

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
 Data File : BM022142.D
 Acq On : 15 Aug 2019 13:08
 Operator : HP/JU
 Sample : K4304-16
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P7

Manual Integrations
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Quant Time: Aug 15 15:26:19 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 : Wed Aug 14 13:53:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	850	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.37	136	3538	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.25	164	1914	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	4411m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.21	240	4412m	0.40	ng/ul	-0.02
20) Perylene-d12	23.42	264	4305m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	1864	0.32	ng/ul	-0.03
14) Fluoranthene-d10	19.04	212	5042m	0.34	ng/ul	-0.02
Target Compounds				Qvalue		
3) Naphthalene	10.42	128	9798	0.980	ng/ul#	93
5) 2-Methylnaphthalene	12.05	142	3945	0.592	ng/ul	96
7) Acenaphthylene	13.97	152	6001	0.672	ng/ul#	83
8) Acenaphthene	14.31	153	11384	1.559	ng/ul	96
9) Fluorene	15.31	166	11800	1.455	ng/ul	98
12) Phenanthrene	17.05	178	199814m	15.568	ng/ul	
13) Anthracene	17.14	178	40921m	3.738	ng/ul	
15) Fluoranthene	19.07	202	334333m	19.446	ng/ul	
17) Pyrene	19.44	202	276087	15.228	ng/ul	98
18) Benzo(a)anthracene	21.20	228	163098m	10.335	ng/ul	
19) Chrysene	21.25	228	151733	7.476	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	195005m	13.433	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	84564m	5.147	ng/ul	
23) Benzo(a)pyrene	23.32	252	136147	9.222	ng/ul#	74
24) Indeno(1,2,3-cd)pyrene	25.62	276	91849	5.211	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.62	278	26983m	1.894	ng/ul	
26) Benzo(g,h,i)perylene	26.30	276	75940	4.785	ng/ul	95

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

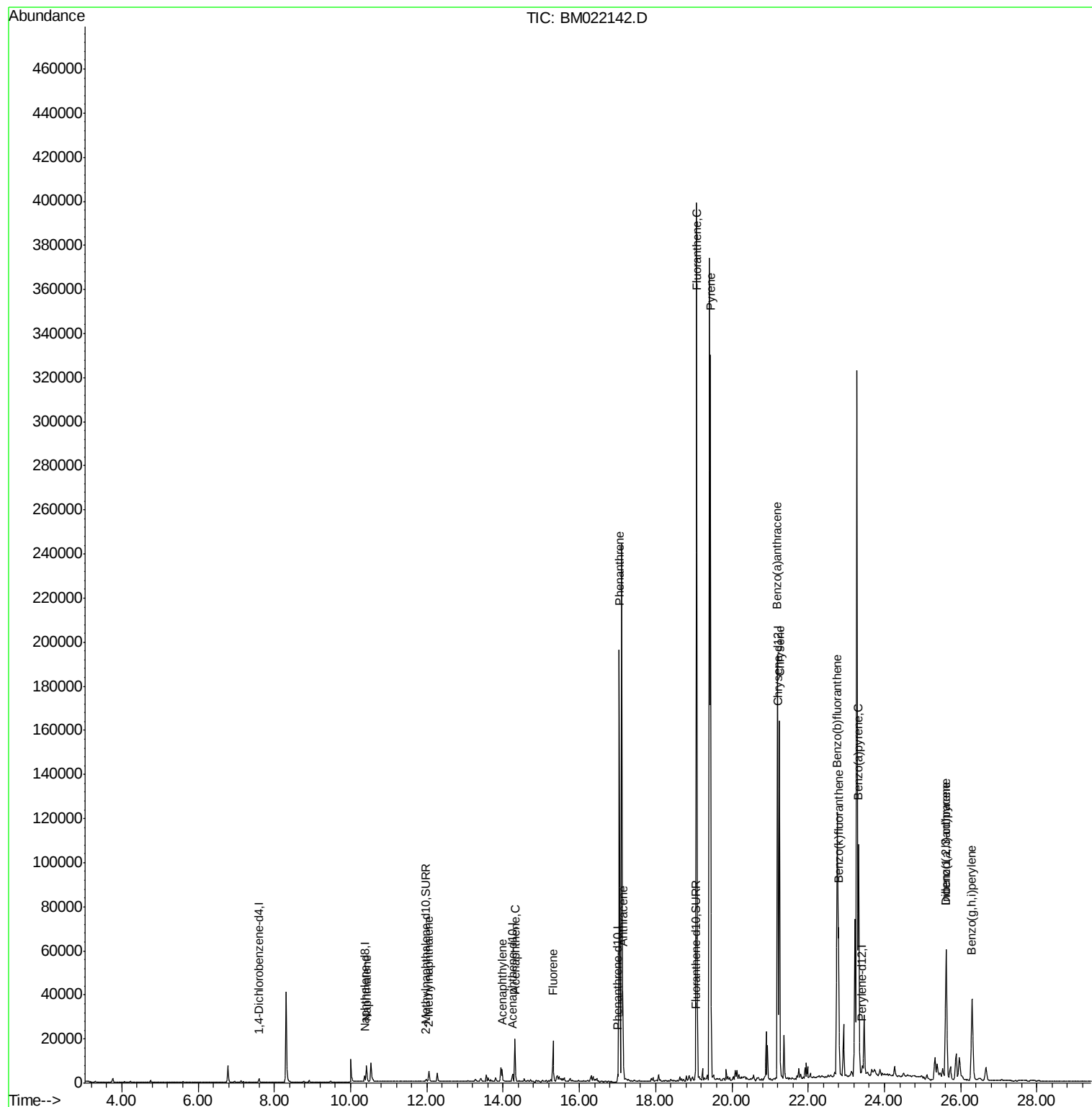
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Data File : BM022142.D
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Sample : K4304-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

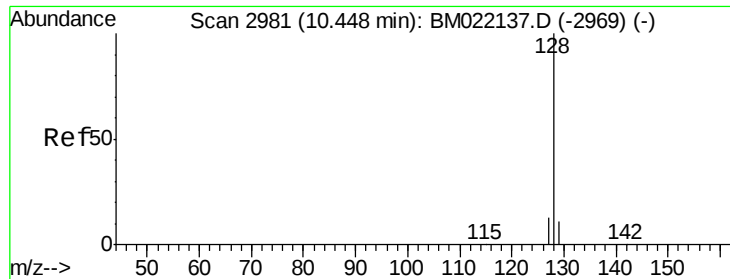
Instrument :
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Quant Time: Aug 15 15:26:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
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QLast Update : Wed Aug 14 13:53:23 2019
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#3

Naphthalene

Concen: 0.980 ng/ul

RT: 10.42 min Scan# 2975

Delta R.T. -0.03 min

Lab File: BM022142.D

Acq: 15 Aug 2019 13:08

Instrument :

