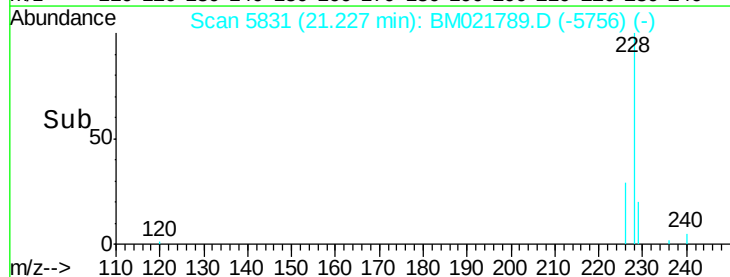
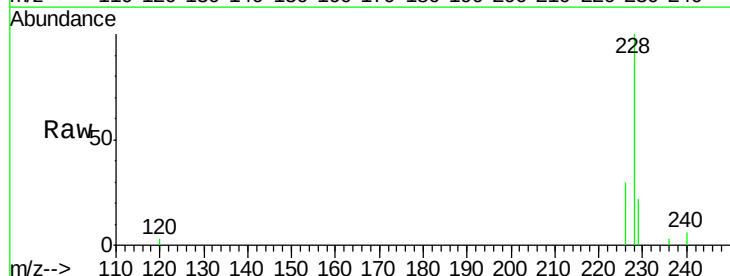
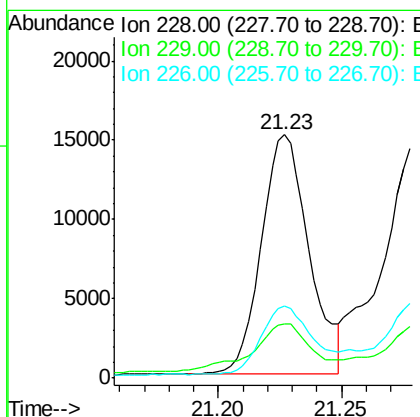
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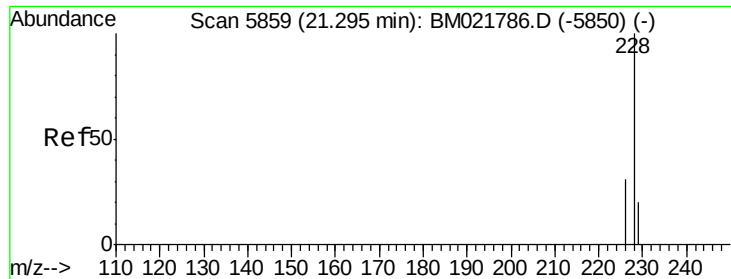
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#18
Benzo(a)anthracene
 Concen: 0.875 ng/ul
 RT: 21.23 min Scan# 5831
 Delta R.T. -0.02 min
 Lab File: BM021789.D
 Acq: 04 Aug 2019 00:48

Tgt Ion:	228	Resp:	20214
Ion Ratio	Lower	Upper	
228	100		
229	22.5	17.2	25.8
226	29.6	22.6	34.0





#19

Chrysene

Concen: 0.790 ng/ul

RT: 21.28 min Scan# 5853

Delta R.T. -0.01 min

Lab File: BM021789.D

Acq: 04 Aug 2019 00:48

Instrument :

