

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
 Data File : BM022123.D
 Acq On : 15 Aug 2019 00:19
 Operator : HP/JU
 Sample : K4304-07DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5N8DL

Manual Integrations
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mohammad
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Quant Time: Aug 15 11:34:27 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	835	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	3415	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.26	164	1770	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.01	188	3934	0.40	ng/ul	-0.02
16) Chrysene-d12	21.21	240	3924	0.40	ng/ul	-0.02
20) Perylene-d12	23.42	264	4198	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	521	0.09	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	1236	0.09	ng/ul	-0.02
Target Compounds					Qvalue	
3) Naphthalene	10.43	128	4614	0.478	ng/ul	96
5) 2-Methylnaphthalene	12.07	142	1604	0.250	ng/ul	96
7) Acenaphthylene	13.97	152	2761	0.334	ng/ul#	84
8) Acenaphthene	14.32	153	4084	0.605	ng/ul	96
9) Fluorene	15.31	166	4190	0.559	ng/ul	97
12) Phenanthrene	17.05	178	67018	5.855	ng/ul	96
13) Anthracene	17.15	178	15707	1.609	ng/ul	95
15) Fluoranthene	19.08	202	111011	7.240	ng/ul	96
17) Pyrene	19.44	202	95830	5.943	ng/ul	99
18) Benzo(a)anthracene	21.20	228	52722	3.756	ng/ul	99
19) Chrysene	21.25	228	50620	2.804	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	67609m	4.776	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	27359m	1.708	ng/ul	
23) Benzo(a)pyrene	23.32	252	46452	3.227	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.62	276	32082	1.866	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.62	278	8395	0.604	ng/ul	94
26) Benzo(g,h,i)perylene	26.30	276	27556	1.781	ng/ul	98

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

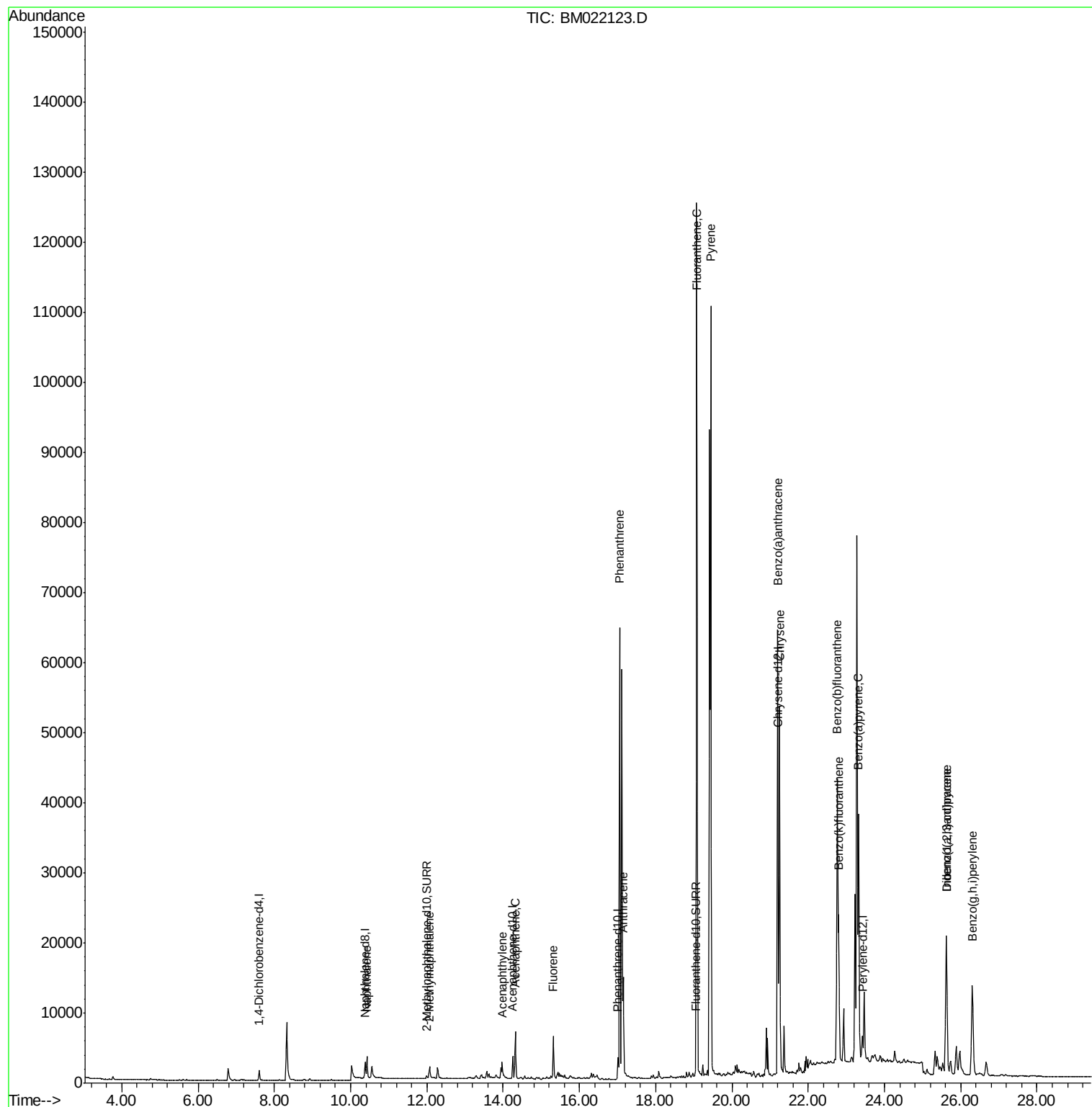
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Data File : BM022123.D
Acq On : 15 Aug 2019 00:19
Operator : HP/JU
Sample : K4304-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

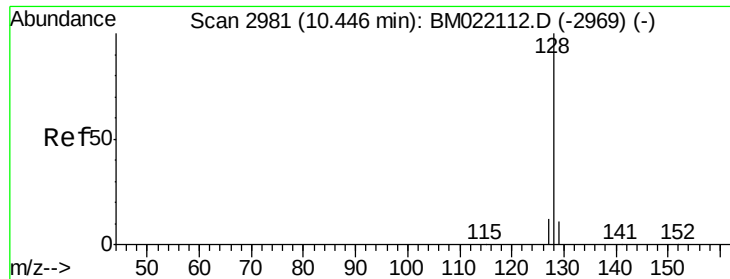
Instrument :
BNA_M
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Quant Time: Aug 15 11:34:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
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QLast Update : Wed Aug 14 13:53:23 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.478 ng/ul

RT: 10.43 min Scan# 2976

Delta R.T. -0.03 min

Lab File: BM022123.D

Acq: 15 Aug 2019 00:19

Instrument :