BNA_M

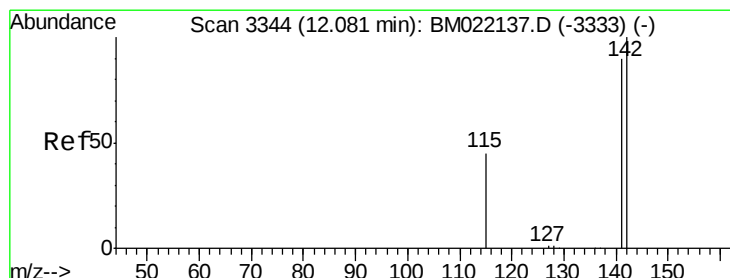
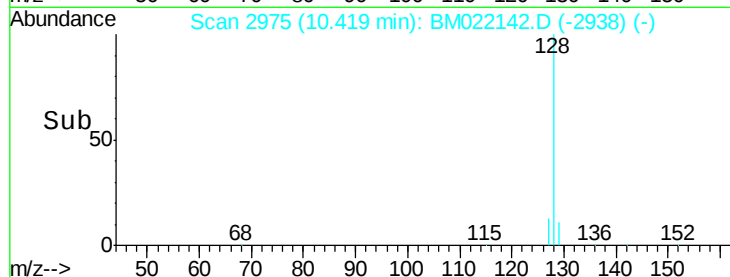
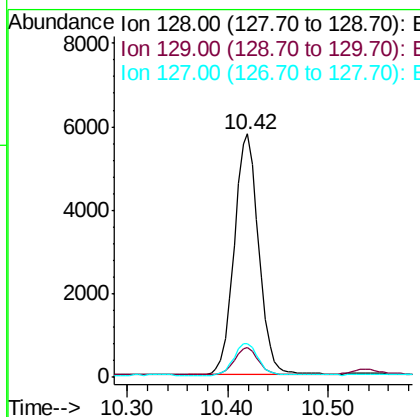
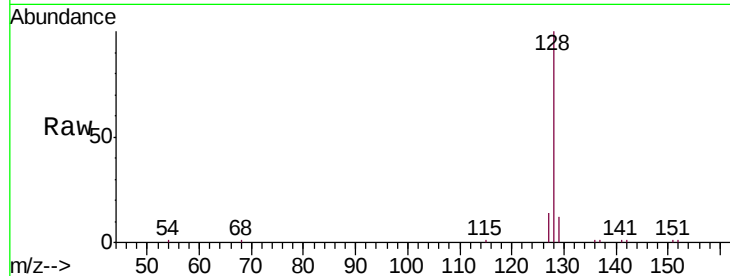
ClientSampleId :

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Tgt Ion:	128	Resp:	9798
Ion	Ratio	Lower	Upper
128	100		
129	12.0	12.3	18.5#
127	13.6	13.0	19.6

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#5

2-Methylnaphthalene

Concen: 0.592 ng/ul

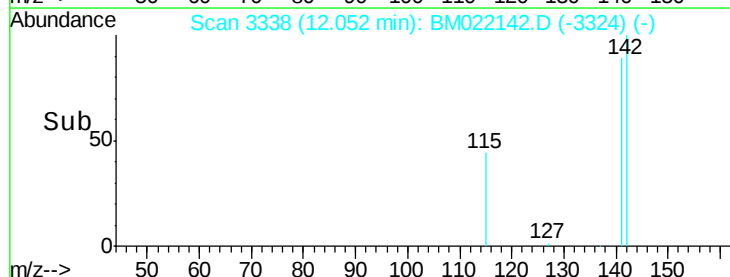
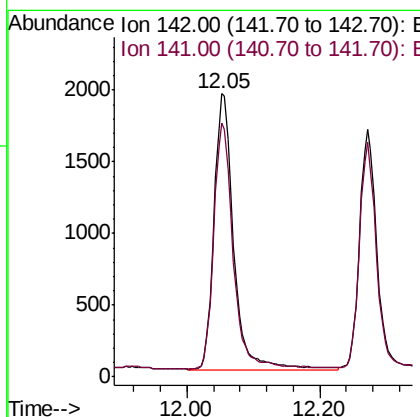
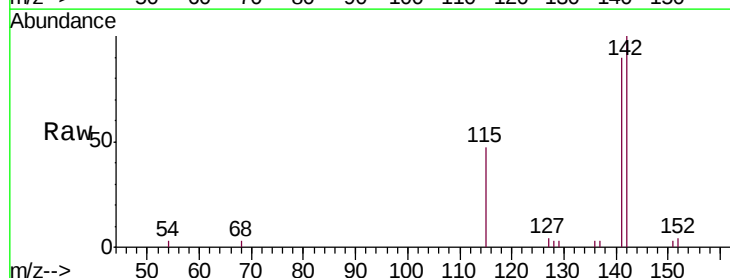
RT: 12.05 min Scan# 3338

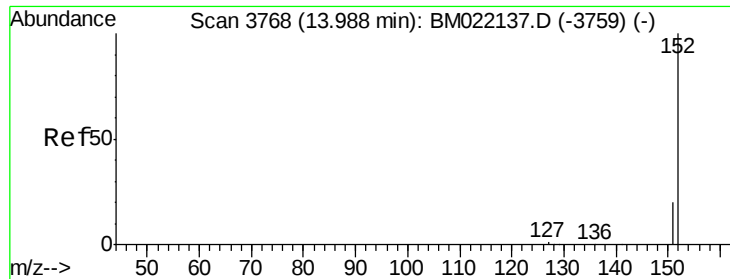
Delta R.T. -0.04 min

Lab File: BM022142.D

Acq: 15 Aug 2019 13:08

Tgt Ion:	142	Resp:	3945
Ion	Ratio	Lower	Upper
142	100		
141	88.8	74.3	111.5





#7

Acenaphthylene

Concen: 0.672 ng/ul

RT: 13.97 min Scan# 3765

Delta R.T. -0.02 min

Lab File: BM022142.D

Acq: 15 Aug 2019 13:08

Instrument :

