

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081219\
 Data File : BM022056.D
 Acq On : 13 Aug 2019 06:34
 Operator : HP/JU
 Sample : K4041-16
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENW9

Manual Integrations
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mohammad
 8/14/2019 2:48:36 AM

Quant Time: Aug 13 09:35:44 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	962	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.38	136	3927	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.26	164	2100	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	4868m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.22	240	4684m	0.40	ng/ul	-0.02
20) Perylene-d12	23.43	264	4763m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1216	0.19	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	3332m	0.20	ng/ul	-0.02
Target Compounds				Ovalue		
3) Naphthalene	10.43	128	1705	0.154	ng/ul	97
5) 2-Methylnaphthalene	12.07	142	974	0.132	ng/ul	96
7) Acenaphthylene	13.98	152	3602	0.368	ng/ul#	83
8) Acenaphthene	14.32	153	1521	0.190	ng/ul	98
9) Fluorene	15.32	166	1561	0.175	ng/ul#	98
12) Phenanthrene	17.06	178	40669m	2.871	ng/ul	
13) Anthracene	17.15	178	10122m	0.838	ng/ul	
15) Fluoranthene	19.08	202	95312m	5.023	ng/ul	
17) Pyrene	19.45	202	114651	5.957	ng/ul	98
18) Benzo(a)anthracene	21.20	228	74262m	4.432	ng/ul	
19) Chrysene	21.26	228	76943	3.571	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	86349m	5.376	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	35037m	1.928	ng/ul	
23) Benzo(a)pyrene	23.33	252	69877	4.278	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.63	276	41982	2.153	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.64	278	13182	0.836	ng/ul	97
26) Benzo(a,h,i)perylene	26.32	276	44215	2.518	ng/ul	97

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

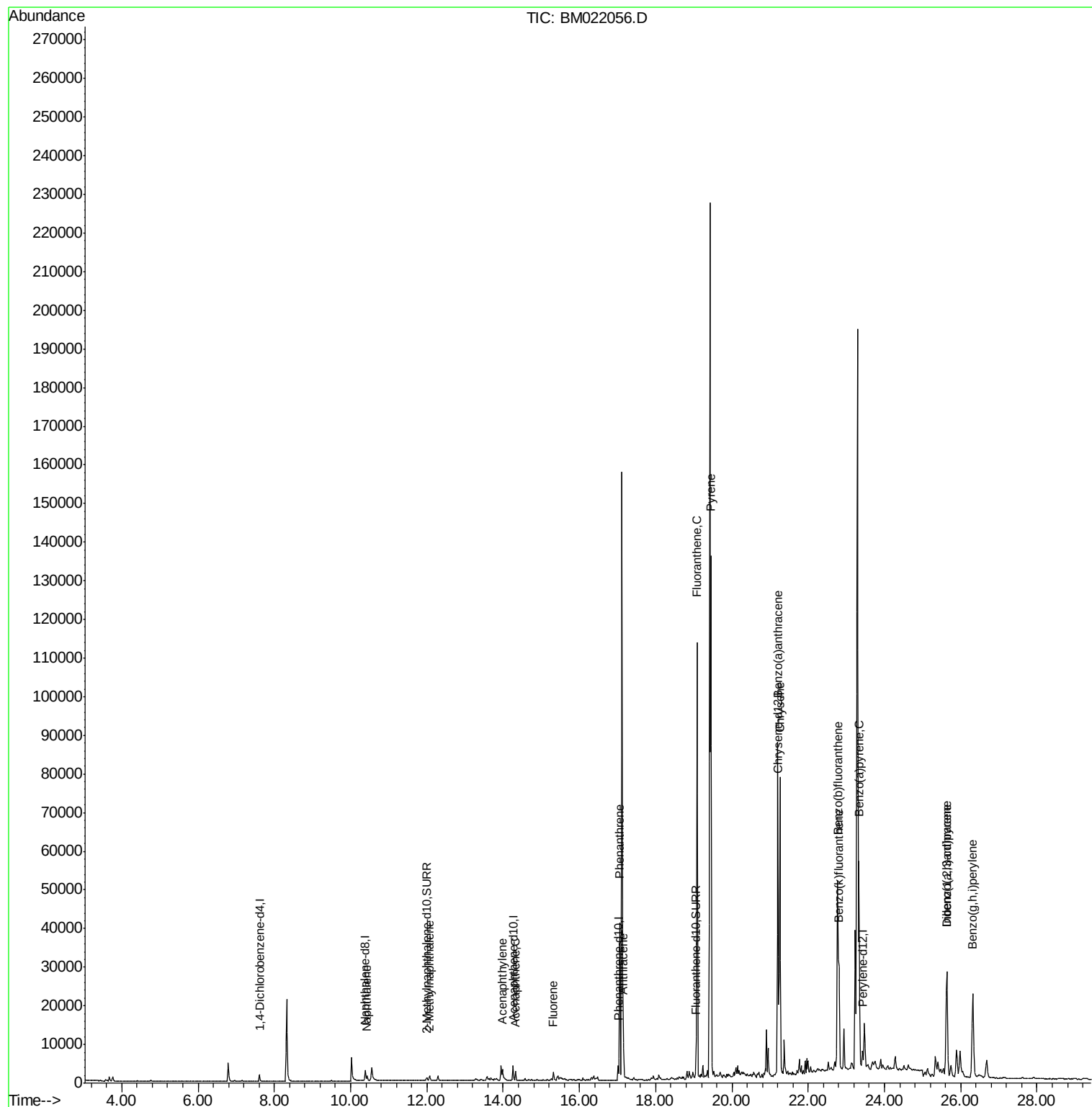
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081219\
Data File : BM022056.D
Acq On : 13 Aug 2019 06:34
Operator : HP/JU
Sample : K4041-16
Misc :
ALS Vial : 36 Sample Multiplier: 1

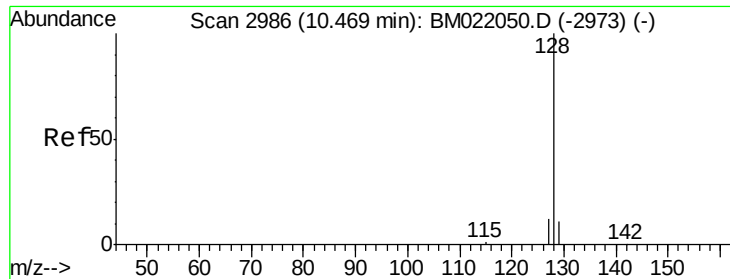
Instrument :
BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
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QLast Update : Tue Aug 13 08:25:01 2019
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#3

Naphthalene

Concen: 0.154 ng/ul

RT: 10.43 min Scan# 2977

Delta R.T. -0.03 min

Lab File: BM022056.D

Acq: 13 Aug 2019 06:34

Instrument :

