

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
 Data File : BM022010.D
 Acq On : 11 Aug 2019 00:27
 Operator : HP/JU
 Sample : K4028-07
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY9

Manual Integrations
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Quant Time: Aug 11 03:13:21 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 11 01:49:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	872	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	3651	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	2061	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.02	188	4958m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.22	240	4668m	0.40	ng/ul	-0.02
20) Perylene-d12	23.43	264	4559m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	1424	0.24	ng/ul	-0.03
14) Fluoranthene-d10	19.06	212	4862m	0.29	ng/ul	-0.02
Target Compounds					Qvalue	
3) Naphthalene	10.43	128	5588	0.542	ng/ul	95
5) 2-Methylnaphthalene	12.07	142	3098	0.451	ng/ul	98
7) Acenaphthylene	13.99	152	18846	1.961	ng/ul#	81
8) Acenaphthene	14.32	153	12727	1.618	ng/ul	97
9) Fluorene	15.32	166	15476	1.772	ng/ul	97
12) Phenanthrene	17.06	178	354815m	24.595	ng/ul	
13) Anthracene	17.15	178	73629m	5.983	ng/ul	
15) Fluoranthene	19.09	202	985709m	51.008	ng/ul	
17) Pyrene	19.46	202	913206	47.607	ng/ul#	94
18) Benzo(a)anthracene	21.21	228	524855m	31.434	ng/ul	
19) Chrysene	21.26	228	561830	26.164	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	770737m	50.134	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	268293m	15.421	ng/ul	
23) Benzo(a)pyrene	23.34	252	536336	34.305	ng/ul#	74
24) Indeno(1,2,3-cd)pyrene	25.64	276	373108	19.987	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.64	278	99283m	6.580	ng/ul	
26) Benzo(g,h,i)perylene	26.33	276	367766	21.883	ng/ul	94

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

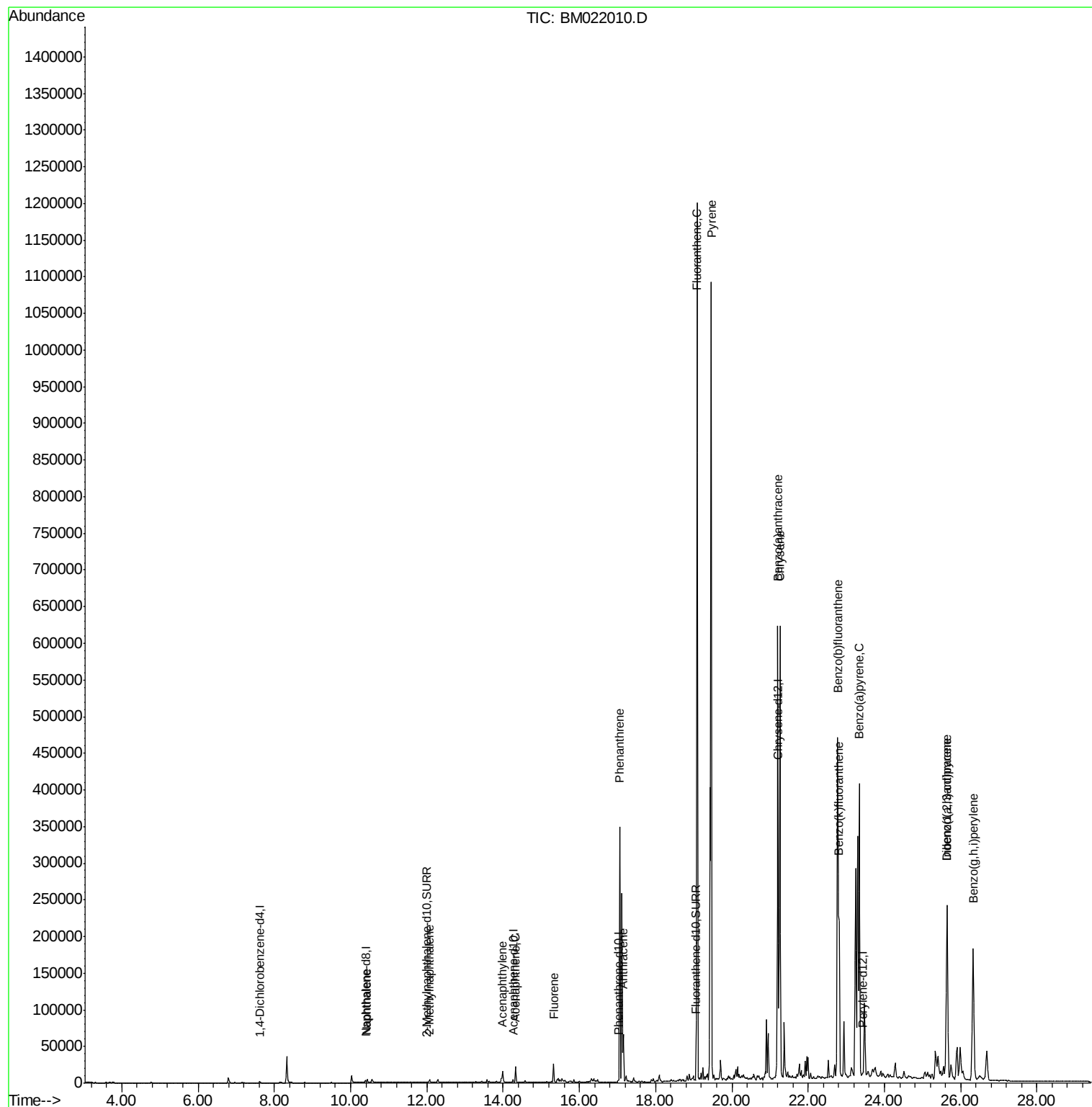
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
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ALS Vial : 47 Sample Multiplier: 1

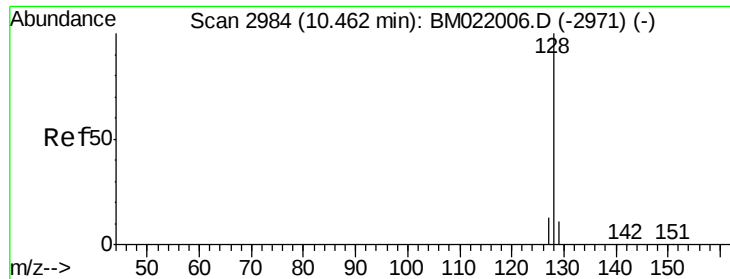
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#3

Naphthalene

Concen: 0.542 ng/ul

RT: 10.43 min Scan# 2978

Delta R.T. -0.03 min

Lab File: BM022010.D

Acq: 11 Aug 2019 00:27

Instrument :