BNA_M

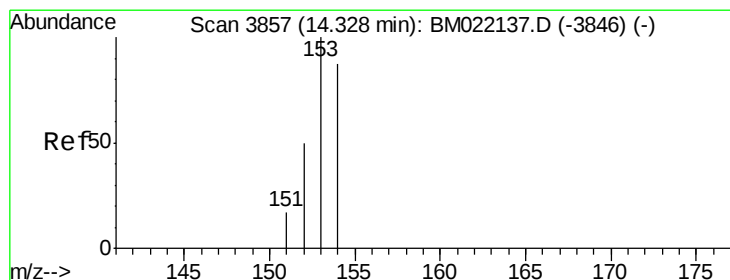
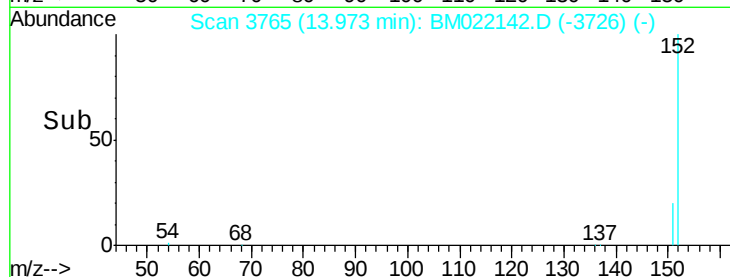
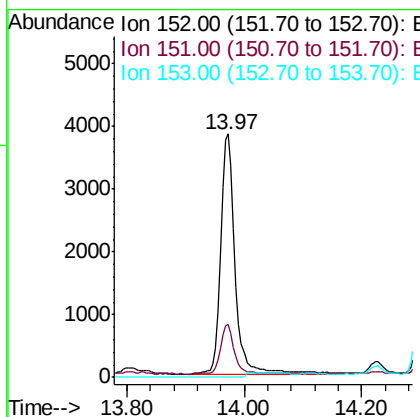
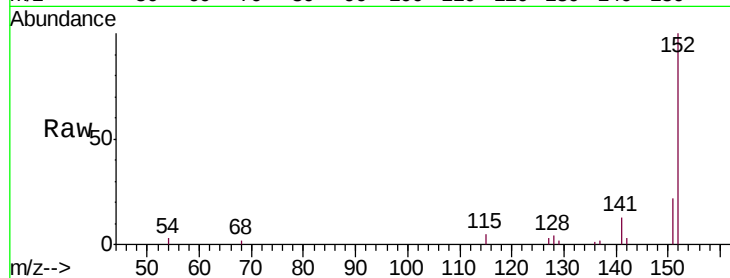
ClientSampled :

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Tgt Ion:	152	Resp:	6001
Ion Ratio	Lower	Upper	
152	100		
151	21.8	18.3	27.5
153	0.0	12.8	19.2#

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#8

Acenaphthene

Concen: 1.559 ng/ul

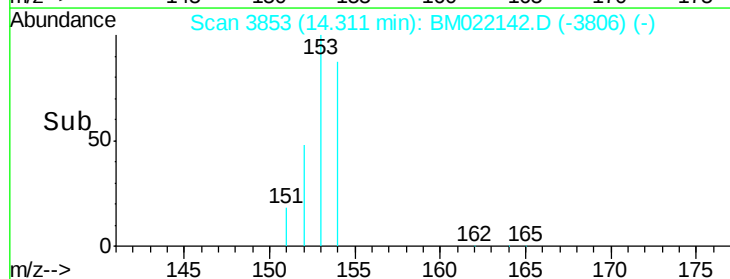
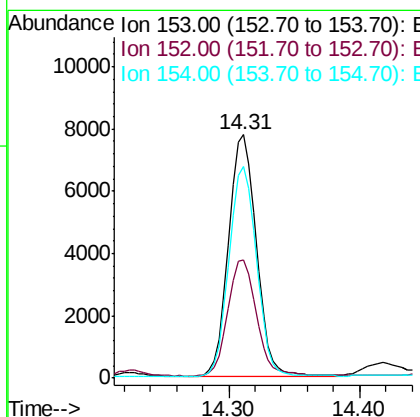
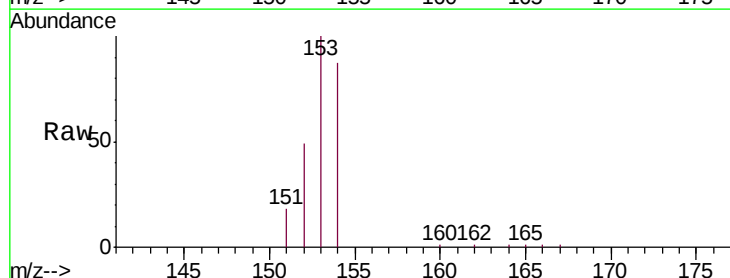
RT: 14.31 min Scan# 3853

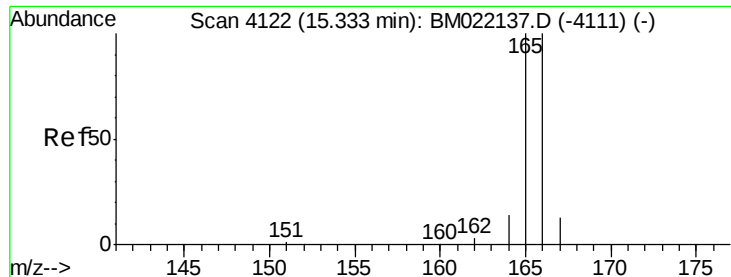
Delta R.T. -0.02 min

Lab File: BM022142.D

Acq: 15 Aug 2019 13:08

Tgt Ion:	153	Resp:	11384
Ion Ratio	Lower	Upper	
153	100		
152	48.7	41.3	61.9
154	87.1	72.3	108.5





#9

Fluorene

Concen: 1.455 ng/ul

RT: 15.31 min Scan# 4116

Delta R.T. -0.03 min

Lab File: BM022142.D

Acq: 15 Aug 2019 13:08

Instrument :

BNA_M

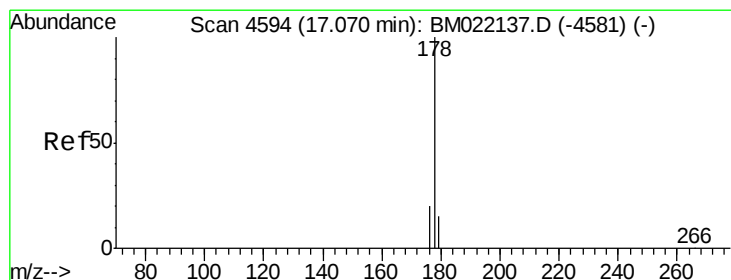
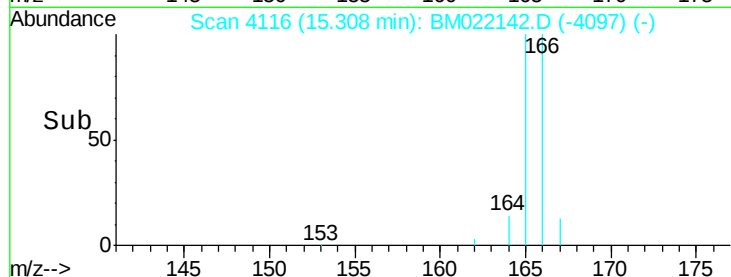
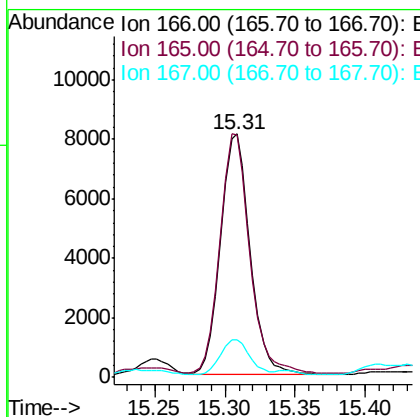
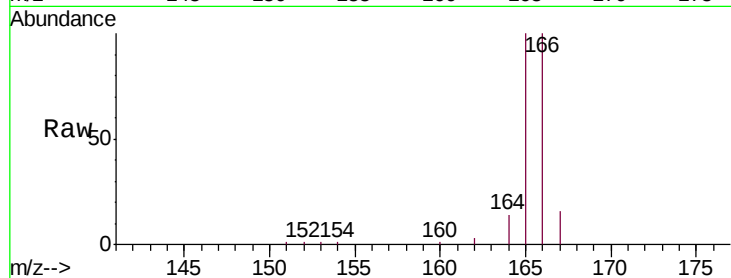
ClientSampled :