BNA_M

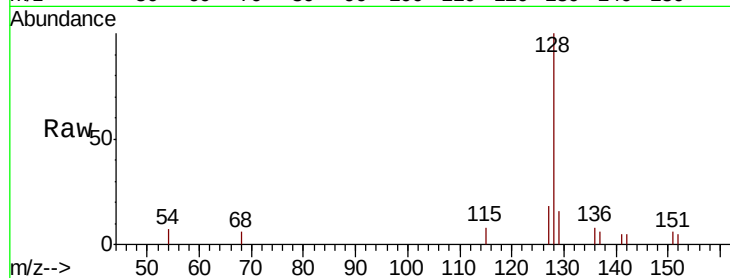
ClientSampled :

BENW9

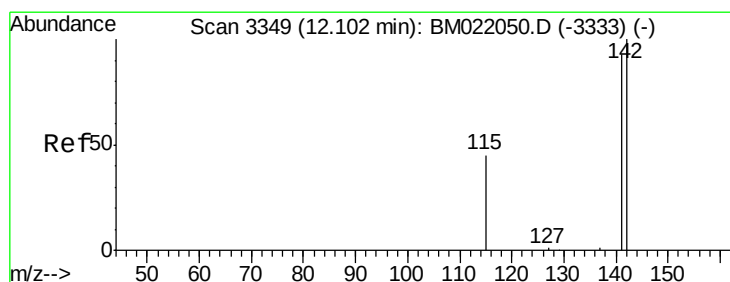
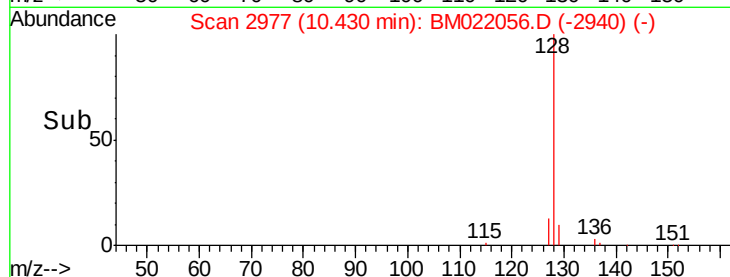
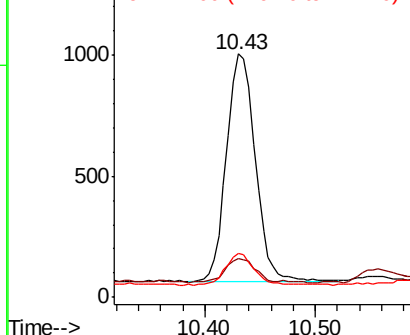
Tot Ion:	128	Resp:	1705
Ion	Ratio	Lower	Upper
128	100		
129	16.1	12.3	18.5
127	17.8	13.0	19.6

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.132 ng/ul

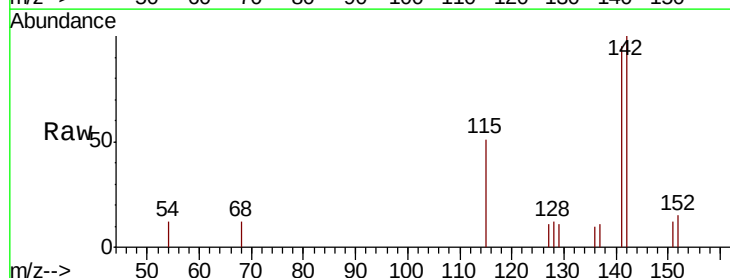
RT: 12.07 min Scan# 3342

Delta R.T. -0.02 min

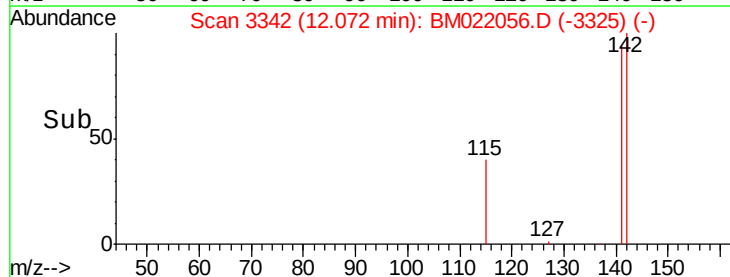
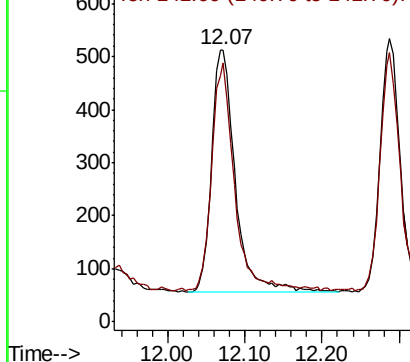
Lab File: BM022056.D

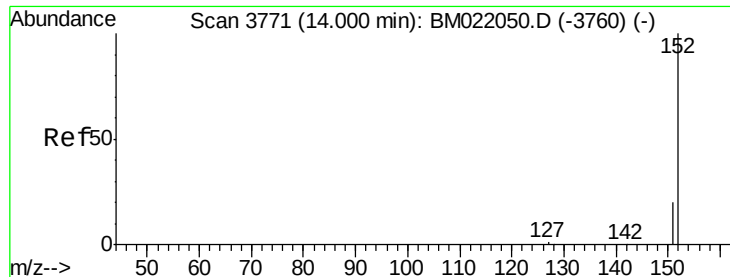
Acq: 13 Aug 2019 06:34

Tgt Ion:	142	Resp:	974
Ion	Ratio	Lower	Upper
142	100		
141	89.3	74.3	111.5



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.368 ng/ul

RT: 13.98 min Scan# 3767

Delta R.T. -0.02 min

Lab File: BM022056.D

Acq: 13 Aug 2019 06:34

Instrument :

BNA_M

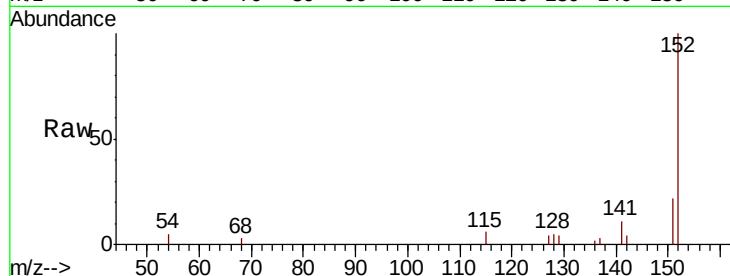
ClientSampleId :