BNA_M

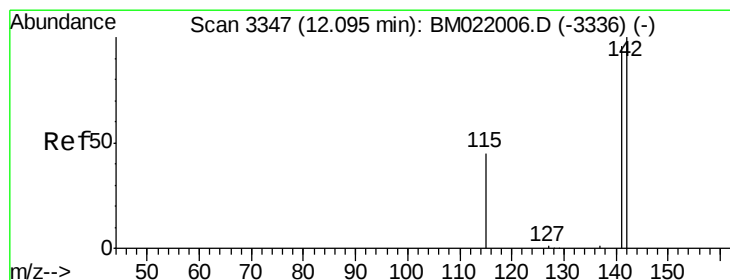
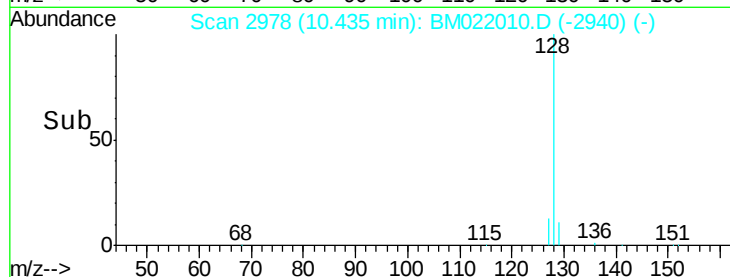
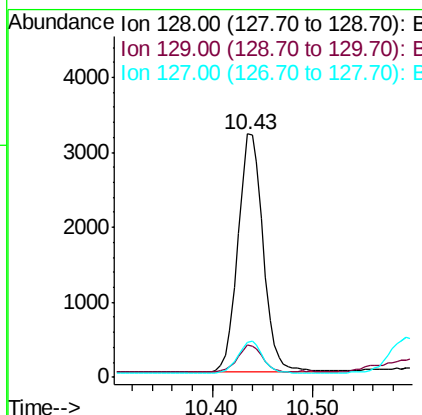
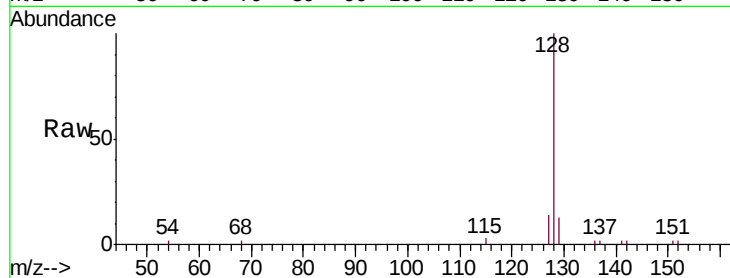
ClientSampleId :

BENY9

Tgt Ion:	128	Resp:	5588
Ion Ratio	Lower	Upper	
128	100		
129	13.3	12.3	18.5
127	14.2	13.0	19.6

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#5

2-Methylnaphthalene

Concen: 0.451 ng/ul

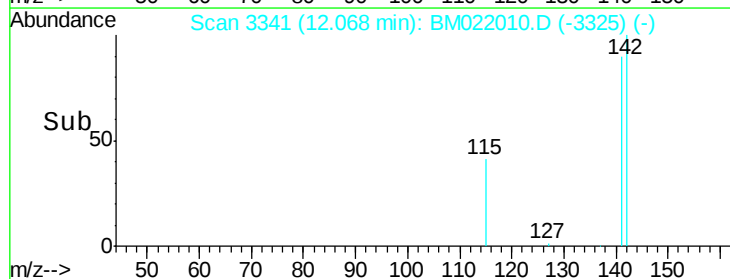
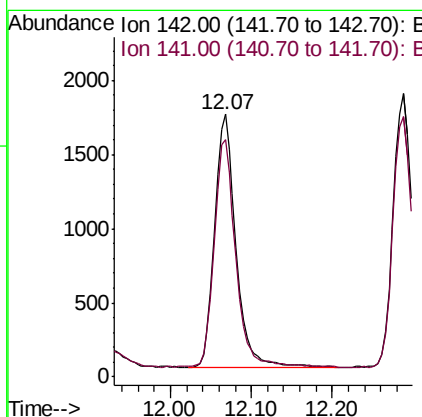
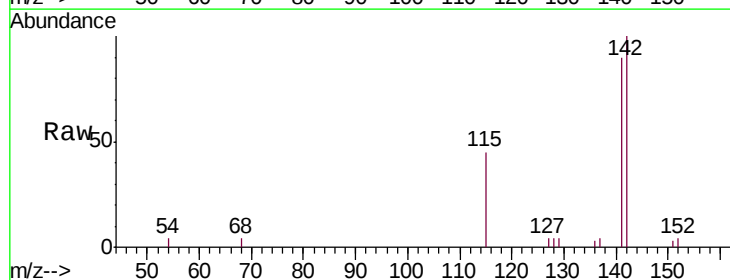
RT: 12.07 min Scan# 3341

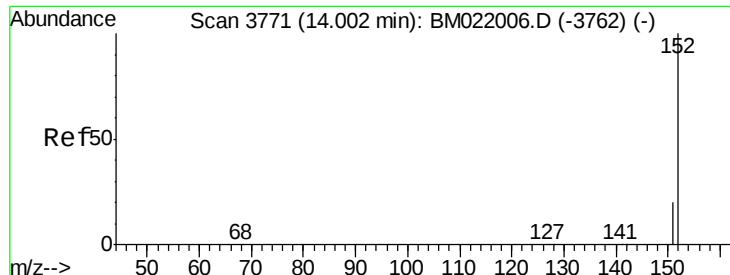
Delta R.T. -0.03 min

Lab File: BM022010.D

Acq: 11 Aug 2019 00:27

Tgt Ion:	142	Resp:	3098
Ion Ratio	Lower	Upper	
142	100		
141	91.1	74.3	111.5





#7

Acenaphthylene

Concen: 1.961 ng/ul

RT: 13.99 min Scan# 3768

Delta R.T. -0.02 min

Lab File: BM022010.D

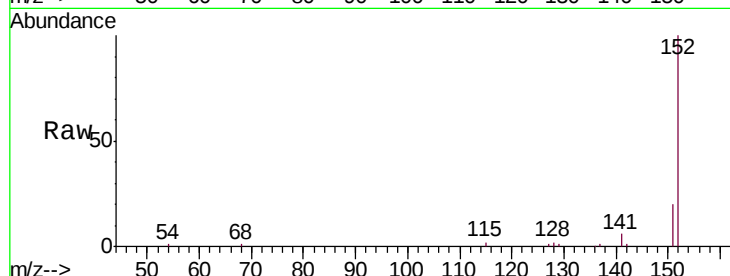
Acq: 11 Aug 2019 00:27

Instrument :

BNA_M

ClientSampleId :