BNA_M

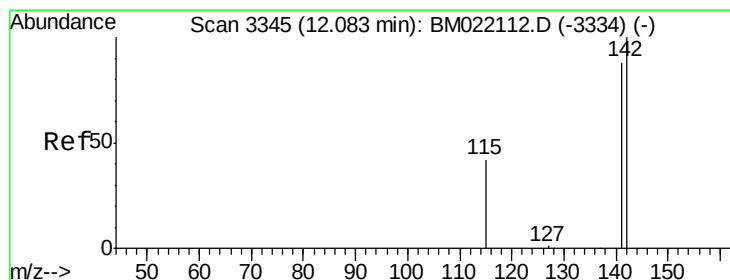
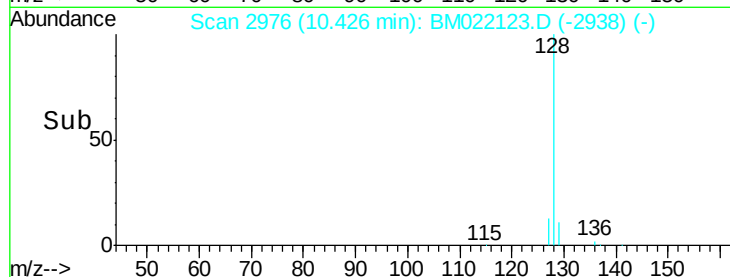
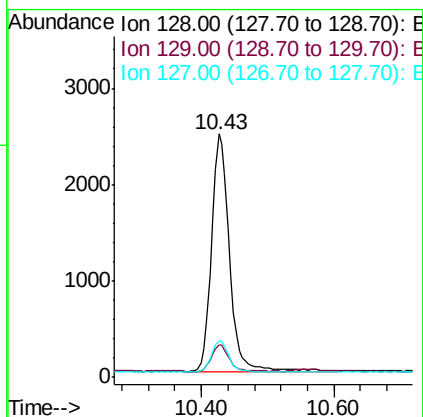
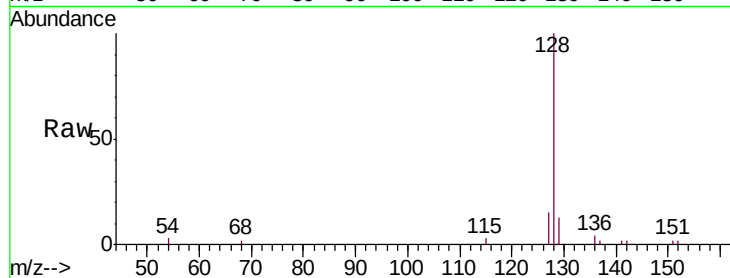
ClientSampleId :

CB5N8DL

Tgt Ion:	128	Resp:	4614
Ion	Ratio	Lower	Upper
128	100		
129	13.5	12.3	18.5
127	14.9	13.0	19.6

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#5

2-Methylnaphthalene

Concen: 0.250 ng/ul

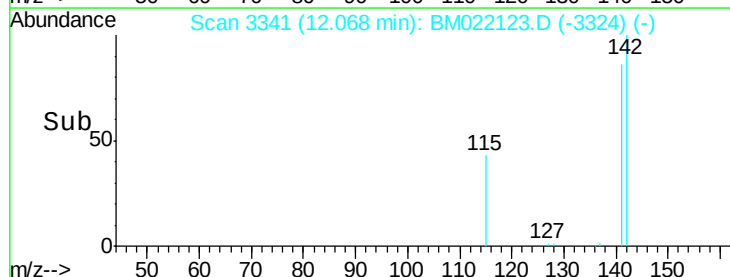
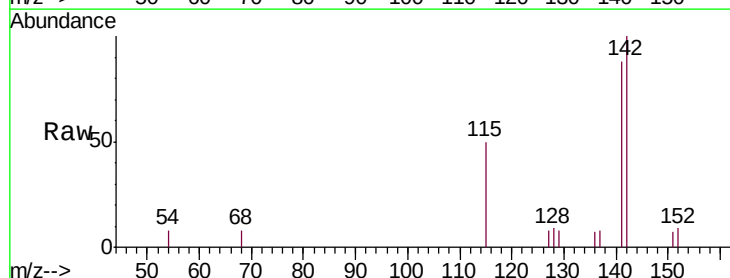
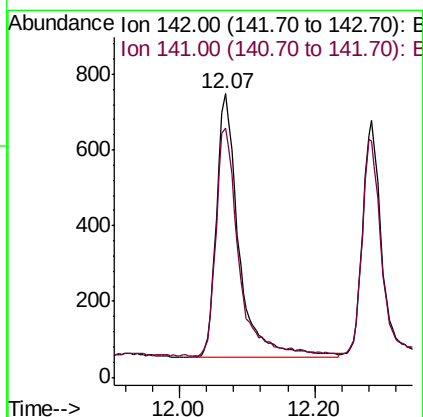
RT: 12.07 min Scan# 3341

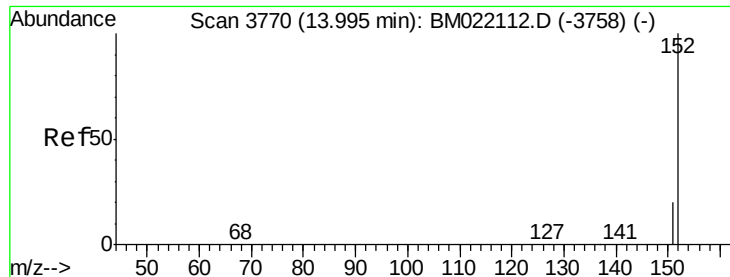
Delta R.T. -0.02 min

Lab File: BM022123.D

Acq: 15 Aug 2019 00:19

Tgt Ion:	142	Resp:	1604
Ion	Ratio	Lower	Upper
142	100		
141	88.7	74.3	111.5





#7

Acenaphthylene

Concen: 0.334 ng/ul

RT: 13.97 min Scan# 3765

Delta R.T. -0.02 min

Lab File: BM022123.D

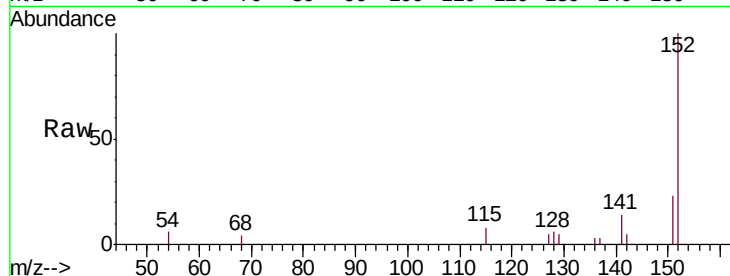
Acq: 15 Aug 2019 00:19

Instrument :

BNA_M

ClientSampleId :