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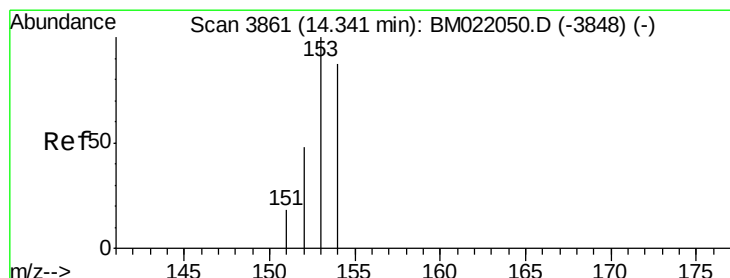
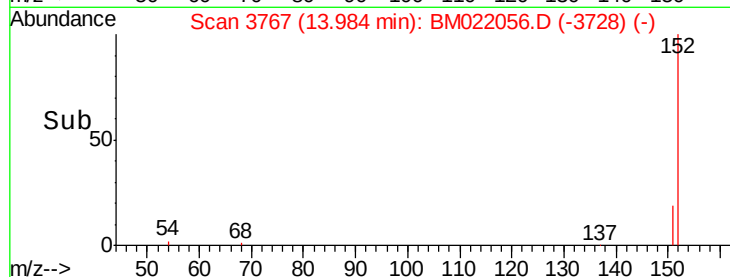
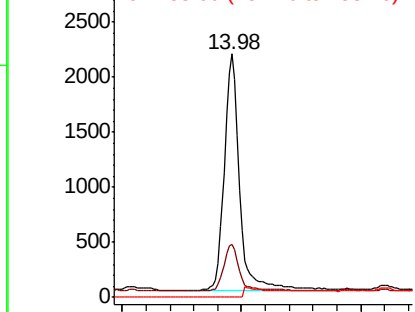
Tot Ion:	152	Resp:	3602
Ion Ratio	Lower	Upper	
152	100		
151	21.6	18.3	27.5
153	0.0	12.8	19.2#

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.190 ng/ul

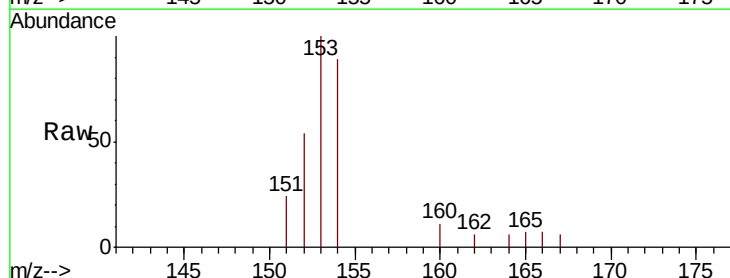
RT: 14.32 min Scan# 3855

Delta R.T. -0.02 min

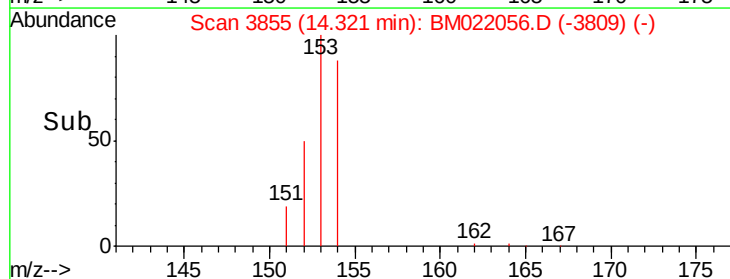
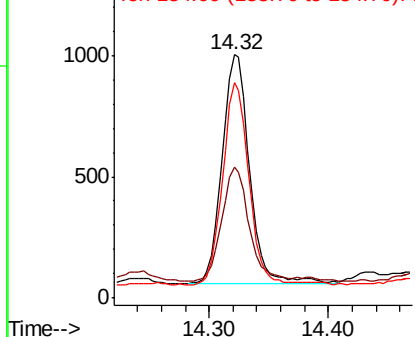
Lab File: BM022056.D

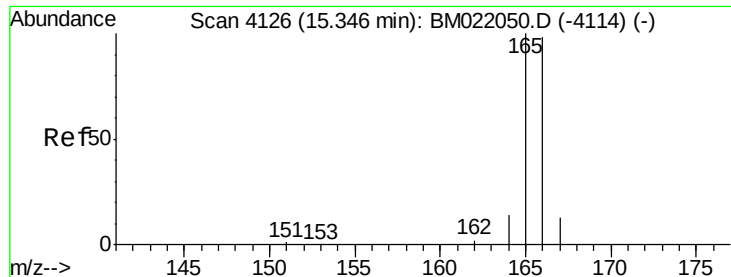
Acq: 13 Aug 2019 06:34

Tgt Ion:	153	Resp:	1521
Ion Ratio	Lower	Upper	
153	100		
152	53.9	41.3	61.9
154	88.7	72.3	108.5



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.175 ng/ul

RT: 15.32 min Scan# 4118

Delta R.T. -0.03 min

Lab File: BM022056.D

Acq: 13 Aug 2019 06:34

Instrument :

BNA_M

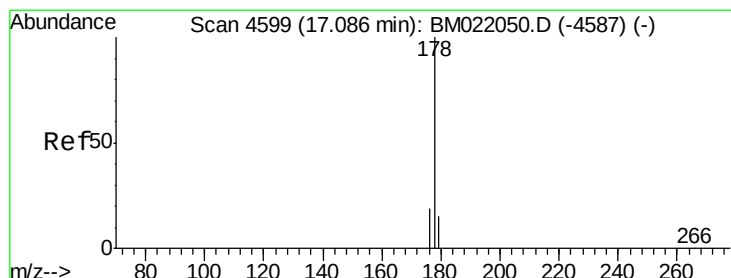
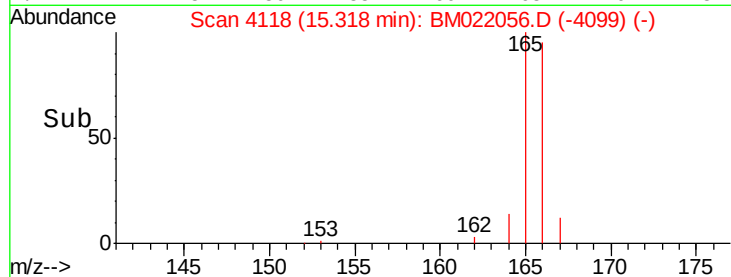
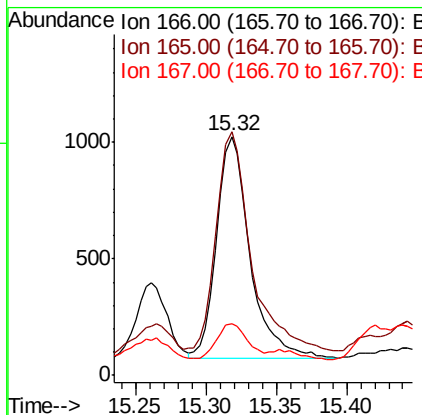
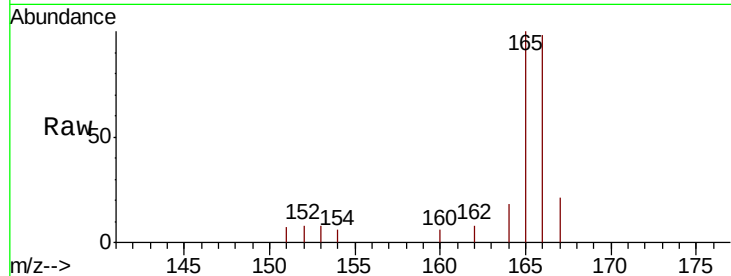
ClientSampled :