BENY9



Tgt Ion:152 Resp: 18846

Ion Ratio Lower Upper

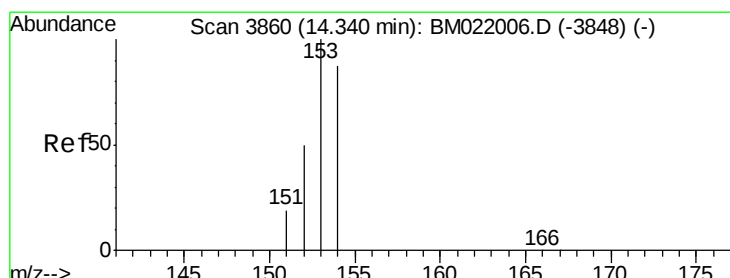
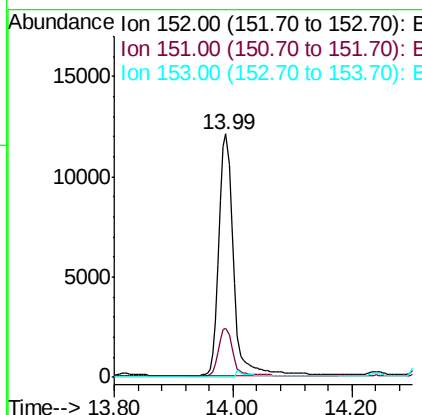
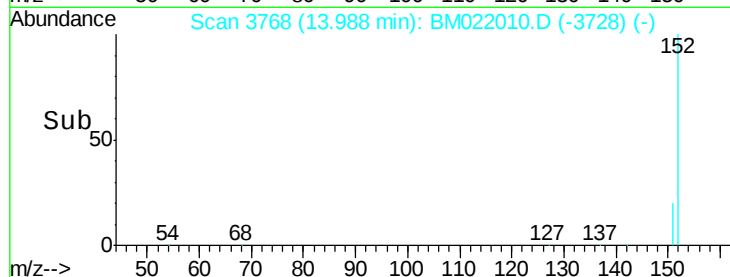
152 100

151 20.2 18.3 27.5

153 0.0 12.8 19.2#

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#8

Acenaphthene

Concen: 1.618 ng/ul

RT: 14.32 min Scan# 3856

Delta R.T. -0.02 min

Lab File: BM022010.D

Acq: 11 Aug 2019 00:27

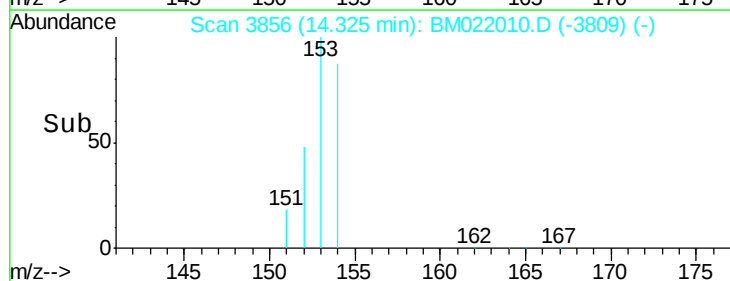
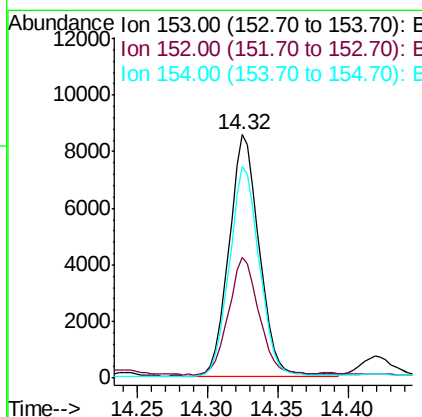
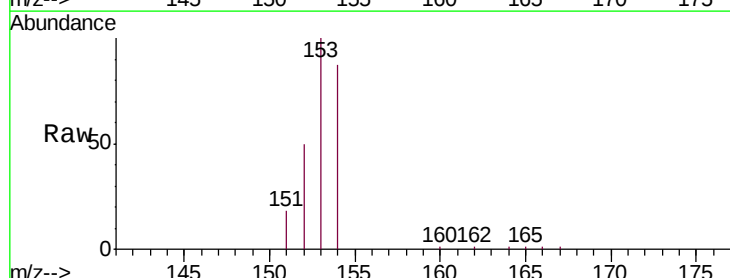
Tgt Ion:153 Resp: 12727

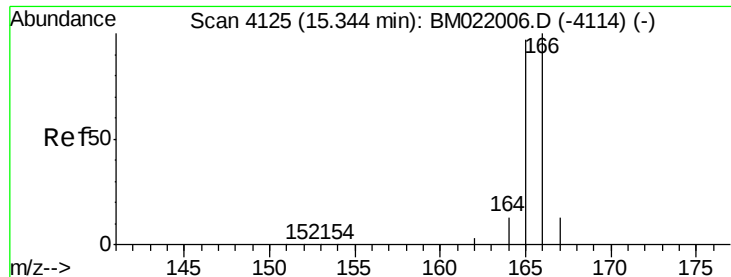
Ion Ratio Lower Upper

153 100

152 49.5 41.3 61.9

154 86.9 72.3 108.5





#9

Fluorene

Concen: 1.772 ng/ul

RT: 15.32 min Scan# 4119

Delta R.T. -0.02 min

Lab File: BM022010.D

Acq: 11 Aug 2019 00:27

Instrument :

BNA_M

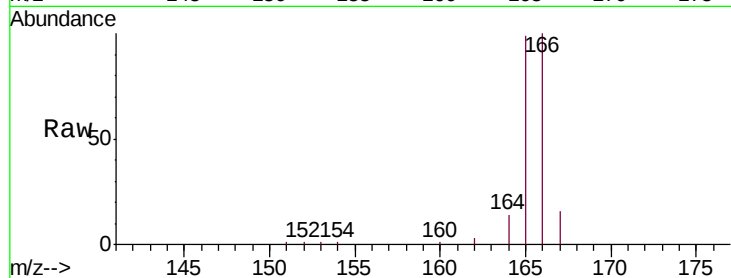
ClientSampleId :

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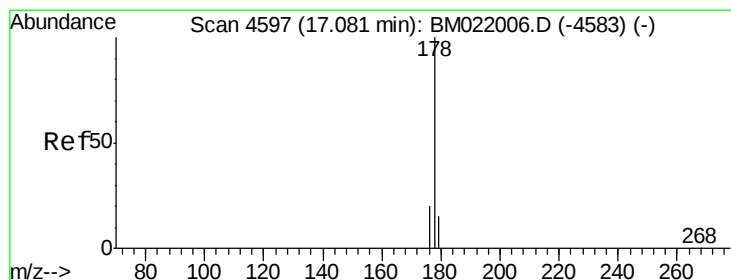
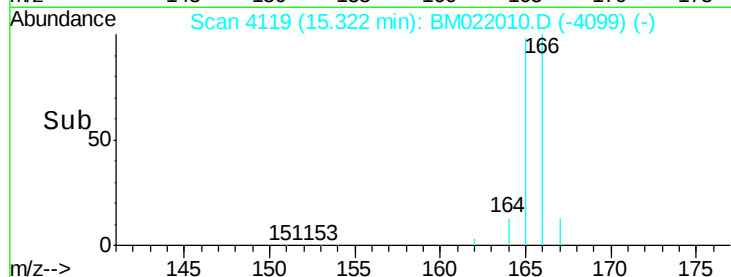
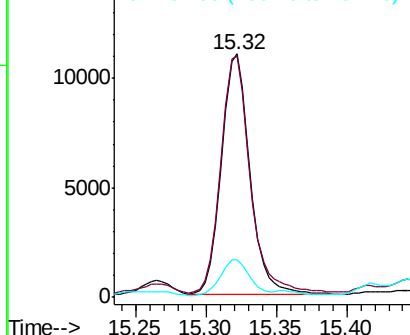
Tgt Ion:	166	Resp:	15476
Ion Ratio		Lower	Upper
166	100		
165	99.0	81.4	122.0
167	15.6	13.7	20.5

