

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
 Data File : BM022143.D
 Acq On : 15 Aug 2019 13:44
 Operator : HP/JU
 Sample : K4304-16DL 5X
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P7DL

Manual Integrations
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mohammad
 8/15/2019 5:10:48 PM

Quant Time: Aug 15 15:28:07 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 : 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	1003	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	4141	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.25	164	2209	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	4896	0.40	ng/ul	-0.03
16) Chrysene-d12	21.21	240	4833	0.40	ng/ul	-0.02
20) Perylene-d12	23.42	264	5080	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	461	0.07	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	1151	0.07	ng/ul	-0.02
Target Compounds					Qvalue	
3) Naphthalene	10.43	128	2444	0.209	ng/ul	99
5) 2-Methylnaphthalene	12.07	142	953	0.122	ng/ul	99
7) Acenaphthylene	13.97	152	1615	0.157	ng/ul#	83
8) Acenaphthene	14.31	153	2855	0.339	ng/ul	95
9) Fluorene	15.31	166	2880	0.308	ng/ul	98
12) Phenanthrene	17.05	178	49472	3.473	ng/ul	96
13) Anthracene	17.14	178	10357	0.852	ng/ul	96
15) Fluoranthene	19.08	202	81987	4.296	ng/ul	96
17) Pyrene	19.44	202	69644	3.507	ng/ul	99
18) Benzo(a)anthracene	21.20	228	38630	2.235	ng/ul	99
19) Chrysene	21.25	228	37685	1.695	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	48334m	2.822	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	18791m	0.969	ng/ul	
23) Benzo(a)pyrene	23.32	252	32415	1.861	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.62	276	22308	1.072	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.62	278	5843	0.348	ng/ul	96
26) Benzo(g,h,i)perylene	26.30	276	18099	0.966	ng/ul	98

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

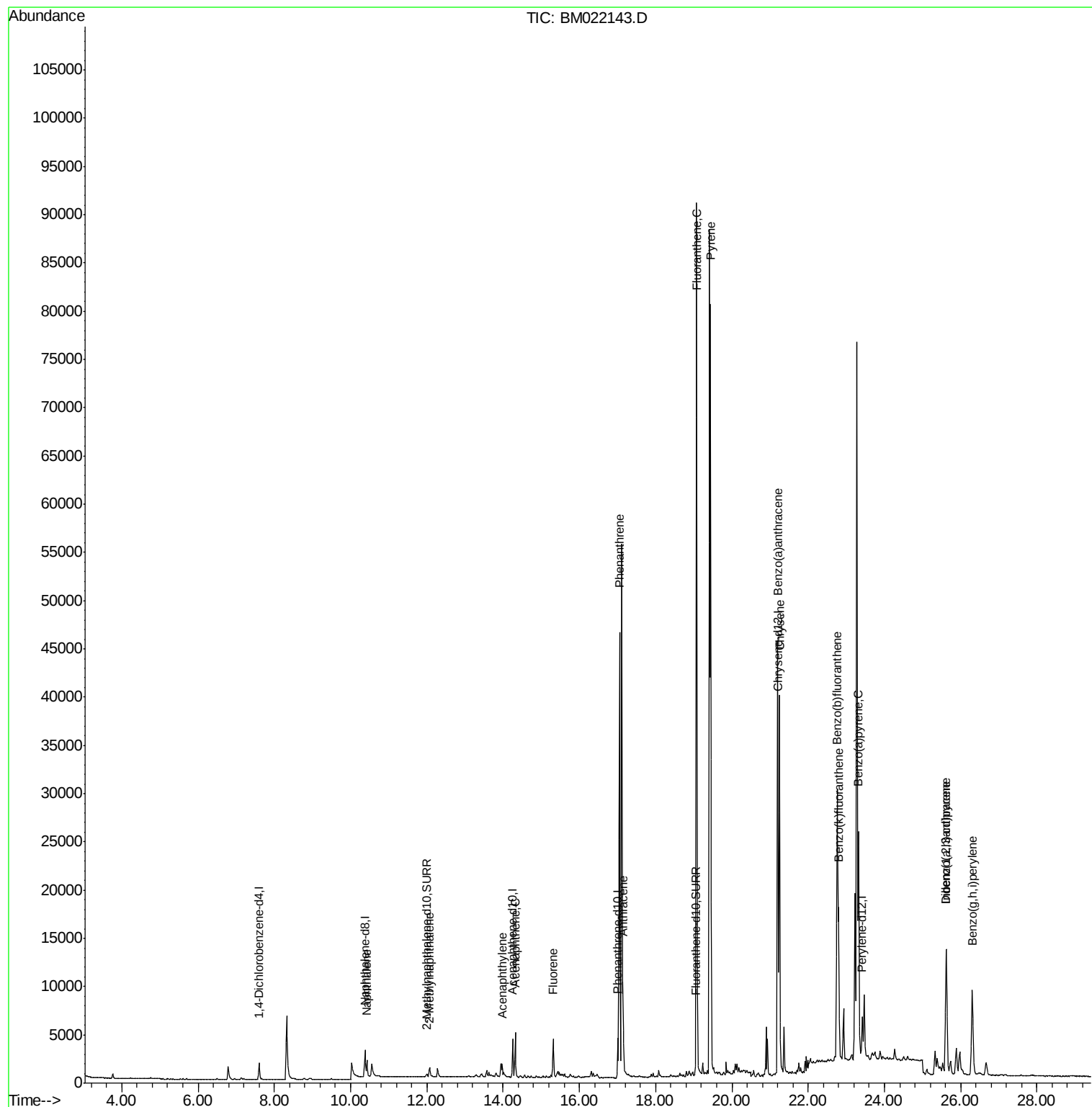
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Data File : BM022143.D
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Misc :
ALS Vial : 46 Sample Multiplier: 1

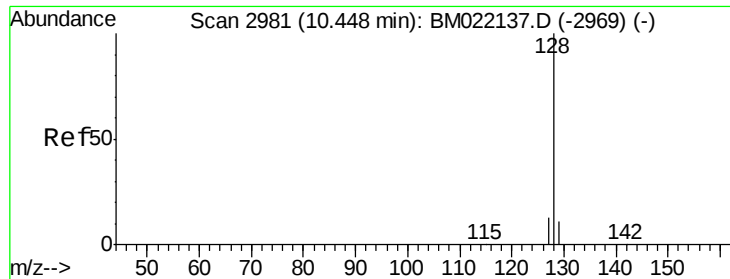
Instrument :
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Quant Time: Aug 15 15:28:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
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#3

Naphthalene

Concen: 0.209 ng/ul

RT: 10.43 min Scan# 2976

Delta R.T. -0.03 min

Lab File: BM022143.D

Acq: 15 Aug 2019 13:44

Instrument :