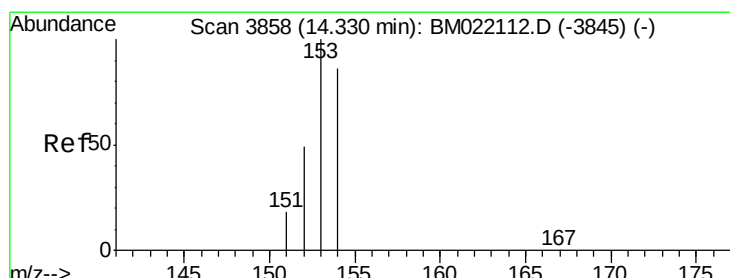
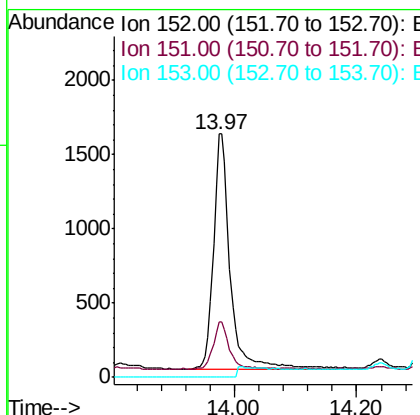
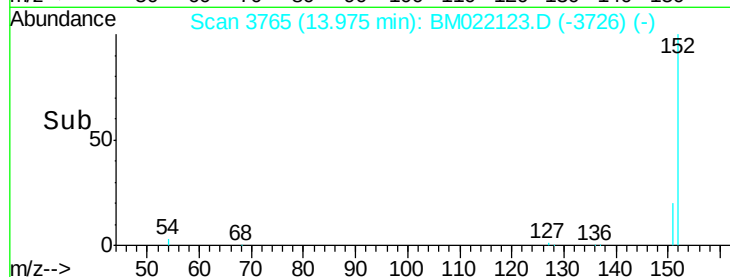
CB5N8DL



Tgt Ion:	152	Resp:	2761
Ion Ratio	Lower	Upper	
152	100		
151	22.6	18.3	27.5
153	0.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.605 ng/ul

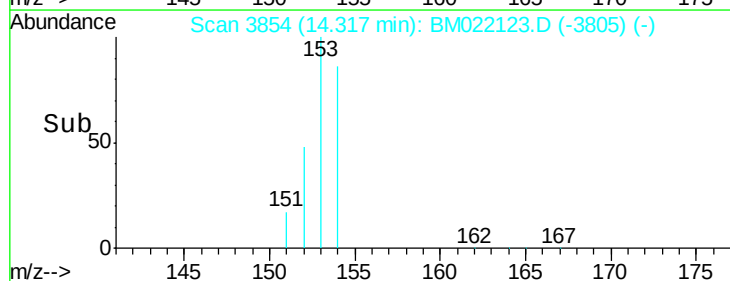
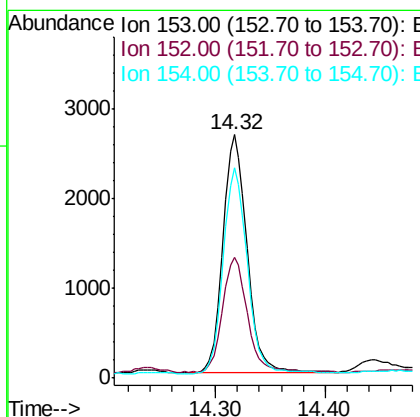
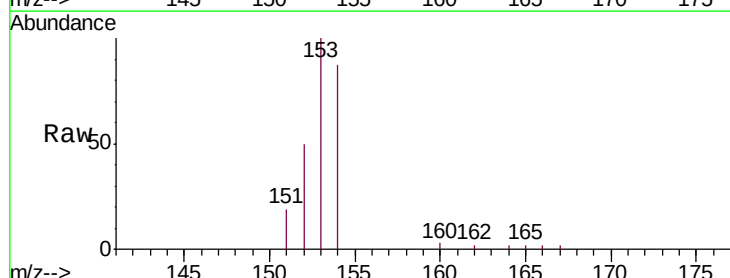
RT: 14.32 min Scan# 3854

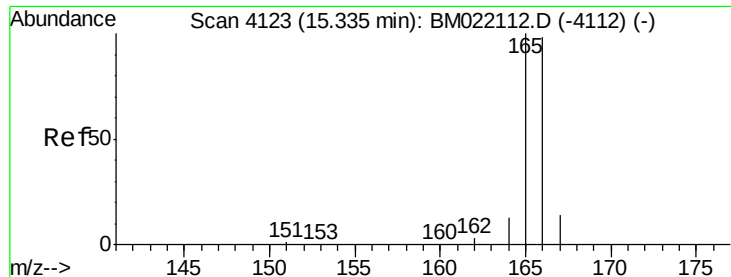
Delta R.T. -0.02 min

Lab File: BM022123.D

Acq: 15 Aug 2019 00:19

Tgt Ion:	153	Resp:	4084
Ion Ratio	Lower	Upper	
153	100		
152	49.8	41.3	61.9
154	86.6	72.3	108.5





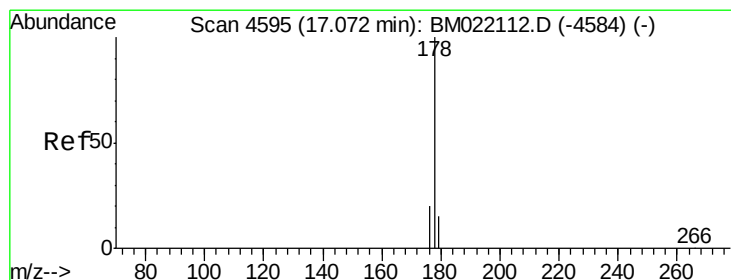
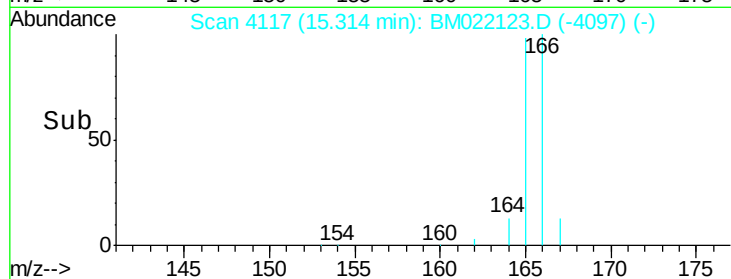
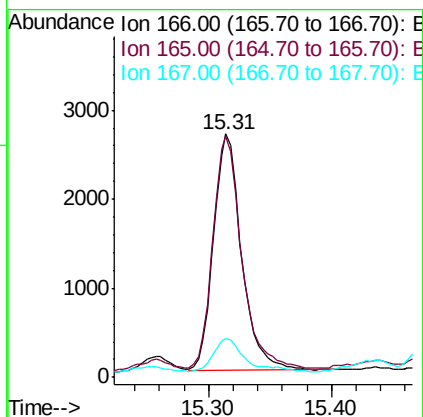
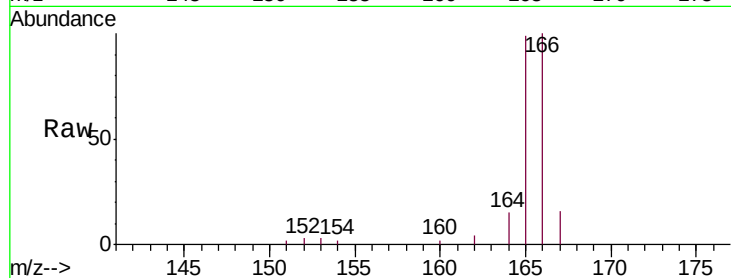
#9
Fluorene
 Concen: 0.559 ng/ul
 RT: 15.31 min Scan# 4117
 Delta R.T. -0.02 min
 Lab File: BM022123.D
 Acq: 15 Aug 2019 00:19

