

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
 Data File : BM022624.D
 Acq On : 10 Sep 2019 17:44
 Operator : HP/JU
 Sample : K4708-01DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P8DL

Manual Integrations
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mohammad
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Quant Time: Sep 10 18:18:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 15:06:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	17336	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	72549	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	38672	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	87574	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	68683	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	58604	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.23	152	7508	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	16785	0.07	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.69	128	22176	0.107	ng/ul	98
5) 2-Methylnaphthalene	12.31	142	8668	0.061	ng/ul	100
7) Acenaphthylene	14.20	152	10970	0.061	ng/ul#	95
8) Acenaphthene	14.54	153	40984	0.273	ng/ul	99
9) Fluorene	15.53	166	45286	0.264	ng/ul	99
12) Phenanthrene	17.25	178	1033374	3.704	ng/ul	100
13) Anthracene	17.35	178	172944	0.723	ng/ul	100
15) Fluoranthene	19.27	202	1524812	5.064	ng/ul	100
17) Pyrene	19.63	202	1376757	4.422	ng/ul	99
18) Benzo(a)anthracene	21.37	228	724311	2.756	ng/ul	99
19) Chrysene	21.42	228	712756	2.577	ng/ul	98
21) Benzo(b)fluoranthene	22.99	252	772357m	3.033	ng/ul	
22) Benzo(k)fluoranthene	23.03	252	253007m	0.974	ng/ul	
23) Benzo(a)pyrene	23.57	252	488663	2.193	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.99	276	271350	0.998	ng/ul#	91
25) Dibenzo(a,h)anthracene	26.00	278	77272	0.352	ng/ul	98
26) Benzo(a,h,i)perylene	26.70	276	209771	0.969	ng/ul	99

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

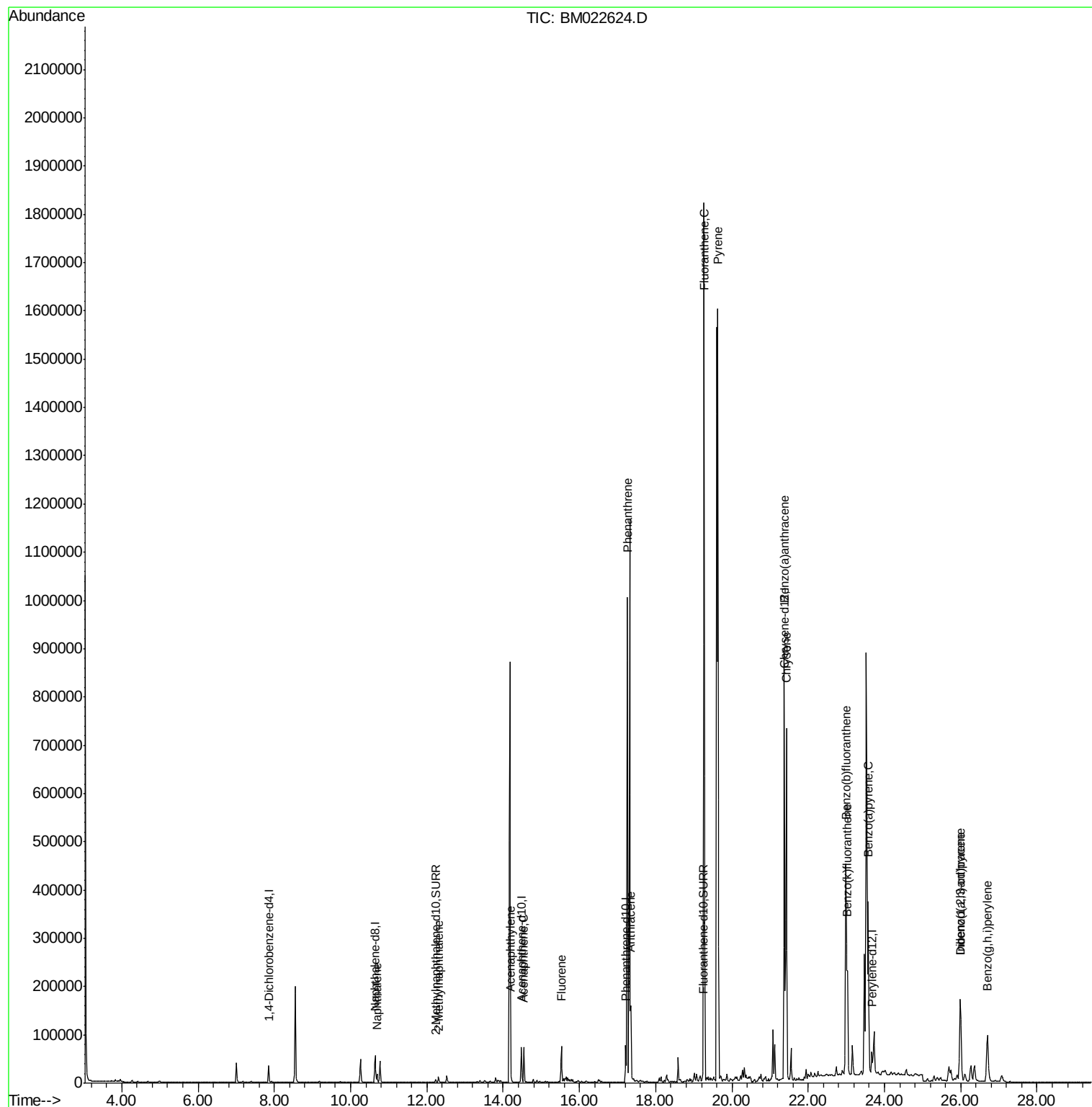
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
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Misc :
ALS Vial : 12 Sample Multiplier: 1

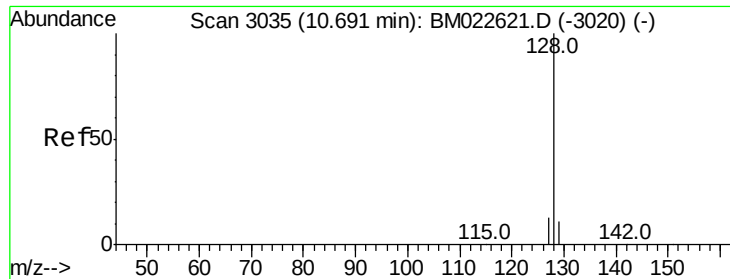
Instrument :
BNA_M
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CB5P8DL

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#3

Naphthalene

Concen: 0.107 ng/ul

RT: 10.69 min Scan# 3035

Delta R.T. -0.00 min

Lab File: BM022624.D

Acq: 10 Sep 2019 17:44

Instrument :