BNA_M

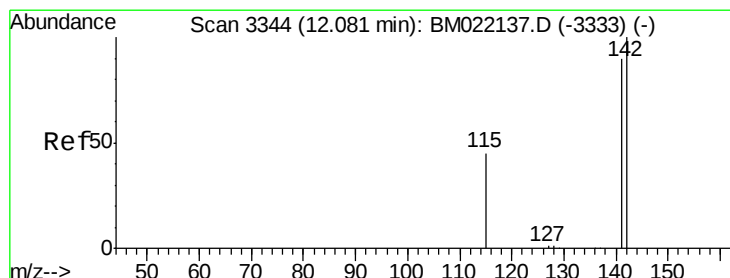
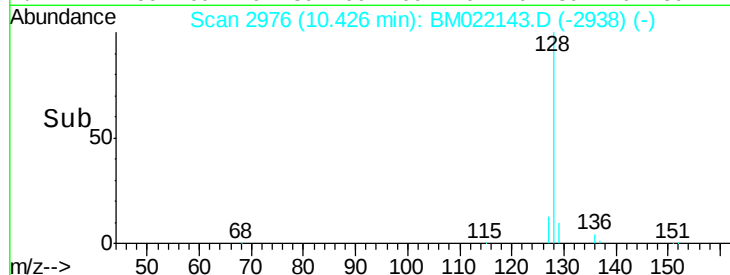
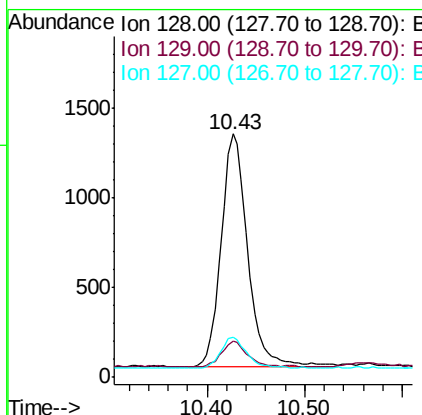
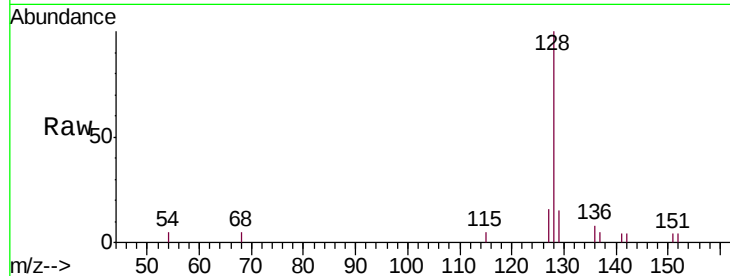
ClientSampleId :

CB5P7DL

Tgt Ion:	128	Resp:	2444
Ion Ratio	Lower	Upper	
128	100		
129	14.7	12.3	18.5
127	16.4	13.0	19.6

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#5

2-Methylnaphthalene

Concen: 0.122 ng/ul

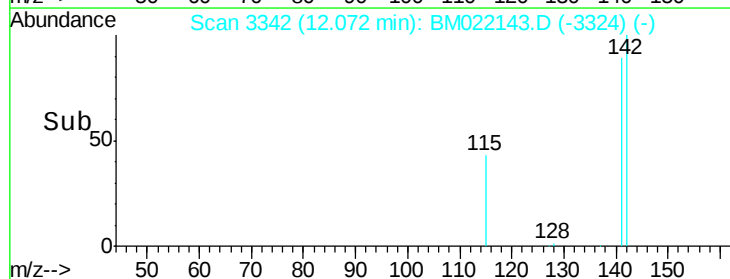
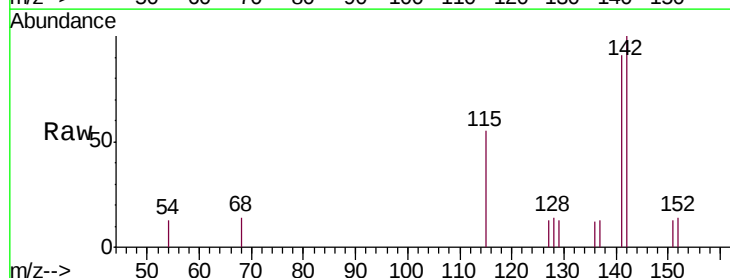
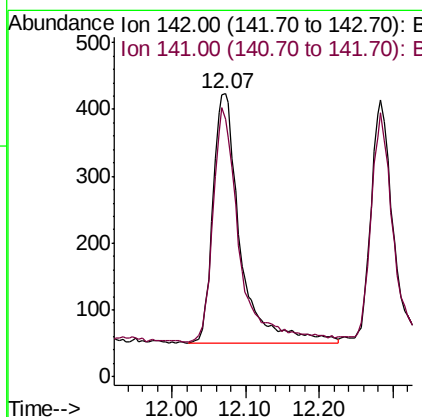
RT: 12.07 min Scan# 3342

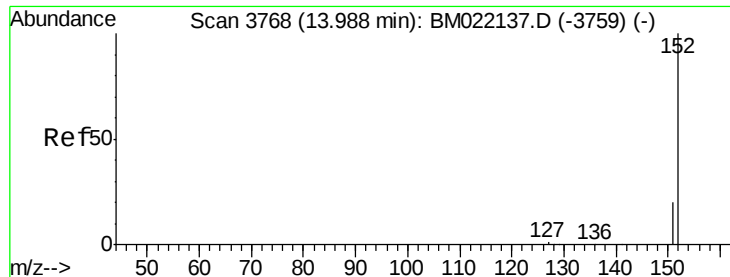
Delta R.T. -0.02 min

Lab File: BM022143.D

Acq: 15 Aug 2019 13:44

Tgt Ion:	142	Resp:	953
Ion Ratio	Lower	Upper	
142	100		
141	92.3	74.3	111.5





#7

Acenaphthylene

Concen: 0.157 ng/ul

RT: 13.97 min Scan# 3765

Delta R.T. -0.02 min

Lab File: BM022143.D

Acq: 15 Aug 2019 13:44

Instrument :

