

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
 Data File : BM022128.D
 Acq On : 15 Aug 2019 04:36
 Operator : HP/JU
 Sample : K4304-09DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P0DL

Manual Integrations
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mohammad
 8/15/2019 5:10:05 PM

Quant Time: Aug 15 12:39:05 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	891	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	3703	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	1894	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.01	188	4097	0.40	ng/ul	-0.02
16) Chrysene-d12	21.21	240	4087	0.40	ng/ul	-0.02
20) Perylene-d12	23.42	264	4308	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	321	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	765	0.06	ng/ul	-0.02
Target Compounds				Qvalue		
3) Naphthalene	10.43	128	3184	0.304	ng/ul	98
5) 2-Methylnaphthalene	12.08	142	1112	0.160	ng/ul	97
7) Acenaphthylene	13.98	152	927	0.105	ng/ul#	77
8) Acenaphthene	14.32	153	2076	0.287	ng/ul	97
9) Fluorene	15.32	166	2472	0.308	ng/ul	99
12) Phenanthrene	17.05	178	40317	3.382	ng/ul	96
13) Anthracene	17.15	178	7891	0.776	ng/ul	96
15) Fluoranthene	19.08	202	55089	3.450	ng/ul	96
17) Pyrene	19.45	202	46692	2.780	ng/ul	99
18) Benzo(a)anthracene	21.20	228	24072	1.647	ng/ul	99
19) Chrysene	21.25	228	24235	1.289	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	31567m	2.173	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	10589m	0.644	ng/ul	
23) Benzo(a)pyrene	23.32	252	20175	1.366	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.63	276	13952	0.791	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.63	278	3596	0.252	ng/ul#	85
26) Benzo(g,h,i)perylene	26.31	276	12153	0.765	ng/ul	99

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

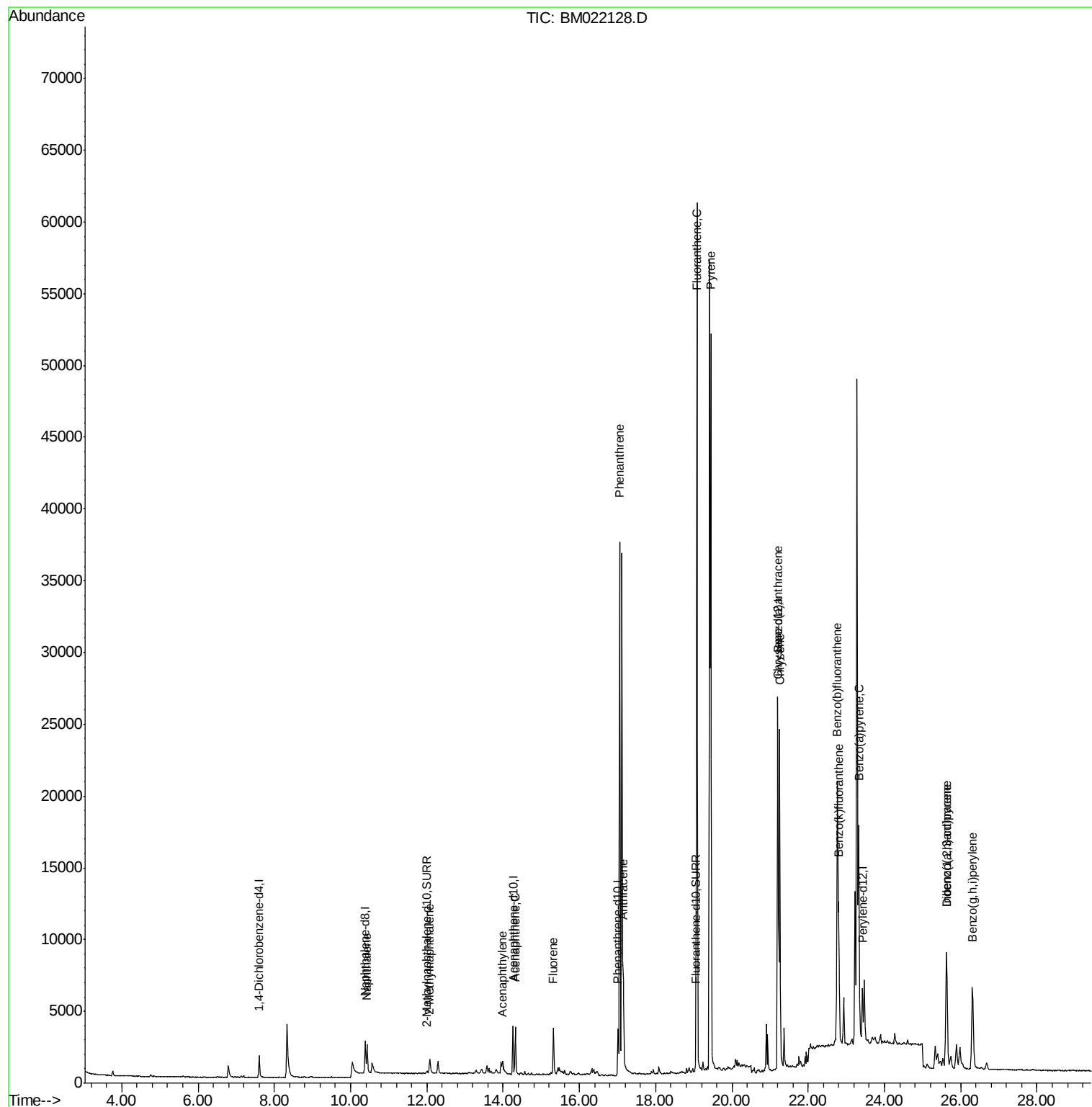
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Data File : BM022128.D
Acq On : 15 Aug 2019 04:36
Operator : HP/JU
Sample : K4304-09DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