BNA_M

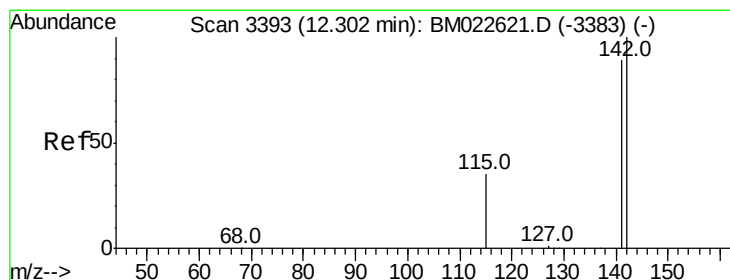
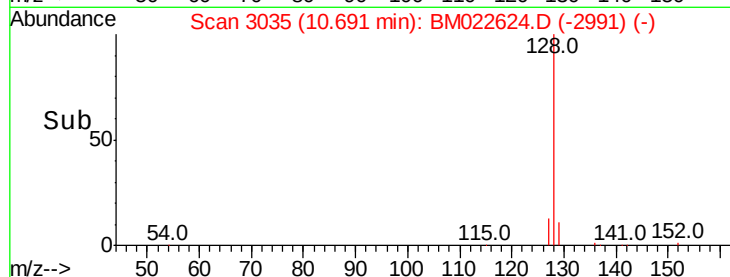
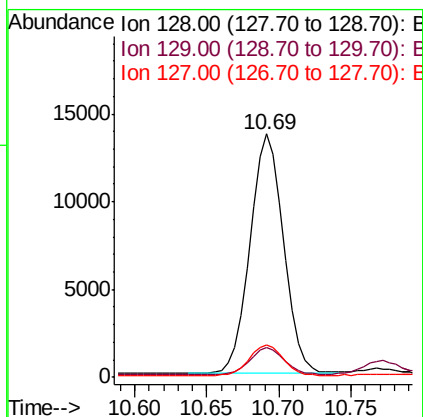
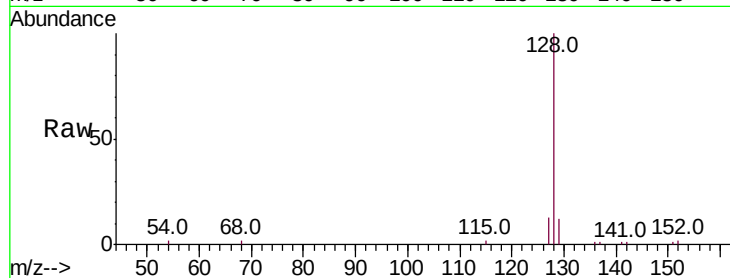
ClientSampleId :

CB5P8DL

Tot Ion:128	Resp:	22176
Ion Ratio	Lower	Upper
128 100		
129 12.2	8.8	13.2
127 13.3	10.4	15.6

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#5

2-Methylnaphthalene

Concen: 0.061 ng/ul

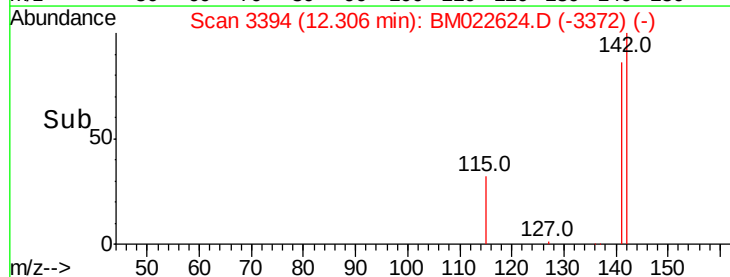
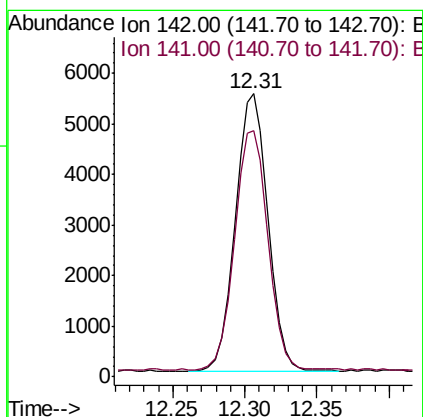
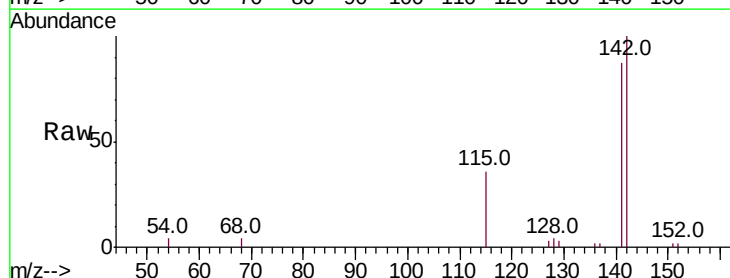
RT: 12.31 min Scan# 3394

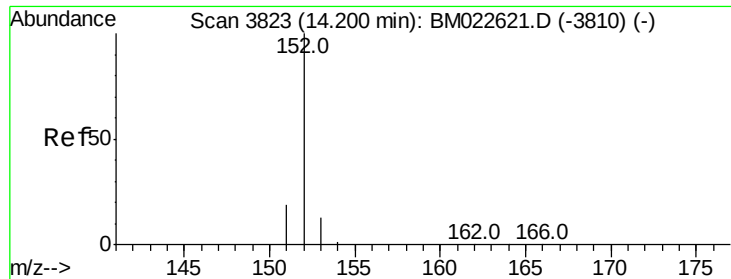
Delta R.T. -0.00 min

Lab File: BM022624.D

Acq: 10 Sep 2019 17:44

Tgt Ion:142	Resp:	8668
Ion Ratio	Lower	Upper
142 100		
141 88.2	70.8	106.2





#7

Acenaphthylene

Concen: 0.061 ng/ul

RT: 14.20 min Scan# 3823

Delta R.T. -0.00 min

Lab File: BM022624.D

Acq: 10 Sep 2019 17:44

Instrument :