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Tgt Ion:	166	Resp:	11800
Ion Ratio	Lower	Upper	
166	100		
165	99.5	81.4	122.0
167	15.5	13.7	20.5

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#12

Phenanthrene

Concen: 15.568 ng/ul m

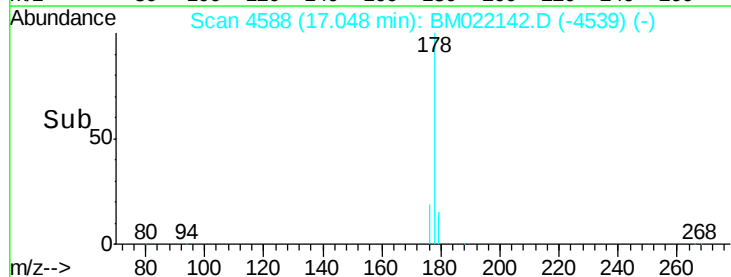
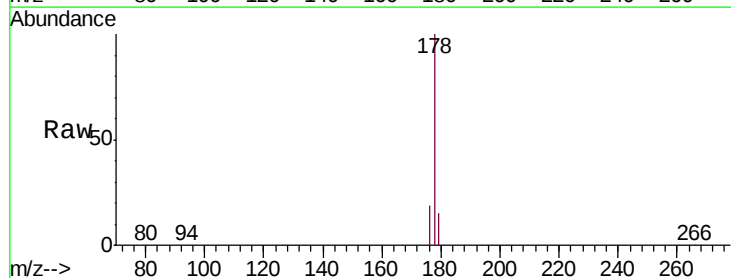
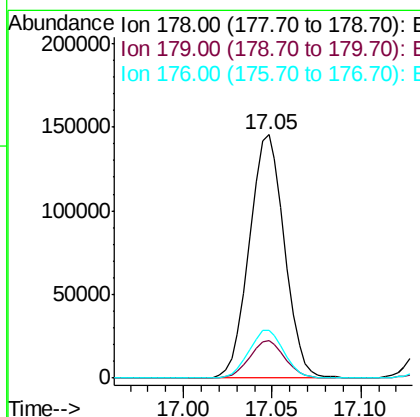
RT: 17.05 min Scan# 4588

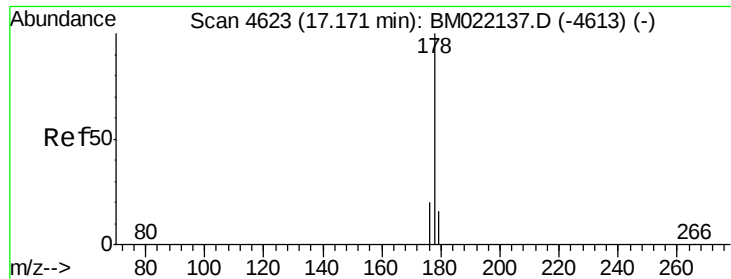
Delta R.T. -0.03 min

Lab File: BM022142.D

Acq: 15 Aug 2019 13:08

Tgt Ion:	178	Resp:	199814
Ion Ratio	Lower	Upper	
178	100		
179	15.3	14.2	21.2
176	19.5	16.8	25.2





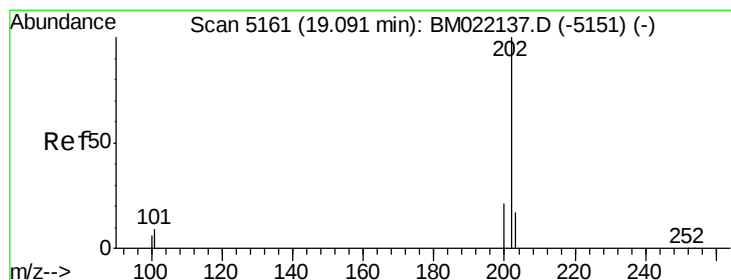
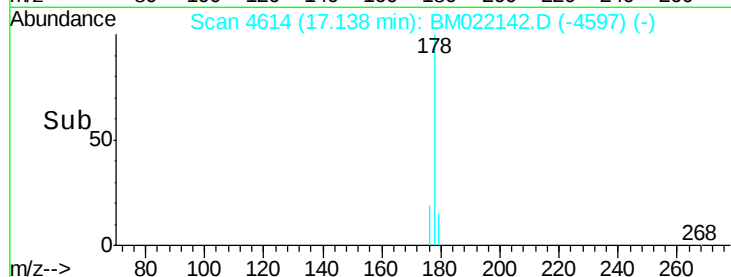
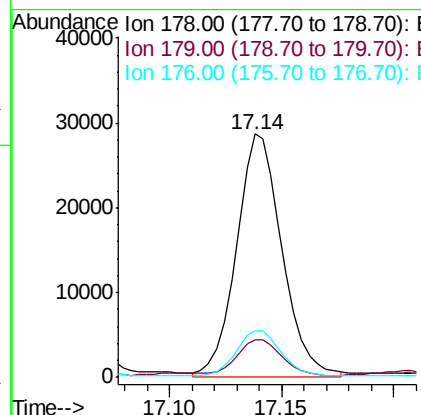
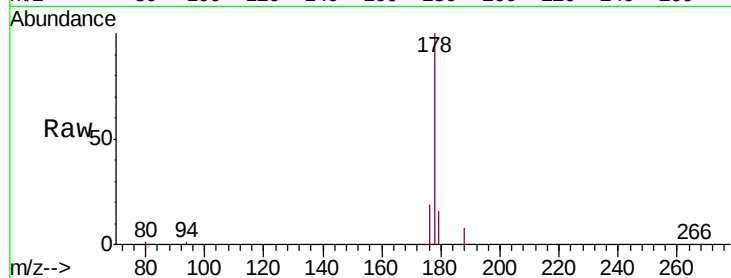
#13
 Anthracene
 Concen: 3.738 ng/ul m
 RT: 17.14 min Scan# 4614
 Delta R.T. -0.04 min
 Lab File: BM022142.D
 Acq: 15 Aug 2019 13:08

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	15.5	23.3
176	19.2	16.6	25.0