BENW9

Tot Ion:	166	Resp:	1561
Ion Ratio	Lower	Upper	
166	100		
165	101.9	81.4	122.0
167	21.8	13.7	20.5#

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#12

Phenanthrene

Concen: 2.871 ng/ul m

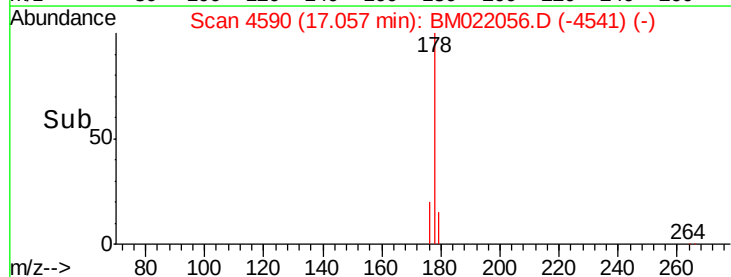
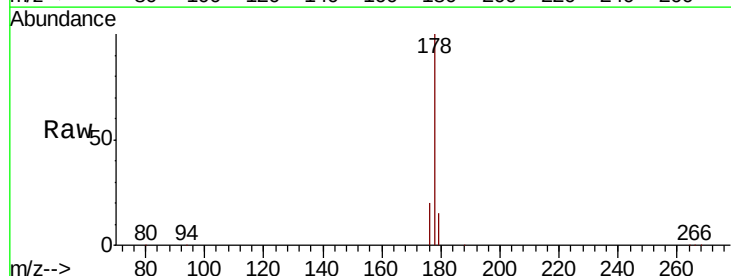
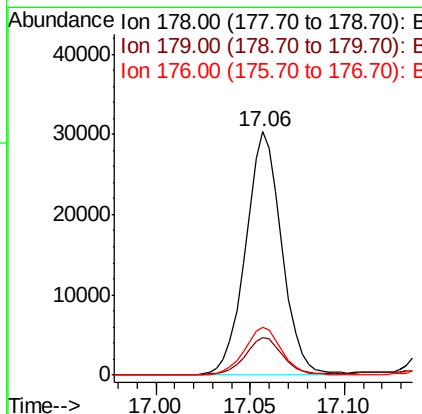
RT: 17.06 min Scan# 4590

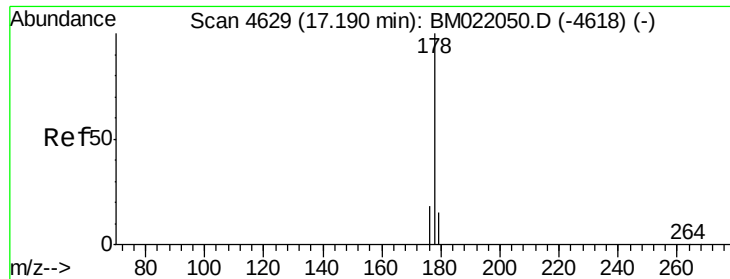
Delta R.T. -0.03 min

Lab File: BM022056.D

Acq: 13 Aug 2019 06:34

Tgt Ion:	178	Resp:	40669
Ion Ratio	Lower	Upper	
178	100		
179	15.4	14.2	21.2
176	19.8	16.8	25.2





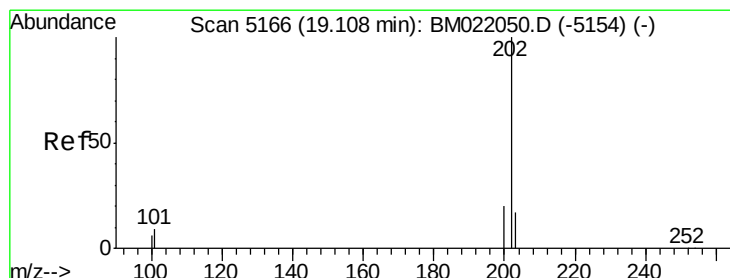
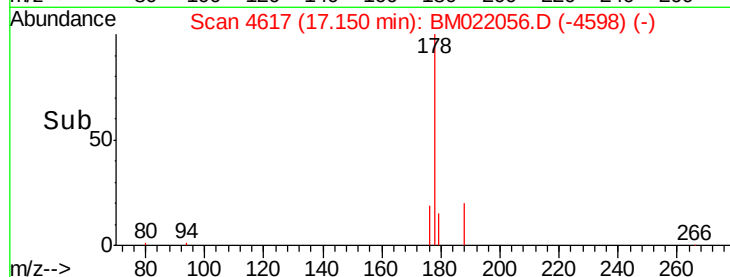
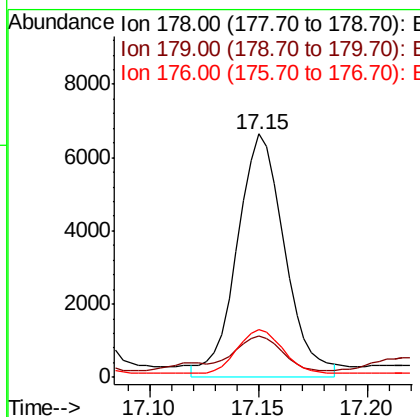
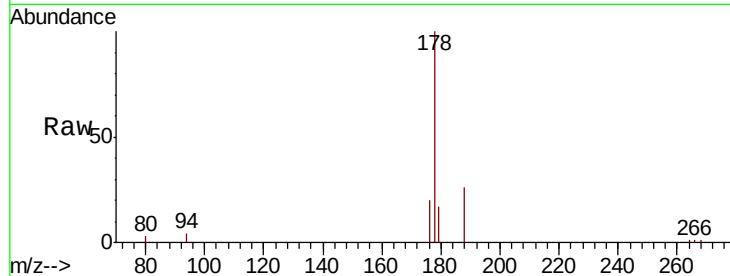
#13
 Anthracene
 Concen: 0.838 ng/ul m
 RT: 17.15 min Scan# 4617
 Delta R.T. -0.03 min
 Lab File: BM022056.D
 Acq: 13 Aug 2019 06:34

Instrument :
 BNA_M
 ClientSampleId :
 BENW9

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.9	15.5	23.3
176	19.6	16.6	25.0