BNA_M

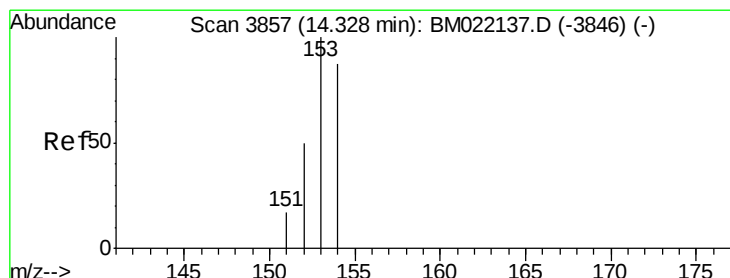
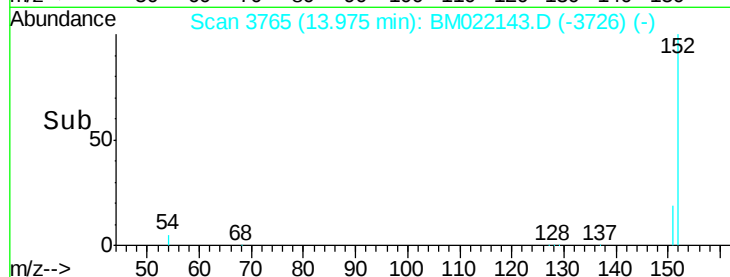
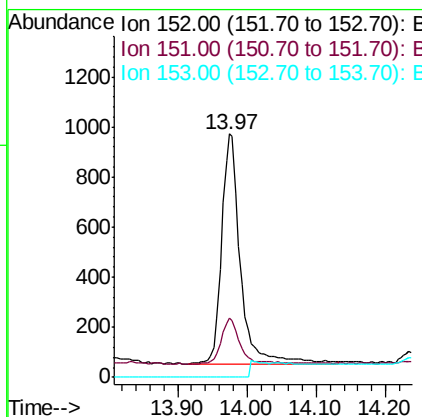
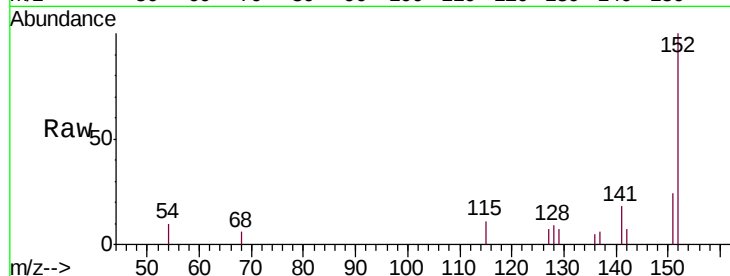
ClientSampleId :

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Tgt Ion:	152	Resp:	1615
Ion Ratio	Lower	Upper	
152	100		
151	24.4	18.3	27.5
153	0.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.339 ng/ul

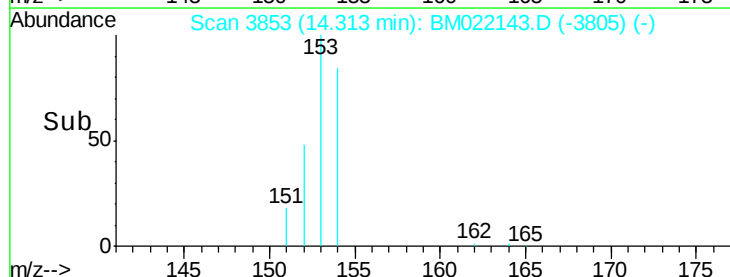
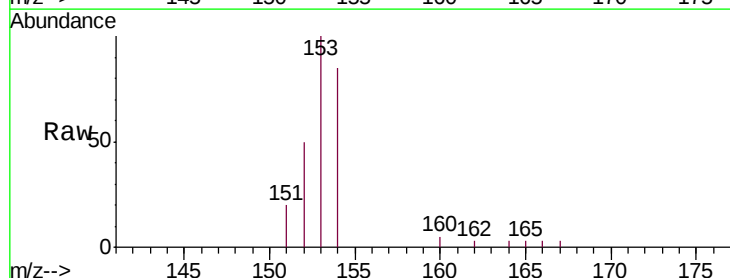
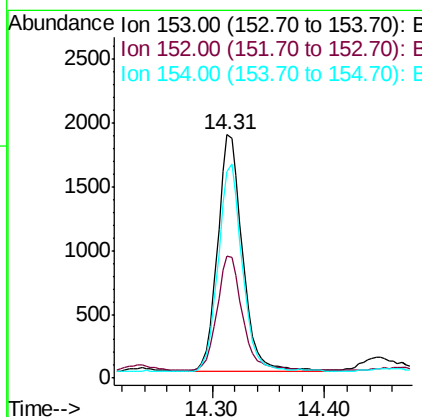
RT: 14.31 min Scan# 3853

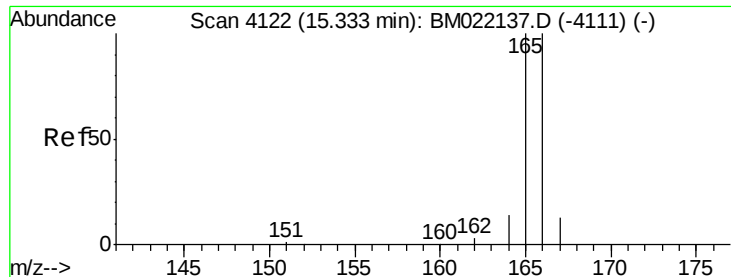
Delta R.T. -0.02 min

Lab File: BM022143.D

Acq: 15 Aug 2019 13:44

Tgt Ion:	153	Resp:	2855
Ion Ratio	Lower	Upper	
153	100		
152	50.2	41.3	61.9
154	84.6	72.3	108.5





#9

Fluorene

Concen: 0.308 ng/ul

RT: 15.31 min Scan# 4117

Delta R.T. -0.02 min

Lab File: BM022143.D

Acq: 15 Aug 2019 13:44

Instrument :

BNA_M

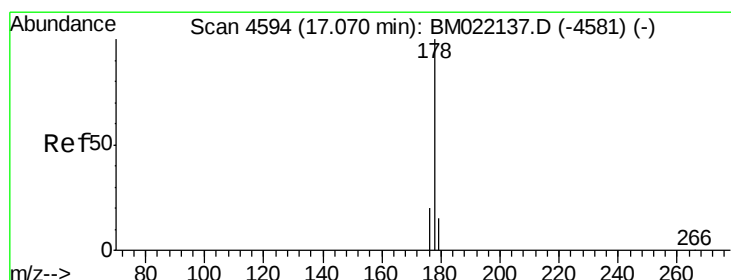
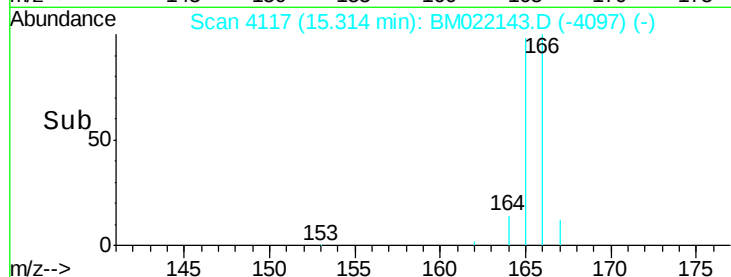
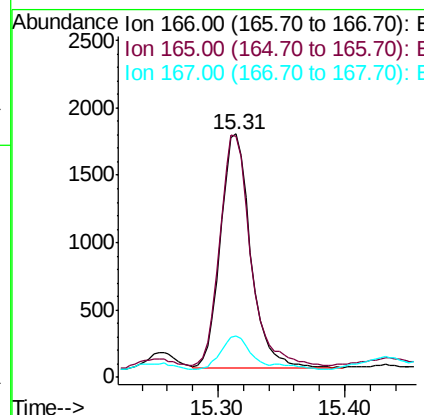
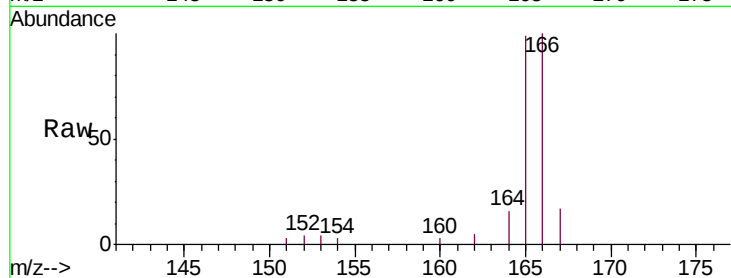
ClientSampleId :