Instrument :
 BNA_M
 ClientSampleId :
 CB5N8DL

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	81.4	122.0
167	16.0	13.7	20.5

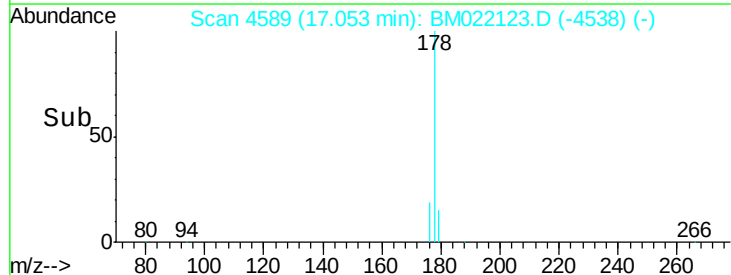
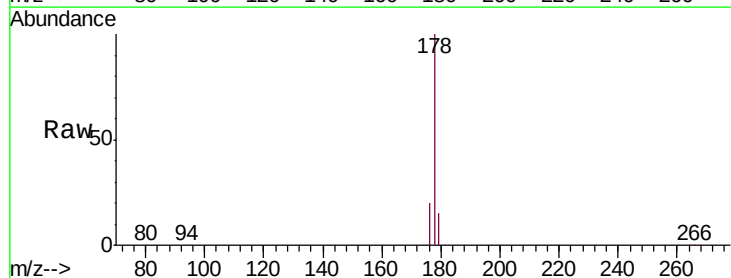
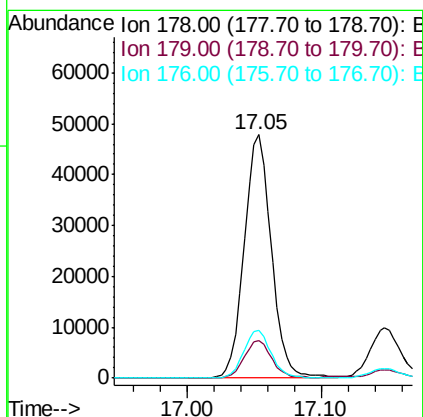
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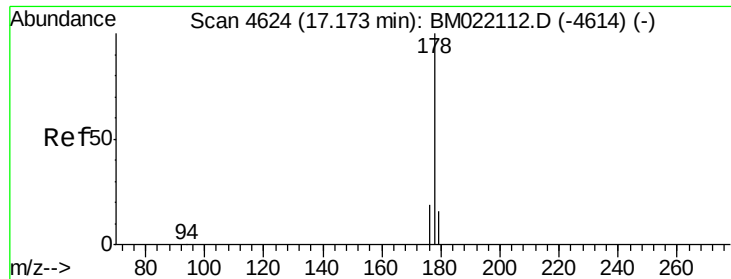
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#12
Phenanthrene
 Concen: 5.855 ng/ul
 RT: 17.05 min Scan# 4589
 Delta R.T. -0.02 min
 Lab File: BM022123.D
 Acq: 15 Aug 2019 00:19

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	14.2	21.2
176	19.5	16.8	25.2





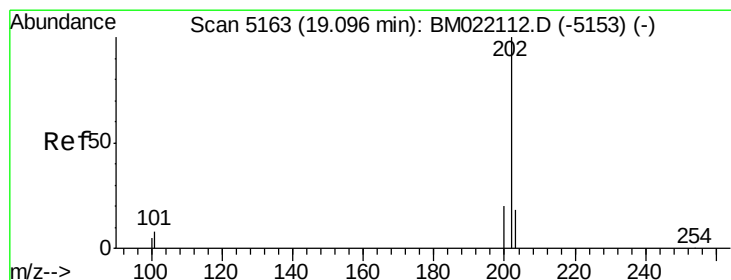
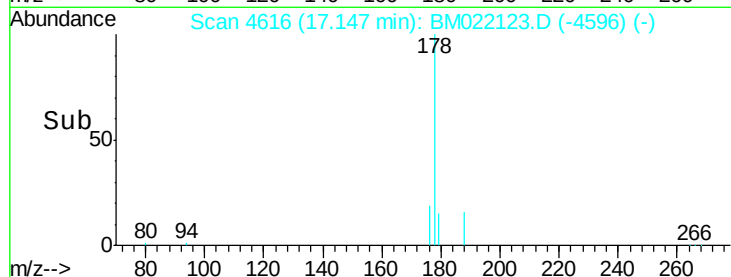
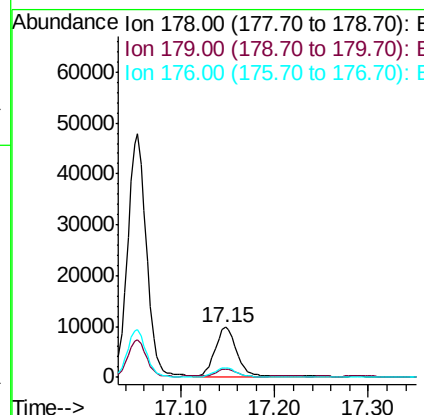
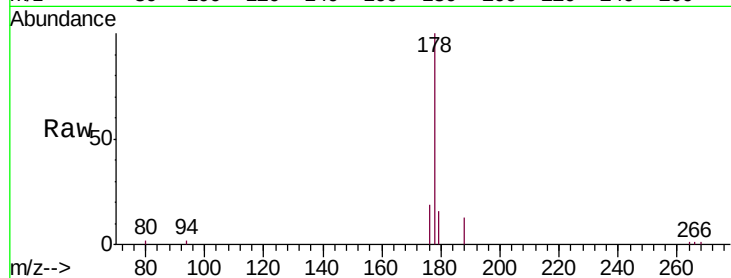
#13
 Anthracene
 Concen: 1.609 ng/ul
 RT: 17.15 min Scan# 4616
 Delta R.T. -0.03 min
 Lab File: BM022123.D
 Acq: 15 Aug 2019 00:19

Instrument :
 BNA_M
 ClientSampleId :
 CB5N8DL

Tgt Ion:178 Resp: 15707
 Ion Ratio Lower Upper
 178 100
 179 16.3 15.5 23.3
 176 19.4 16.6 25.0