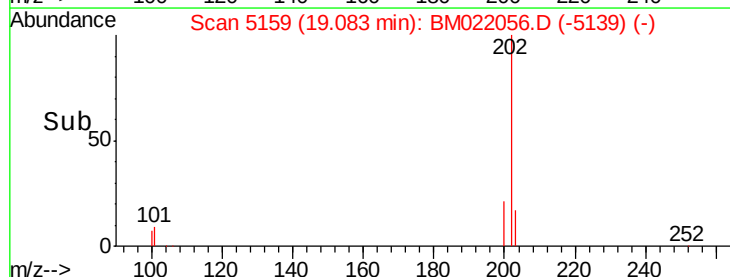
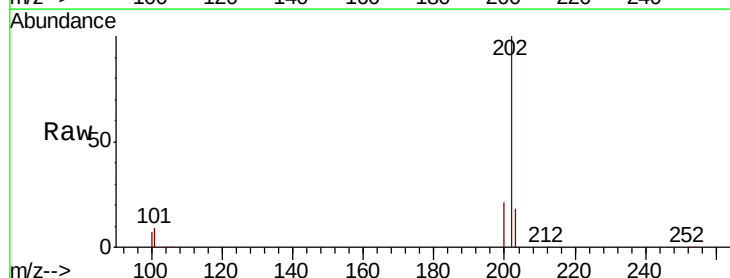
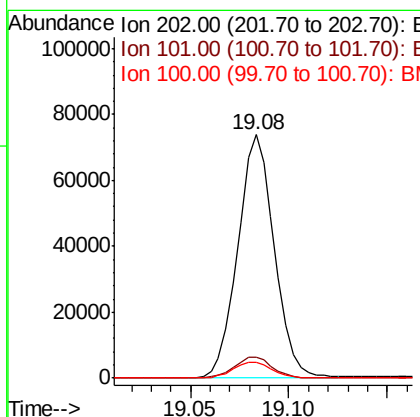
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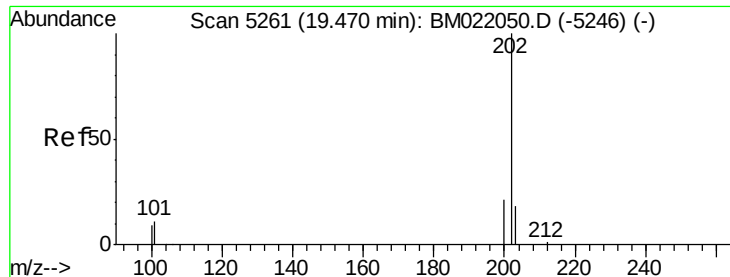
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#15
 Fluoranthene
 Concen: 5.023 ng/ul m
 RT: 19.08 min Scan# 5159
 Delta R.T. -0.02 min
 Lab File: BM022056.D
 Acq: 13 Aug 2019 06:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	30.2
100	6.7	0.0	28.1





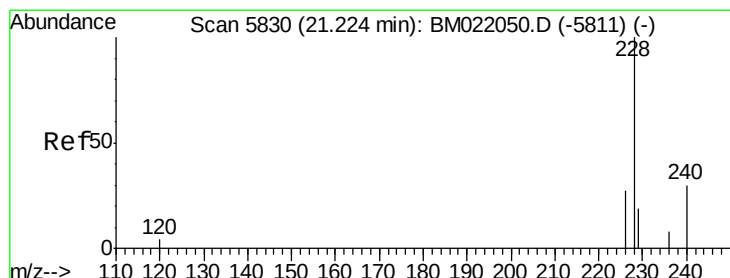
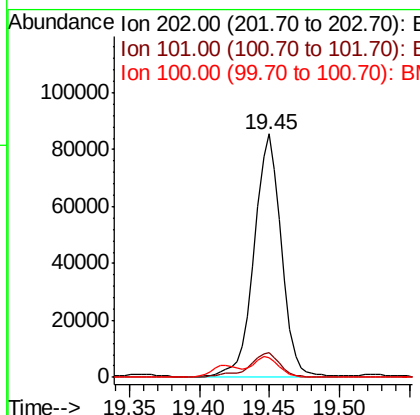
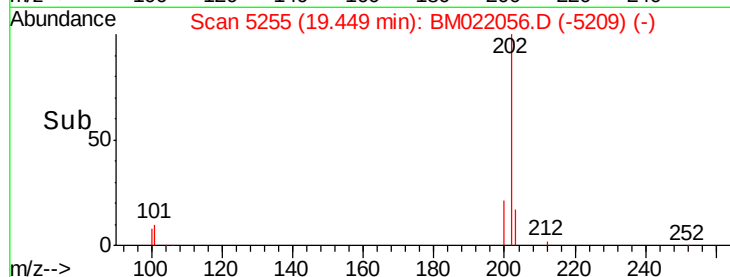
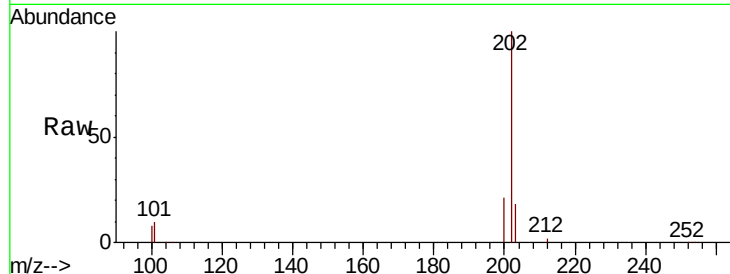
#17
Pvrene
Concen: 5.957 ng/ul
RT: 19.45 min Scan# 5255
Delta R.T. -0.02 min
Lab File: BM022056.D
Acq: 13 Aug 2019 06:34

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	9.9	8.3	12.5		
100	8.2	7.2	10.8		