CB5P7DL

Tgt Ion:	166	Resp:	2880
Ion Ratio	Lower	Upper	
166	100		
165	99.1	81.4	122.0
167	17.0	13.7	20.5

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#12

Phenanthrene

Concen: 3.473 ng/ul

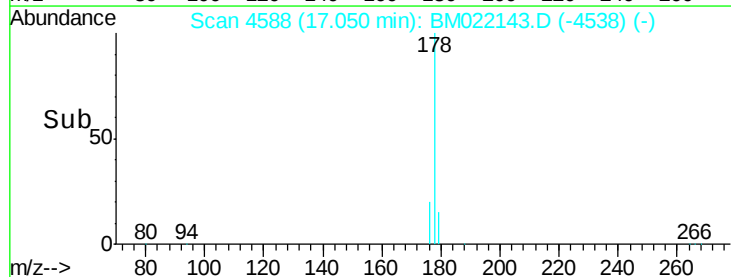
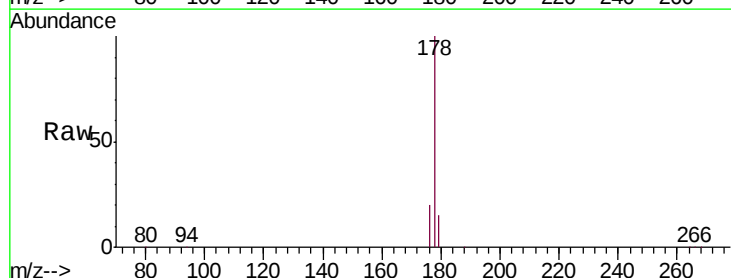
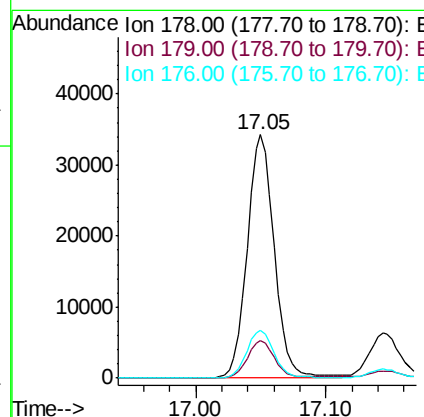
RT: 17.05 min Scan# 4588

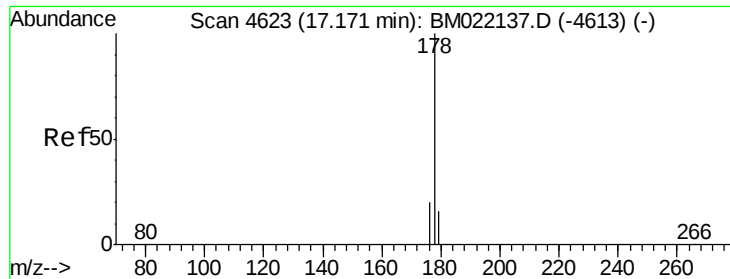
Delta R.T. -0.03 min

Lab File: BM022143.D

Acq: 15 Aug 2019 13:44

Tgt Ion:	178	Resp:	49472
Ion Ratio	Lower	Upper	
178	100		
179	15.4	14.2	21.2
176	19.7	16.8	25.2





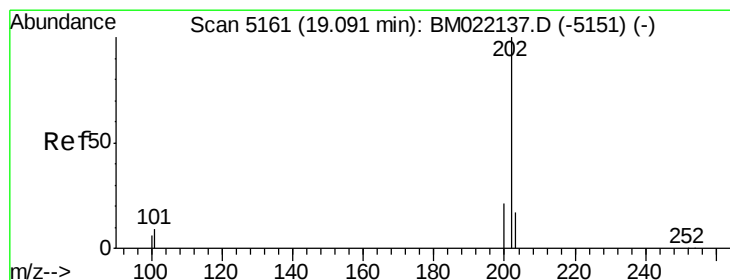
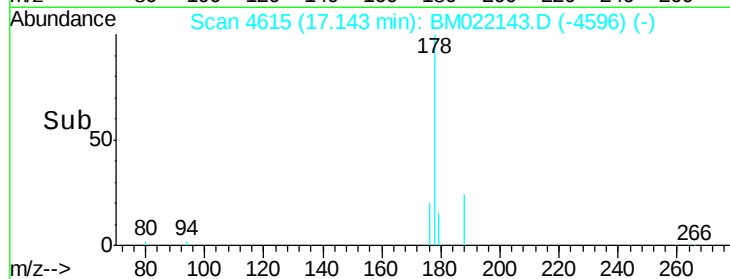
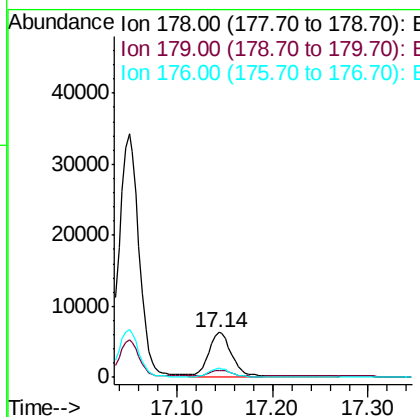
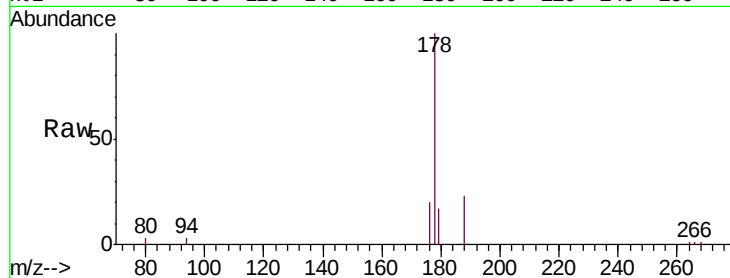
#13
 Anthracene
 Concen: 0.852 ng/ul
 RT: 17.14 min Scan# 4615
 Delta R.T. -0.03 min
 Lab File: BM022143.D
 Acq: 15 Aug 2019 13:44

Instrument :
 BNA_M
 ClientSampleId :
 CB5P7DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.5	15.5	23.3
176	20.1	16.6	25.0