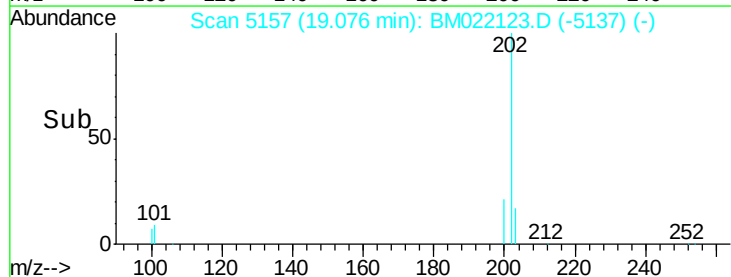
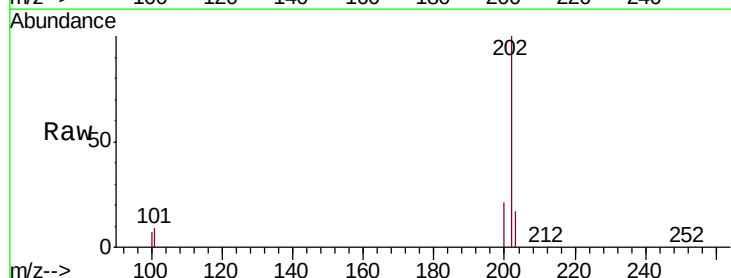
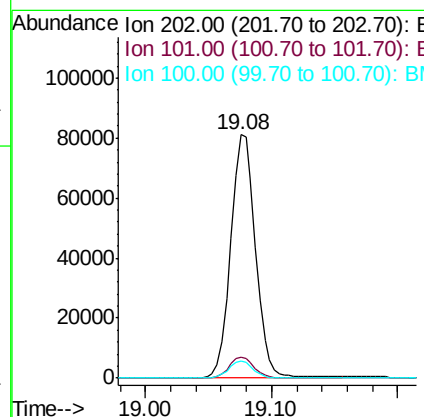
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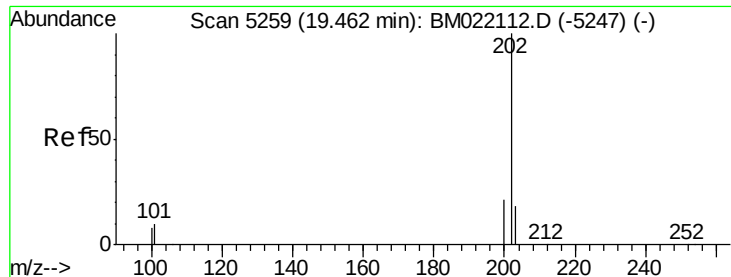
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#15
 Fluoranthene
 Concen: 7.240 ng/ul
 RT: 19.08 min Scan# 5157
 Delta R.T. -0.02 min
 Lab File: BM022123.D
 Acq: 15 Aug 2019 00:19

Tgt Ion:202 Resp: 111011
 Ion Ratio Lower Upper
 202 100
 101 8.8 0.0 30.2
 100 6.9 0.0 28.1





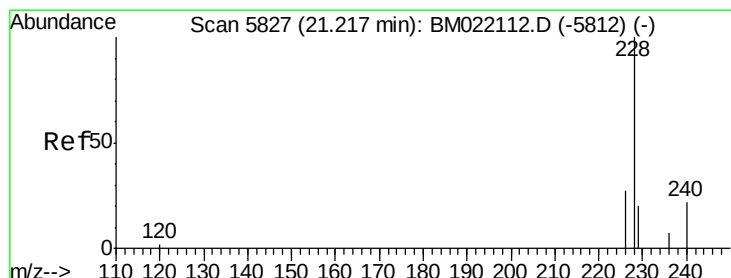
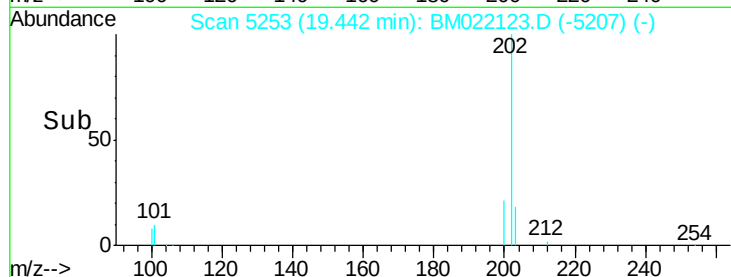
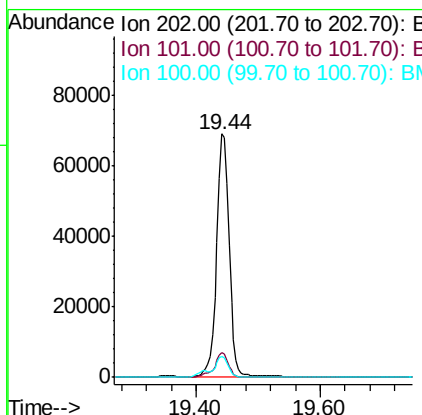
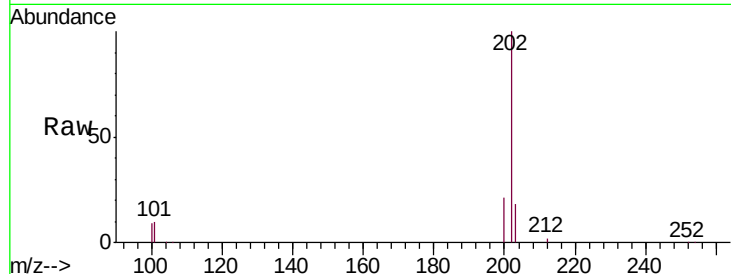
#17
Pyrene
 Concen: 5.943 ng/ul
 RT: 19.44 min Scan# 5253
 Delta R.T. -0.02 min
 Lab File: BM022123.D
 Acq: 15 Aug 2019 00:19

Instrument :
 BNA_M
 ClientSampleId :
 CB5N8DL

Tgt Ion:	202	Resp:	95830
Ion Ratio	Lower	Upper	
202	100		
101	10.2	8.3	12.5
100	8.6	7.2	10.8