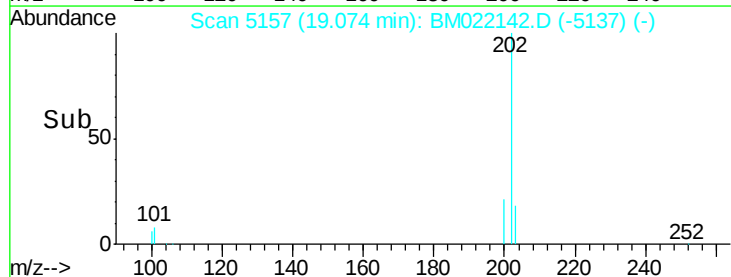
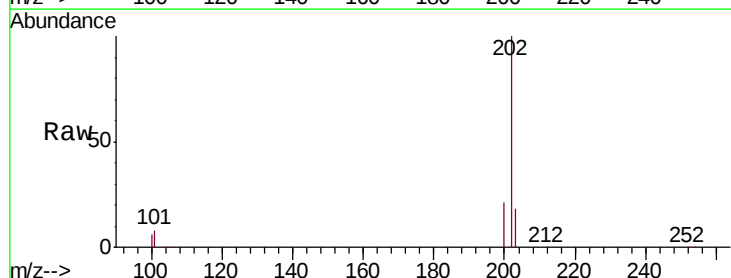
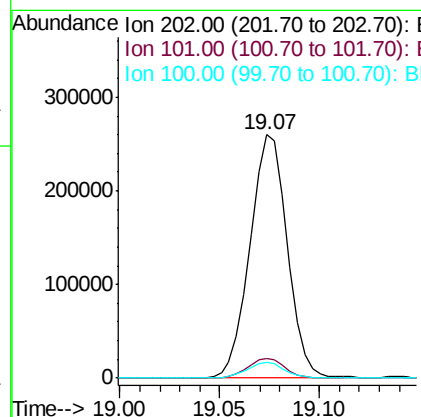
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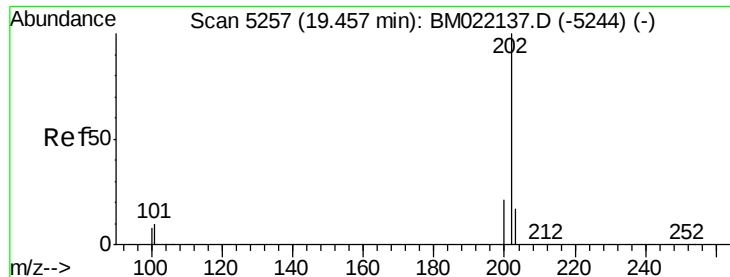
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#15
 Fluoranthene
 Concen: 19.446 ng/ul m
 RT: 19.07 min Scan# 5157
 Delta R.T. -0.02 min
 Lab File: BM022142.D
 Acq: 15 Aug 2019 13:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	30.2
100	6.4	0.0	28.1





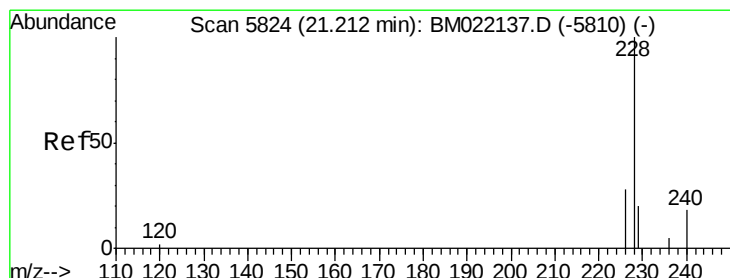
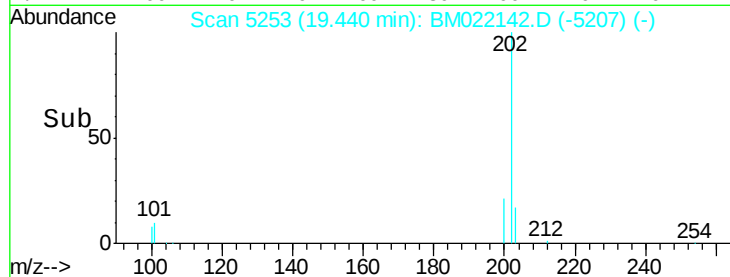
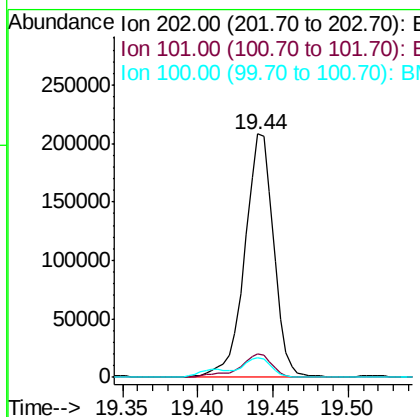
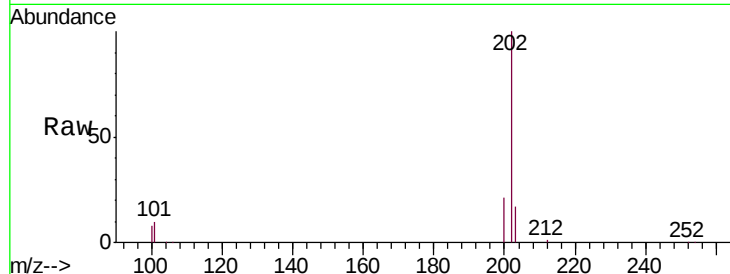
#17
 Pyrene
 Concen: 15.228 ng/ul
 RT: 19.44 min Scan# 5253
 Delta R.T. -0.02 min
 Lab File: BM022142.D
 Acq: 15 Aug 2019 13:08

Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	276087		
101	9.7	8.3	12.5	
100	8.2	7.2	10.8	