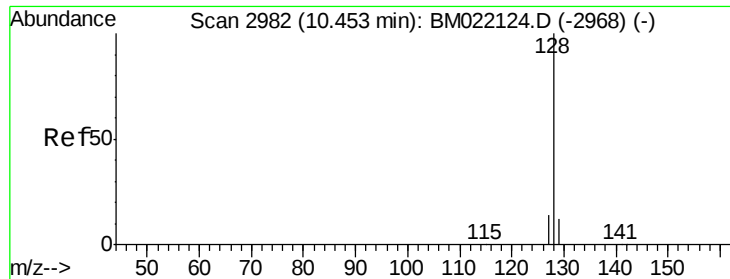
Instrument :
BNA_M
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CB5P0DL

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8/15/2019 5:10:05 PM

Quant Time: Aug 15 12:39:05 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





#3

Naphthalene

Concen: 0.304 ng/ul

RT: 10.43 min Scan# 2977

Delta R.T. -0.02 min

Lab File: BM022128.D

Acq: 15 Aug 2019 04:36

Instrument :

BNA_M

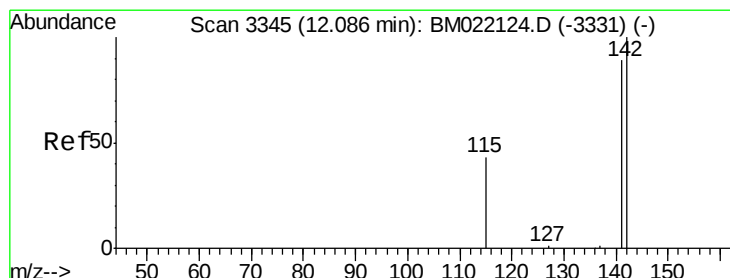
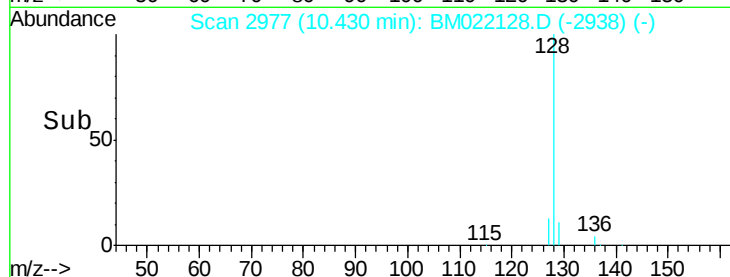
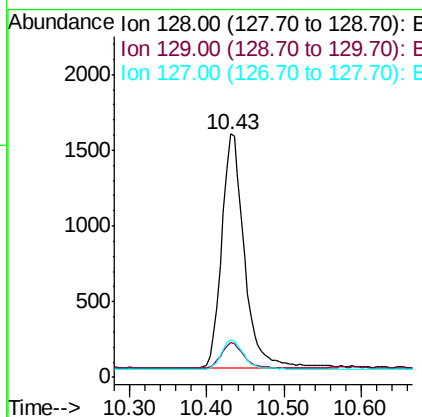
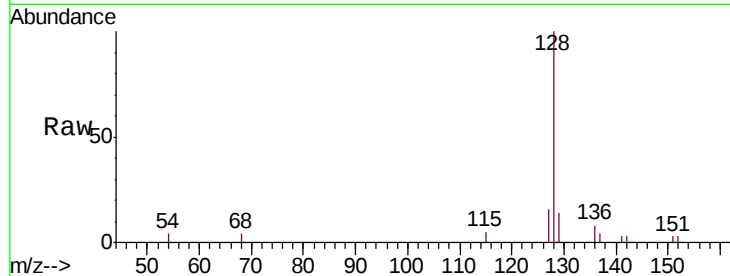
ClientSampleId :

CB5P0DL

Tgt Ion:	128	Resp:	3184
Ion Ratio	Lower	Upper	
128	100		
129	14.2	12.3	18.5
127	15.7	13.0	19.6

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#5

2-Methylnaphthalene

Concen: 0.160 ng/ul

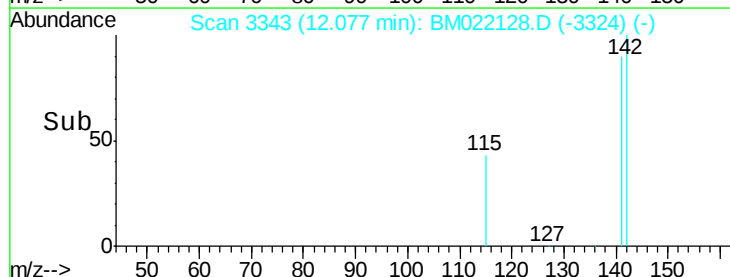
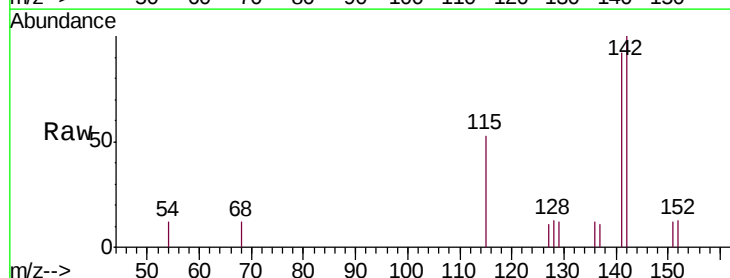
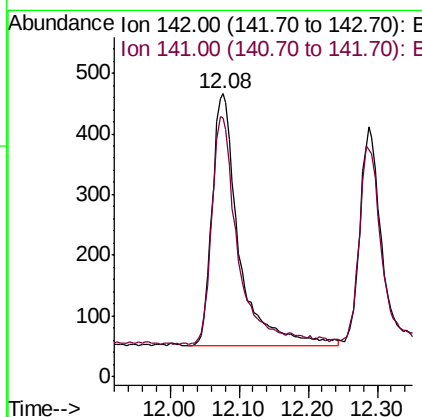
RT: 12.08 min Scan# 3343