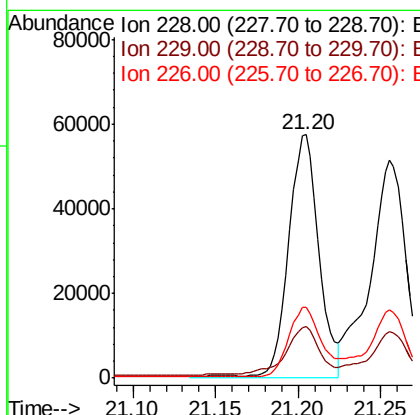
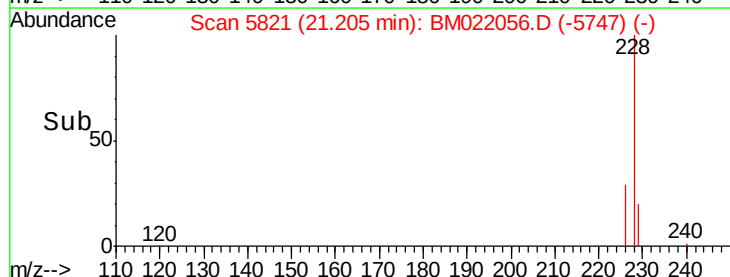
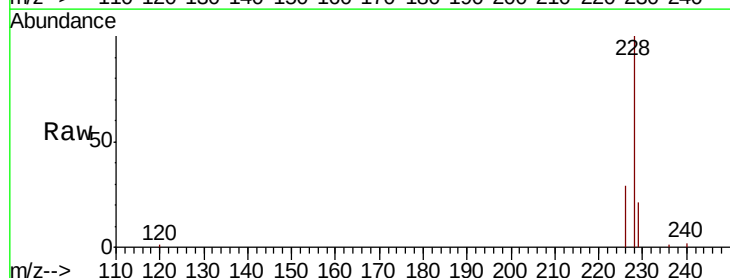
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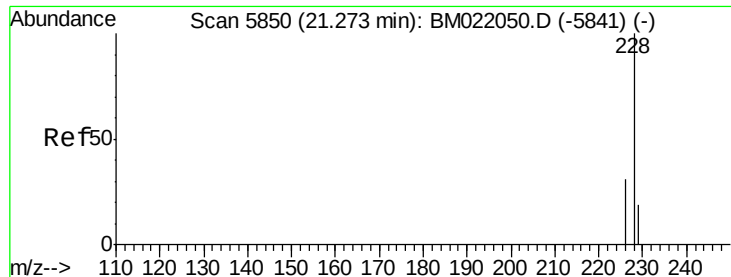
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#18
Benzo(a)anthracene
Concen: 4.432 ng/ul m
RT: 21.20 min Scan# 5821
Delta R.T. -0.02 min
Lab File: BM022056.D
Acq: 13 Aug 2019 06:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
229	21.1	17.2	25.8		
226	29.2	22.6	34.0		





#19

Chrysene

Concen: 3.571 ng/ul

RT: 21.26 min Scan# 5842

Delta R.T. -0.02 min

Lab File: BM022056.D

Acq: 13 Aug 2019 06:34

Instrument :

BNA_M

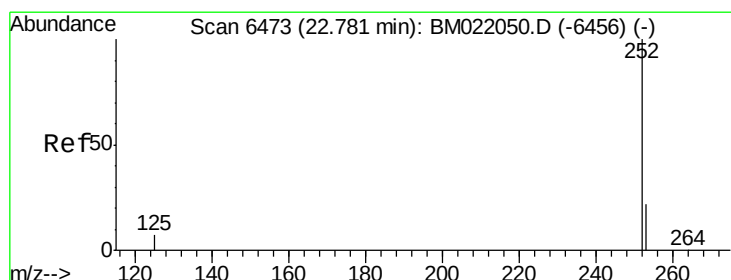
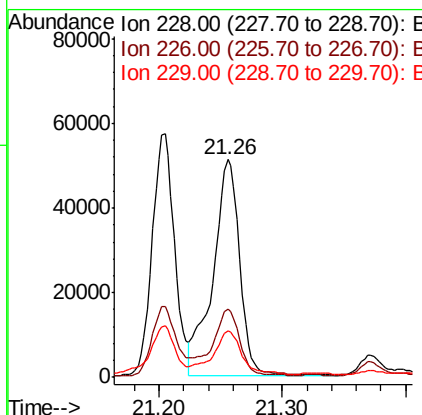
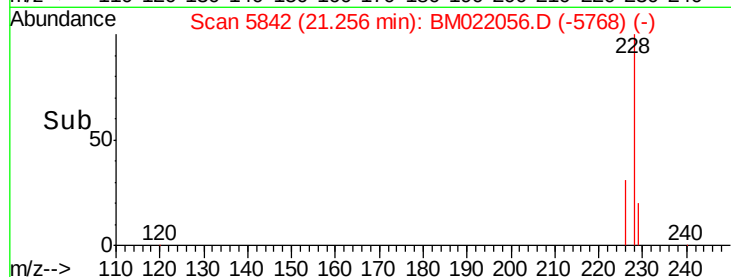
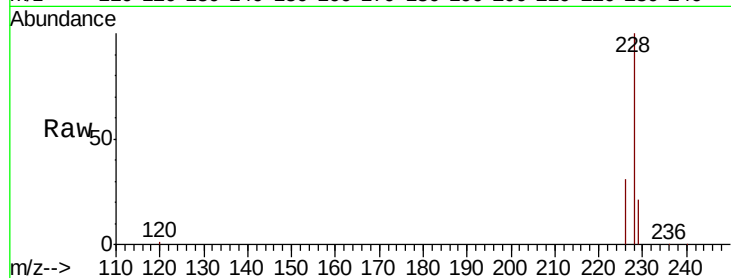
ClientSampleId :

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Tot Ion:228	Resp:	76943
Ion Ratio	Lower	Upper
228 100		
226 31.3	24.9	37.3
229 21.2	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 5.376 ng/ul m

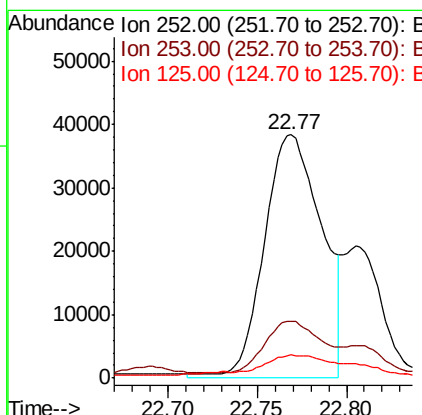
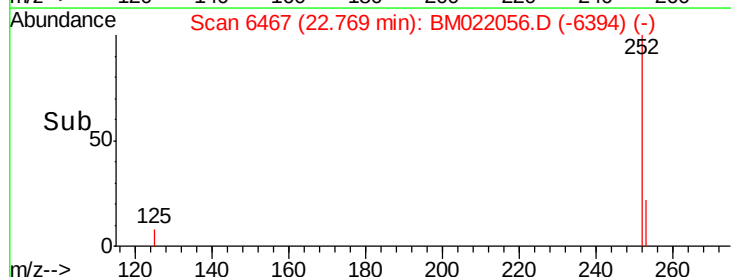
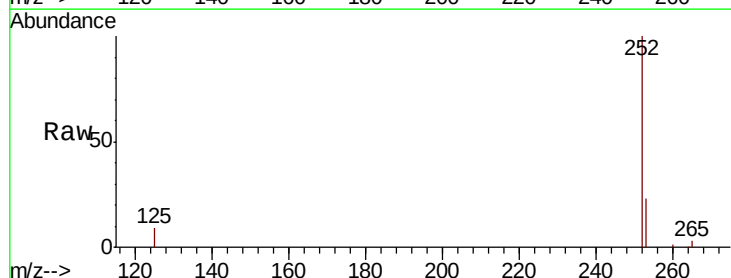
RT: 22.77 min Scan# 6467