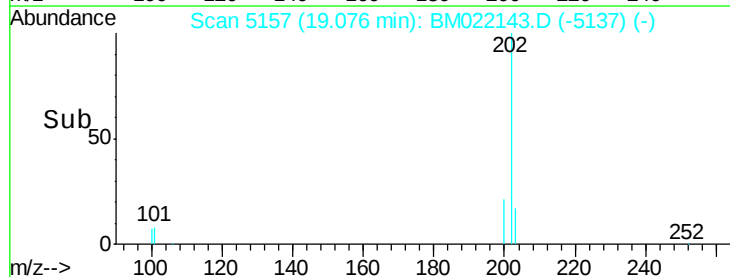
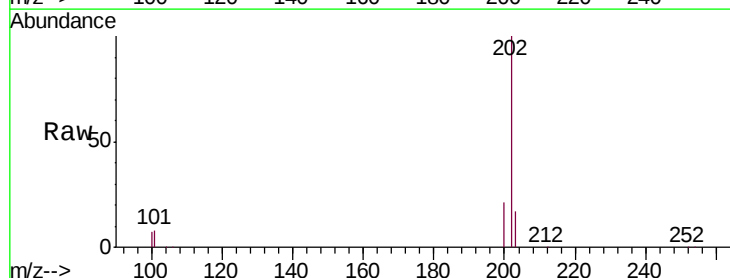
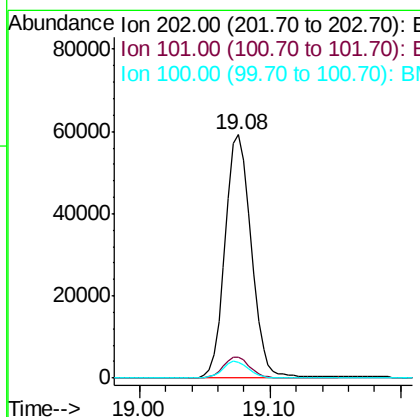
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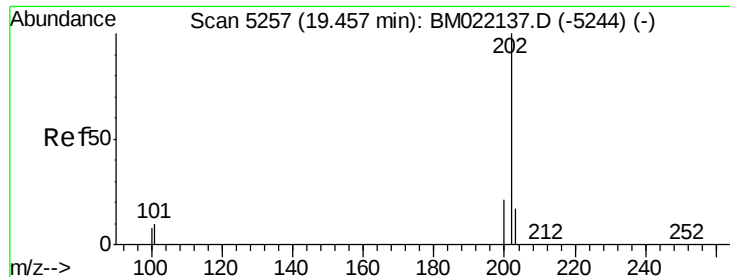
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#15
 Fluoranthene
 Concen: 4.296 ng/ul
 RT: 19.08 min Scan# 5157
 Delta R.T. -0.02 min
 Lab File: BM022143.D
 Acq: 15 Aug 2019 13:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	30.2
100	6.7	0.0	28.1





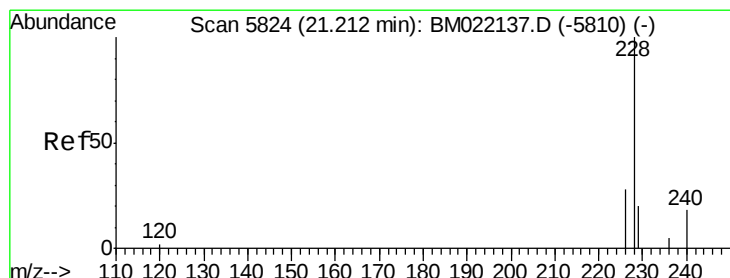
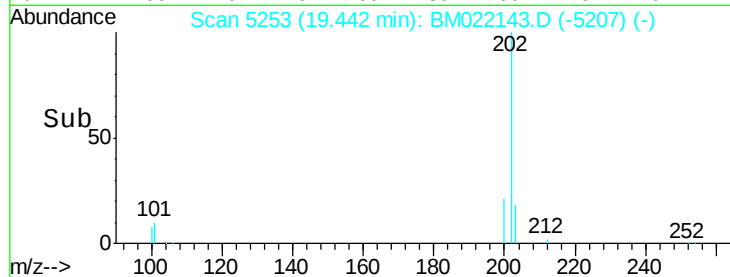
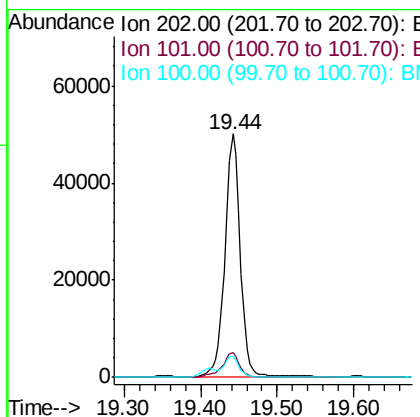
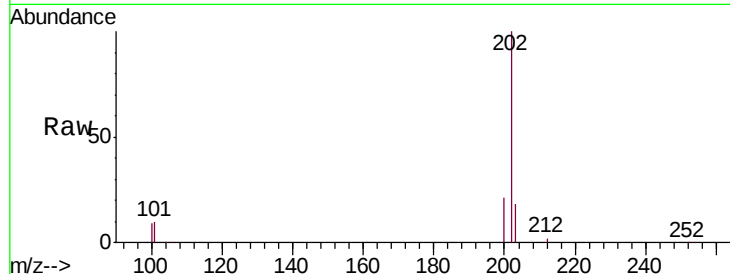
#17
Pyrene
 Concen: 3.507 ng/ul
 RT: 19.44 min Scan# 5253
 Delta R.T. -0.02 min
 Lab File: BM022143.D
 Acq: 15 Aug 2019 13:44

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.2	8.3	12.5
100	8.5	7.2	10.8