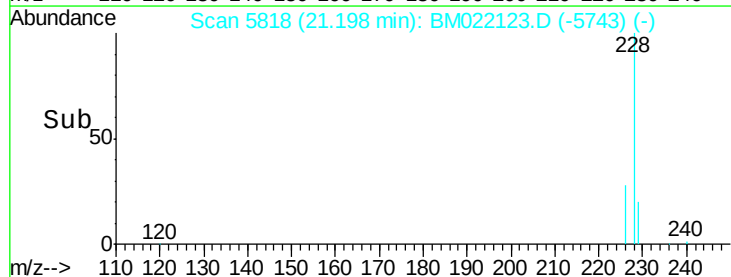
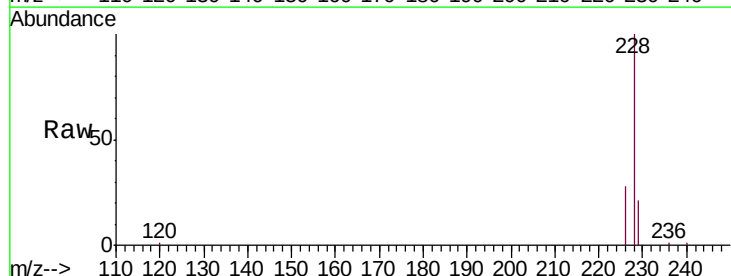
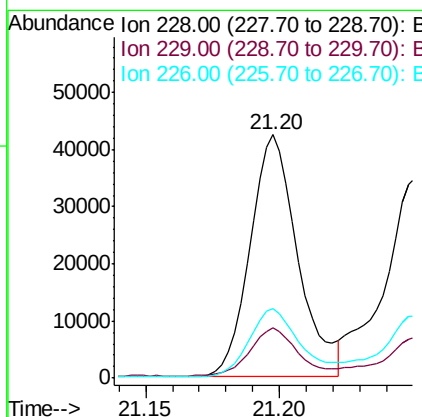
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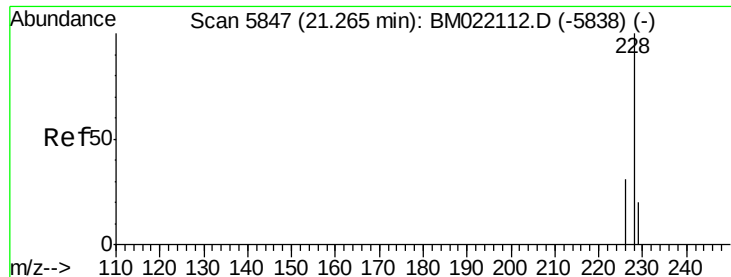
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#18
Benzo(a)anthracene
 Concen: 3.756 ng/ul
 RT: 21.20 min Scan# 5818
 Delta R.T. -0.02 min
 Lab File: BM022123.D
 Acq: 15 Aug 2019 00:19

Tgt Ion:	228	Resp:	52722
Ion Ratio	Lower	Upper	
228	100		
229	20.6	17.2	25.8
226	28.5	22.6	34.0





#19

Chrysene

Concen: 2.804 ng/ul

RT: 21.25 min Scan# 5840

Delta R.T. -0.02 min

Lab File: BM022123.D

Acq: 15 Aug 2019 00:19

Instrument :

BNA_M

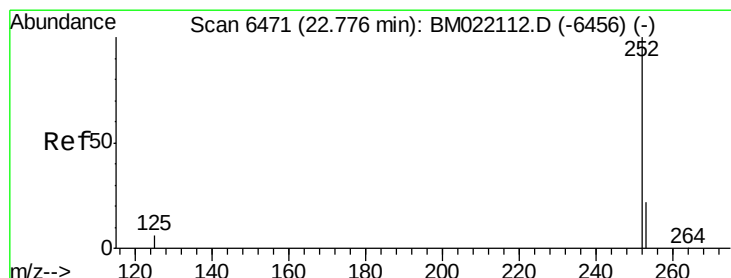
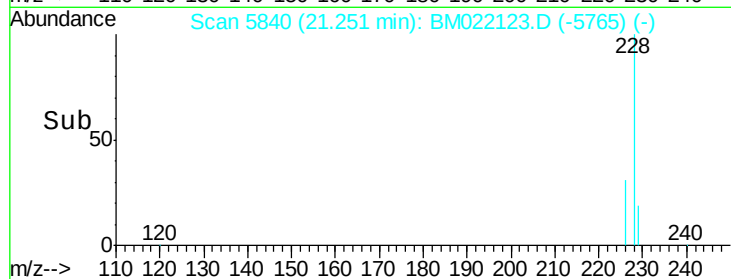
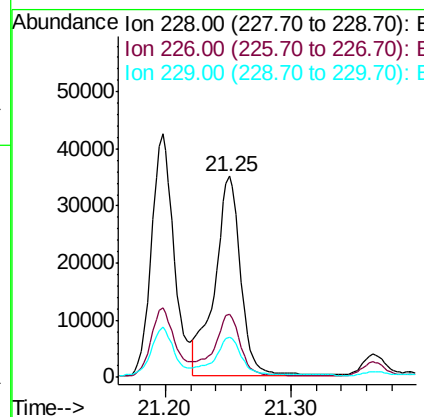
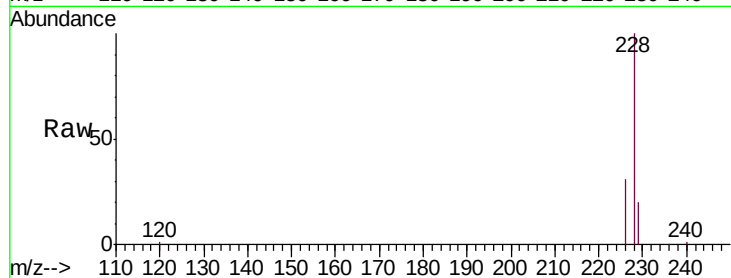
ClientSampled :

CB5N8DL

Tgt Ion:	228	Resp:	50620
Ion Ratio	Lower	Upper	
228	100		
226	31.4	24.9	37.3
229	20.1	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 4.776 ng/ul m

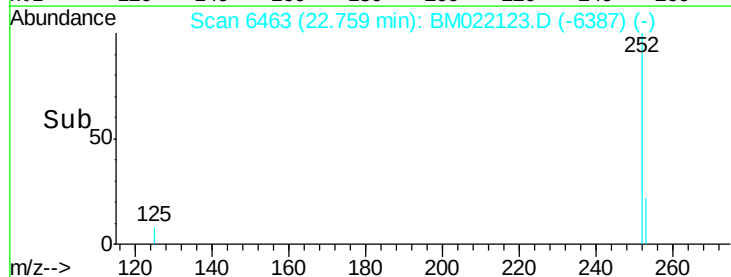
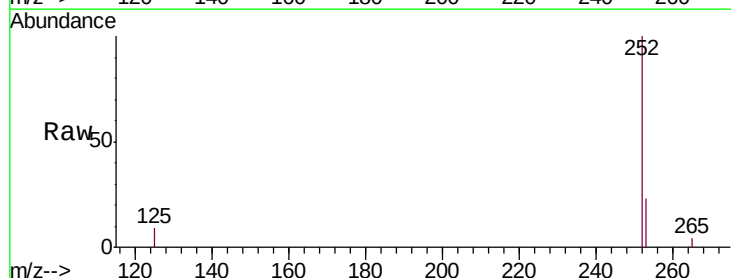
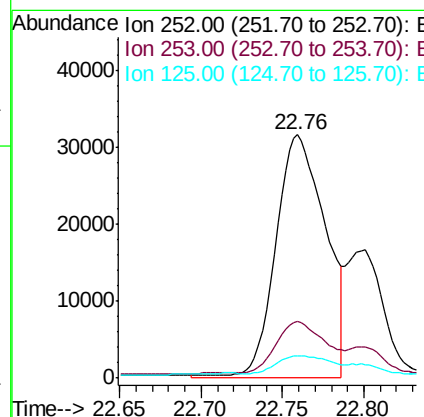
RT: 22.76 min Scan# 6463