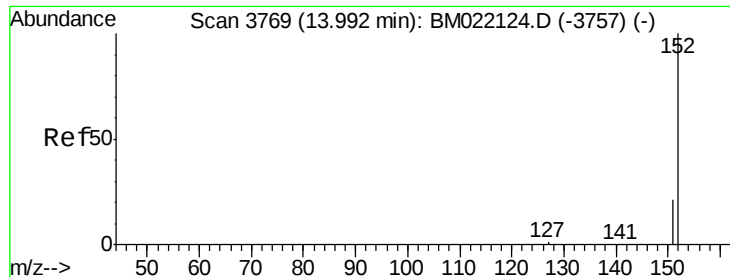
Delta R.T. -0.01 min

Lab File: BM022128.D

Acq: 15 Aug 2019 04:36

Tgt Ion:	142	Resp:	1112
Ion Ratio	Lower	Upper	
142	100		
141	89.7	74.3	111.5





#7

Acenaphthylene

Concen: 0.105 ng/ul

RT: 13.98 min Scan# 3766

Delta R.T. -0.02 min

Lab File: BM022128.D

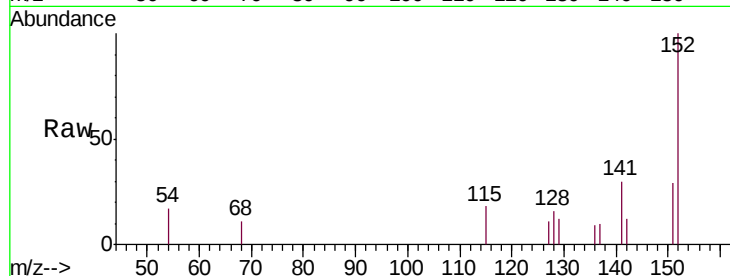
Acq: 15 Aug 2019 04:36

Instrument :

BNA_M

ClientSampleId :

CB5P0DL



Tgt Ion:152 Resp: 927

Ion Ratio Lower Upper

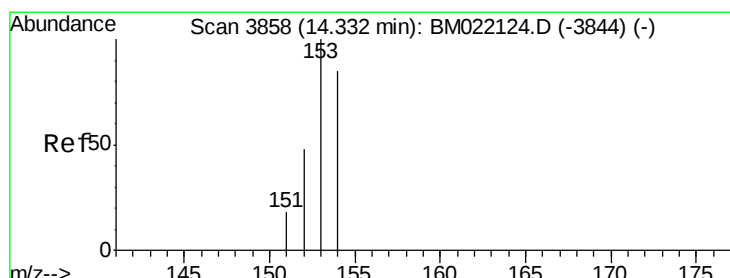
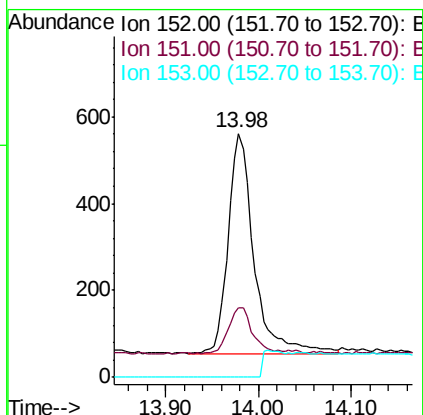
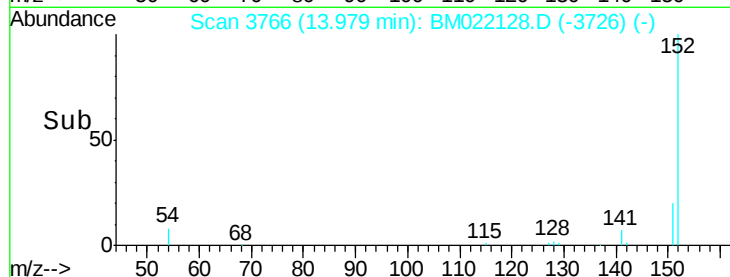
152 100