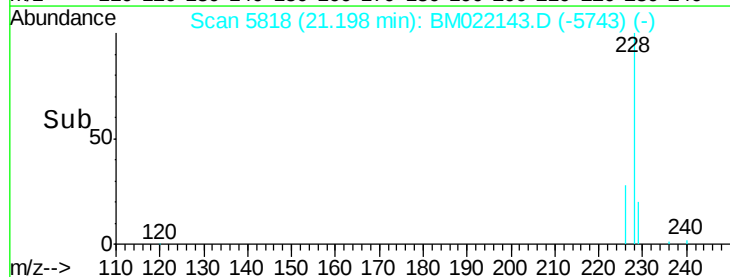
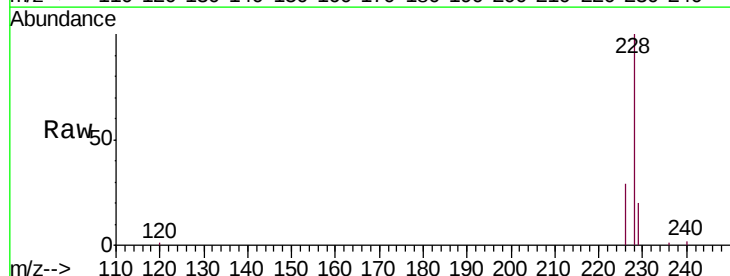
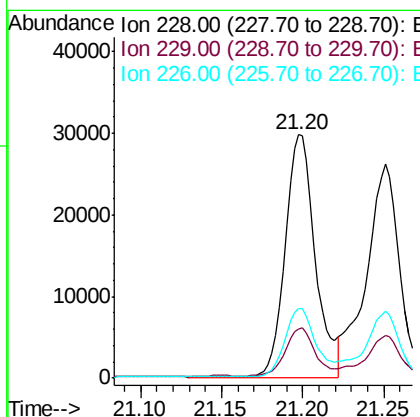
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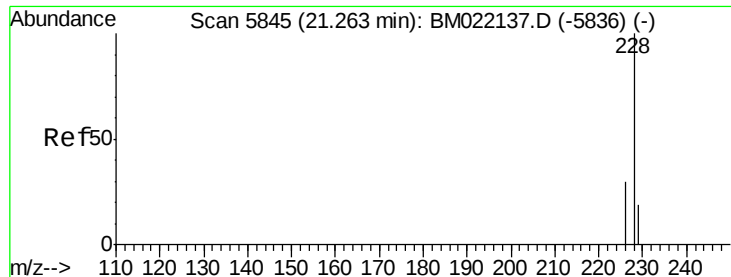
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#18
Benzo(a)anthracene
 Concen: 2.235 ng/ul
 RT: 21.20 min Scan# 5818
 Delta R.T. -0.02 min
 Lab File: BM022143.D
 Acq: 15 Aug 2019 13:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.3	17.2	25.8
226	28.5	22.6	34.0





#19

Chrysene

Concen: 1.695 ng/ul

RT: 21.25 min Scan# 5840

Delta R.T. -0.02 min

Lab File: BM022143.D

Acq: 15 Aug 2019 13:44

Instrument :

BNA_M

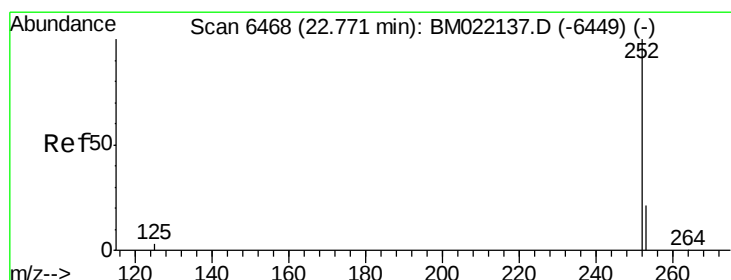
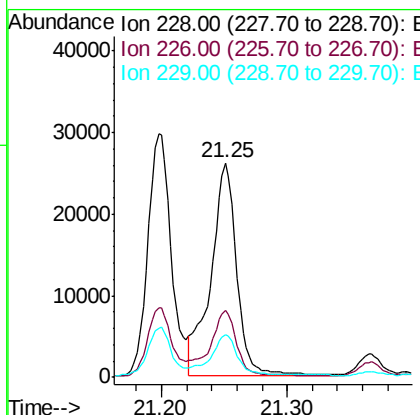
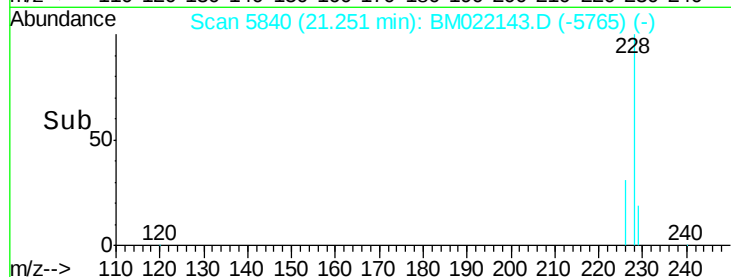
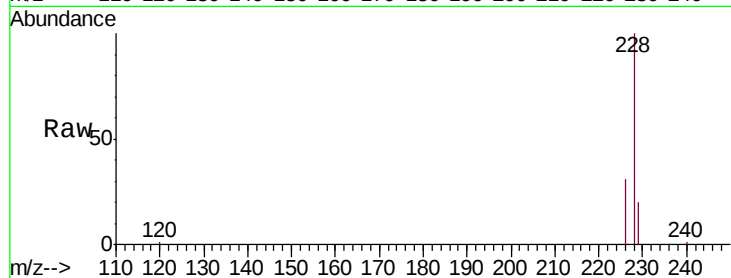
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CB5P7DL

Tgt Ion:	228	Resp:	37685
Ion Ratio	Lower	Upper	
228	100		
226	31.3	24.9	37.3
229	19.8	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 2.822 ng/ul m

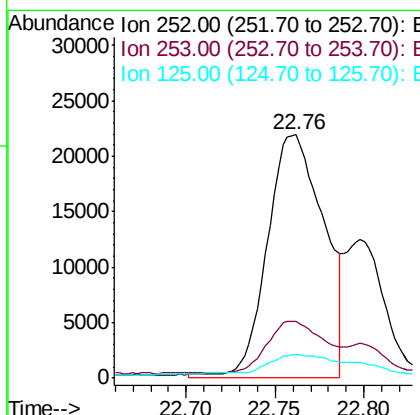
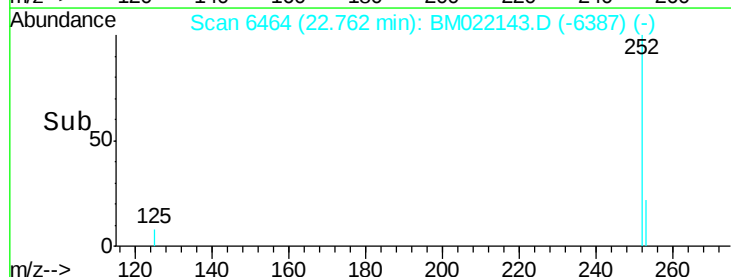
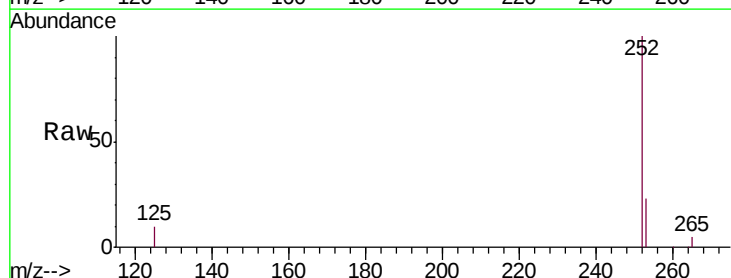
RT: 22.76 min Scan# 6464