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#12

Phenanthrene

Concen: 24.595 ng/ul m

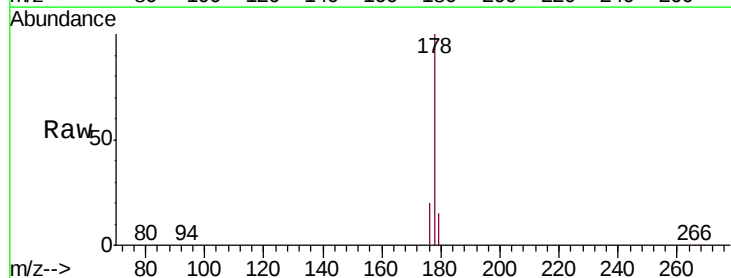
RT: 17.06 min Scan# 4591

Delta R.T. -0.03 min

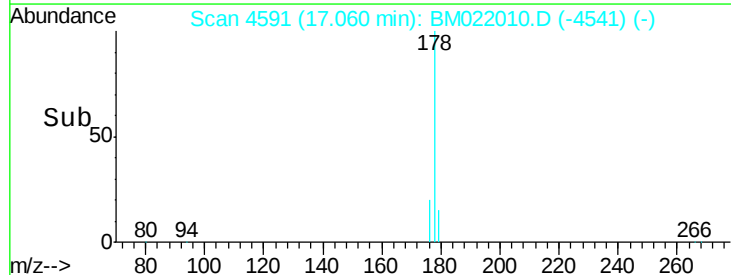
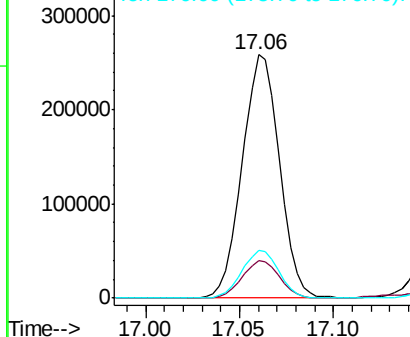
Lab File: BM022010.D

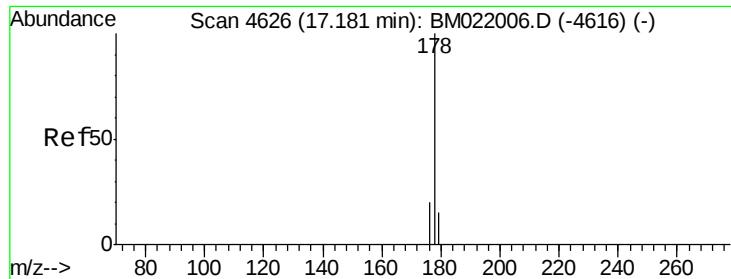
Acq: 11 Aug 2019 00:27

Tgt Ion:	178	Resp:	354815
Ion Ratio		Lower	Upper
178	100		
179	15.4	14.2	21.2
176	19.6	16.8	25.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





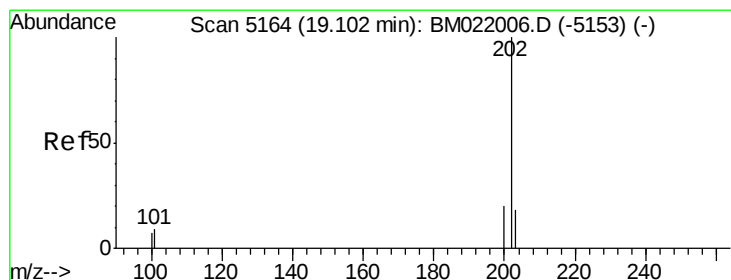
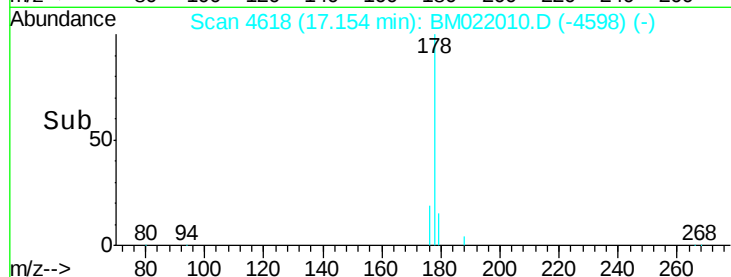
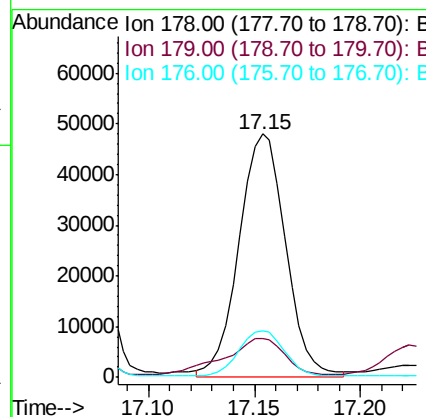
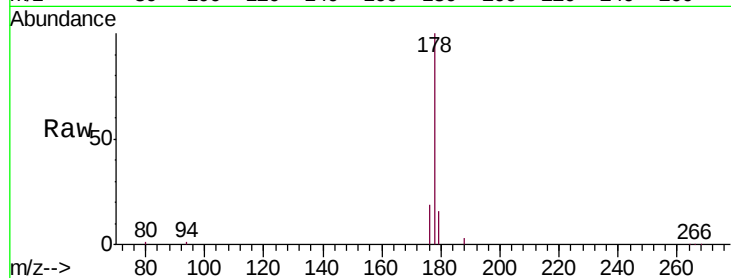
#13
 Anthracene
 Concen: 5.983 ng/ul m
 RT: 17.15 min Scan# 4618
 Delta R.T. -0.03 min
 Lab File: BM022010.D
 Acq: 11 Aug 2019 00:27

Instrument :
 BNA_M
 ClientSampleId :
 BENY9

Tgt Ion:178 Resp: 73629
 Ion Ratio Lower Upper
 178 100
 179 16.0 15.5 23.3
 176 19.3 16.6 25.0