BNA_M

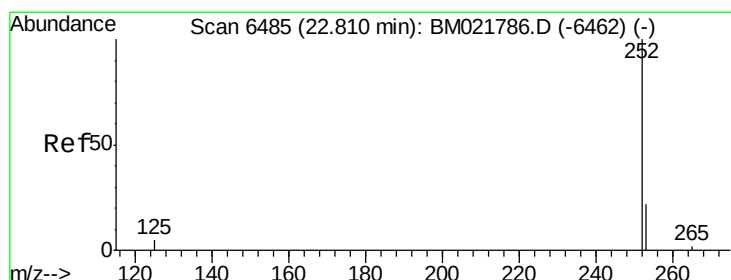
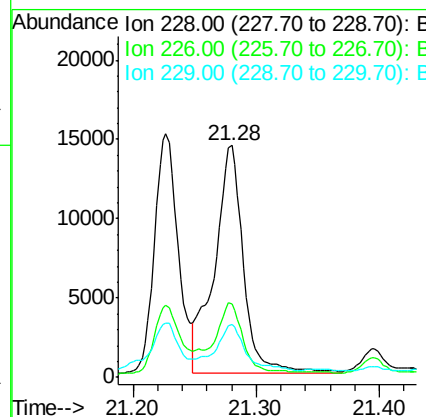
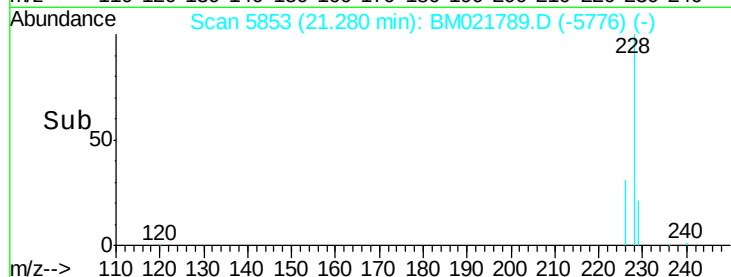
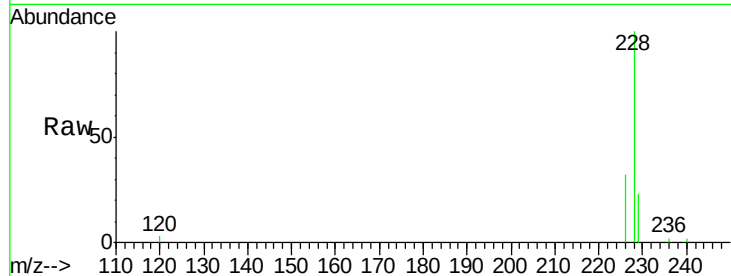
ClientSampleId :

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Tgt Ion:	228	Resp:	23478
Ion Ratio	Lower	Upper	
228	100		
226	31.6	24.9	37.3
229	22.7	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 1.100 ng/ul m

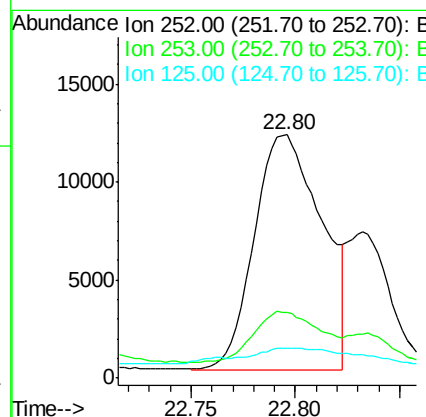
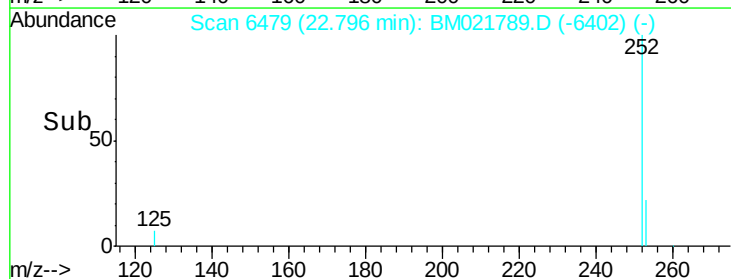
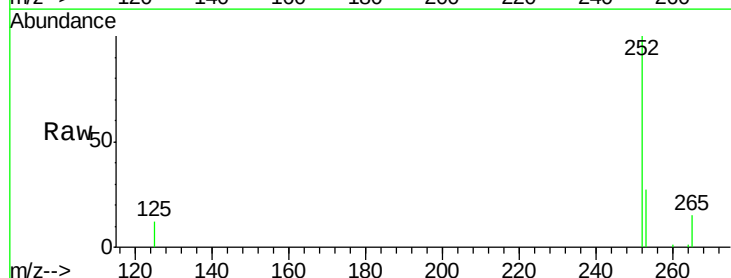
RT: 22.80 min Scan# 6479