BNA_M

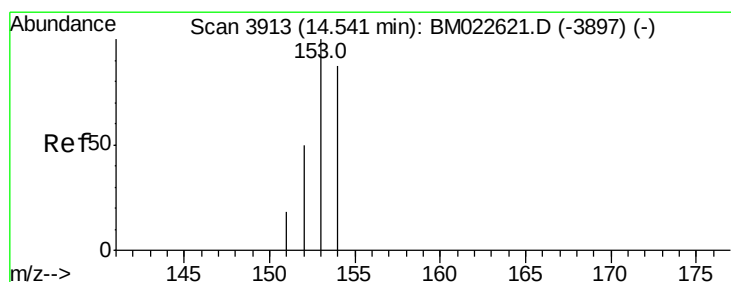
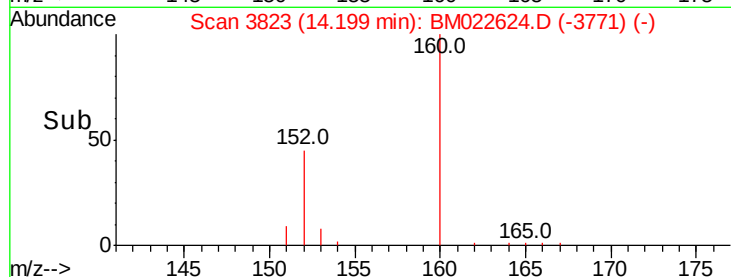
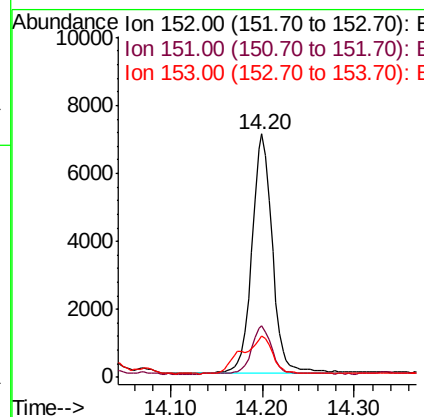
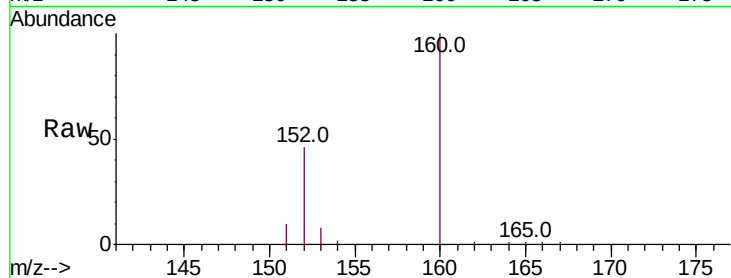
ClientSampleId :

CB5P8DL

Tot Ion:	152	Resp:	10970
Ion Ratio	Lower	Upper	
152	100		
151	21.0	15.8	23.8
153	17.1	10.7	16.1#

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#8

Acenaphthene

Concen: 0.273 ng/ul

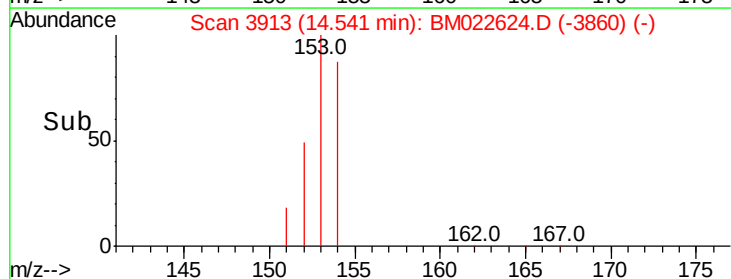
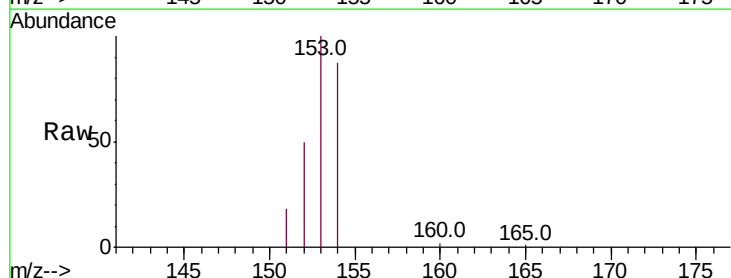
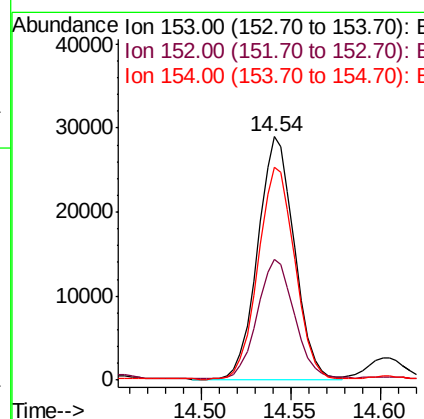
RT: 14.54 min Scan# 3913

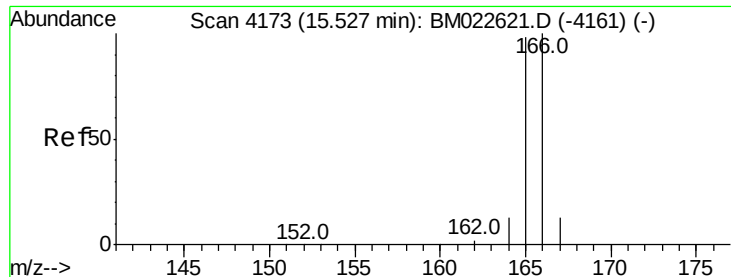
Delta R.T. -0.00 min

Lab File: BM022624.D

Acq: 10 Sep 2019 17:44

Tgt Ion:	153	Resp:	40984
Ion Ratio	Lower	Upper	
153	100		
152	49.6	40.7	61.1
154	87.4	70.0	105.0





#9

Fluorene

Concen: 0.264 ng/ul

RT: 15.53 min Scan# 4173

Delta R.T. -0.00 min

Lab File: BM022624.D

Acq: 10 Sep 2019 17:44

Instrument :

BNA_M

ClientSampleId :

CB5P8DL

Tot Ion:166 Resp: 45286

Ion Ratio Lower Upper

166 100

165 97.4 78.2 117.2

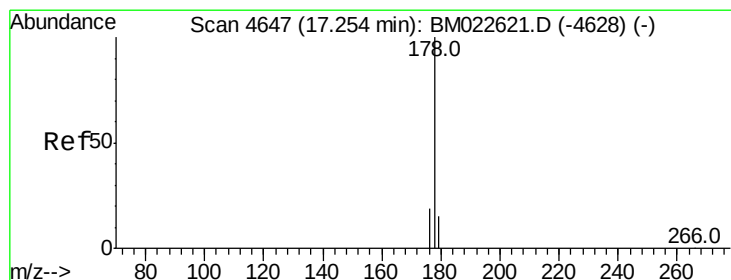
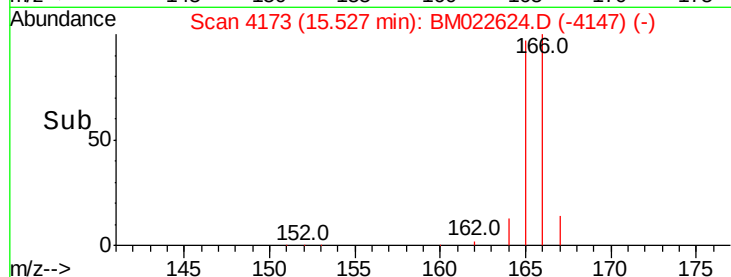
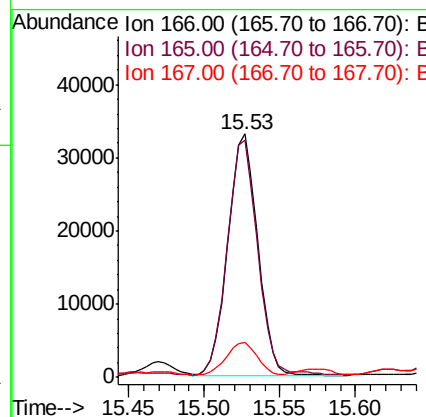
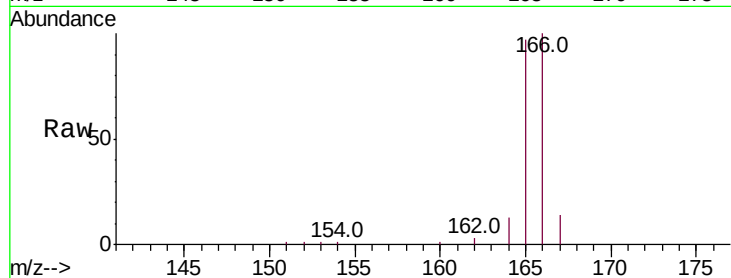
167 14.4 10.8 16.2