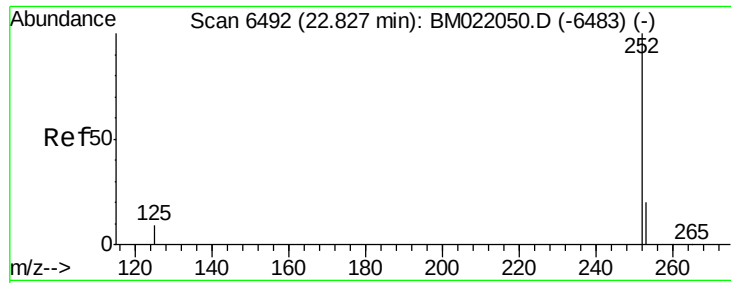
Delta R.T. -0.02 min

Lab File: BM022056.D

Acq: 13 Aug 2019 06:34

Tgt Ion:252	Resp:	86349
Ion Ratio	Lower	Upper
252 100		
253 23.2	0.0	67.4
125 9.4	0.0	31.0





#22

Benzo(k)fluoranthene

Concen: 1.928 ng/ul m

RT: 22.81 min Scan# 6482

Delta R.T. -0.03 min

Lab File: BM022056.D

Acq: 13 Aug 2019 06:34

Instrument :

BNA_M

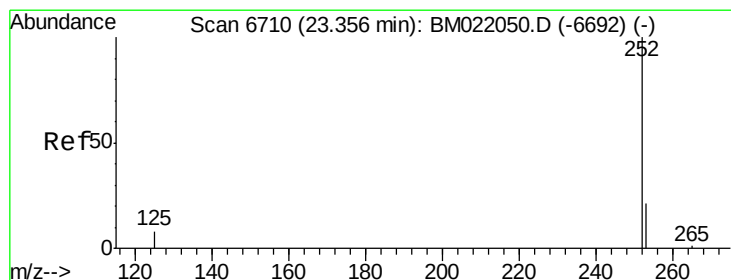
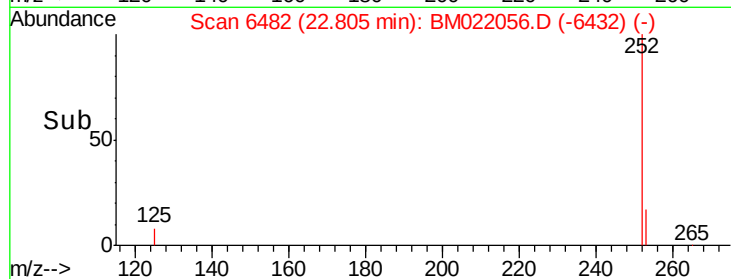
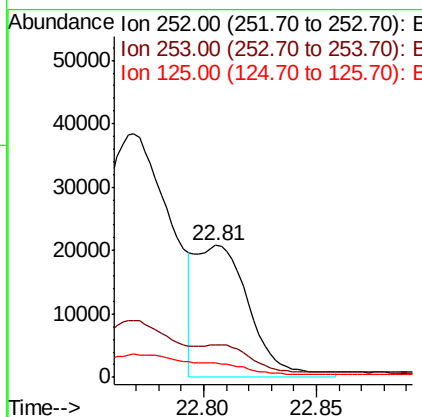
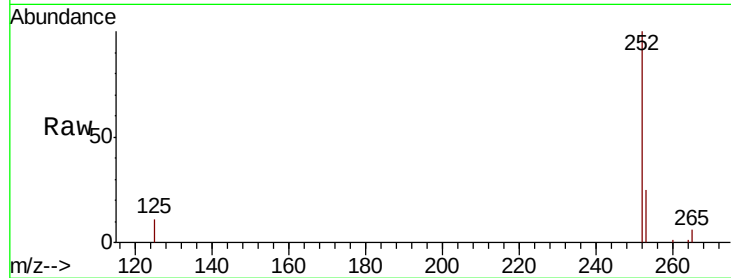
ClientSampled :

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Tot Ion:	252	Resp:	35037
Ion Ratio	Lower	Upper	
252	100		
253	24.9	27.0	40.4#
125	10.7	12.2	18.2#

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#23

Benzo(a)pyrene

Concen: 4.278 ng/ul

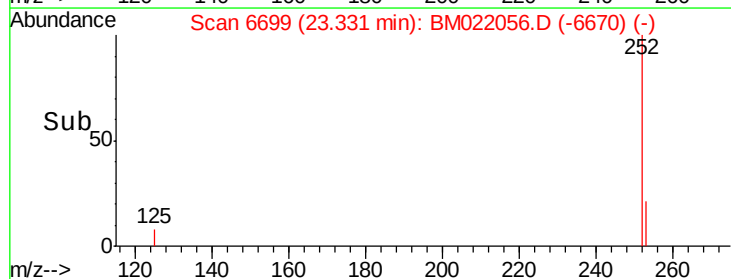
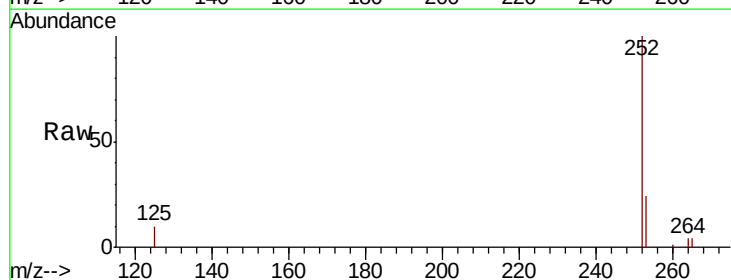
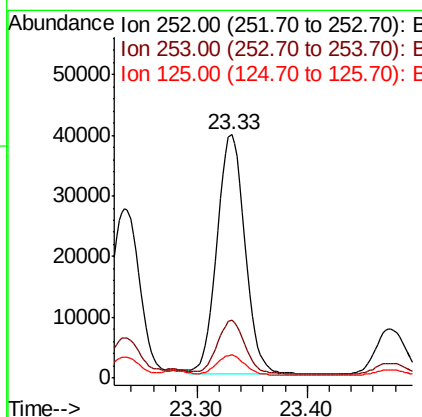
RT: 23.33 min Scan# 6699

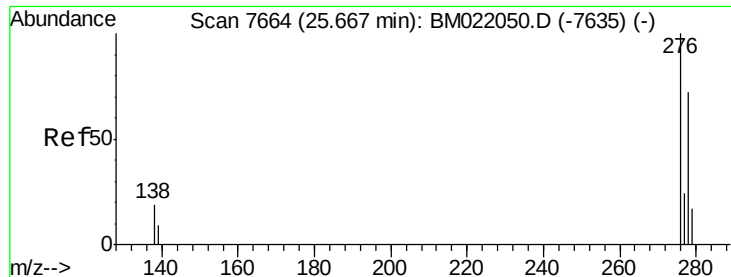
Delta R.T. -0.03 min

Lab File: BM022056.D

Acq: 13 Aug 2019 06:34

Tgt Ion:	252	Resp:	69877
Ion Ratio	Lower	Upper	
252	100		
253	23.6	31.7	47.5#
125	9.6	14.6	21.8#