151 28.7 18.3 27.5#

153 0.0 12.8 19.2#

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#8

Acenaphthene

Concen: 0.287 ng/ul

RT: 14.32 min Scan# 3855

Delta R.T. -0.01 min

Lab File: BM022128.D

Acq: 15 Aug 2019 04:36

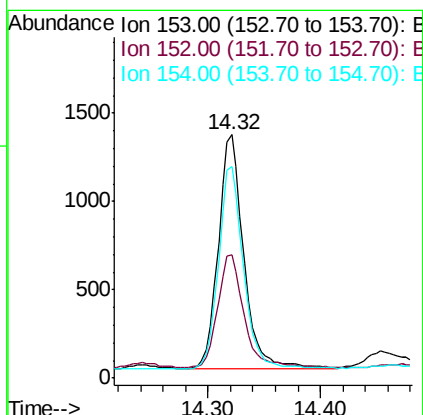
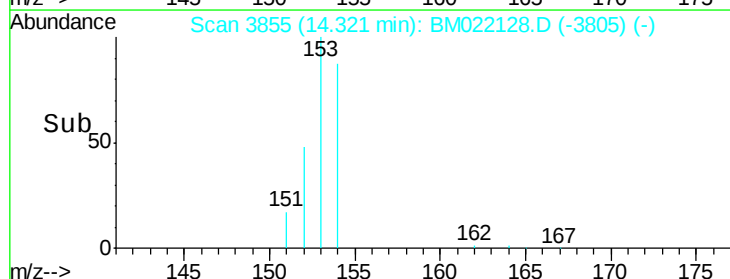
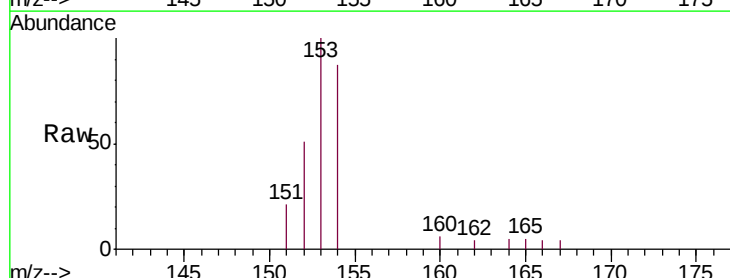
Tgt Ion:153 Resp: 2076

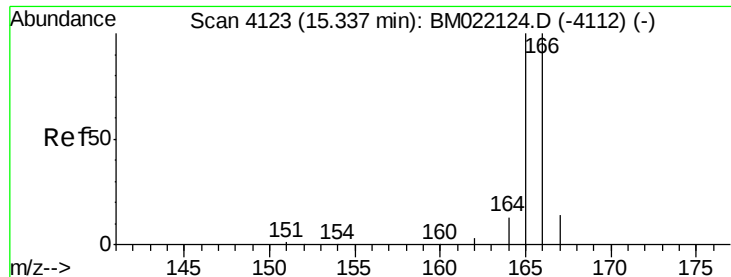
Ion Ratio Lower Upper

153 100

152 50.5 41.3 61.9

154 86.9 72.3 108.5





#9

Fluorene

Concen: 0.308 ng/ul

RT: 15.32 min Scan# 4118

Delta R.T. -0.02 min

Lab File: BM022128.D

Acq: 15 Aug 2019 04:36

Instrument :

BNA_M

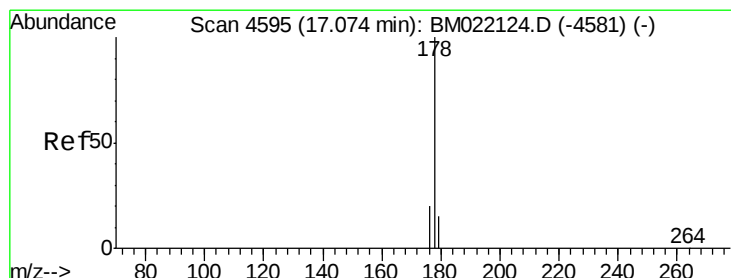
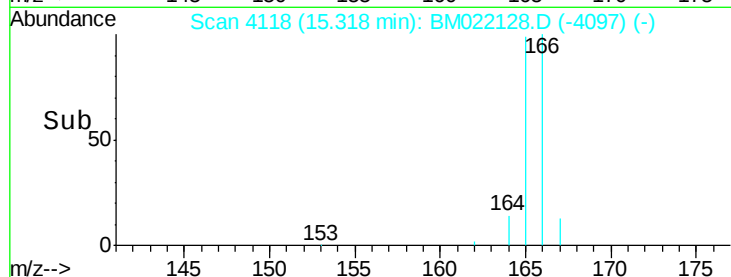
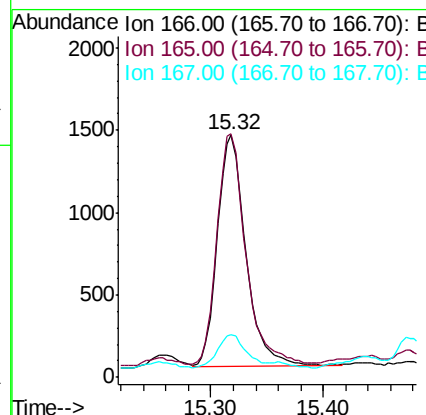
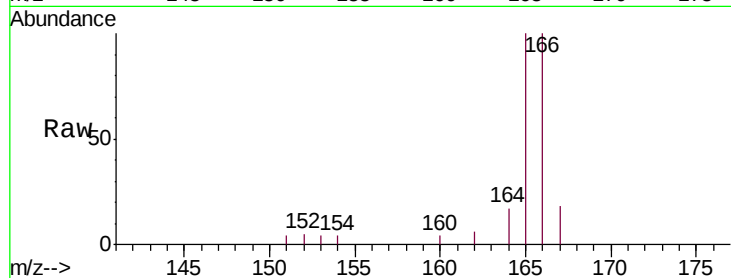
ClientSampleId :