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#12

Phenanthrene

Concen: 3.704 ng/ul

RT: 17.25 min Scan# 4647

Delta R.T. -0.00 min

Lab File: BM022624.D

Acq: 10 Sep 2019 17:44

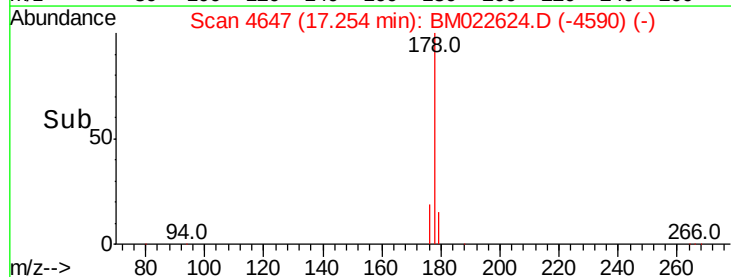
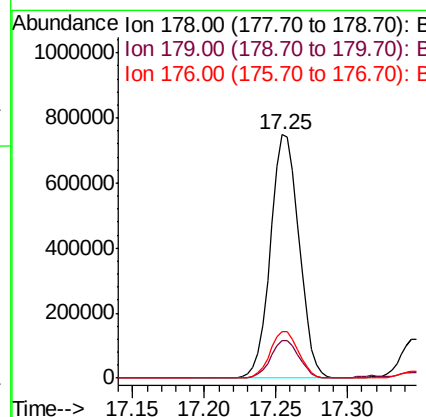
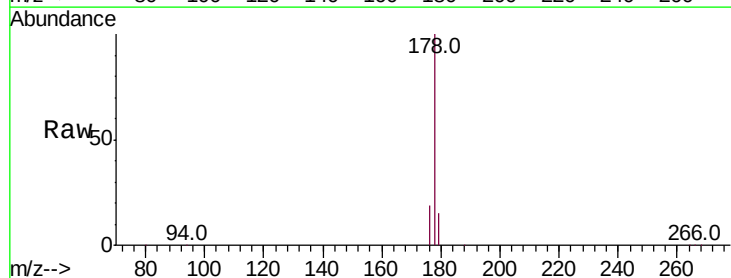
Tgt Ion:178 Resp: 1033374

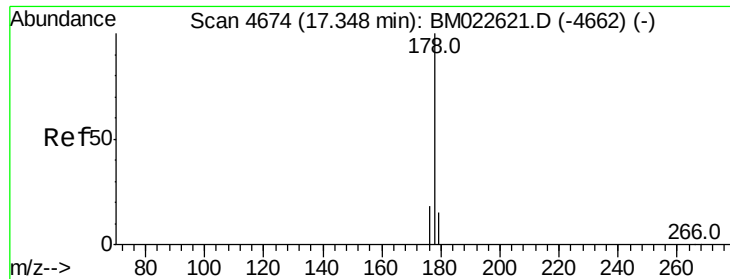
Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

176 19.2 15.3 22.9





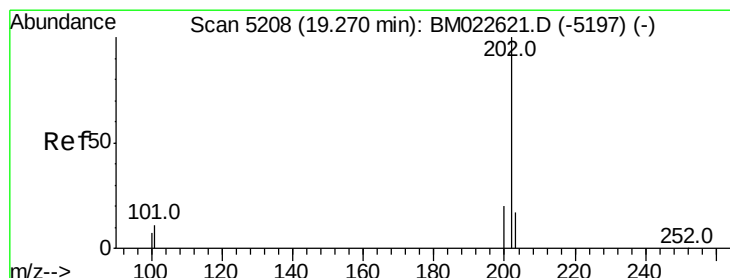
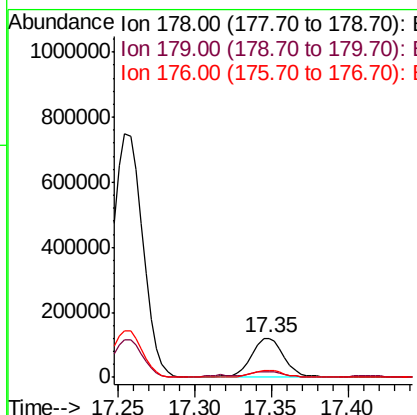
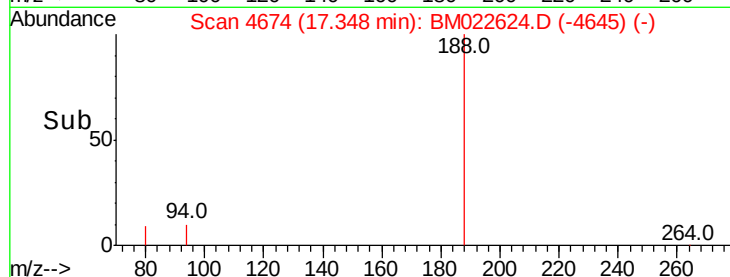
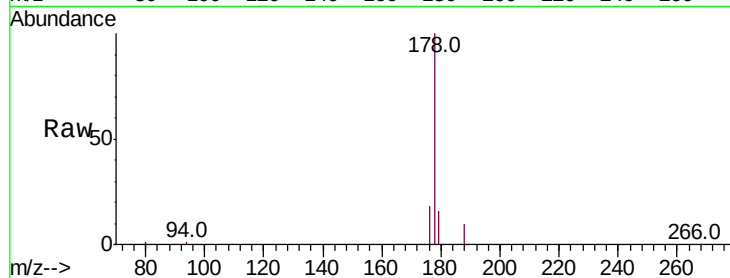
#13
 Anthracene
 Concen: 0.723 ng/ul
 RT: 17.35 min Scan# 4674
 Delta R.T. -0.00 min
 Lab File: BM022624.D
 Acq: 10 Sep 2019 17:44