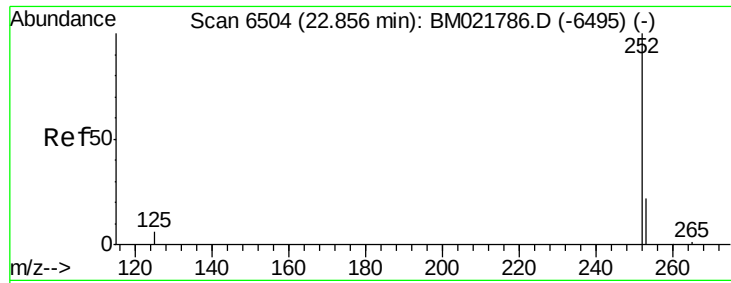
Delta R.T. -0.01 min

Lab File: BM021789.D

Acq: 04 Aug 2019 00:48

Tgt Ion:	252	Resp:	27289
Ion Ratio	Lower	Upper	
252	100		
253	27.2	0.0	67.4
125	12.5	0.0	31.0





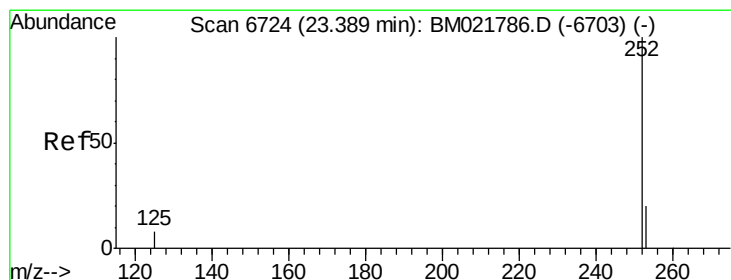
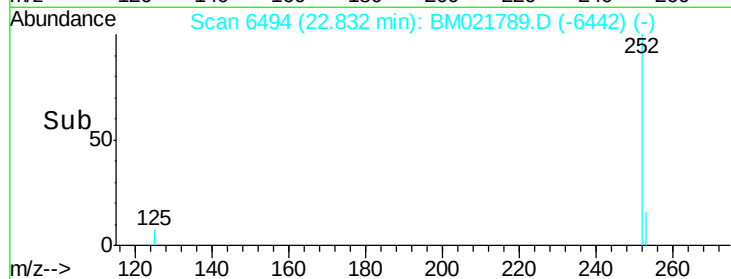
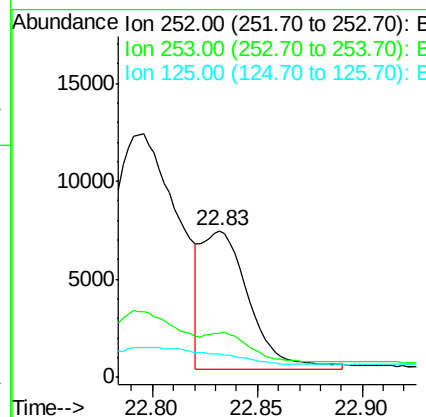
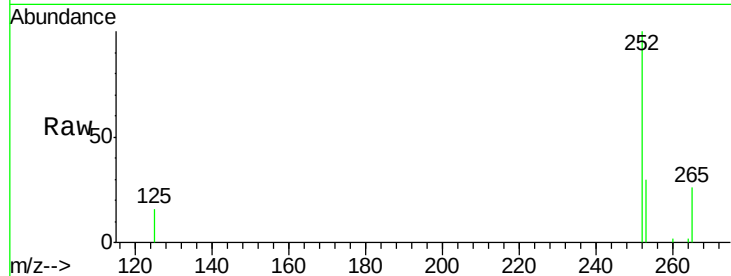
#22
Benzo(k)fluoranthene
Concen: 0.406 ng/ul m
RT: 22.83 min Scan# 6494
Delta R.T. -0.02 min
Lab File: BM021789.D
Acq: 04 Aug 2019 00:48