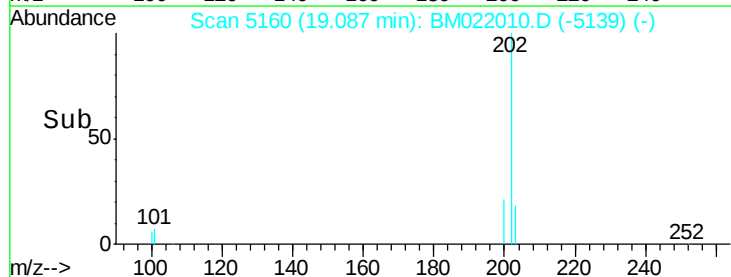
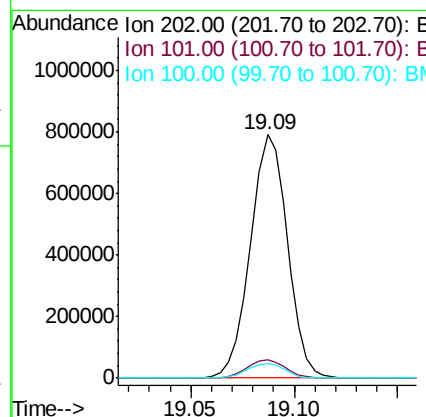
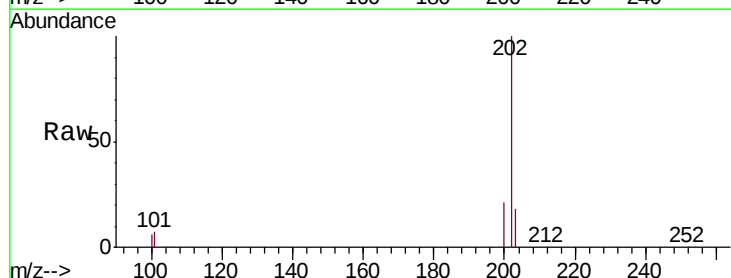
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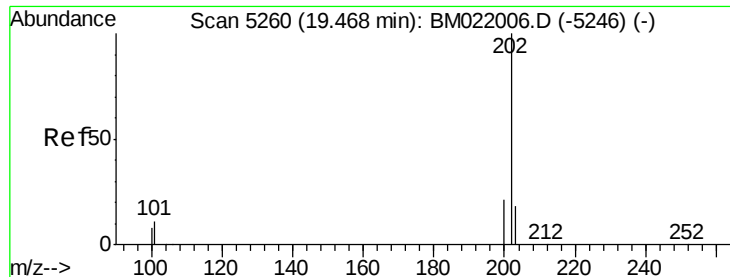
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#15
 Fluoranthene
 Concen: 51.008 ng/ul m
 RT: 19.09 min Scan# 5160
 Delta R.T. -0.02 min
 Lab File: BM022010.D
 Acq: 11 Aug 2019 00:27

Tgt Ion:202 Resp: 985709
 Ion Ratio Lower Upper
 202 100
 101 7.4 0.0 30.2
 100 5.8 0.0 28.1





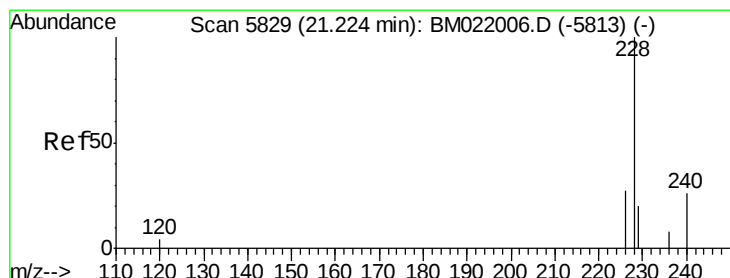
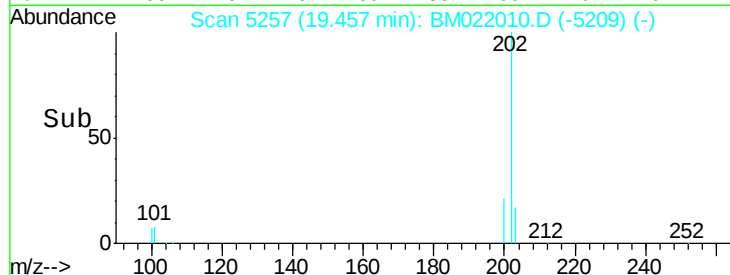
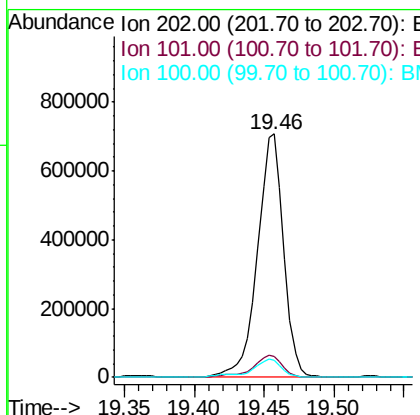
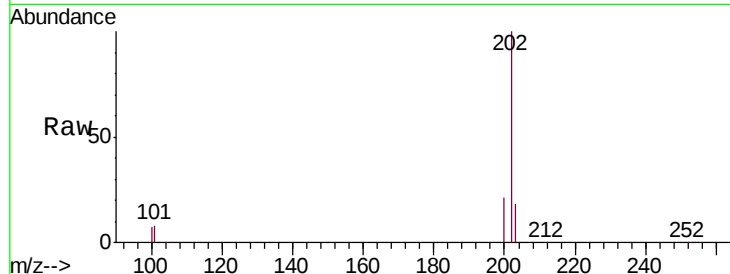
#17
 Pyrene
 Concen: 47.607 ng/ul
 RT: 19.46 min Scan# 5257
 Delta R.T. -0.02 min
 Lab File: BM022010.D
 Acq: 11 Aug 2019 00:27

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.4	8.3	12.5
100	6.9	7.2	10.8