Instrument :
 BNA_M
 ClientSampleId :
 CB5P8DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.5	18.7
176	18.4	14.8	22.2

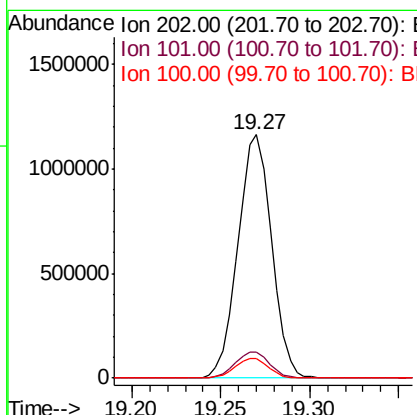
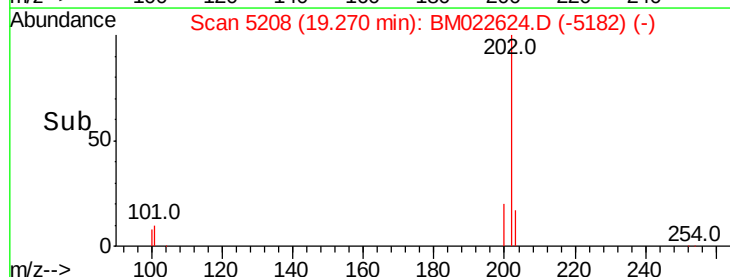
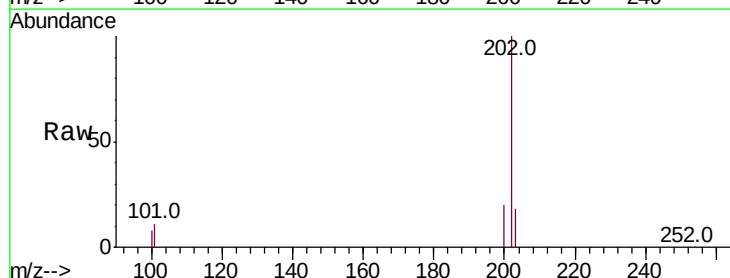
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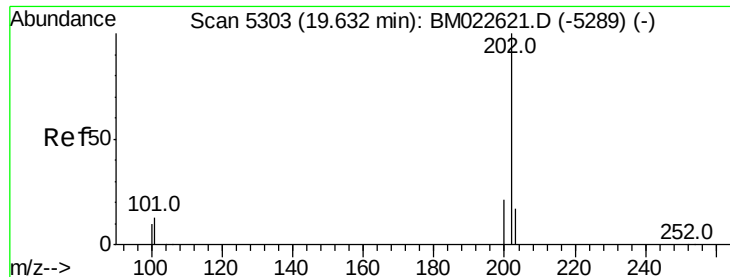
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#15
 Fluoranthene
 Concen: 5.064 ng/ul
 RT: 19.27 min Scan# 5208
 Delta R.T. -0.00 min
 Lab File: BM022624.D
 Acq: 10 Sep 2019 17:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.5
100	7.8	0.0	28.0





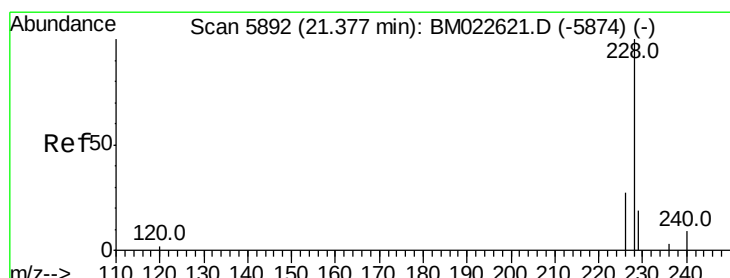
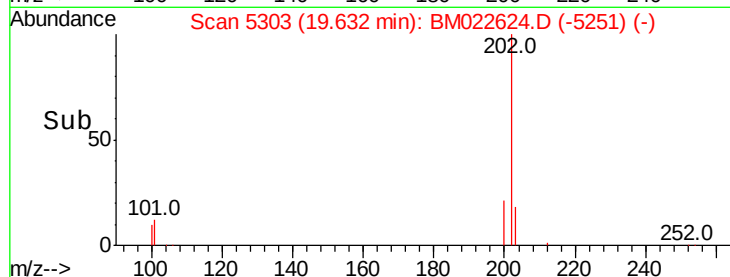
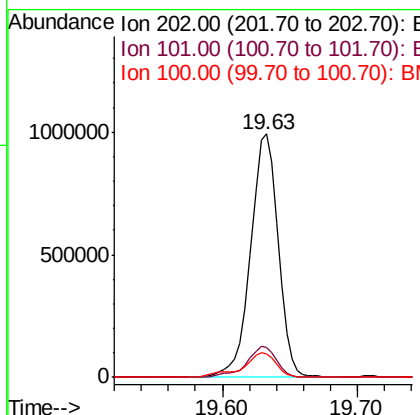
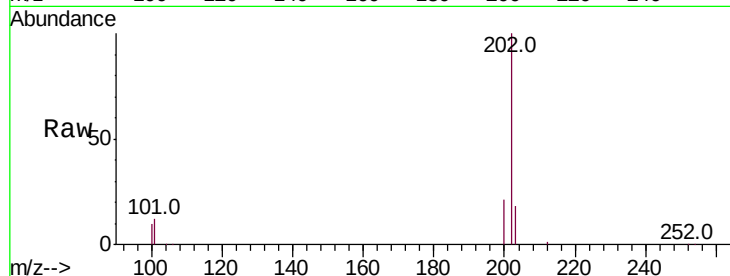
#17
Pvrene
Concen: 4.422 ng/ul
RT: 19.63 min Scan# 5303
Delta R.T. -0.00 min
Lab File: BM022624.D
Acq: 10 Sep 2019 17:44

Instrument :
BNA_M
ClientSampled :
CB5P8DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	10.0	15.0
100	9.8	8.1	12.1

