

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021902.D
 Acq On : 07 Aug 2019 18:53
 Operator : HP/JU
 Sample : K4029-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:10:31 AM

Quant Time: Aug 08 04:59:39 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 : Thu Aug 08 04:39:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	797	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	3439	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.28	164	1924	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	4558m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	4338m	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	4115m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	1994	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	5115m	0.33	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.45	128	387	0.040	ng/ul#	65
5) 2-Methylnaphthalene	12.09	142	190	0.029	ng/ul	91
7) Acenaphthylene	14.00	152	1187	0.132	ng/ul#	82
8) Acenaphthene	14.34	153	264	0.036	ng/ul#	93
9) Fluorene	15.34	166	366	0.045	ng/ul#	94
12) Phenanthrene	17.07	178	7108	0.536	ng/ul	99
13) Anthracene	17.16	178	1818m	0.161	ng/ul	
15) Fluoranthene	19.10	202	20289m	1.142	ng/ul	
17) Pyrene	19.46	202	19229	1.079	ng/ul	99
18) Benzo(a)anthracene	21.22	228	11686	0.753	ng/ul	98
19) Chrysene	21.27	228	10812	0.542	ng/ul	97
21) Benzo(b)fluoranthene	22.79	252	15611m	1.125	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	5819m	0.371	ng/ul	
23) Benzo(a)pyrene	23.35	252	10806m	0.766	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.67	276	7287m	0.432	ng/ul	
25) Dibenzo(a,h)anthracene	25.67	278	2033m	0.149	ng/ul	
26) Benzo(a,h,i)perylene	26.35	276	5762m	0.380	ng/ul	

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

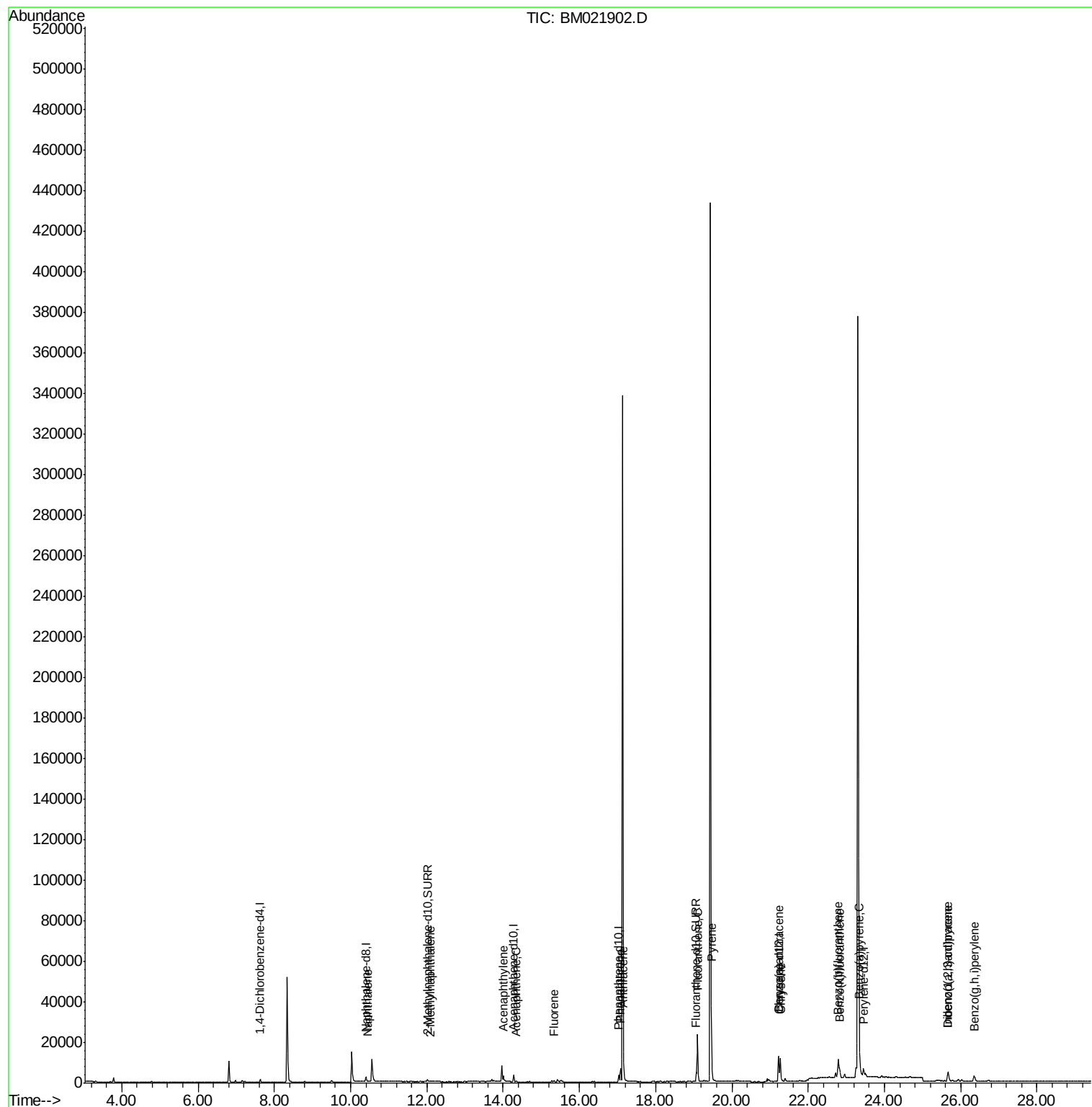
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021902.D
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Operator : HP/JU
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Misc :
ALS Vial : 12 Sample Multiplier: 1

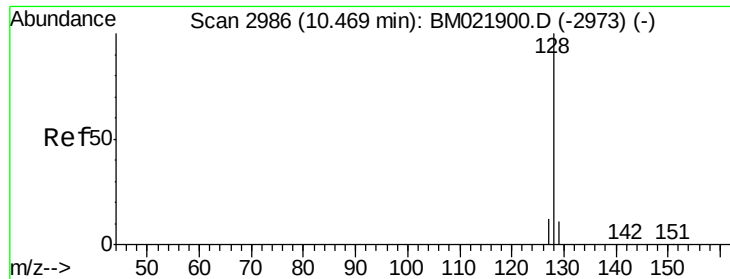
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Aug 08 04:59:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.040 ng/ul

RT: 10.45 min Scan# 2982

Delta R.T. -0.02 min

Lab File: BM021902.D

Acq: 07 Aug 2019 18:53

Instrument :