CB5P0DL

Tgt Ion:	166	Resp:	2472
Ion Ratio	Lower	Upper	
166	100		
165	100.5	81.4	122.0
167	17.6	13.7	20.5

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#12

Phenanthrene

Concen: 3.382 ng/ul

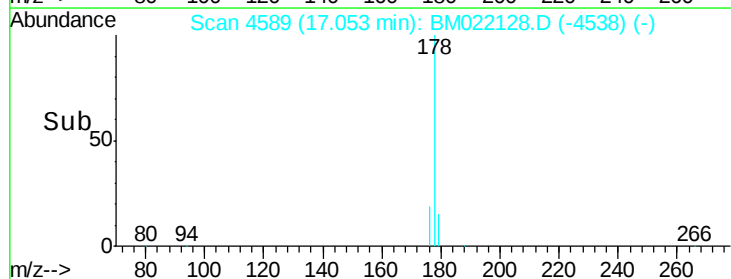
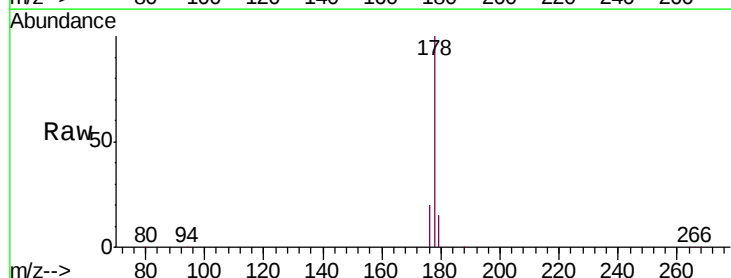
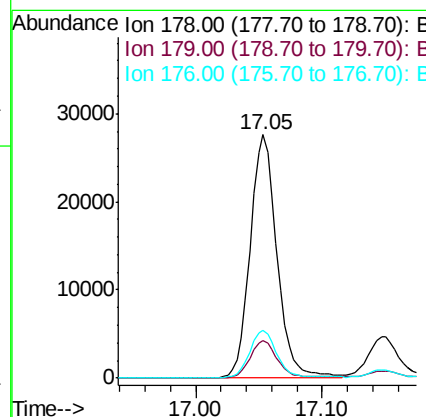
RT: 17.05 min Scan# 4589

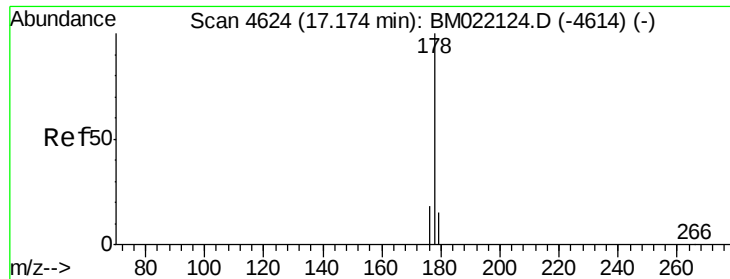
Delta R.T. -0.02 min

Lab File: BM022128.D

Acq: 15 Aug 2019 04:36

Tgt Ion:	178	Resp:	40317
Ion Ratio	Lower	Upper	
178	100		
179	15.5	14.2	21.2
176	19.6	16.8	25.2





#13

Anthracene

Concen: 0.776 ng/ul

RT: 17.15 min Scan# 4617

Delta R.T. -0.03 min

Lab File: BM022128.D

Acq: 15 Aug 2019 04:36

Instrument :

BNA_M

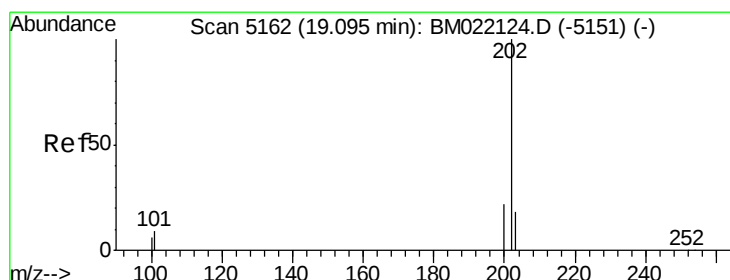
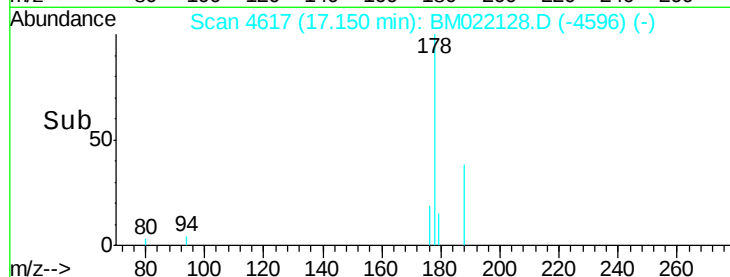
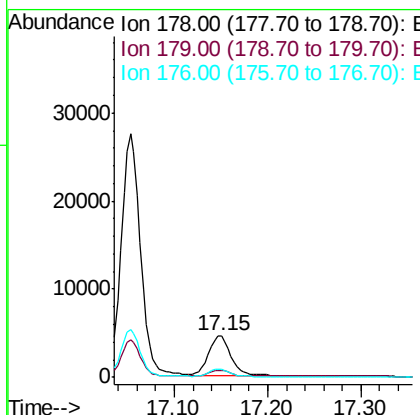
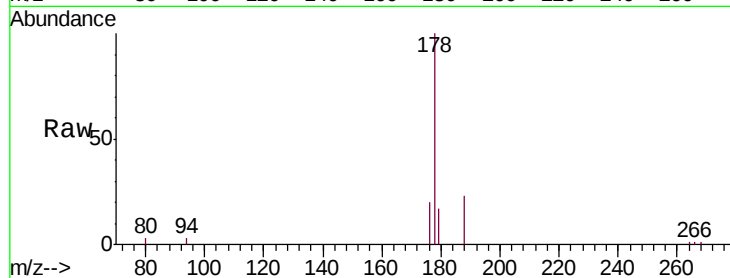
ClientSampleId :