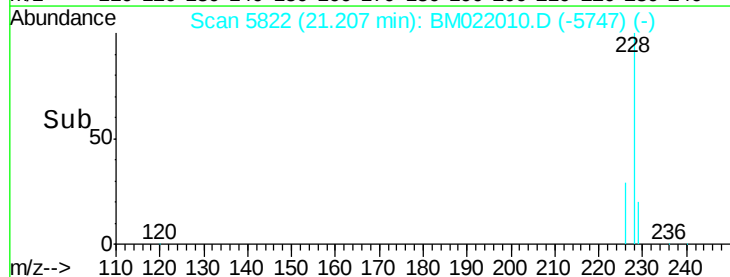
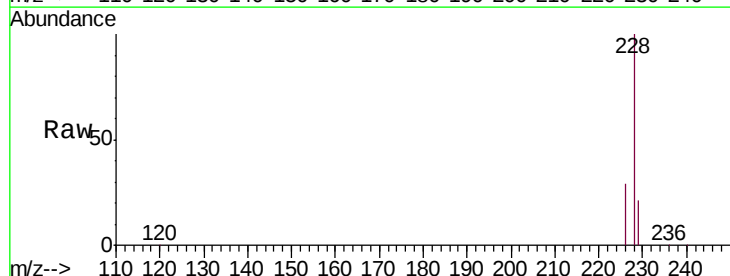
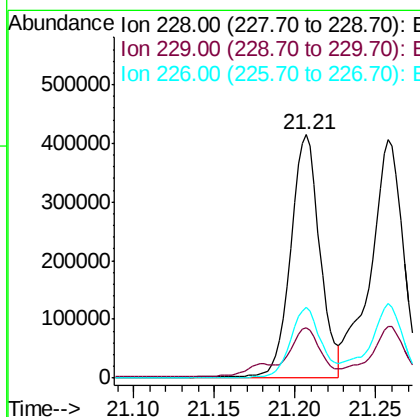
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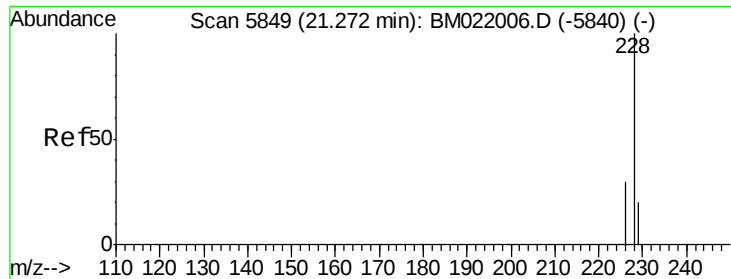
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#18
 Benzo(a)anthracene
 Concen: 31.434 ng/ul m
 RT: 21.21 min Scan# 5822
 Delta R.T. -0.02 min
 Lab File: BM022010.D
 Acq: 11 Aug 2019 00:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.6	17.2	25.8
226	29.0	22.6	34.0





#19

Chrysene

Concen: 26.164 ng/ul

RT: 21.26 min Scan# 5843

Delta R.T. -0.02 min

Lab File: BM022010.D

Acq: 11 Aug 2019 00:27

Instrument :

BNA_M

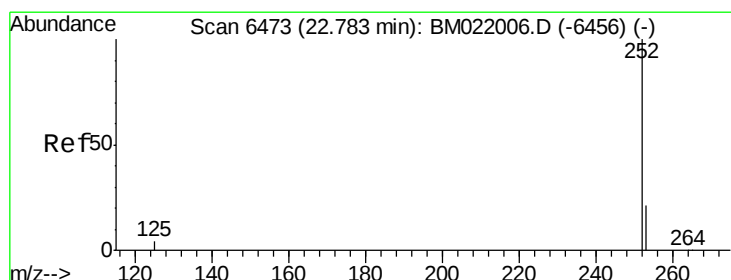
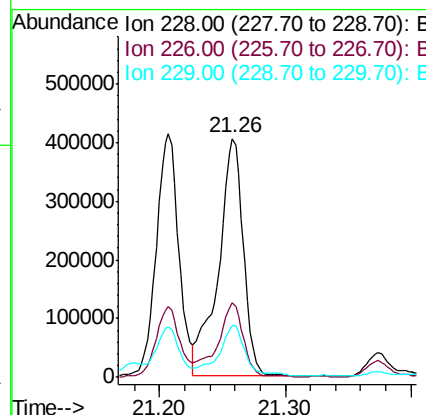
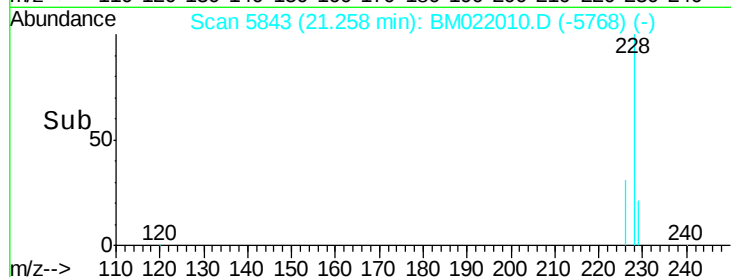
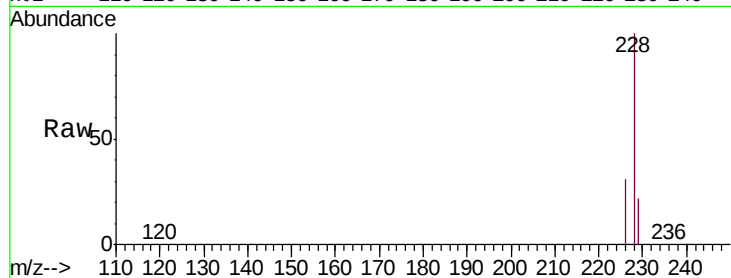
ClientSampled :

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Tgt Ion:	228	Resp:	561830
Ion Ratio	Lower	Upper	
228	100		
226	31.3	24.9	37.3
229	21.5	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 50.134 ng/ul m

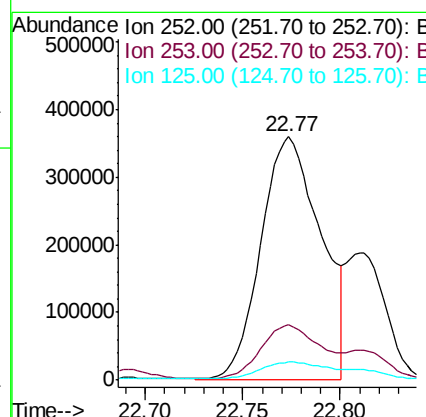
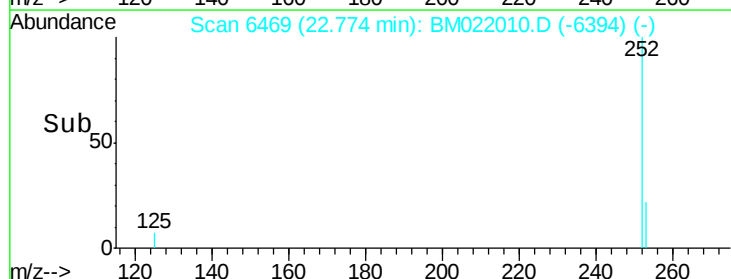
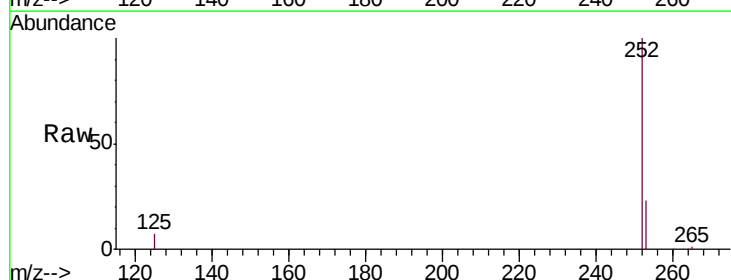
RT: 22.77 min Scan# 6469