BNA_M

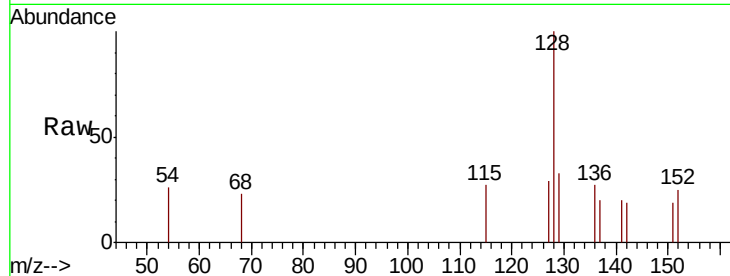
ClientSampleId :

BENX9

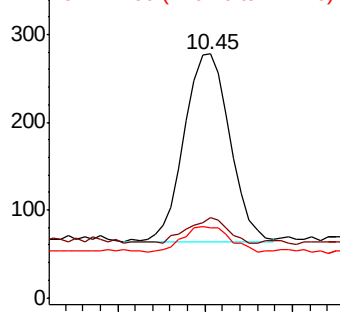
Tot Ion:	128	Resp:	387
Ion Ratio	Lower	Upper	
128	100		
129	32.7	12.3	18.5#
127	28.8	13.0	19.6#

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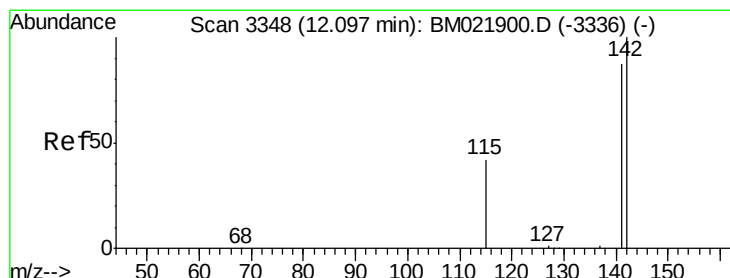
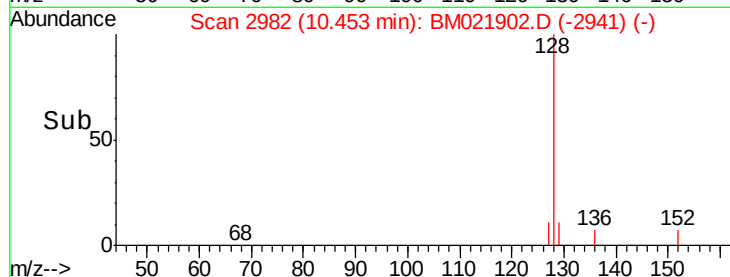
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 0.029 ng/ul

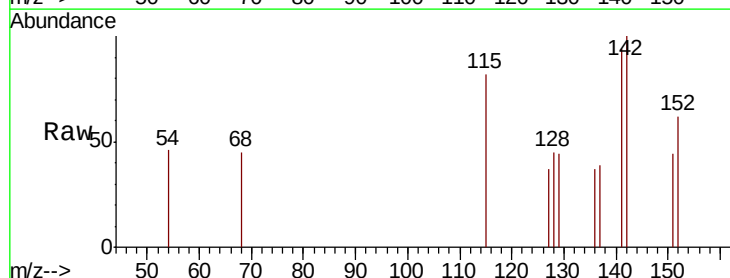
RT: 12.09 min Scan# 3346

Delta R.T. -0.01 min

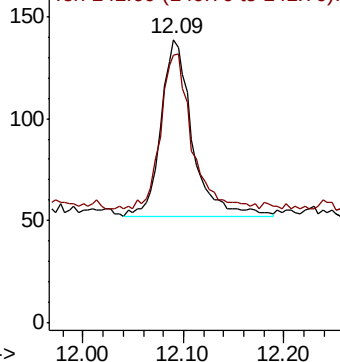
Lab File: BM021902.D

Acq: 07 Aug 2019 18:53

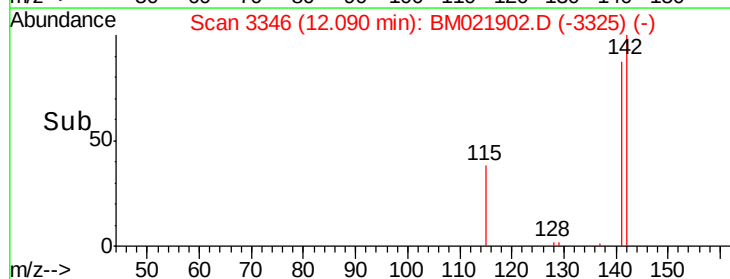
Tgt Ion:	142	Resp:	190
Ion Ratio	Lower	Upper	
142	100		
141	84.2	74.3	111.5

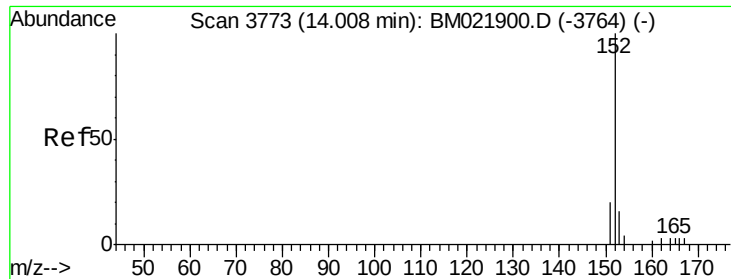


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





#7

Acenaphthylene

Concen: 0.132 ng/ul

RT: 14.00 min Scan# 3771

Delta R.T. -0.01 min

Lab File: BM021902.D

Acq: 07 Aug 2019 18:53

Instrument :