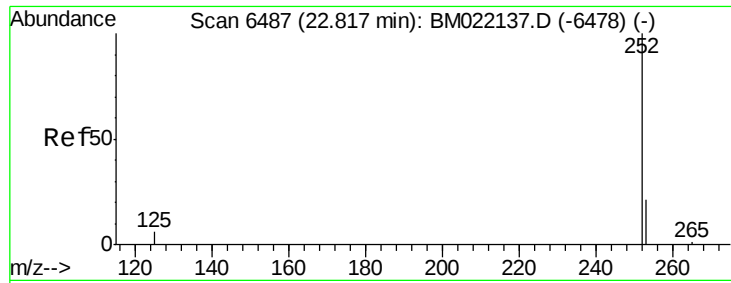
Delta R.T. -0.01 min

Lab File: BM022143.D

Acq: 15 Aug 2019 13:44

Tgt Ion:	252	Resp:	48334
Ion Ratio	Lower	Upper	
252	100		
253	23.5	0.0	67.4
125	9.7	0.0	31.0





#22

Benzo(k)fluoranthene

Concen: 0.969 ng/ul

RT: 22.80 min Scan# 6479

Delta R.T. -0.02 min

Lab File: BM022143.D

Acq: 15 Aug 2019 13:44

Instrument :

BNA_M

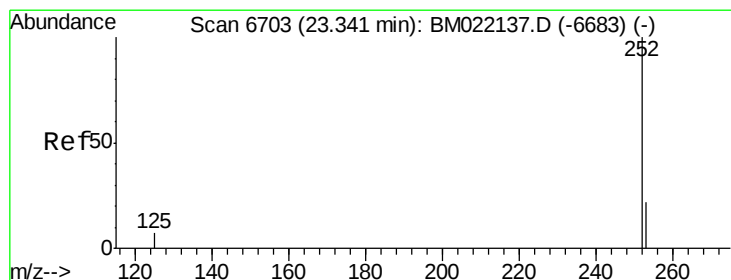
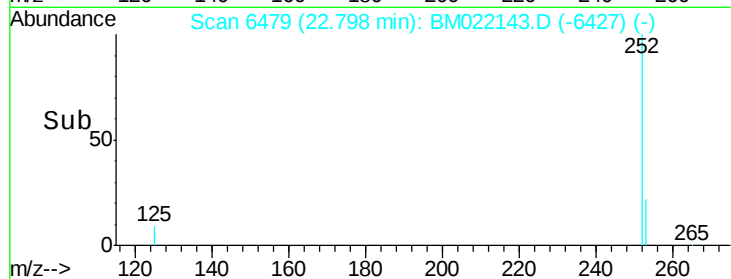
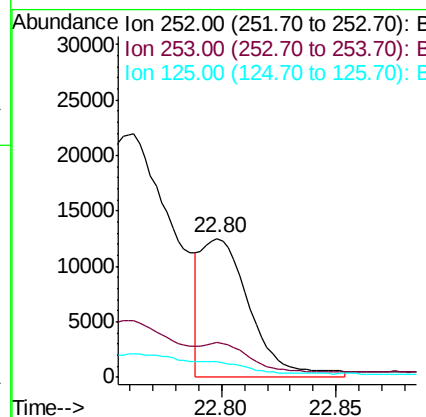
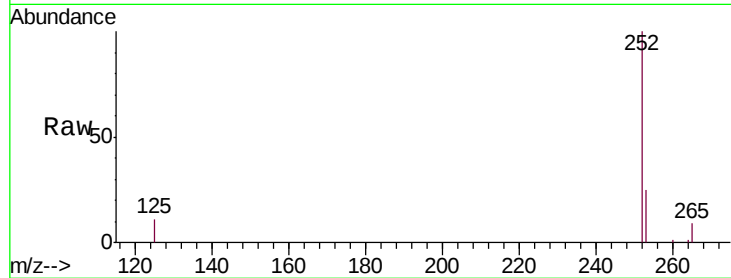
ClientSampleId :

CB5P7DL

Tgt Ion:	252	Resp:	18791
Ion Ratio	Lower	Upper	
252	100		
253	24.9	27.0	40.4#
125	11.1	12.2	18.2#

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#23

Benzo(a)pyrene

Concen: 1.861 ng/ul

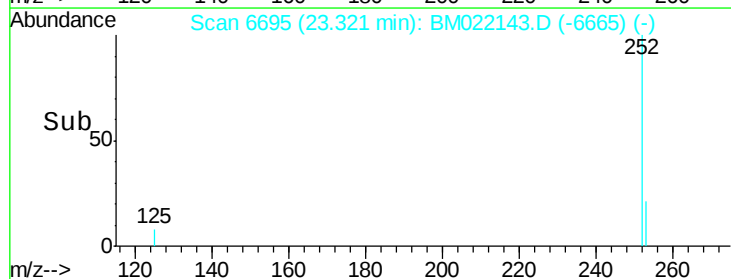
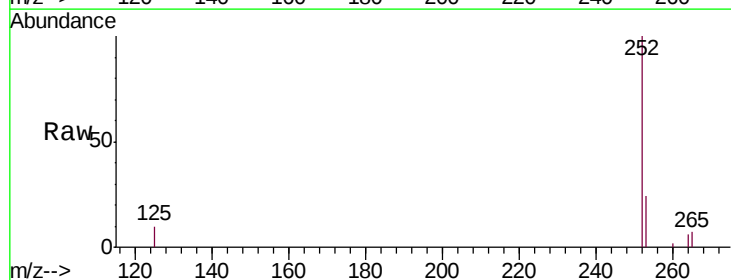
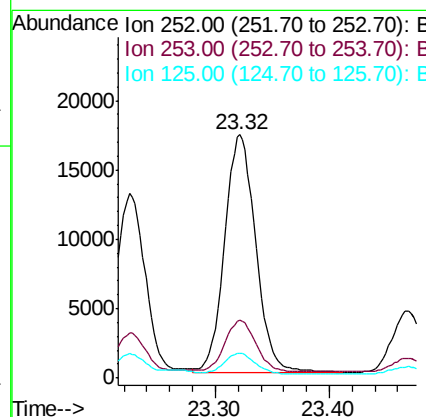
RT: 23.32 min Scan# 6695

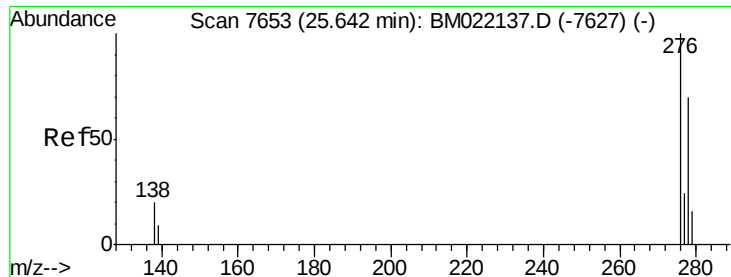
Delta R.T. -0.03 min

Lab File: BM022143.D

Acq: 15 Aug 2019 13:44

Tgt Ion:	252	Resp:	32415
Ion Ratio	Lower	Upper	
252	100		
253	23.7	31.7	47.5#
125	10.2	14.6	21.8#