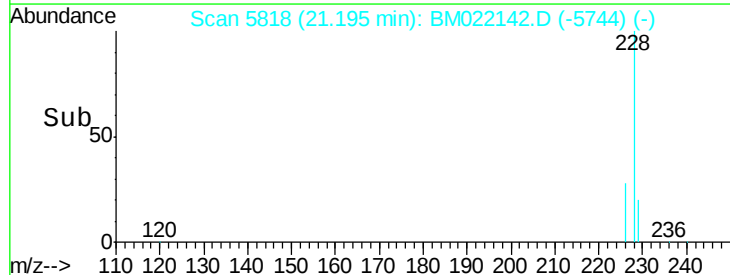
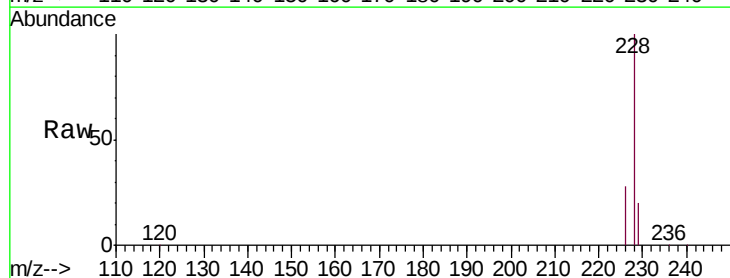
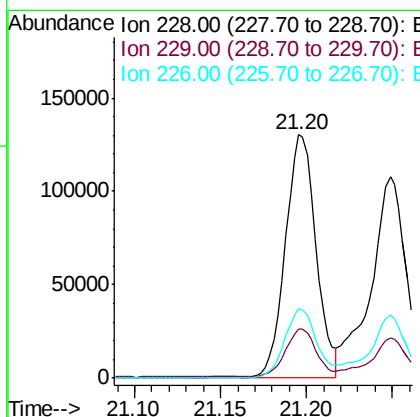
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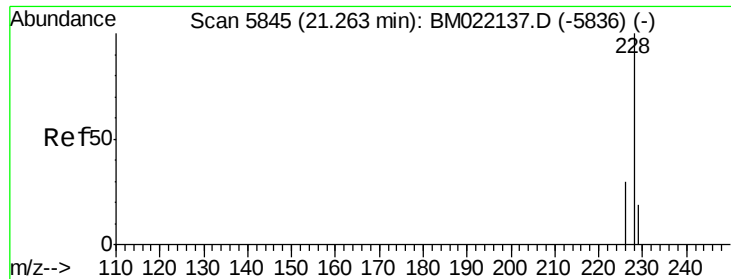
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#18
 Benzo(a)anthracene
 Concen: 10.335 ng/ul m
 RT: 21.20 min Scan# 5818
 Delta R.T. -0.02 min
 Lab File: BM022142.D
 Acq: 15 Aug 2019 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	163098		
229	20.0	17.2	25.8	
226	28.4	22.6	34.0	





#19

Chrysene

Concen: 7.476 ng/ul

RT: 21.25 min Scan# 5840

Delta R.T. -0.02 min

Lab File: BM022142.D

Acq: 15 Aug 2019 13:08

Instrument :

BNA_M

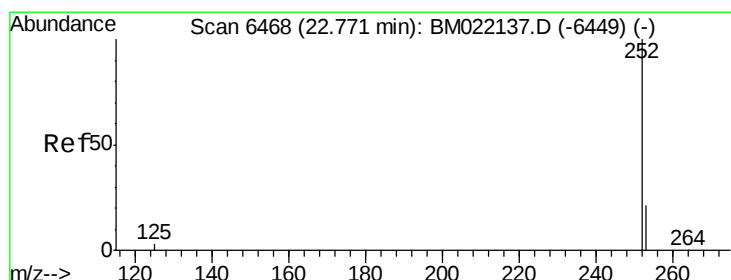
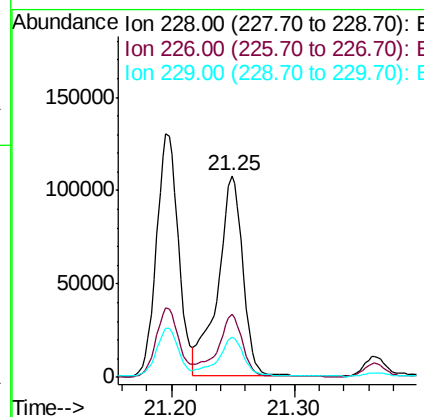
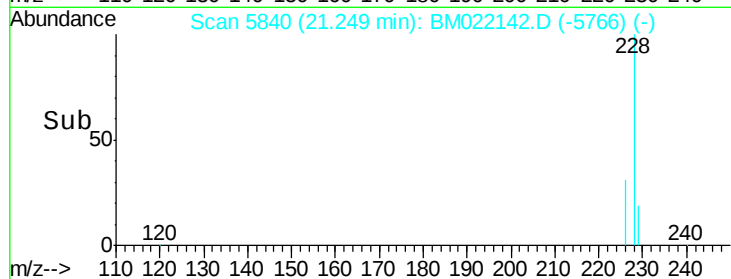
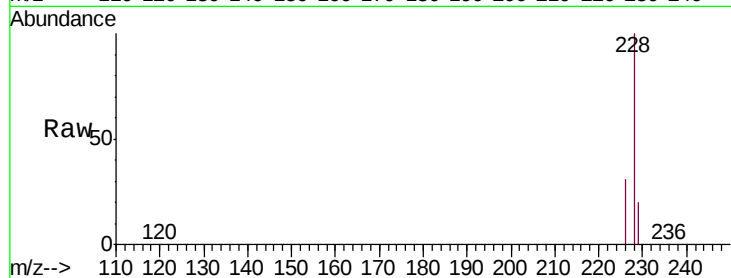
ClientSampleId :

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Tgt Ion:	228	Resp:	151733
Ion Ratio		Lower	Upper
228	100		
226	31.5	24.9	37.3
229	19.8	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 13.433 ng/ul m

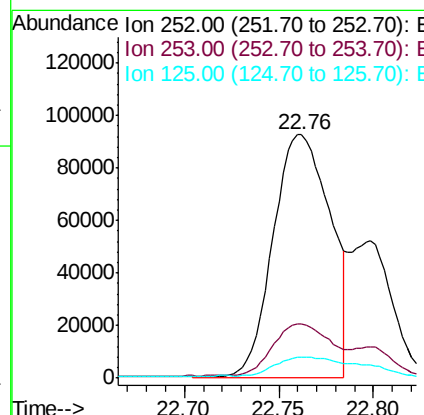
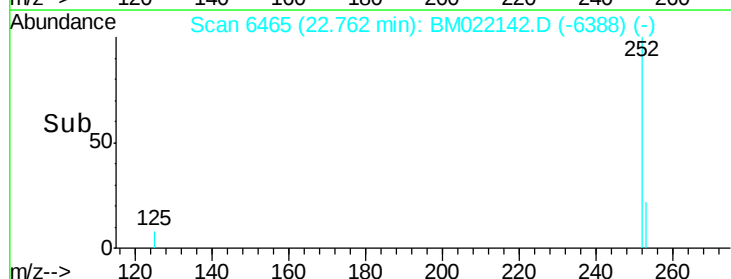
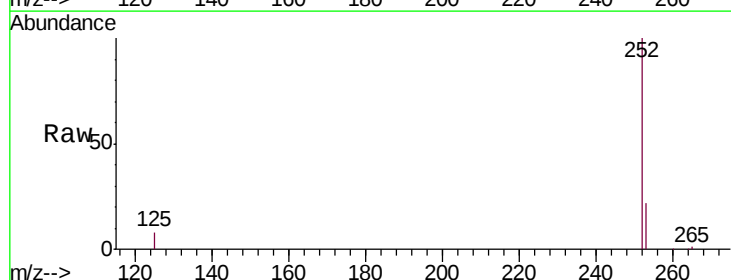
RT: 22.76 min Scan# 6465