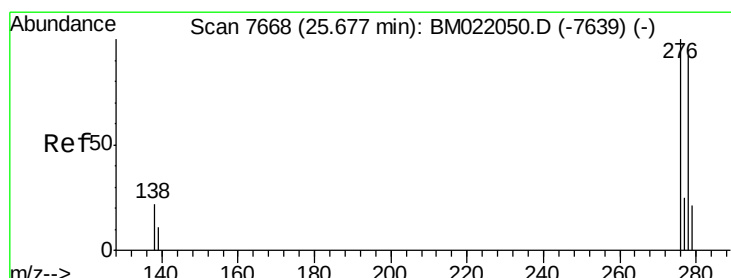
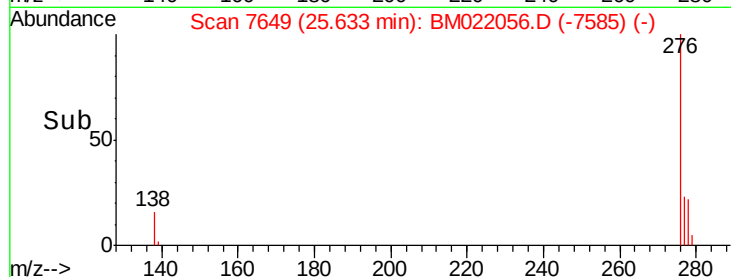
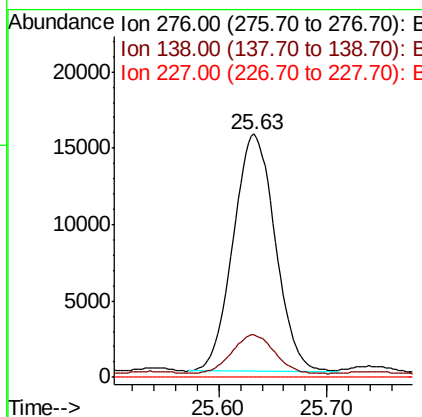
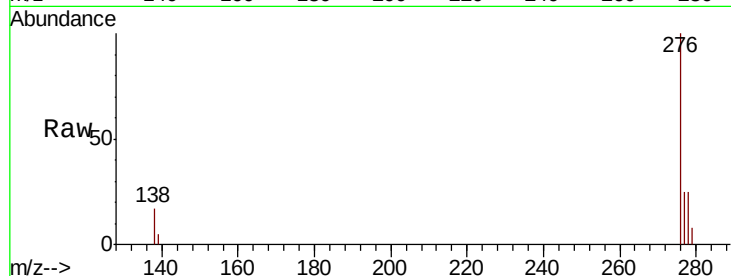
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.153 ng/ul
 RT: 25.63 min Scan# 7649
 Delta R.T. -0.04 min
 Lab File: BM022056.D
 Acq: 13 Aug 2019 06:34

Instrument :
 BNA_M
 ClientSampleId :
 BENW9

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.6	15.1	22.7
227	0.0	0.0	0.0

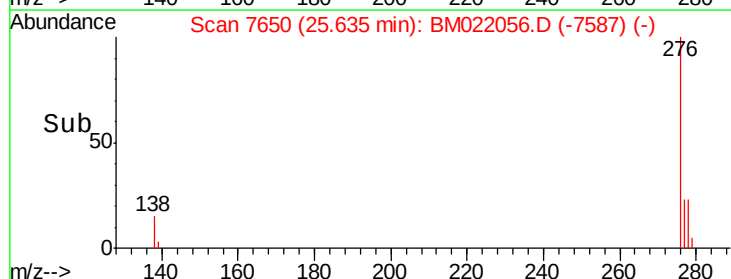
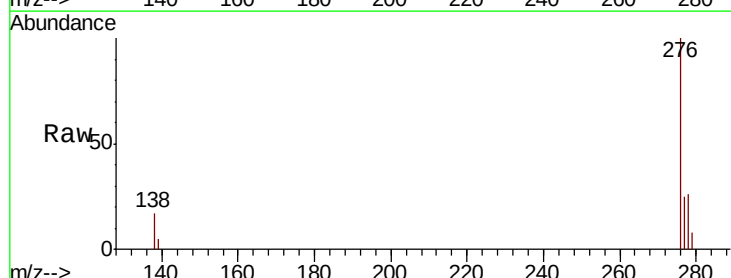
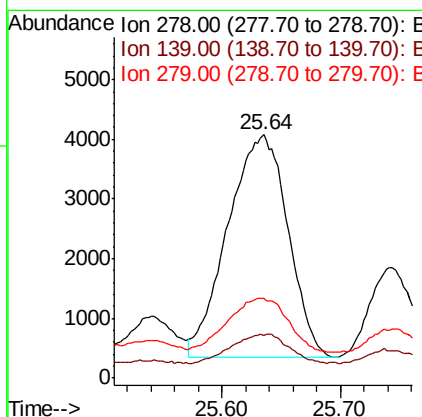
Manual Integrations
 APPROVED

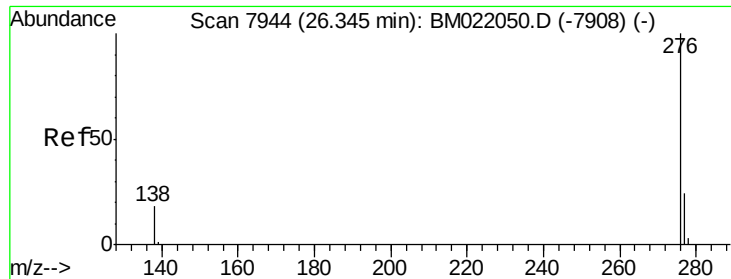
mohammad
 8/14/2019 2:48:36 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.836 ng/ul
 RT: 25.64 min Scan# 7650
 Delta R.T. -0.05 min
 Lab File: BM022056.D
 Acq: 13 Aug 2019 06:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	14.2	21.2
279	32.7	28.3	42.5





#26
 Benzo(a,h,i)perylene
 Concen: 2.518 ng/ul
 RT: 26.32 min Scan# 7931
 Delta R.T. -0.04 min
 Lab File: BM022056.D
 Acq: 13 Aug 2019 06:34

Instrument :
 BNA_M
 ClientSampleId :
 BENW9

Tot Ion:	276	Resp:	44215
Ion Ratio	Lower	Upper	
276	100		
138	17.7	15.5	23.3
277	25.2	21.4	32.2

Manual Integrations
 APPROVED

mohammad
 8/14/2019 2:48:36 AM