CB5P0DL

Tgt Ion:	178	Resp:	7891
Ion Ratio	Lower	Upper	
178	100		
179	16.5	15.5	23.3
176	20.2	16.6	25.0

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#15

Fluoranthene

Concen: 3.450 ng/ul

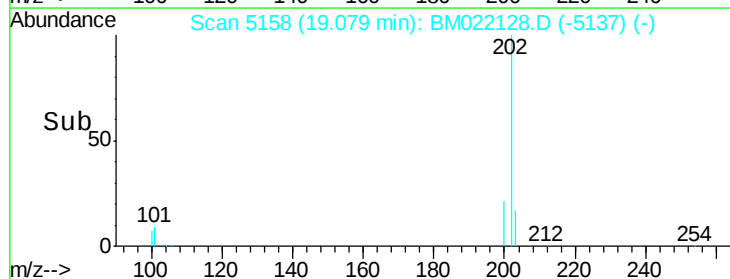
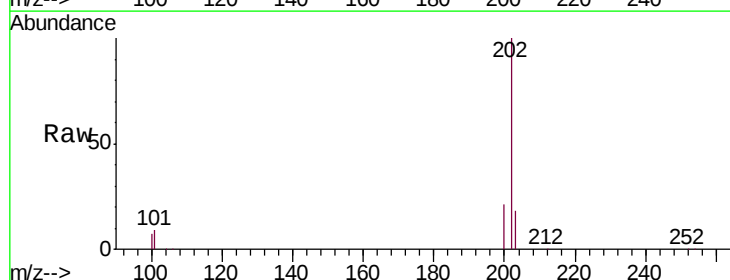
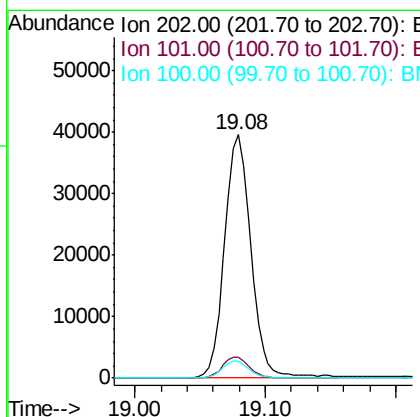
RT: 19.08 min Scan# 5158

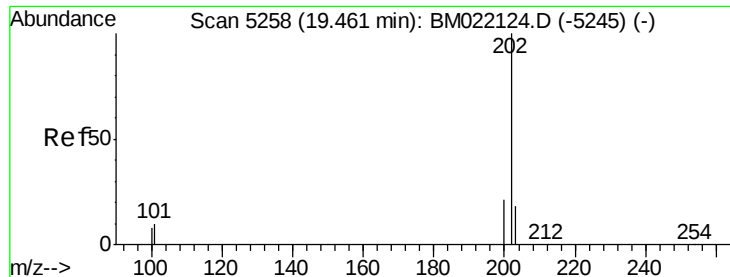
Delta R.T. -0.02 min

Lab File: BM022128.D

Acq: 15 Aug 2019 04:36

Tgt Ion:	202	Resp:	55089
Ion Ratio	Lower	Upper	
202	100		
101	8.7	0.0	30.2
100	6.7	0.0	28.1





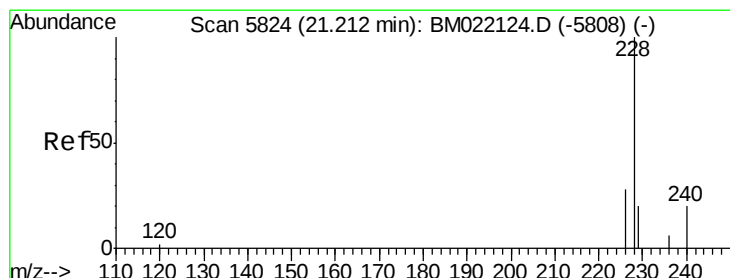
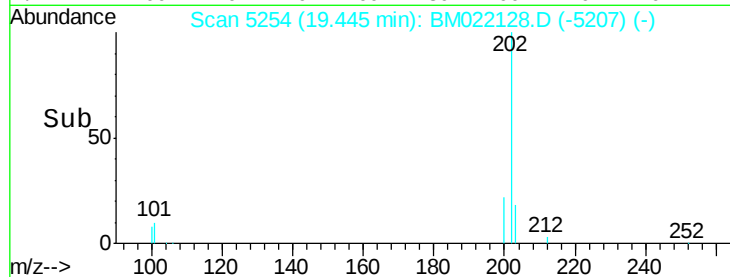
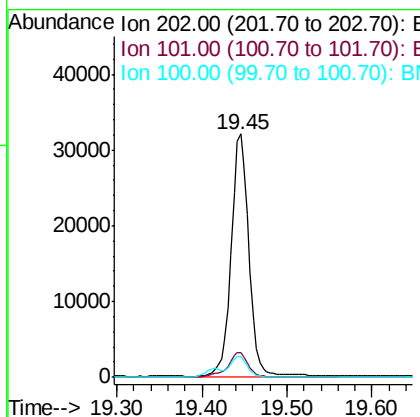
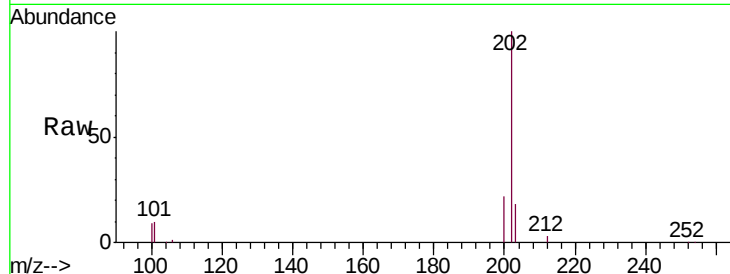
#17
 Pyrene
 Concen: 2.780 ng/ul
 RT: 19.45 min Scan# 5254
 Delta R.T. -0.02 min
 Lab File: BM022128.D
 Acq: 15 Aug 2019 04:36