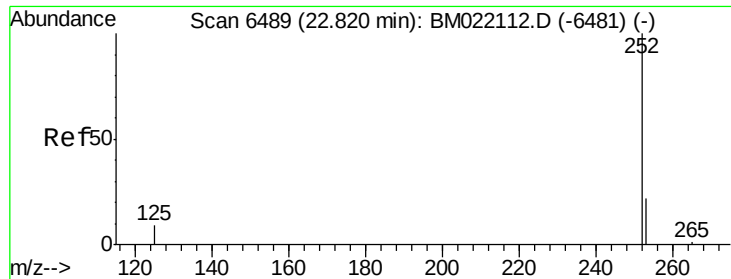
Delta R.T. -0.02 min

Lab File: BM022123.D

Acq: 15 Aug 2019 00:19

Tgt Ion:	252	Resp:	67609
Ion Ratio	Lower	Upper	
252	100		
253	23.2	0.0	67.4
125	9.3	0.0	31.0





#22

Benzo(k)fluoranthene

Concen: 1.708 ng/ul m

RT: 22.80 min Scan# 6480

Delta R.T. -0.02 min

Lab File: BM022123.D

Acq: 15 Aug 2019 00:19

Instrument :

BNA_M

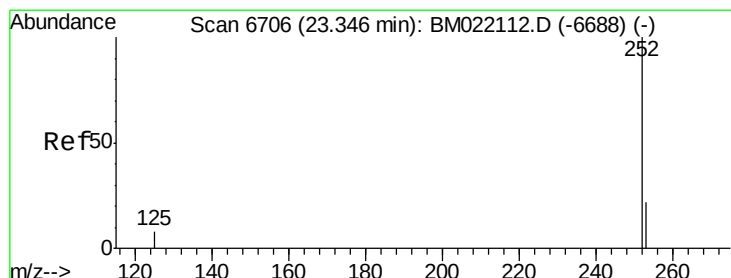
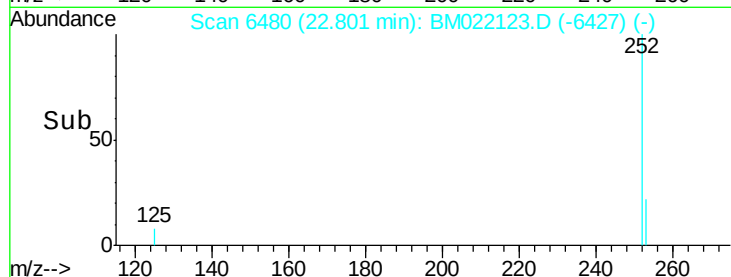
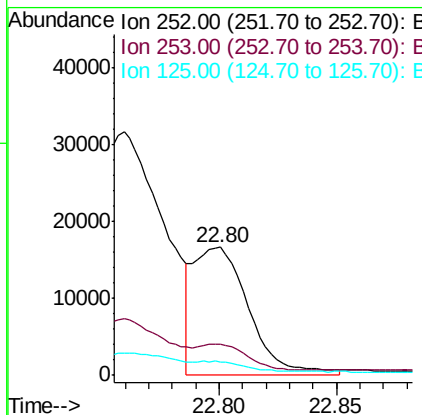
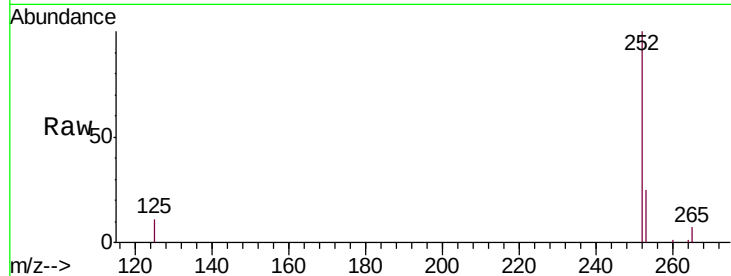
ClientSampleId :

CB5N8DL

Tgt Ion:	252	Resp:	27359
Ion Ratio	Lower	Upper	
252	100		
253	24.7	27.0	40.4#
125	10.5	12.2	18.2#

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#23

Benzo(a)pyrene

Concen: 3.227 ng/ul

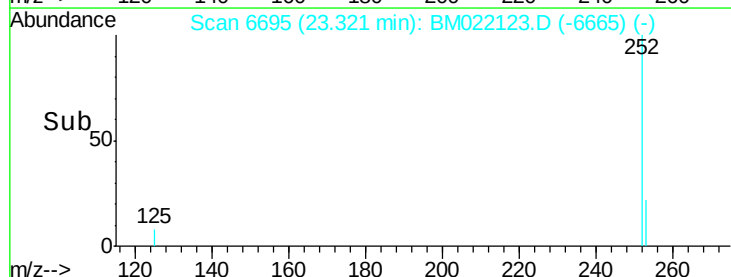
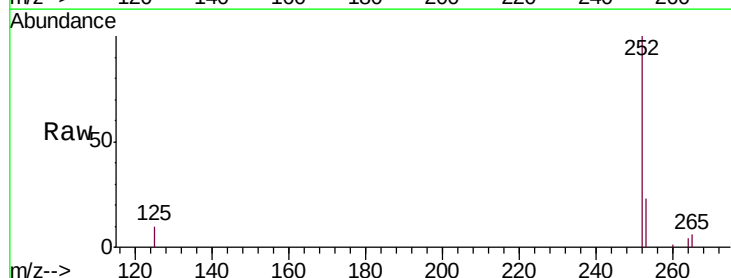
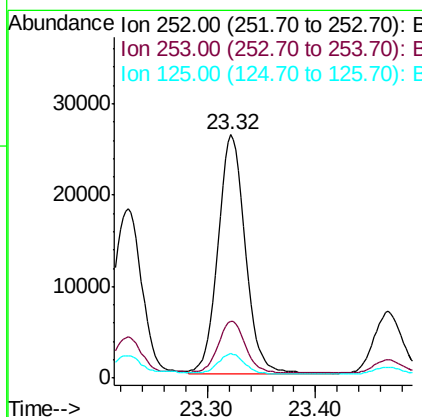
RT: 23.32 min Scan# 6695

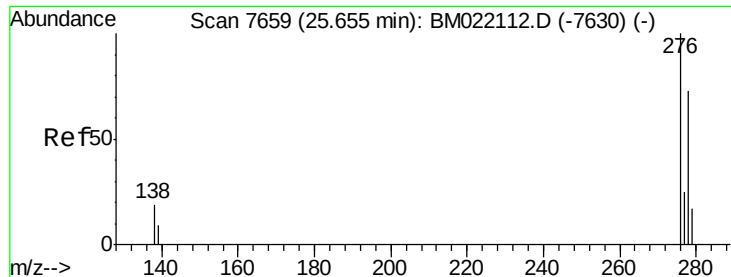
Delta R.T. -0.03 min

Lab File: BM022123.D

Acq: 15 Aug 2019 00:19

Tgt Ion:	252	Resp:	46452
Ion Ratio	Lower	Upper	
252	100		
253	23.3	31.7	47.5#
125	9.9	14.6	21.8#