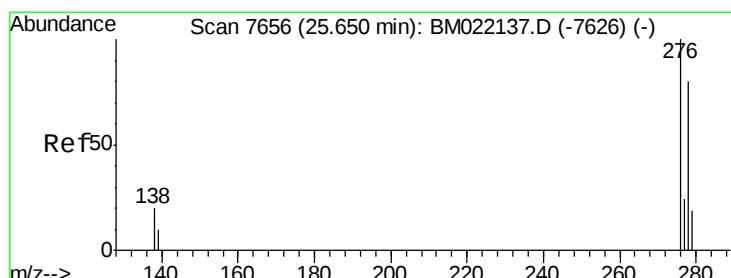
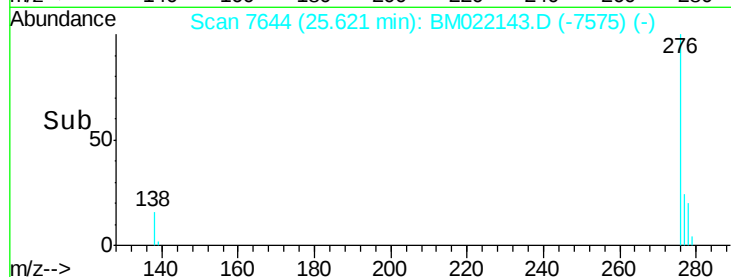
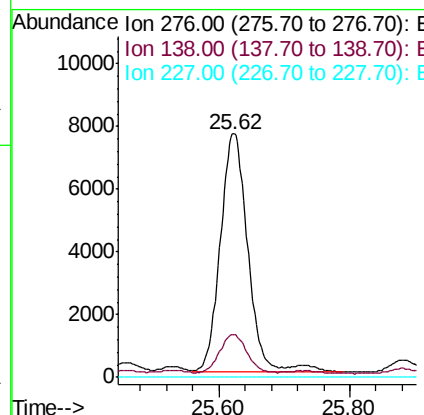
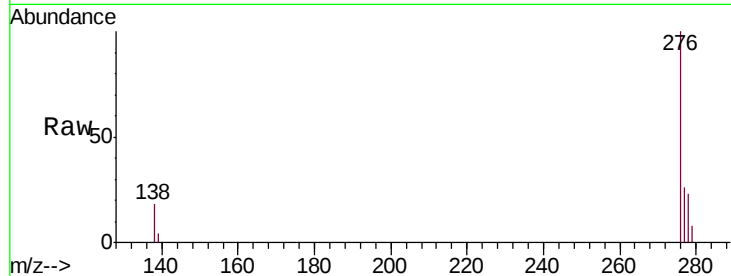
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.072 ng/u1
 RT: 25.62 min Scan# 7644
 Delta R.T. -0.03 min
 Lab File: BM022143.D
 Acq: 15 Aug 2019 13:44

Instrument :
 BNA_M
 ClientSampled :
 CB5P7DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.5	15.1	22.7
227	0.0	0.0	0.0

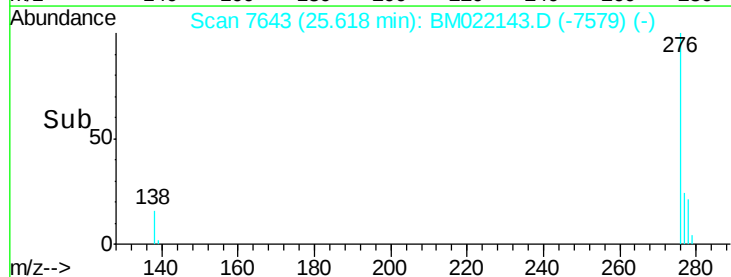
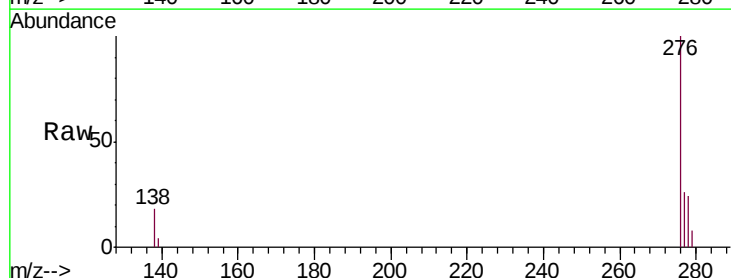
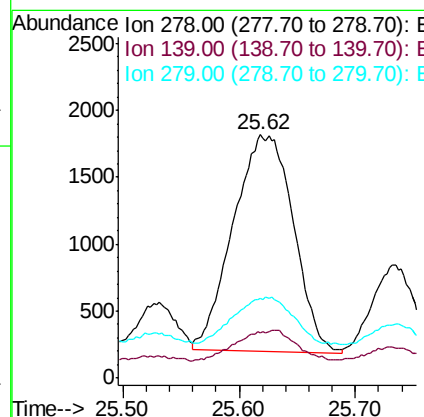
Manual Integrations
 APPROVED

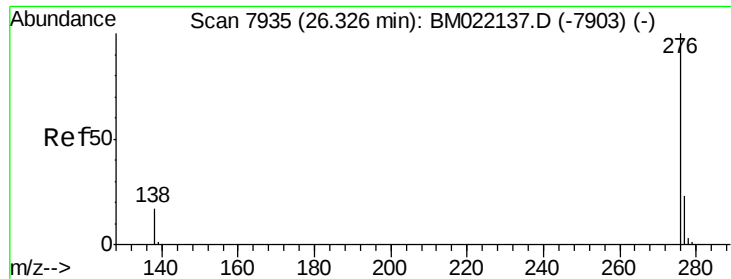
mohammad
 8/15/2019 5:10:48 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.348 ng/u1
 RT: 25.62 min Scan# 7643
 Delta R.T. -0.05 min
 Lab File: BM022143.D
 Acq: 15 Aug 2019 13:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.8	14.2	21.2
279	32.5	28.3	42.5





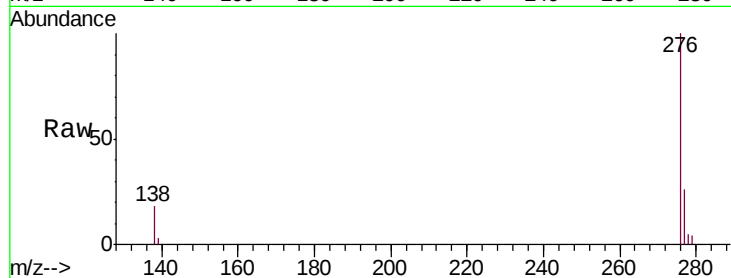
#26
 Benzo(g,h,i)perylene
 Concen: 0.966 ng/ul
 RT: 26.30 min Scan# 7925
 Delta R.T. -0.03 min
 Lab File: BM022143.D
 Acq: 15 Aug 2019 13:44

Instrument :
 BNA_M
 ClientSampleId :
 CB5P7DL

Tgt Ion:	276	Resp:	18099
Ion Ratio	Lower	Upper	
276	100		
138	18.5	15.5	23.3
277	25.7	21.4	32.2

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:48 PM



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