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:	202	Resp:	46692
Ion Ratio	Lower	Upper	
202	100		
101	10.1	8.3	12.5
100	8.6	7.2	10.8

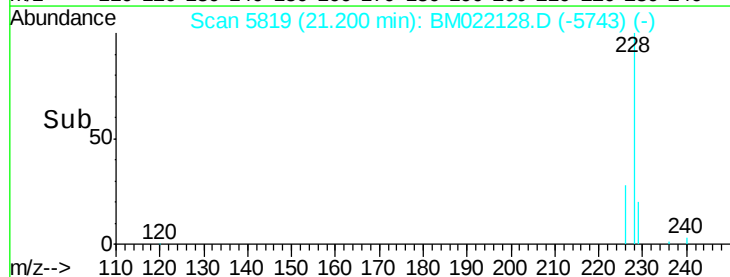
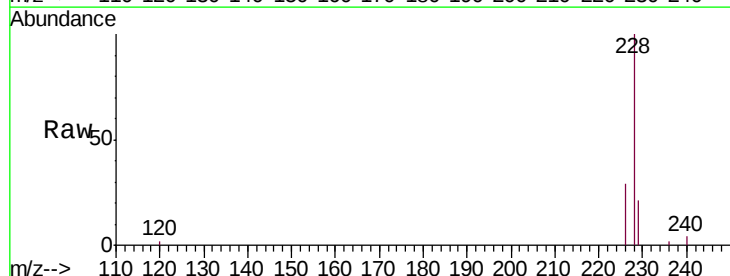
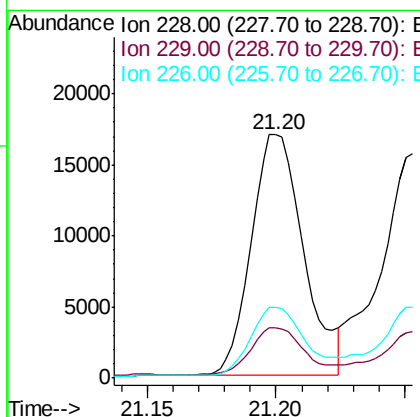
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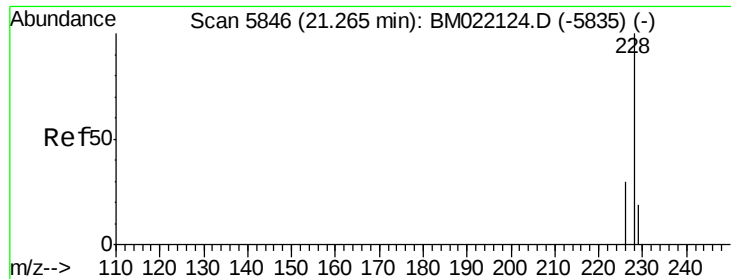
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 8/15/2019 5:10:05 PM



#18
 Benzo(a)anthracene
 Concen: 1.647 ng/ul
 RT: 21.20 min Scan# 5819
 Delta R.T. -0.02 min
 Lab File: BM022128.D
 Acq: 15 Aug 2019 04:36

Tgt Ion:	228	Resp:	24072
Ion Ratio	Lower	Upper	
228	100		
229	20.9	17.2	25.8
226	29.0	22.6	34.0





#19

Chrysene

Concen: 1.289 ng/ul

RT: 21.25 min Scan# 5841

Delta R.T. -0.02 min

Lab File: BM022128.D

Acq: 15 Aug 2019 04:36

Instrument :