BNA_M

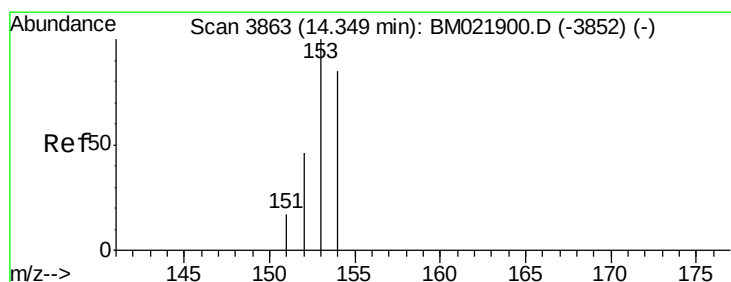
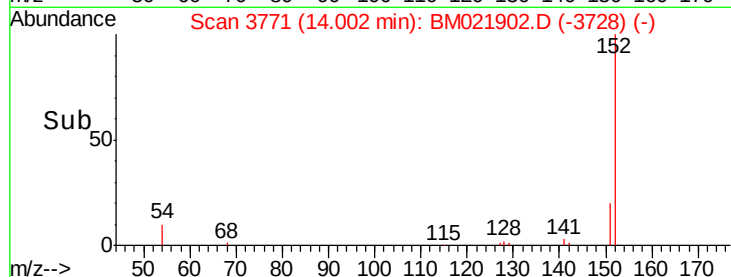
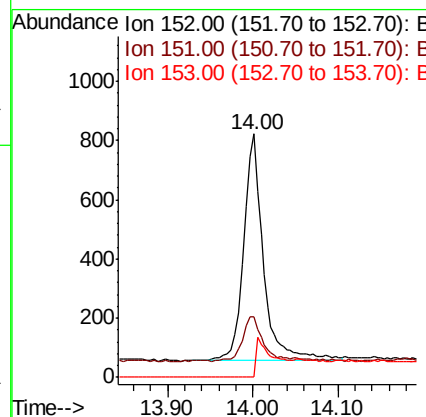
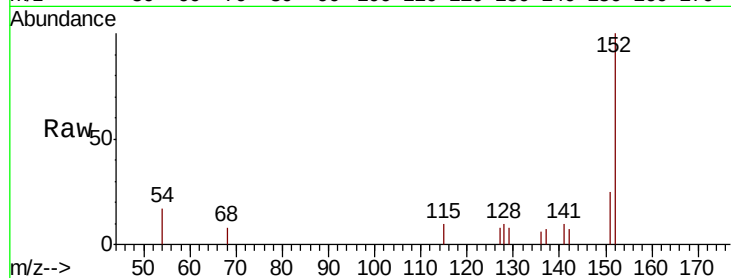
ClientSampled :

BENX9

Tot Ion:	152	Resp:	1187
Ion Ratio	Lower	Upper	
152	100		
151	25.0	18.3	27.5
153	0.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.036 ng/ul

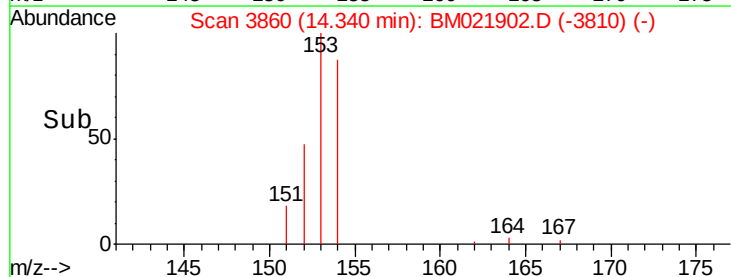
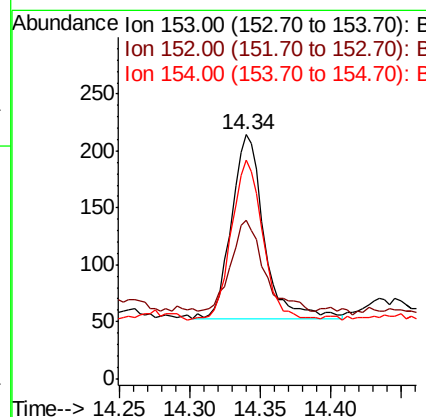
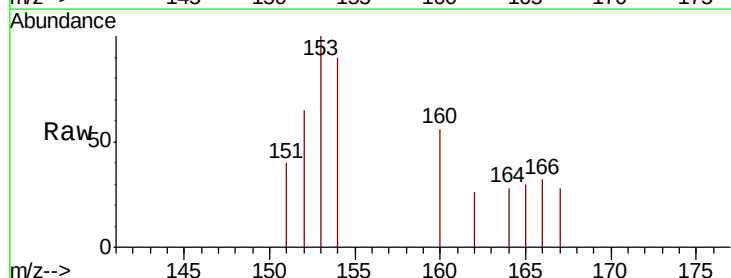
RT: 14.34 min Scan# 3860

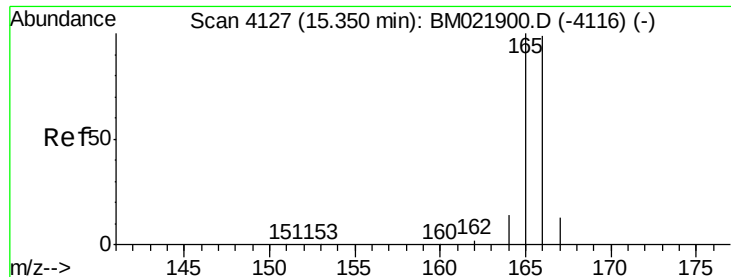
Delta R.T. -0.01 min

Lab File: BM021902.D

Acq: 07 Aug 2019 18:53

Tgt Ion:	153	Resp:	264
Ion Ratio	Lower	Upper	
153	100		
152	65.0	41.3	61.9#
154	89.7	72.3	108.5





#9

Fluorene

Concen: 0.045 ng/ul

RT: 15.34 min Scan# 4123

Delta R.T. -0.01 min

Lab File: BM021902.D

Acq: 07 Aug 2019 18:53

Instrument :

BNA_M

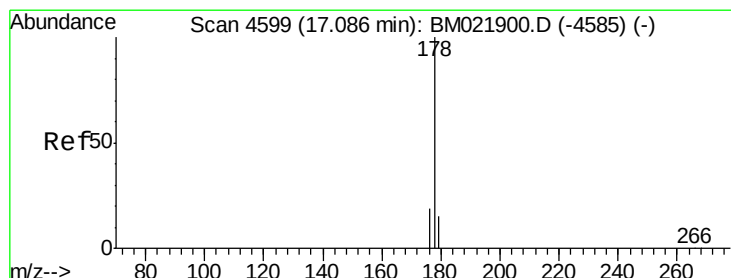
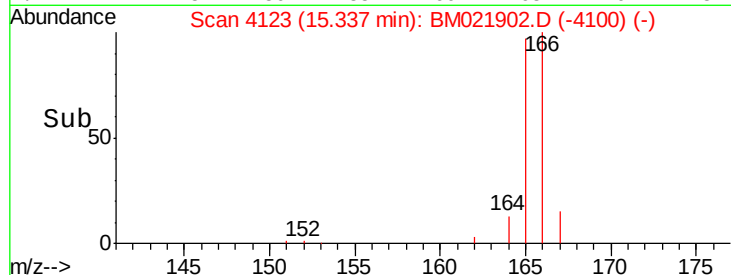
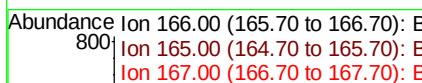
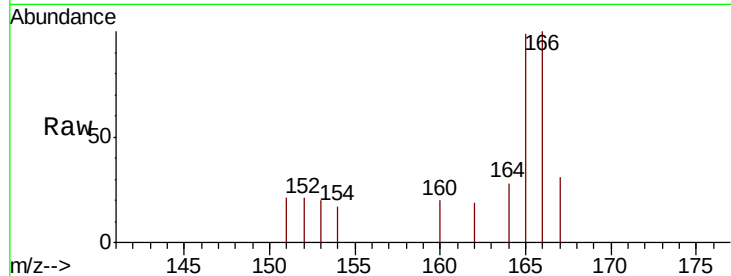
ClientSampled :