Instrument :
BNA_M
ClientSampleId :
BENR7

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.3	27.0	40.4
125	16.0	12.2	18.2

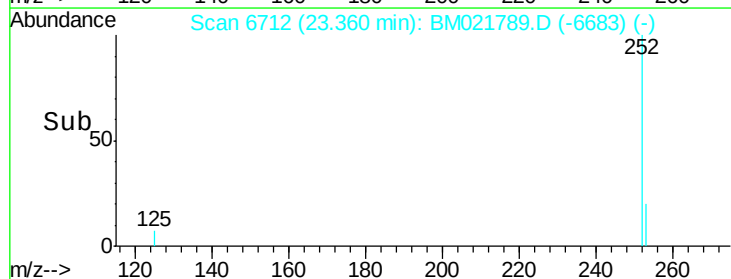
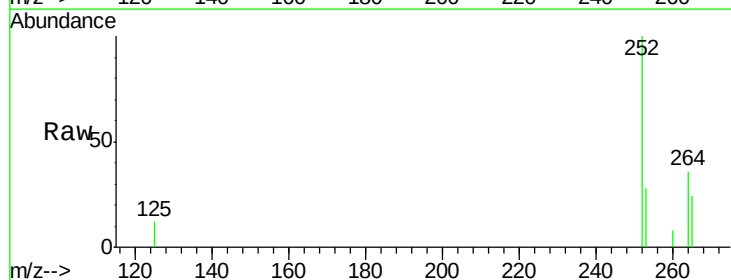
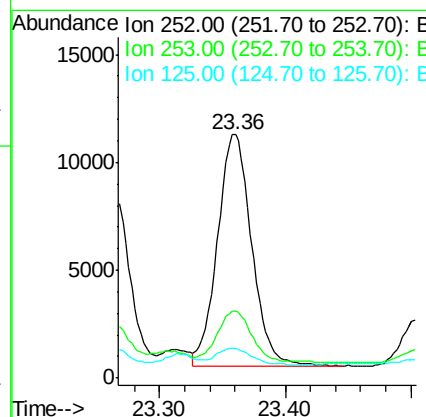
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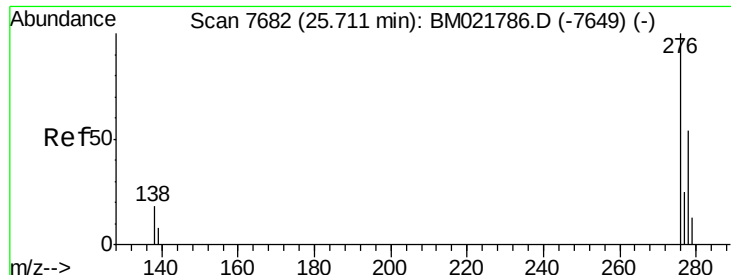
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#23
Benzo(a)pyrene
Concen: 0.801 ng/ul
RT: 23.36 min Scan# 6712
Delta R.T. -0.03 min
Lab File: BM021789.D
Acq: 04 Aug 2019 00:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.8	31.7	47.5#
125	12.2	14.6	21.8#