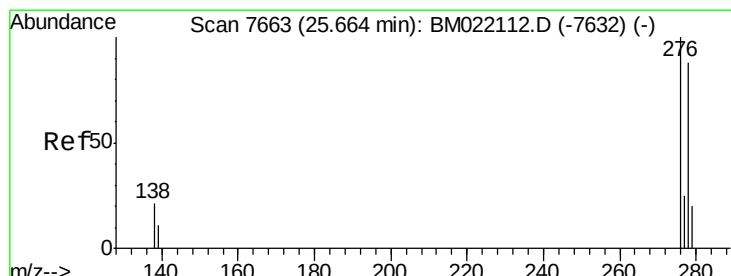
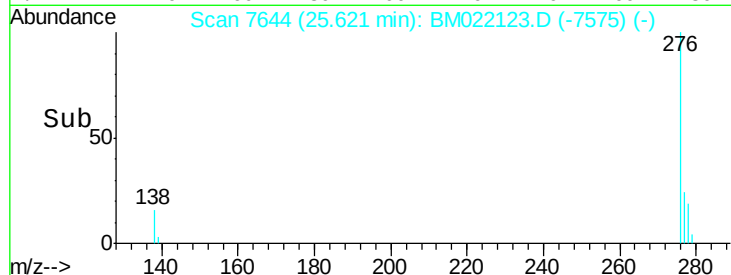
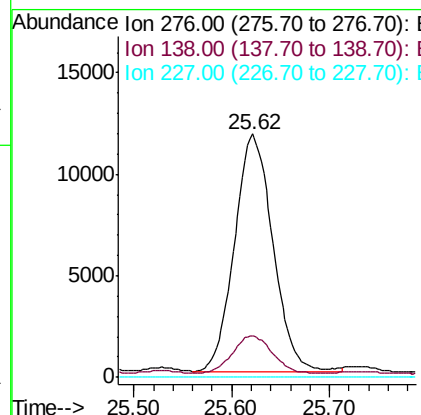
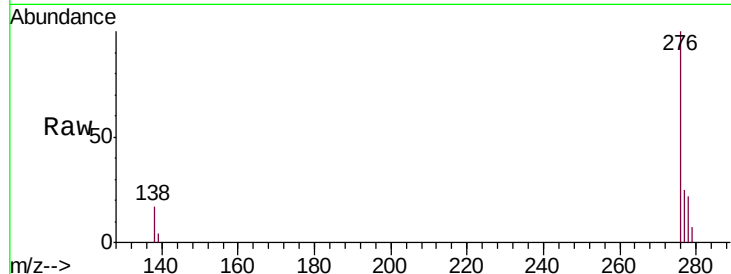
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.866 ng/ul
 RT: 25.62 min Scan# 7644
 Delta R.T. -0.03 min
 Lab File: BM022123.D
 Acq: 15 Aug 2019 00:19

Instrument :
 BNA_M
 ClientSampleId :
 CB5N8DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.3	15.1	22.7
227	0.0	0.0	0.0

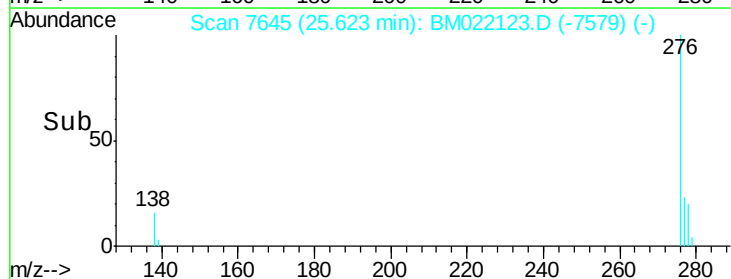
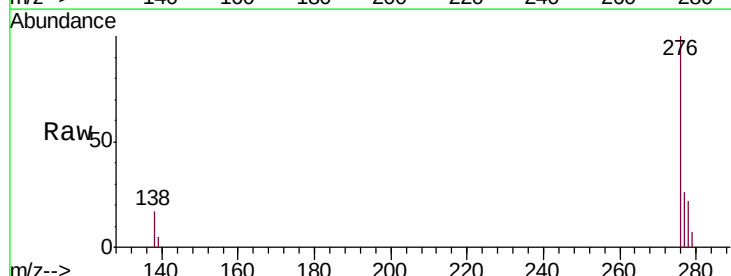
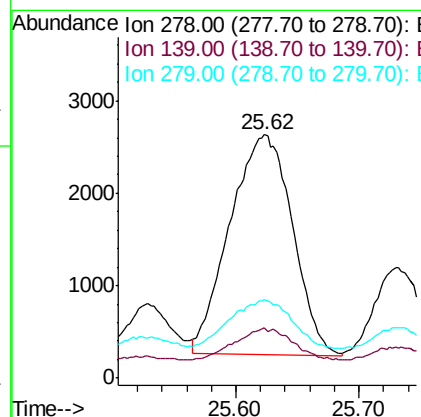
Manual Integrations
 APPROVED

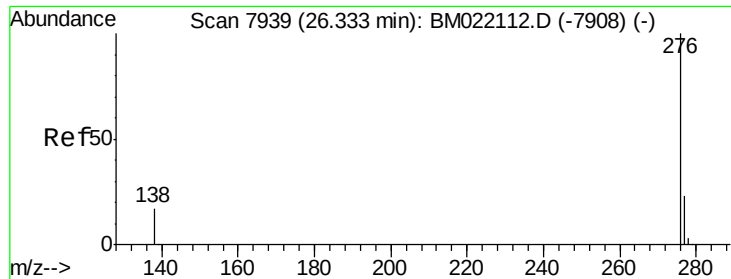
mohammad
 8/15/2019 5:09:49 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.604 ng/ul
 RT: 25.62 min Scan# 7645
 Delta R.T. -0.04 min
 Lab File: BM022123.D
 Acq: 15 Aug 2019 00:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.5	14.2	21.2
279	32.2	28.3	42.5





#26

Benzo(g,h,i)perylene

Concen: 1.781 ng/ul

RT: 26.30 min Scan# 7926

Delta R.T. -0.03 min

Lab File: BM022123.D

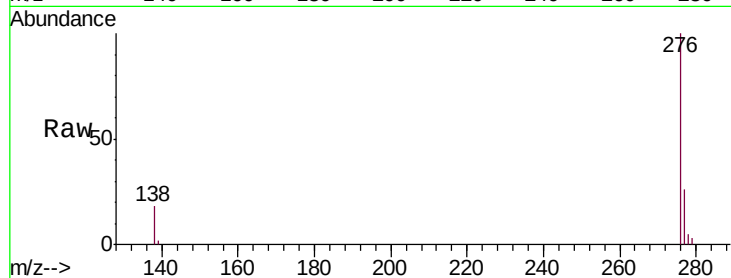
Acq: 15 Aug 2019 00:19

Instrument :

BNA_M

ClientSampleId :

CB5N8DL



Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.3	15.5	23.3
277	25.9	21.4	32.2

Manual Integrations
APPROVED

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