BENX9

Tot Ion:	166	Resp:	366
Ion	Ratio	Lower	Upper
166	100		
165	99.3	81.4	122.0
167	30.6	13.7	20.5#

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#12

Phenanthrene

Concen: 0.536 ng/ul

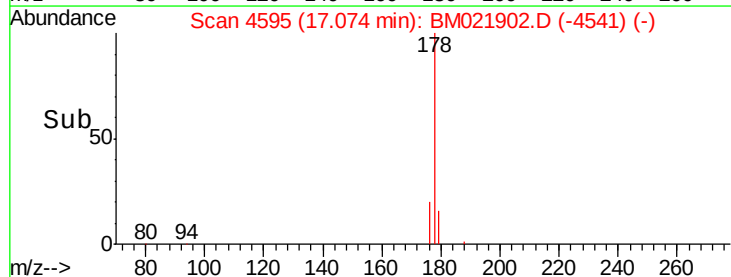
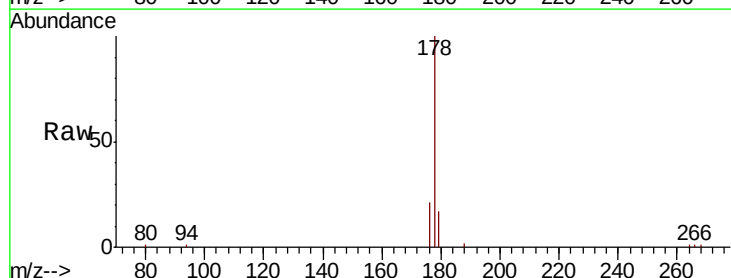
RT: 17.07 min Scan# 4595

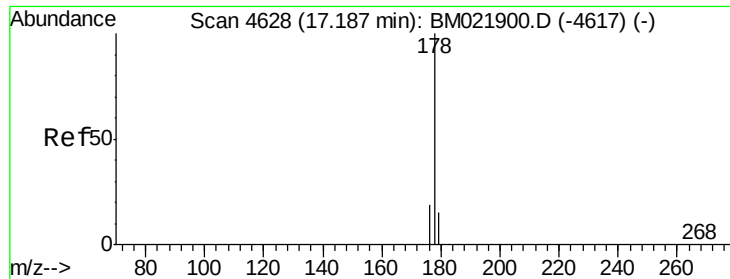
Delta R.T. -0.01 min

Lab File: BM021902.D

Acq: 07 Aug 2019 18:53

Tgt Ion:	178	Resp:	7108
Ion	Ratio	Lower	Upper
178	100		
179	16.8	14.2	21.2
176	20.7	16.8	25.2





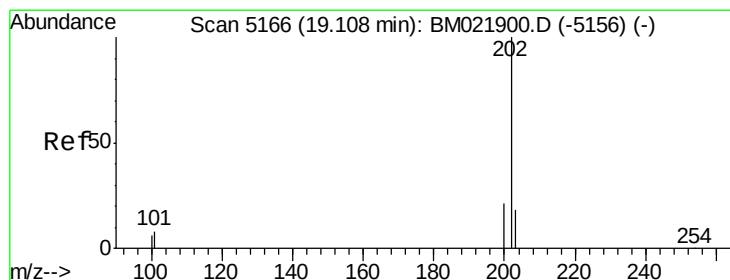
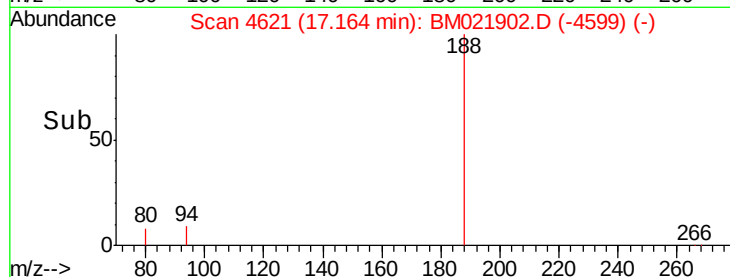
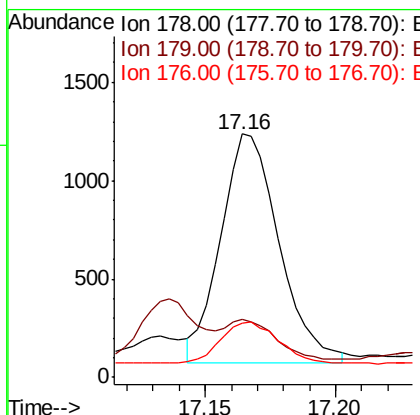
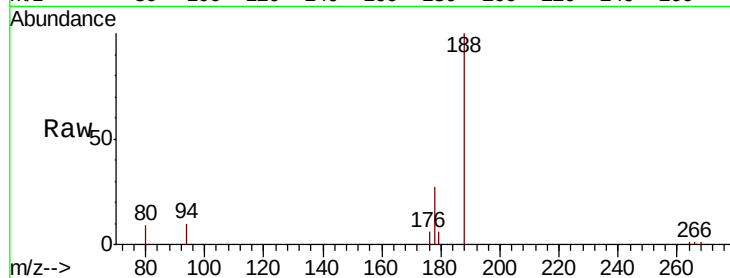
#13
 Anthracene
 Concen: 0.161 ng/ul m
 RT: 17.16 min Scan# 4621
 Delta R.T. -0.02 min
 Lab File: BM021902.D
 Acq: 07 Aug 2019 18:53