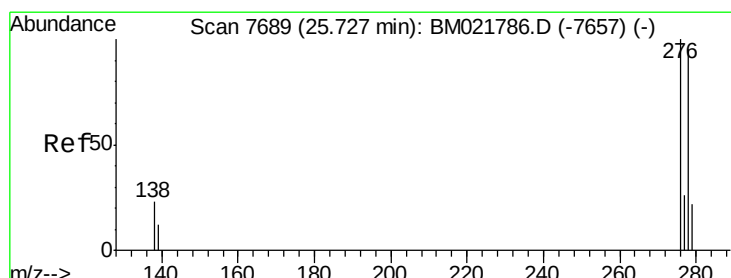
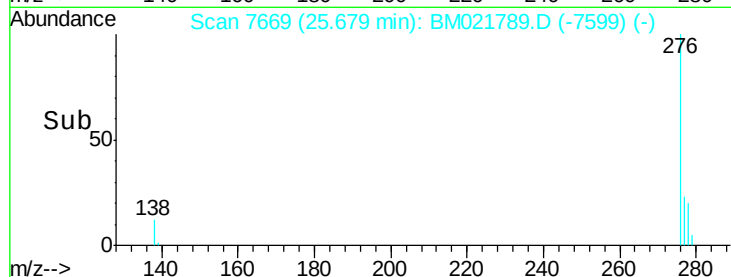
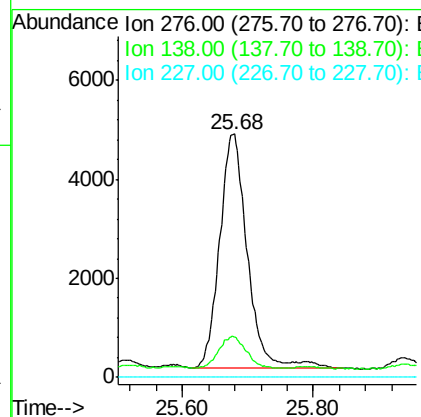
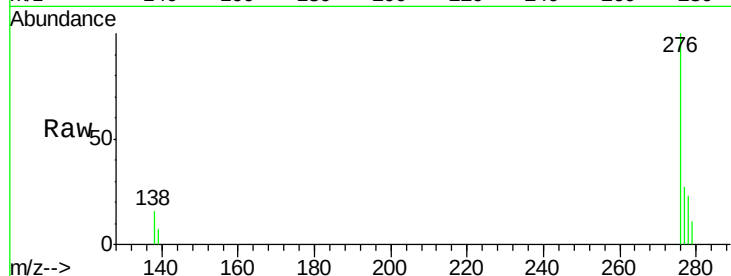
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.464 ng/ul
 RT: 25.68 min Scan# 7669
 Delta R.T. -0.03 min
 Lab File: BM021789.D
 Acq: 04 Aug 2019 00:48

Instrument :
 BNA_M
 ClientSampleId :
 BENR7

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	13988		
138	13.5	15.1	22.7#	
227	0.0	0.0	0.0	

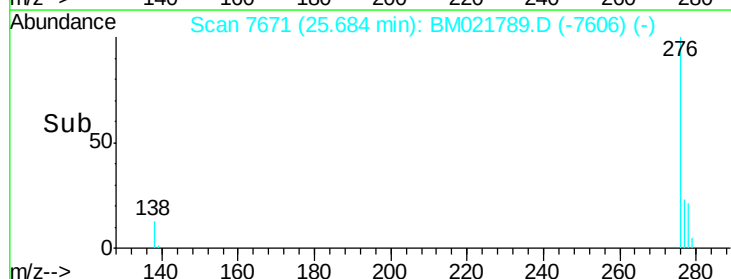
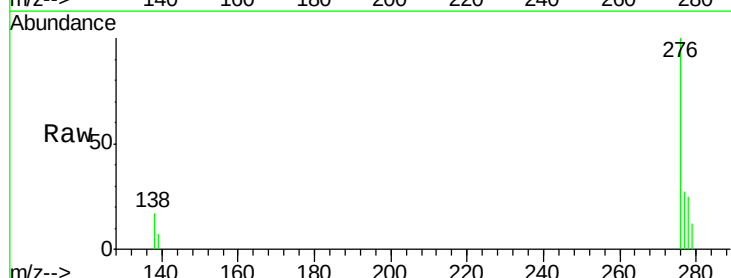
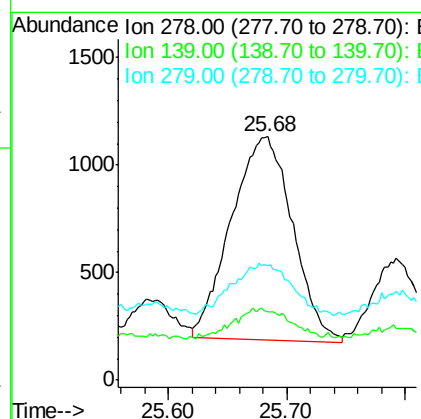
Manual Integrations
 APPROVED