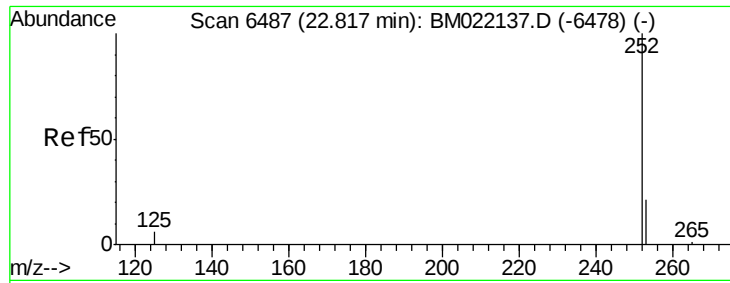
Delta R.T. -0.01 min

Lab File: BM022142.D

Acq: 15 Aug 2019 13:08

Tgt Ion:	252	Resp:	195005
Ion Ratio		Lower	Upper
252	100		
253	22.4	0.0	67.4
125	8.5	0.0	31.0





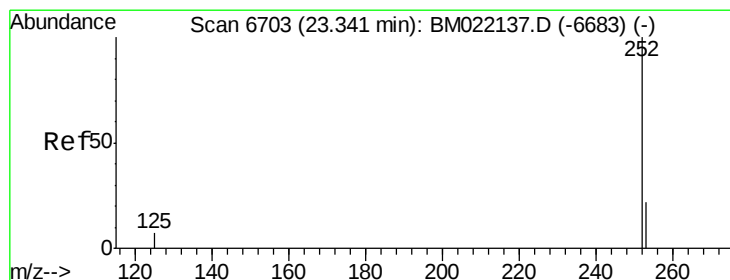
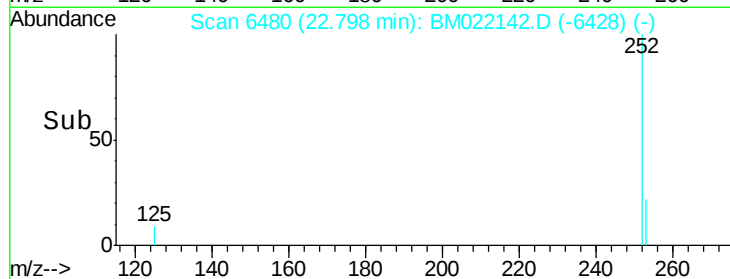
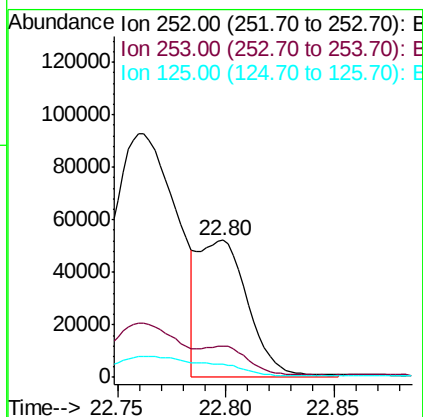
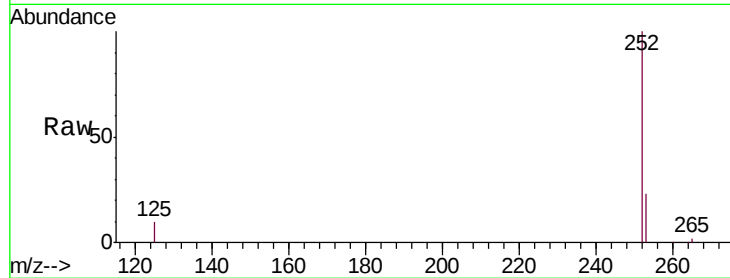
#22
Benzo(k)fluoranthene
Concen: 5.147 ng/ul m
RT: 22.80 min Scan# 6480
Delta R.T. -0.02 min
Lab File: BM022142.D
Acq: 15 Aug 2019 13:08

Instrument :
BNA_M
ClientSampleId :
CB5P7

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	27.0	40.4#
125	9.6	12.2	18.2#

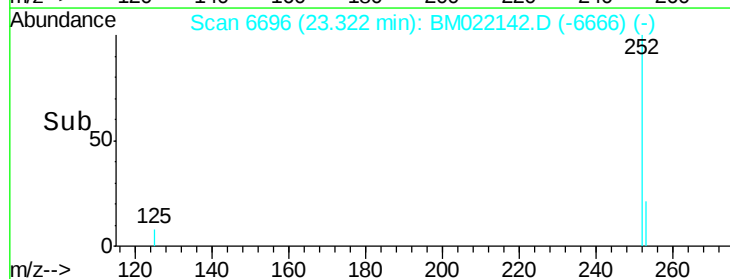
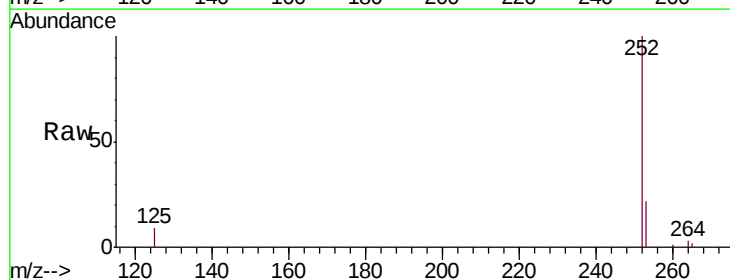
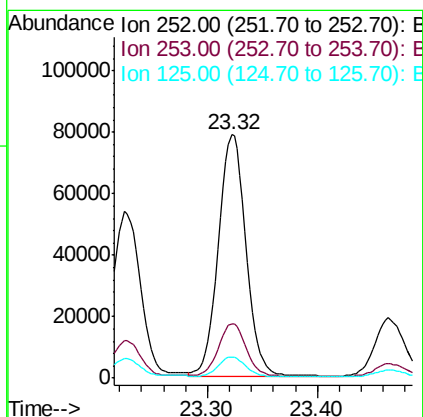
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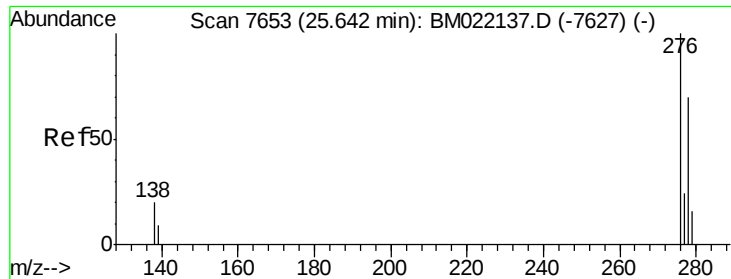
mohammad
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#23
Benzo(a)pyrene
Concen: 9.222 ng/ul
RT: 23.32 min Scan# 6696
Delta R.T. -0.03 min
Lab File: BM022142.D
Acq: 15 Aug 2019 13:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	31.7	47.5#
125	8.7	14.6	21.8#