Instrument :
 BNA_M
 ClientSampleId :
 BENX9

Tot Ion	Ratio	Lower	Upper
178	100		
179	23.7	15.5	23.3#
176	22.5	16.6	25.0

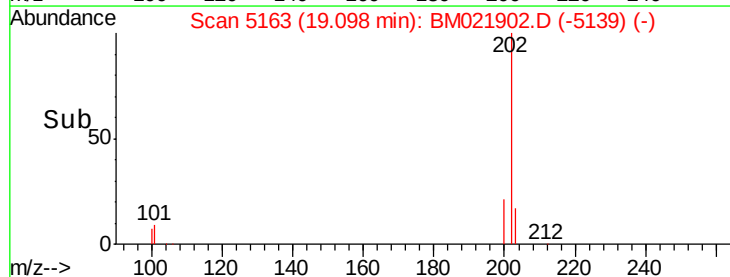
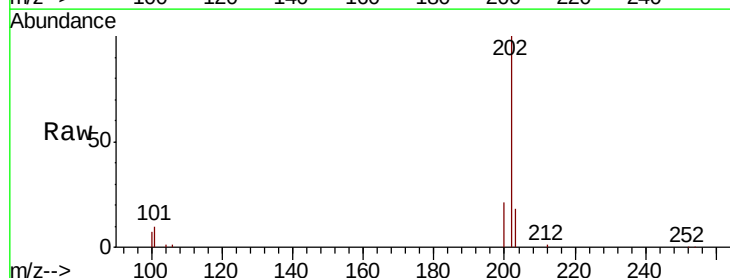
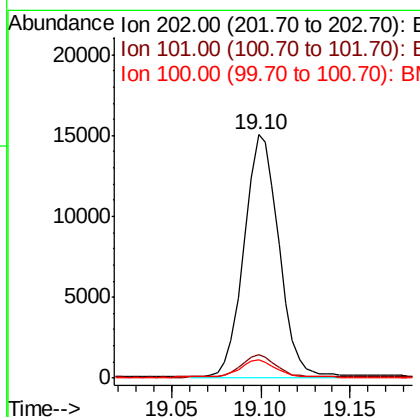
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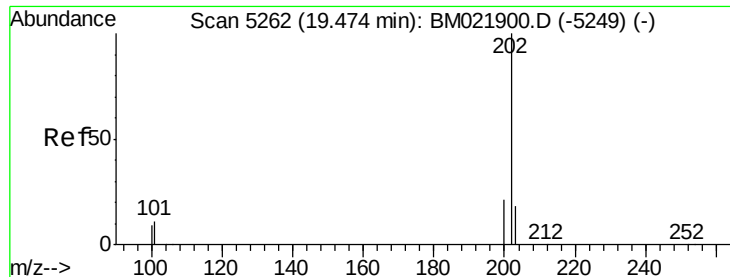
mohammad
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#15
 Fluoranthene
 Concen: 1.142 ng/ul m
 RT: 19.10 min Scan# 5163
 Delta R.T. -0.01 min
 Lab File: BM021902.D
 Acq: 07 Aug 2019 18:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.2
100	7.4	0.0	28.1





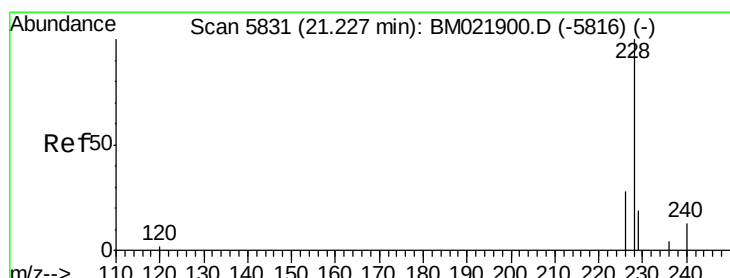
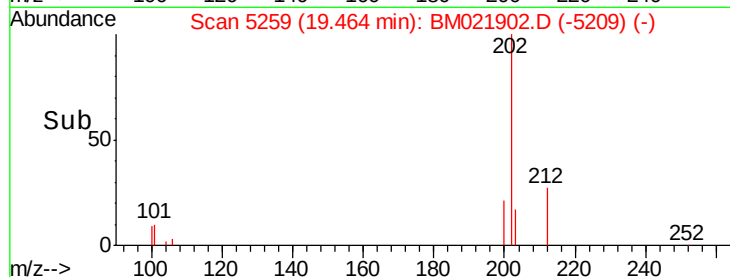
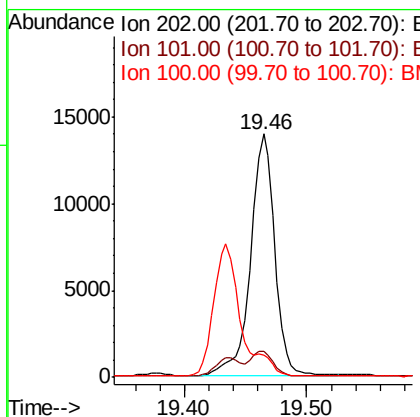
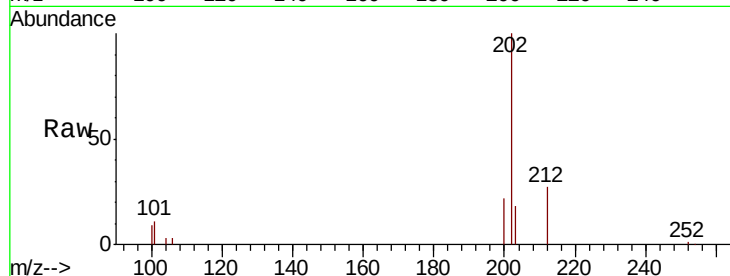
#17
 Pyrene
 Concen: 1.079 ng/ul
 RT: 19.46 min Scan# 5259
 Delta R.T. -0.01 min
 Lab File: BM021902.D
 Acq: 07 Aug 2019 18:53

Instrument :
 BNA_M
 ClientSampleId :
 BENX9

Tot Ion:	202	Resp:	19229
Ion Ratio	Lower	Upper	
202	100		
101	10.9	8.3	12.5
100	9.2	7.2	10.8