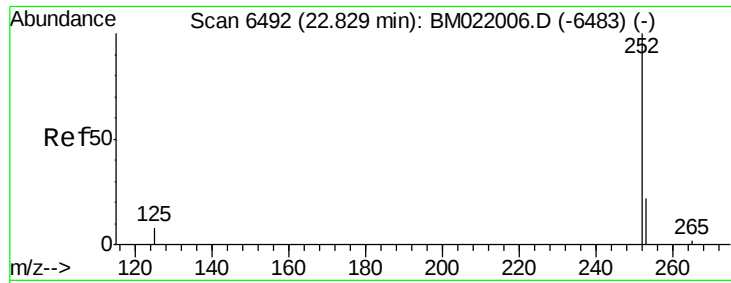
Delta R.T. -0.02 min

Lab File: BM022010.D

Acq: 11 Aug 2019 00:27

Tgt Ion:	252	Resp:	770737
Ion Ratio	Lower	Upper	
252	100		
253	22.6	0.0	67.4
125	7.4	0.0	31.0





#22

Benzo(k)fluoranthene

Concen: 15.421 ng/ul

RT: 22.81 min Scan# 6484

Delta R.T. -0.02 min

Lab File: BM022010.D

Acq: 11 Aug 2019 00:27

Instrument :

BNA_M

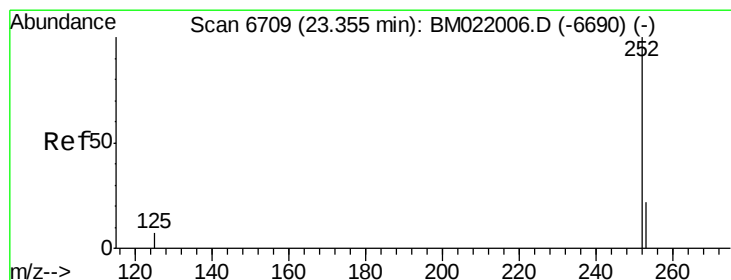
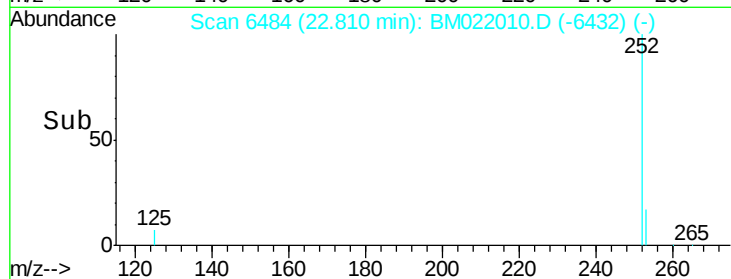
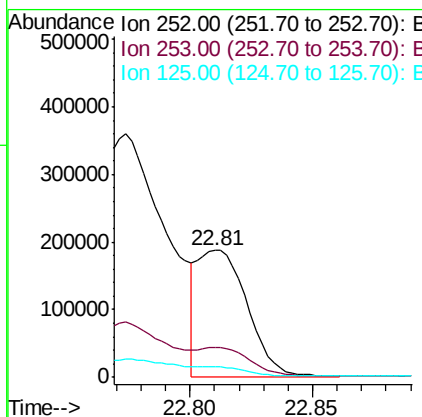
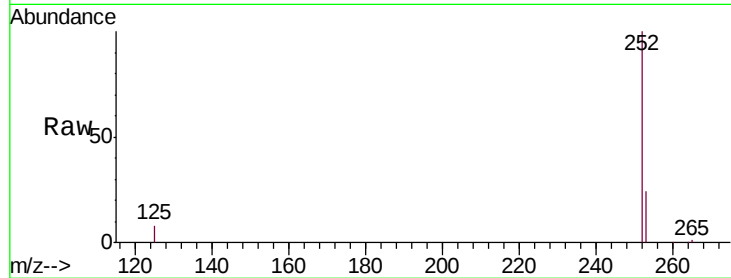
ClientSampled :

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Tgt Ion:	252	Resp:	268293
Ion Ratio	Lower	Upper	
252	100		
253	23.5	27.0	40.4#
125	8.1	12.2	18.2#

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#23

Benzo(a)pyrene

Concen: 34.305 ng/ul

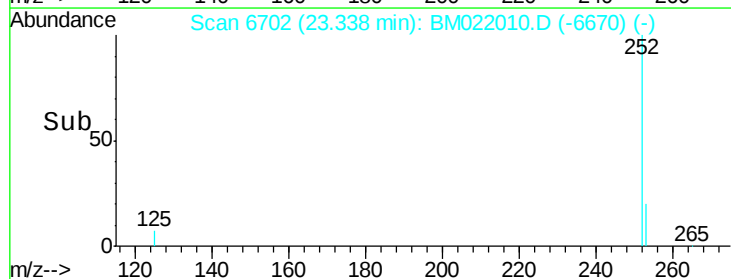
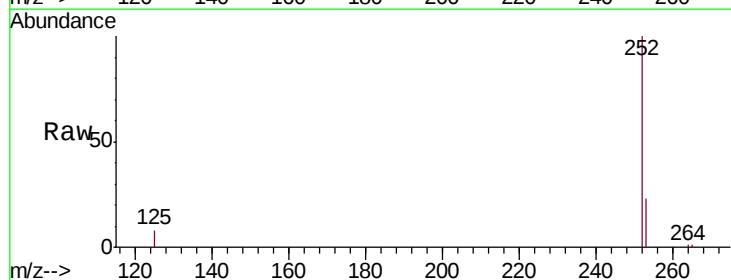
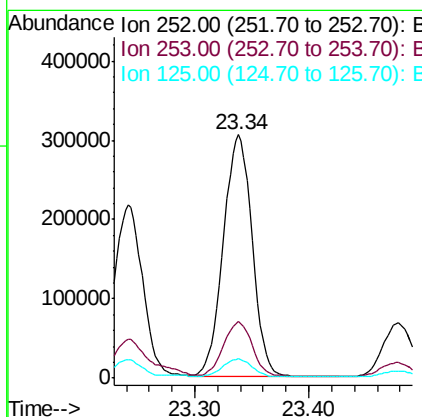
RT: 23.34 min Scan# 6702

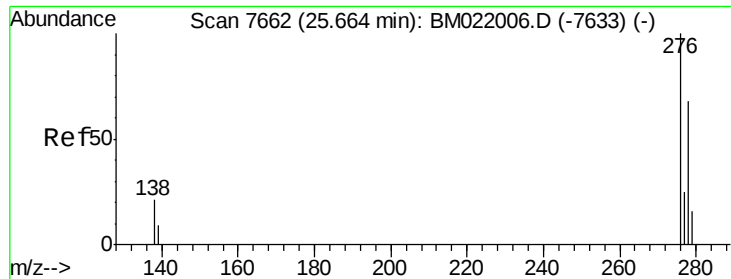
Delta R.T. -0.02 min

Lab File: BM022010.D

Acq: 11 Aug 2019 00:27

Tgt Ion:	252	Resp:	536336
Ion Ratio	Lower	Upper	
252	100		
253	23.1	31.7	47.5#
125	7.8	14.6	21.8#