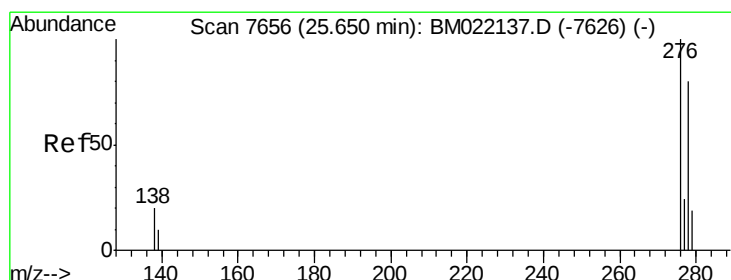
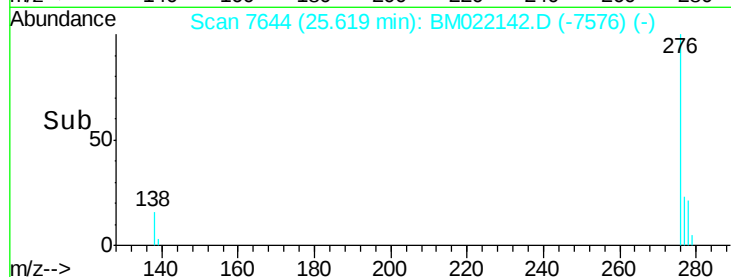
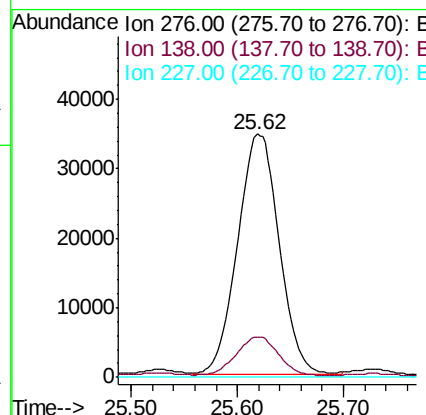
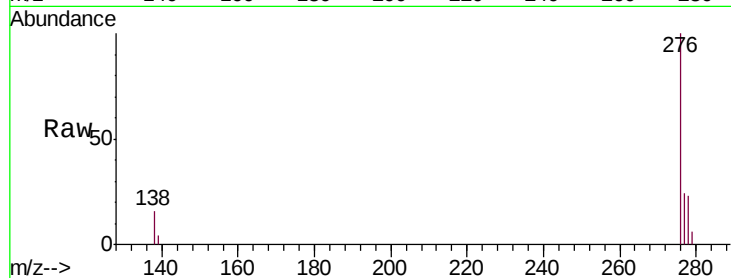
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 5.211 ng/ul
 RT: 25.62 min Scan# 7644
 Delta R.T. -0.04 min
 Lab File: BM022142.D
 Acq: 15 Aug 2019 13:08

Instrument :
 BNA_M
 ClientSampleId :
 CB5P7

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.4	15.1	22.7
227	0.0	0.0	0.0

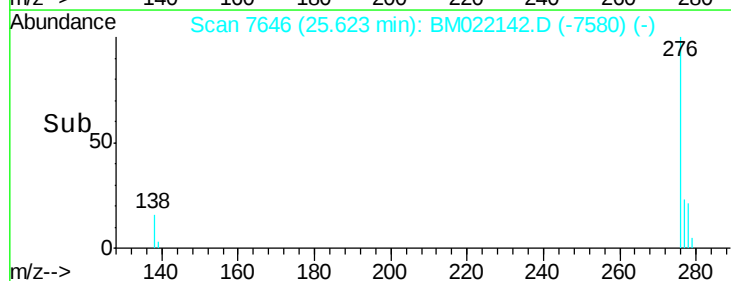
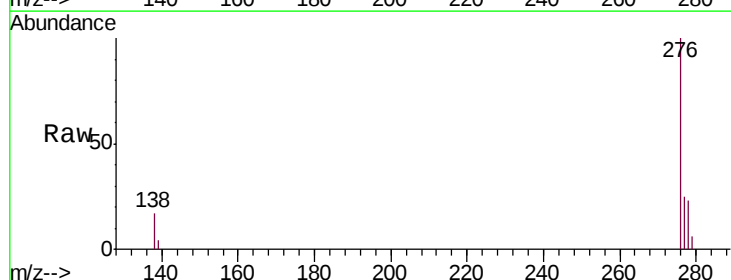
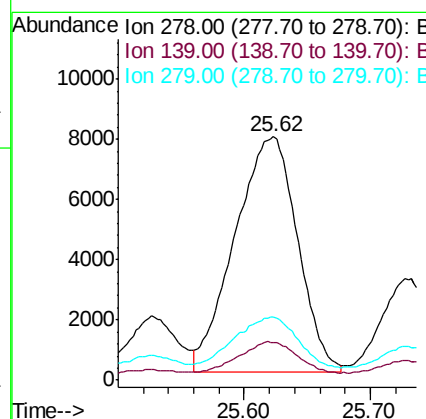
Manual Integrations
 APPROVED

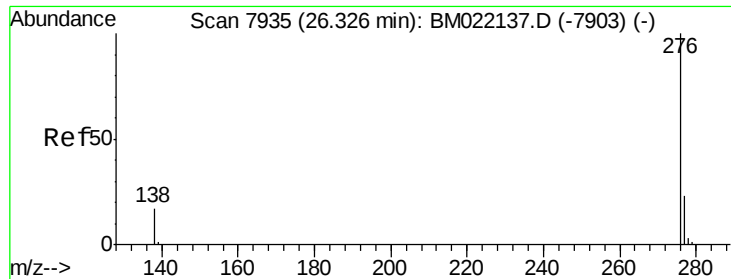
mohammad
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#25
 Dibenzo(a,h)anthracene
 Concen: 1.894 ng/ul m
 RT: 25.62 min Scan# 7646
 Delta R.T. -0.04 min
 Lab File: BM022142.D
 Acq: 15 Aug 2019 13:08

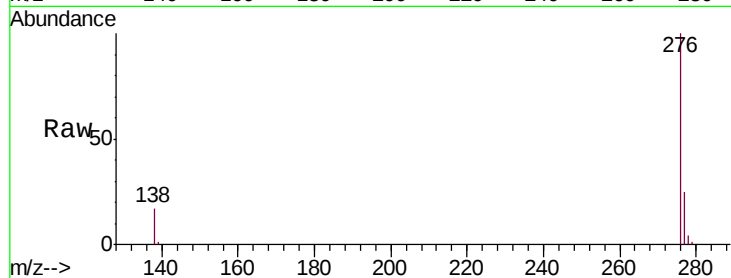
Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.4	14.2	21.2
279	26.1	28.3	42.5#





#26
 Benzo(g,h,i)perylene
 Concen: 4.785 ng/ul
 RT: 26.30 min Scan# 7924
 Delta R.T. -0.04 min
 Lab File: BM022142.D
 Acq: 15 Aug 2019 13:08

Instrument :
 BNA_M
 ClientSampleId :
 CB5P7



Tgt Ion:	276	Resp:	75940
Ion Ratio	Lower	Upper	
276	100		
138	17.2	15.5	23.3
277	24.5	21.4	32.2

Manual Integrations
 APPROVED

mohammad
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