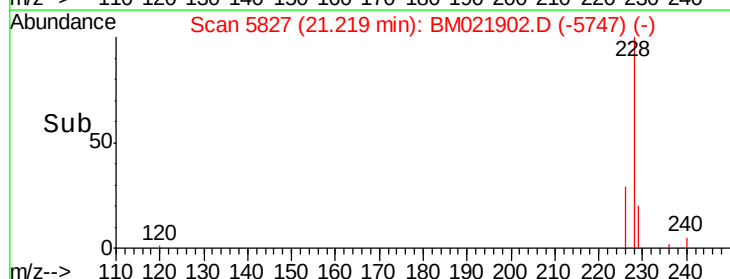
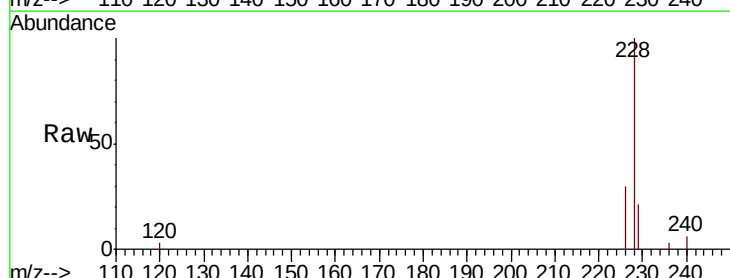
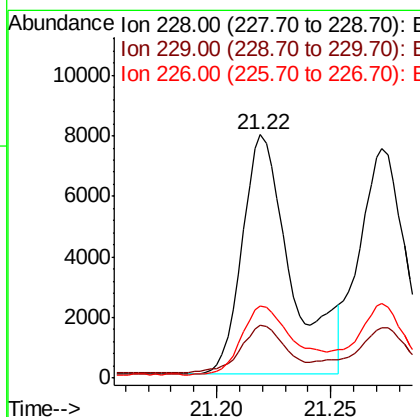
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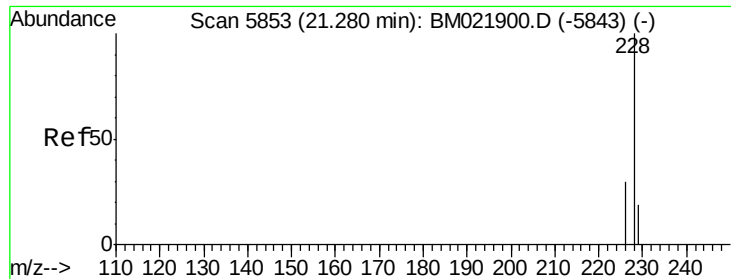
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#18
 Benzo(a)anthracene
 Concen: 0.753 ng/ul
 RT: 21.22 min Scan# 5827
 Delta R.T. -0.01 min
 Lab File: BM021902.D
 Acq: 07 Aug 2019 18:53

Tgt Ion:	228	Resp:	11686
Ion Ratio	Lower	Upper	
228	100		
229	21.5	17.2	25.8
226	29.9	22.6	34.0





#19

Chrysene

Concen: 0.542 ng/ul

RT: 21.27 min Scan# 5849

Delta R.T. -0.01 min

Lab File: BM021902.D

Acq: 07 Aug 2019 18:53

Instrument :

BNA_M

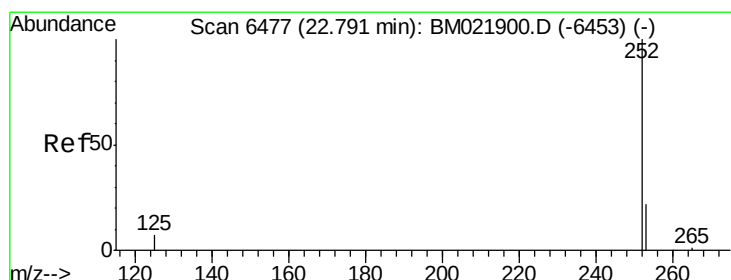
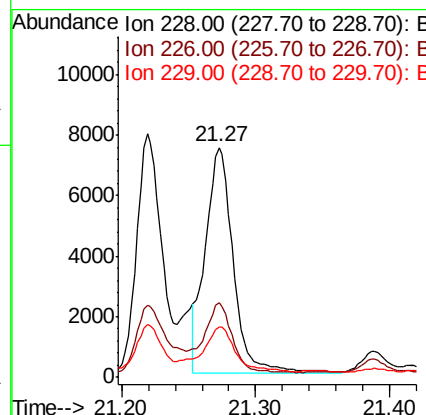
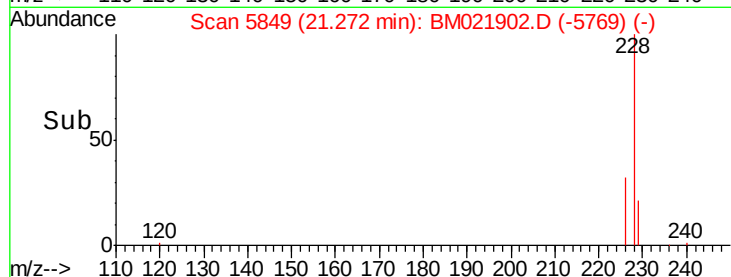
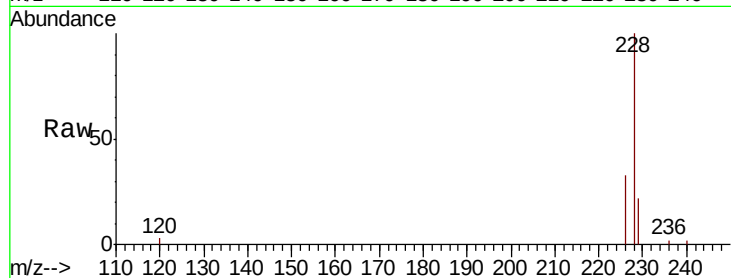
ClientSampled :

BENX9

Tot Ion:	228	Resp:	10812
Ion Ratio	Lower	Upper	
228	100		
226	32.6	24.9	37.3
229	22.1	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 1.125 ng/ul m

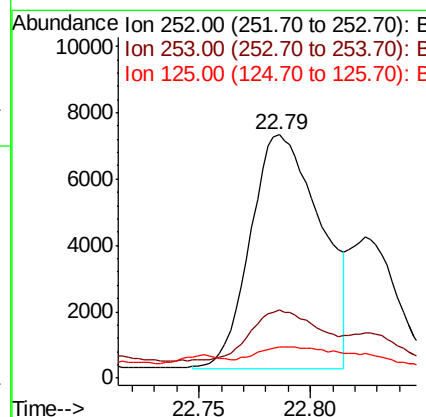
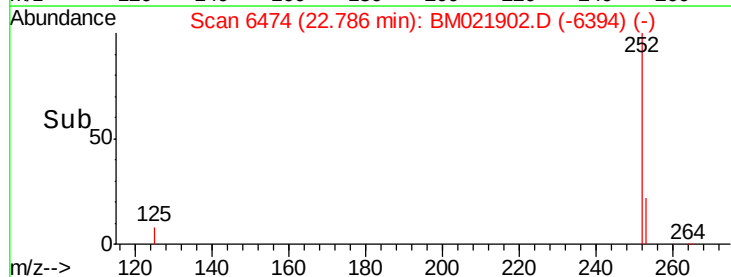
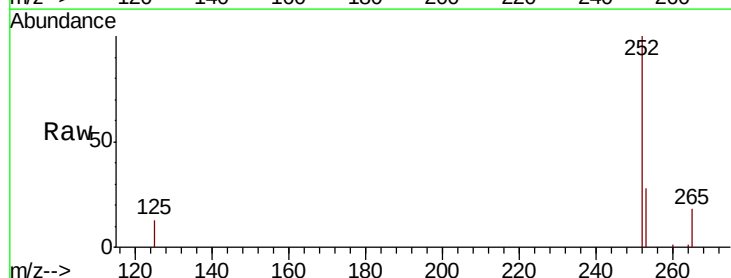
RT: 22.79 min Scan# 6474