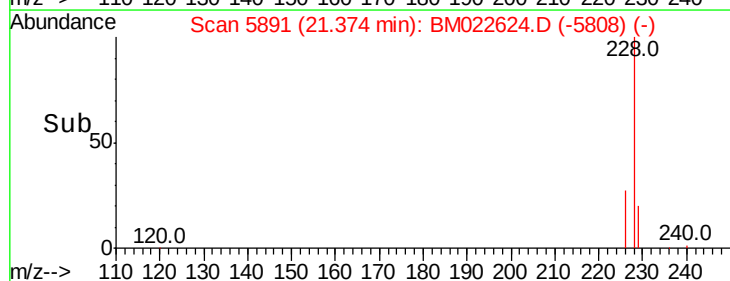
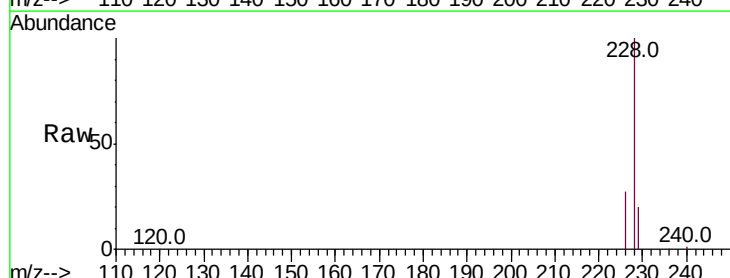
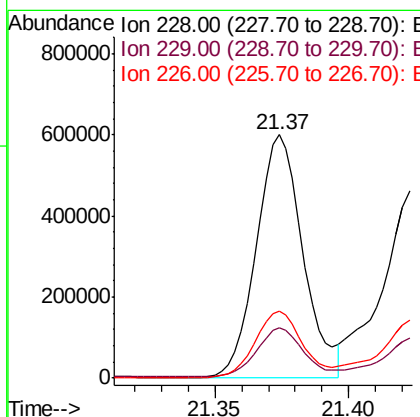
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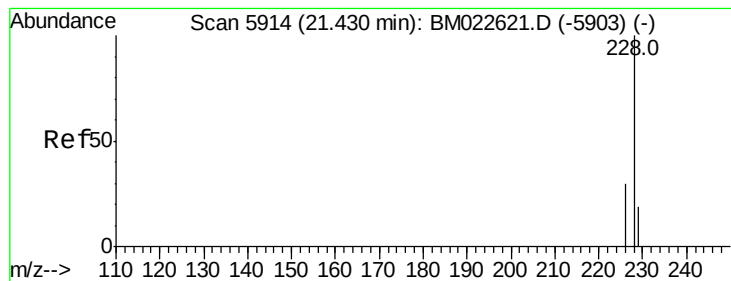
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#18
Benzo(a)anthracene
Concen: 2.756 ng/ul
RT: 21.37 min Scan# 5891
Delta R.T. -0.00 min
Lab File: BM022624.D
Acq: 10 Sep 2019 17:44

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.6	23.4
226	27.5	22.0	33.0





#19

Chrysene

Concen: 2.577 ng/ul

RT: 21.42 min Scan# 5912

Delta R.T. -0.00 min

Lab File: BM022624.D

Acq: 10 Sep 2019 17:44

Instrument :

BNA_M

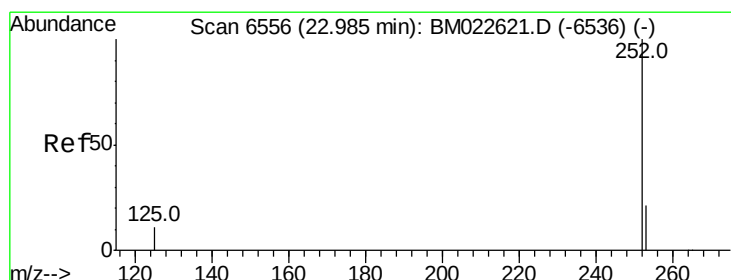
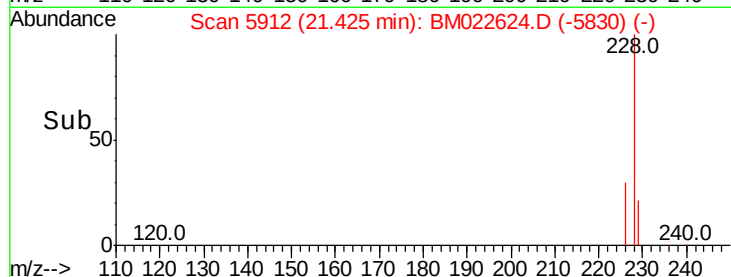
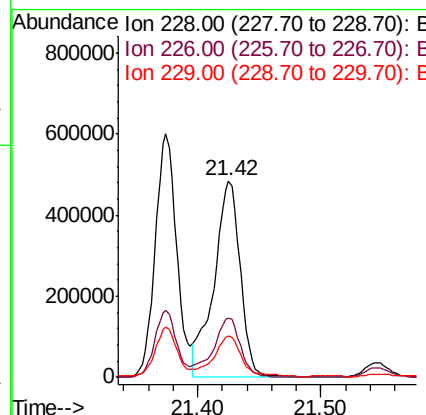
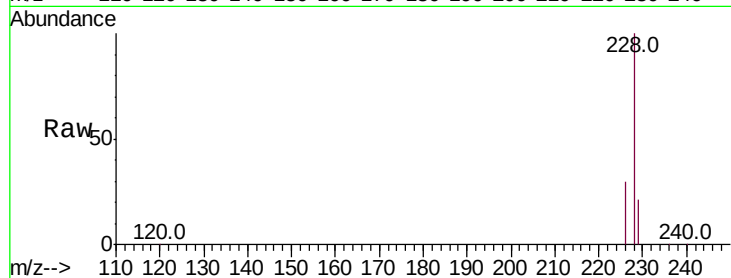
ClientSampleId :

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Tot Ion:	228	Resp:	712756
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.8	35.8
229	21.3	15.5	23.3

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#21

Benzo(b)fluoranthene

Concen: 3.033 ng/ul m

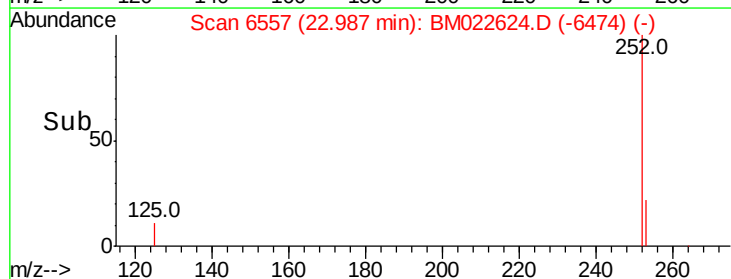
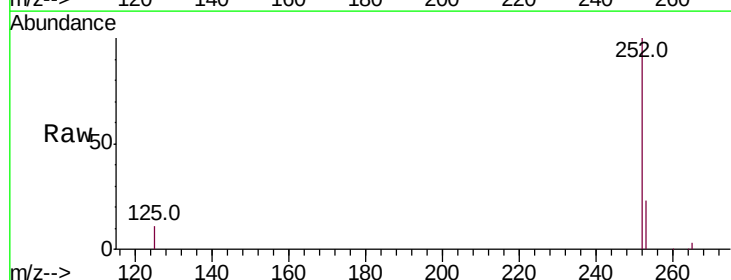
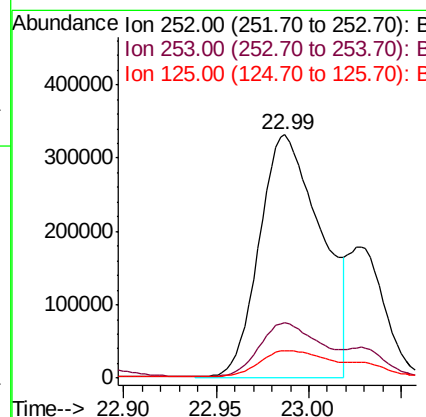
RT: 22.99 min Scan# 6557