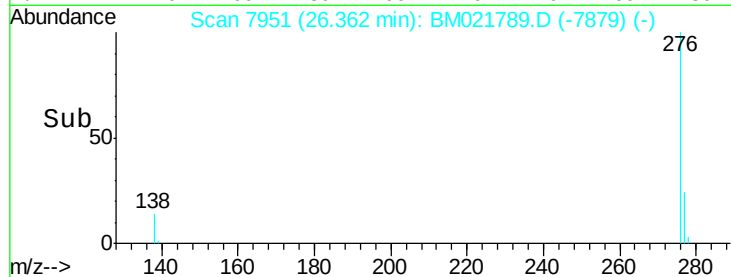
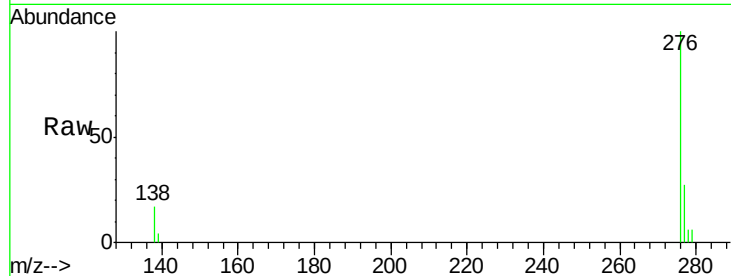
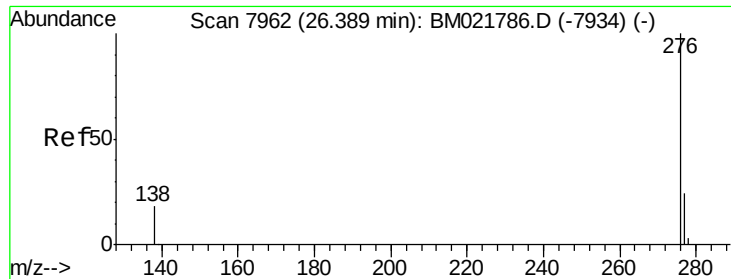
mohammad
 8/5/2019 10:14:06 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.140 ng/ul
 RT: 25.68 min Scan# 7671
 Delta R.T. -0.04 min
 Lab File: BM021789.D
 Acq: 04 Aug 2019 00:48

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	3403		
139	28.2	14.2	21.2#	
279	47.0	28.3	42.5#	





#26

Benzo(g,h,i)perylene

Concen: 0.533 ng/ul

RT: 26.36 min Scan# 7951

Delta R.T. -0.03 min

Lab File: BM021789.D

Acq: 04 Aug 2019 00:48

Instrument :

BNA_M

ClientSampleId :

BENR7

Tgt Ion:	276	Resp:	14463
Ion Ratio	Lower	Upper	
276	100		
138	16.8	15.5	23.3
277	26.8	21.4	32.2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:06 PM