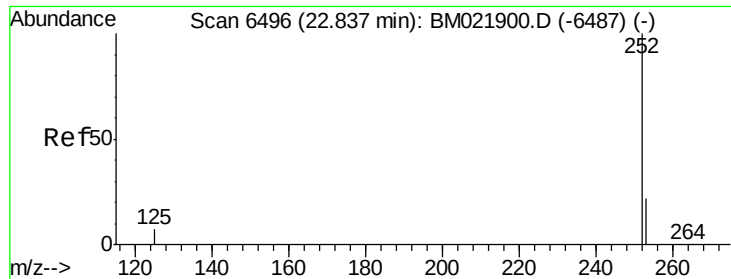
Delta R.T. -0.01 min

Lab File: BM021902.D

Acq: 07 Aug 2019 18:53

Tgt Ion:	252	Resp:	15611
Ion Ratio	Lower	Upper	
252	100		
253	28.2	0.0	67.4
125	12.6	0.0	31.0





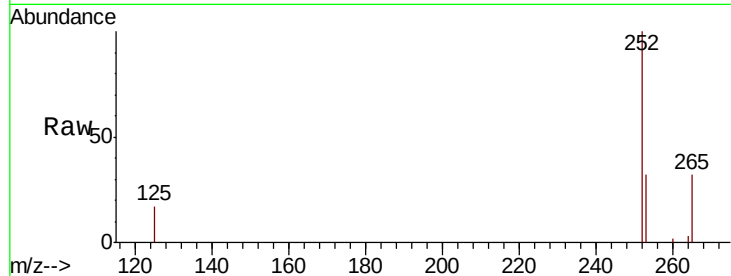
#22
Benzo(k)fluoranthene
Concen: 0.371 ng/ul m
RT: 22.82 min Scan# 6490
Delta R.T. -0.01 min
Lab File: BM021902.D
Acq: 07 Aug 2019 18:53

Instrument :
BNA_M
ClientSampleId :
BENX9

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.1	27.0	40.4
125	17.1	12.2	18.2

Manual Integrations
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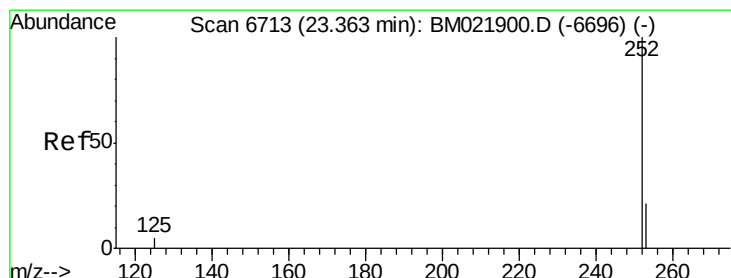
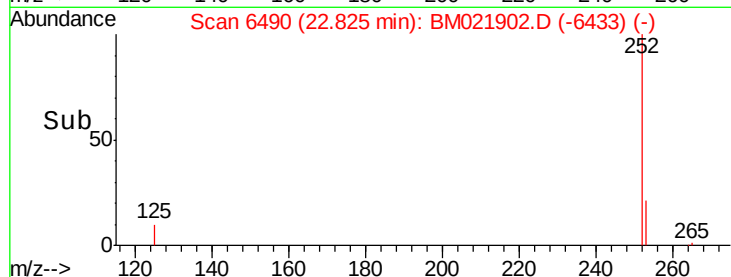
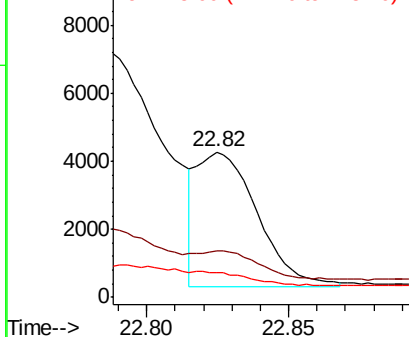


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#23
Benzo(a)pyrene
Concen: 0.766 ng/ul m
RT: 23.35 min Scan# 6707
Delta R.T. -0.01 min
Lab File: BM021902.D
Acq: 07 Aug 2019 18:53

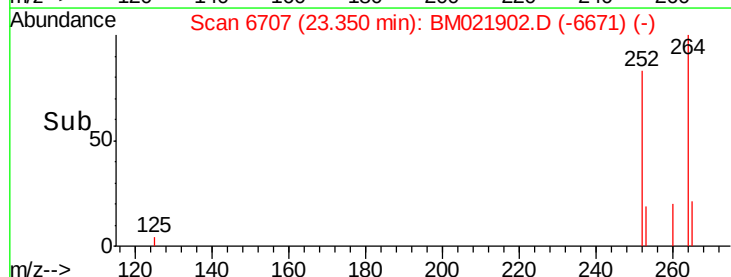
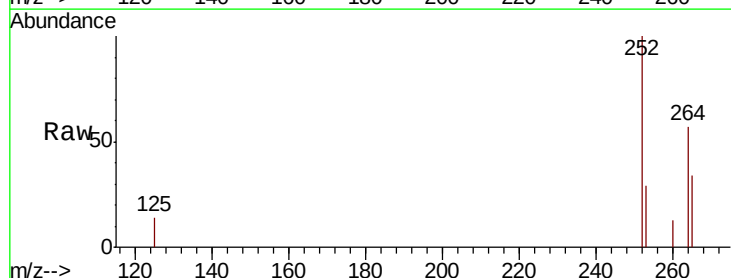
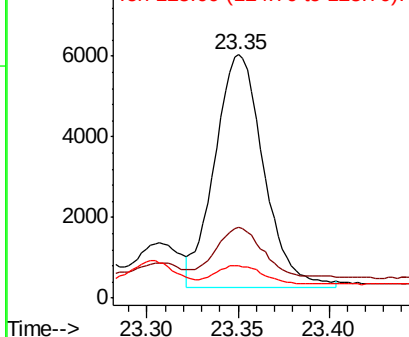
Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.3	31.7	47.5#
125	13.5	14.6	21.8#