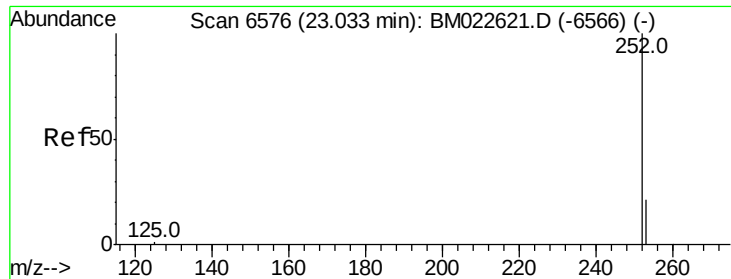
Delta R.T. -0.00 min

Lab File: BM022624.D

Acq: 10 Sep 2019 17:44

Tgt Ion:	252	Resp:	772357
Ion Ratio	Lower	Upper	
252	100		
253	22.9	0.0	48.4
125	11.2	0.0	31.2





#22

Benzo(k)fluoranthene

Concen: 0.974 ng/ul m

RT: 23.03 min Scan# 6574

Delta R.T. -0.00 min

Lab File: BM022624.D

Acq: 10 Sep 2019 17:44

Instrument :

BNA_M

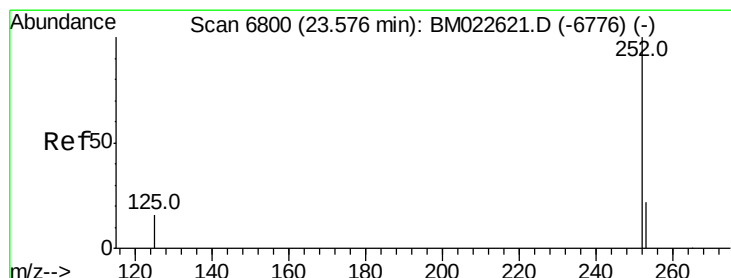
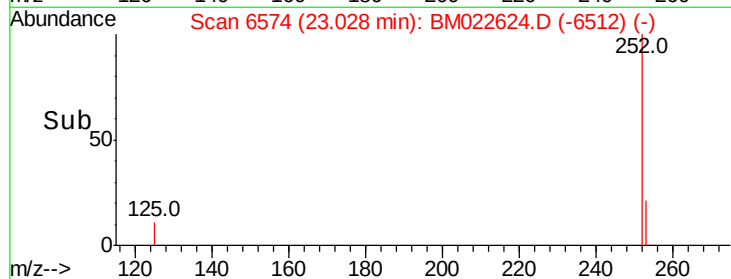
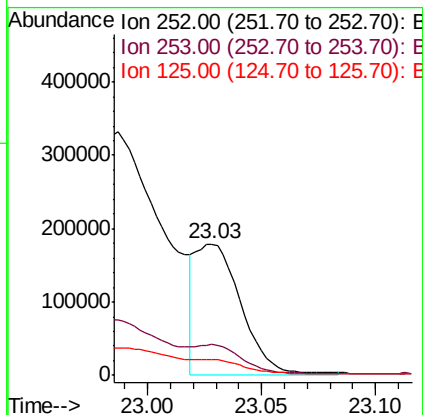
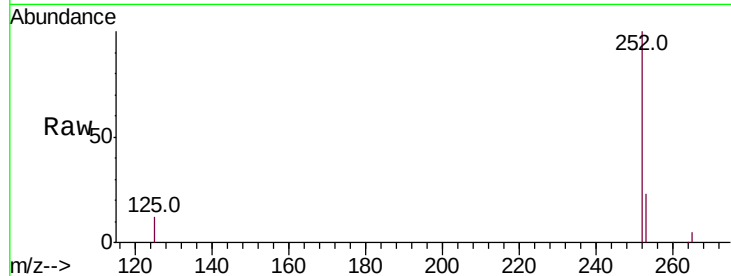
ClientSampleId :

CB5P8DL

Tot Ion:	252	Resp:	253007
Ion Ratio	Lower	Upper	
252	100		
253	23.3	19.5	29.3
125	12.2	11.2	16.8

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#23

Benzo(a)pyrene

Concen: 2.193 ng/ul

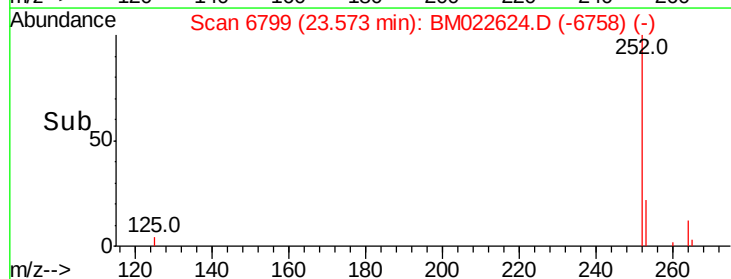
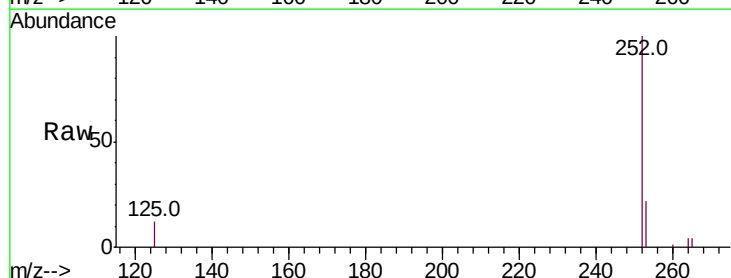
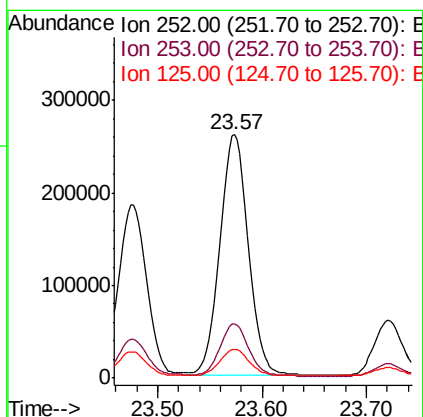
RT: 23.57 min Scan# 6799

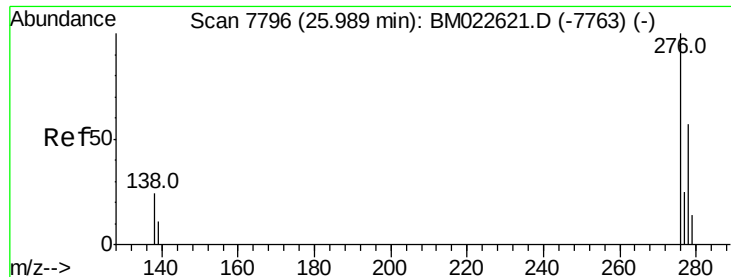
Delta R.T. -0.00 min

Lab File: BM022624.D

Acq: 10 Sep 2019 17:44

Tgt Ion:	252	Resp:	488663
Ion Ratio	Lower	Upper	
252	100		
253	22.4	20.2	30.2
125	12.0	15.7	23.5#