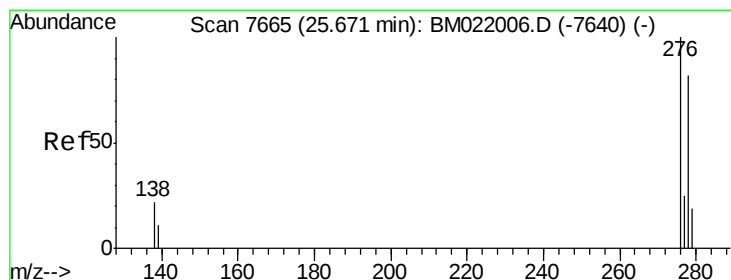
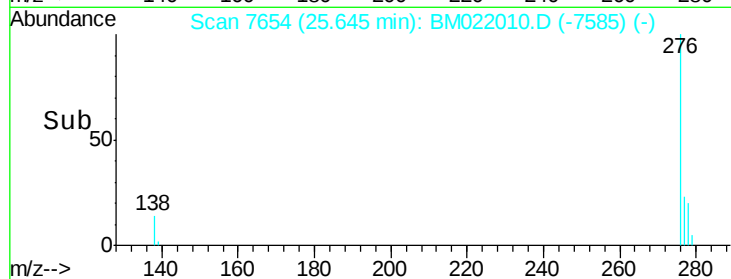
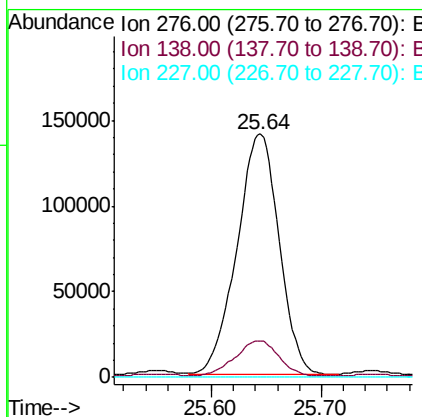
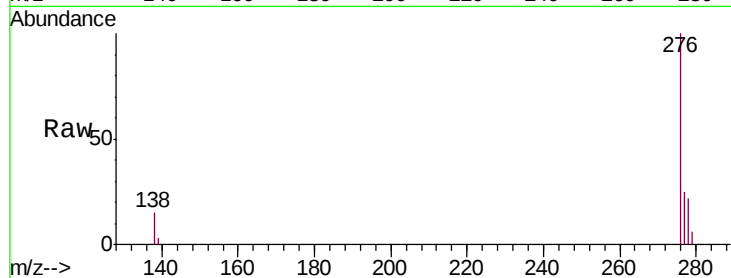
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 19.987 ng/ul
 RT: 25.64 min Scan# 7654
 Delta R.T. -0.03 min
 Lab File: BM022010.D
 Acq: 11 Aug 2019 00:27

Instrument :
 BNA_M
 ClientSampleId :
 BENY9

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.2	15.1	22.7
227	0.0	0.0	0.0

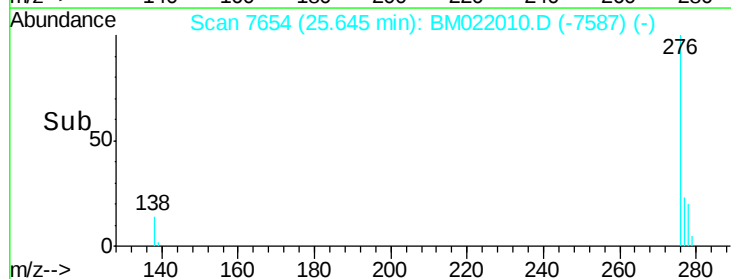
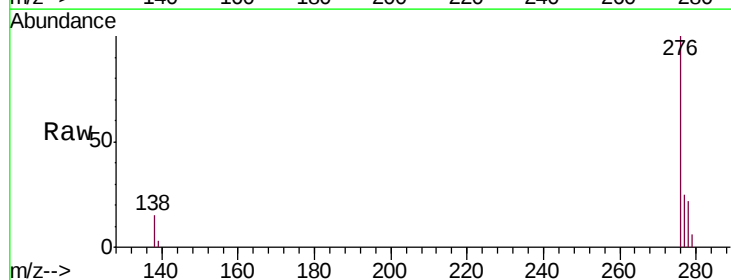
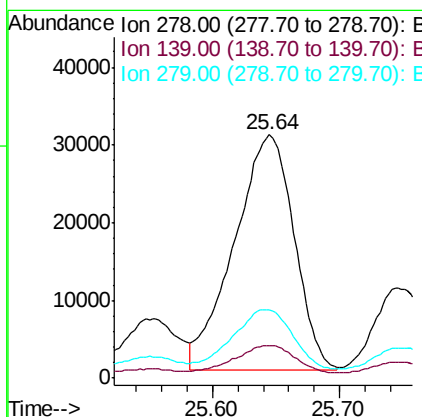
Manual Integrations
 APPROVED

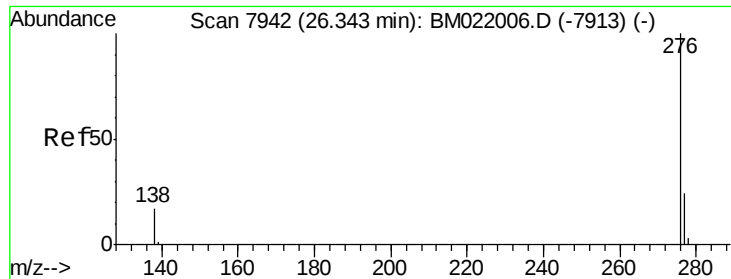
Sohil
 8/13/2019 8:46:37 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 6.580 ng/ul m
 RT: 25.64 min Scan# 7654
 Delta R.T. -0.04 min
 Lab File: BM022010.D
 Acq: 11 Aug 2019 00:27

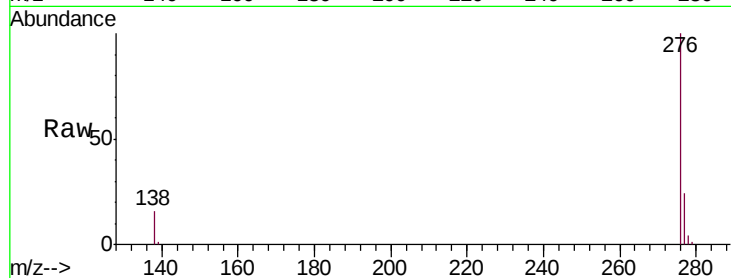
Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.5	14.2	21.2#
279	28.3	28.3	42.5#





#26
Benzo(g,h,i)perylene
Concen: 21.883 ng/ul
RT: 26.33 min Scan# 7936
Delta R.T. -0.03 min
Lab File: BM022010.D
Acq: 11 Aug 2019 00:27

Instrument :
BNA_M
ClientSampleId :
BENY9



Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		367766		
138	15.6	15.5	23.3		
277	24.4	21.4	32.2		

Manual Integrations
APPROVED

Sohil
8/13/2019 8:46:37 AM