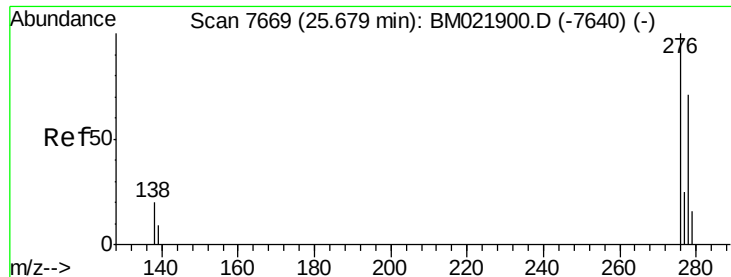
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

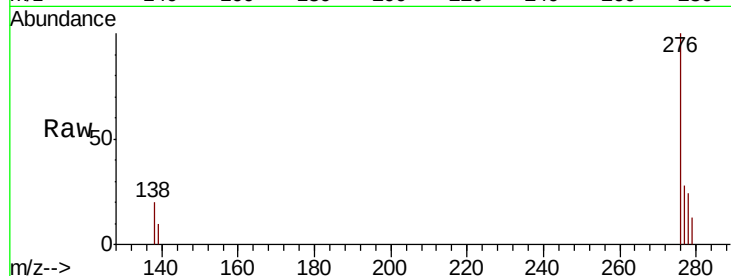
Indeno(1,2,3-cd)pyrene
Concen: 0.432 ng/ul m
RT: 25.67 min Scan# 7664
Delta R.T. -0.01 min
Lab File: BM021902.D
Acq: 07 Aug 2019 18:53

Instrument :
BNA_M
ClientSampleId :
BENX9

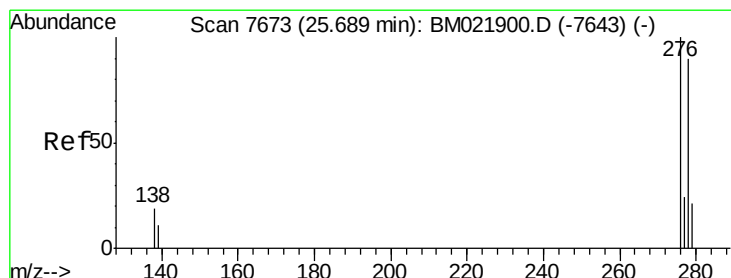
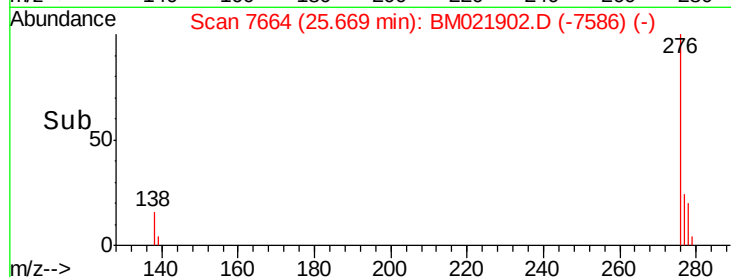
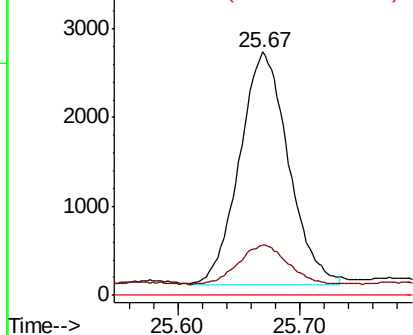
Tot Ion	Ratio	Lower	Upper
276	100		
138	1.5	15.1	22.7#
227	0.0	0.0	0.0

Manual Integrations
APPROVED

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E

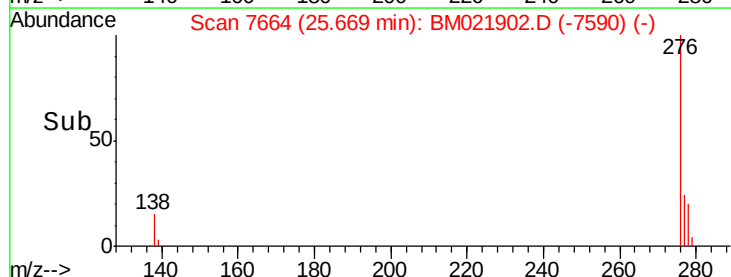
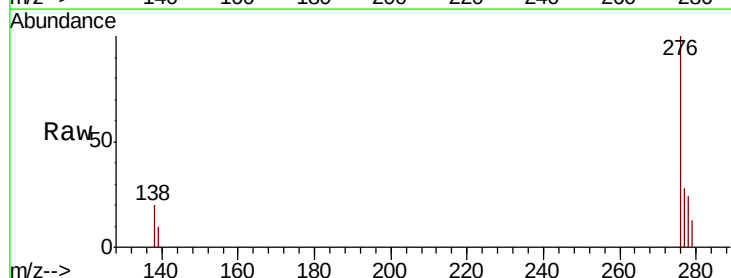
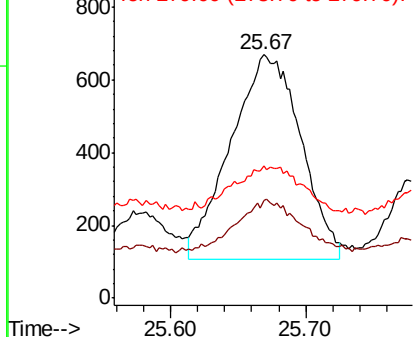


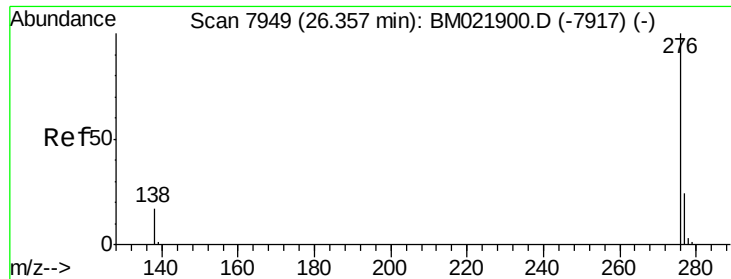
#25

Dibenzo(a,h)anthracene
Concen: 0.149 ng/ul m
RT: 25.67 min Scan# 7664
Delta R.T. -0.02 min
Lab File: BM021902.D
Acq: 07 Aug 2019 18:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	39.9	14.2	21.2#
279	54.1	28.3	42.5#

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#26
Benzo(a,h,i)perylene
Concen: 0.380 ng/ul m
RT: 26.35 min Scan# 7946
Delta R.T. -0.01 min
Lab File: BM021902.D
Acq: 07 Aug 2019 18:53

Instrument :
BNA_M
ClientSampleId :
BENX9

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.5	15.5	23.3
277	29.5	21.4	32.2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:31 AM