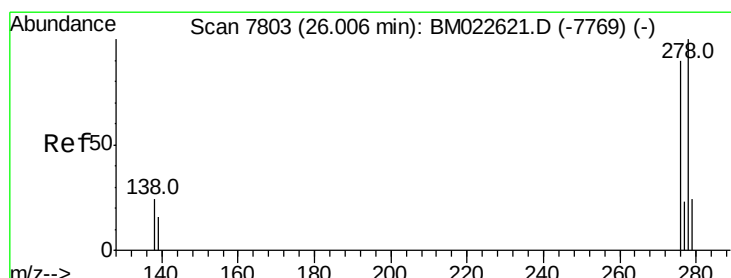
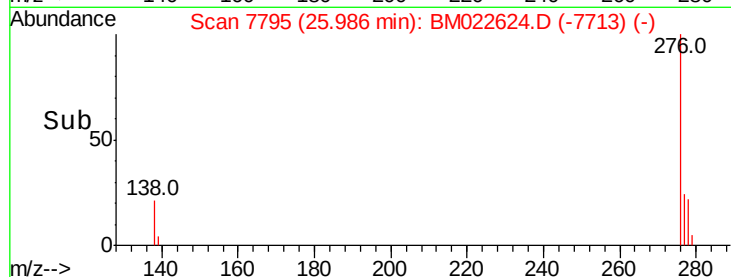
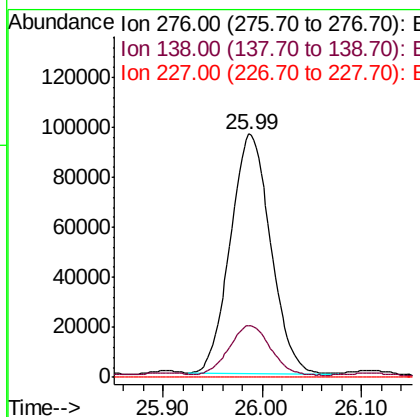
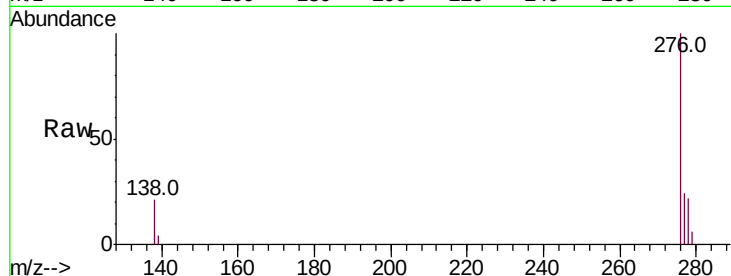
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.998 ng/ul
 RT: 25.99 min Scan# 7795
 Delta R.T. -0.00 min
 Lab File: BM022624.D
 Acq: 10 Sep 2019 17:44

Instrument :
 BNA_M
 ClientSampleId :
 CB5P8DL

Tot Ion	Ratio	Resp	Lower	Upper
276	100	271350		
138	21.6		21.1	31.7
227	0.0		0.0	0.0

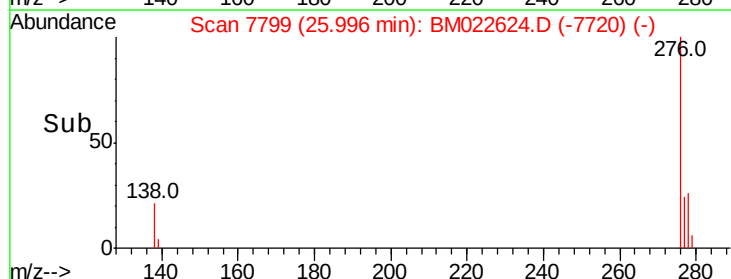
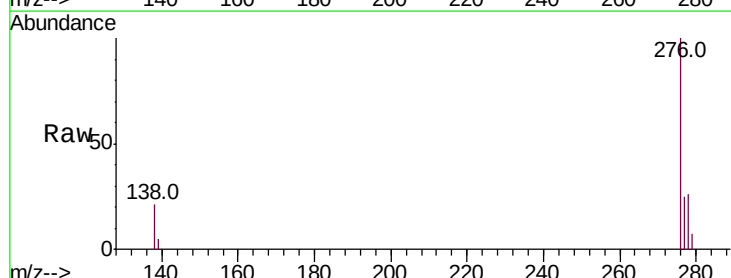
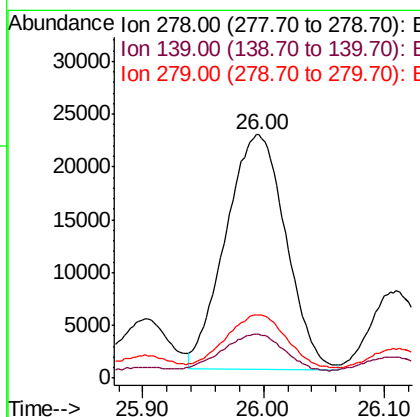
Manual Integrations
 APPROVED

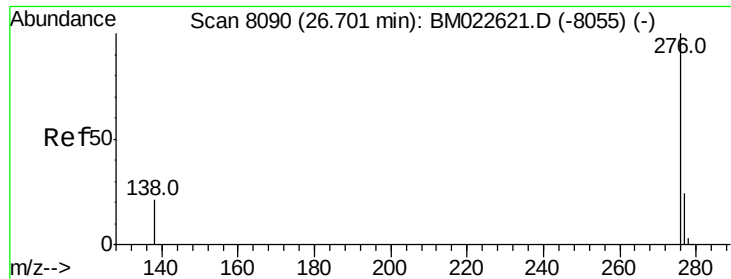
mohammad
 9/11/2019 8:21:27 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.352 ng/ul
 RT: 26.00 min Scan# 7799
 Delta R.T. -0.01 min
 Lab File: BM022624.D
 Acq: 10 Sep 2019 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	77272		
139	17.9		13.8	20.6
279	25.7		21.3	31.9





#26
 Benzo(a,h,i)perylene
 Concen: 0.969 ng/ul
 RT: 26.70 min Scan# 8088
 Delta R.T. -0.00 min
 Lab File: BM022624.D
 Acq: 10 Sep 2019 17:44

Instrument :
 BNA_M
 ClientSampleId :
 CB5P8DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.8	18.2	27.4
277	24.0	19.2	28.8

Manual Integrations
 APPROVED

mohammad
 9/11/2019 8:21:27 AM