BNA_M

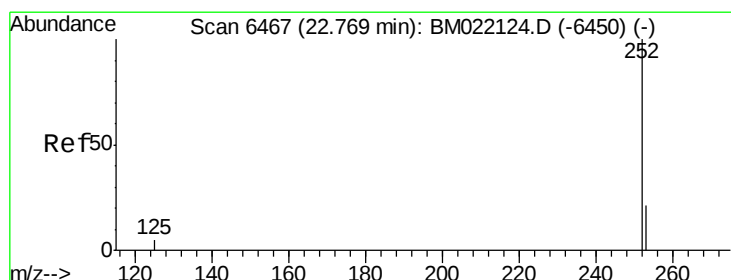
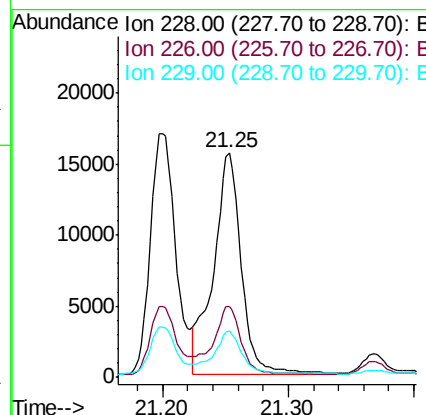
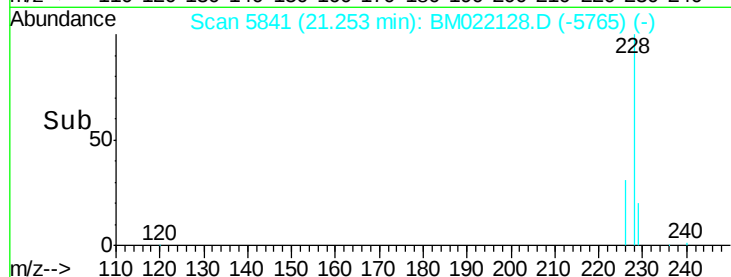
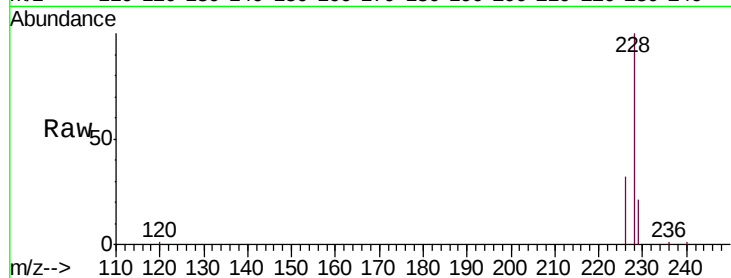
ClientSampleId :

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Tgt Ion:	228	Resp:	24235
Ion Ratio	Lower	Upper	
228	100		
226	31.7	24.9	37.3
229	20.8	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 2.173 ng/ul m

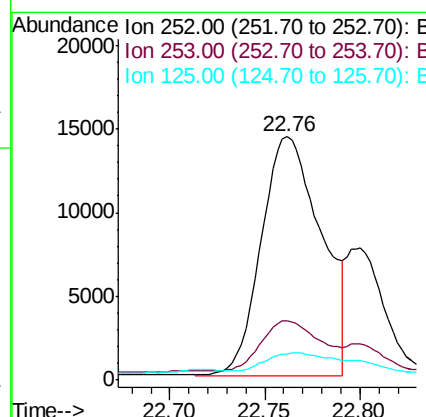
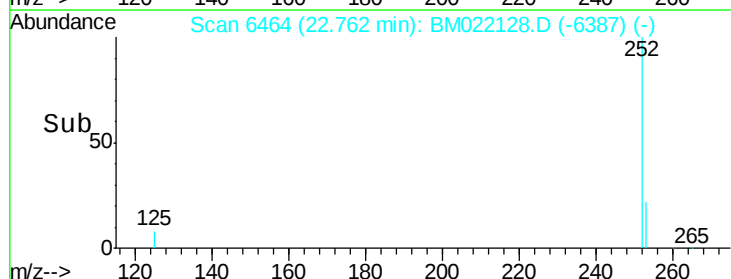
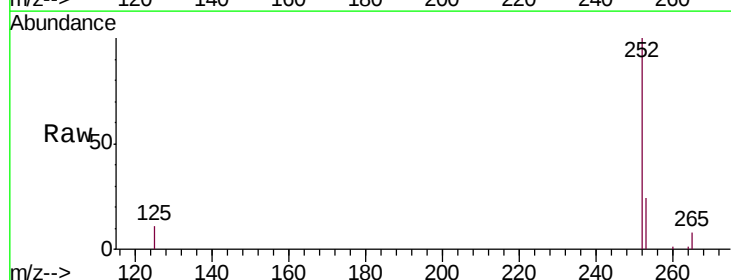
RT: 22.76 min Scan# 6464

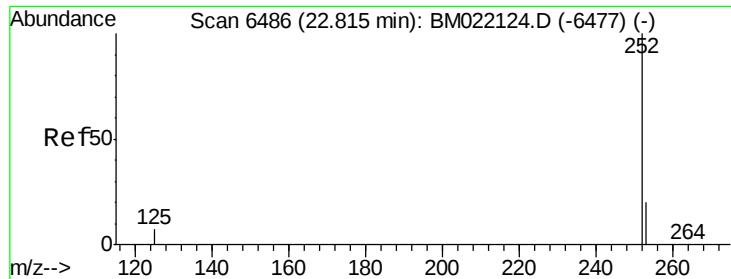
Delta R.T. -0.01 min

Lab File: BM022128.D

Acq: 15 Aug 2019 04:36

Tgt Ion:	252	Resp:	31567
Ion Ratio	Lower	Upper	
252	100		
253	24.4	0.0	67.4
125	10.9	0.0	31.0





#22

Benzo(k)fluoranthene

Concen: 0.644 ng/ul m

RT: 22.80 min Scan# 6480

Delta R.T. -0.02 min

Lab File: BM022128.D

Acq: 15 Aug 2019 04:36

Instrument :

BNA_M

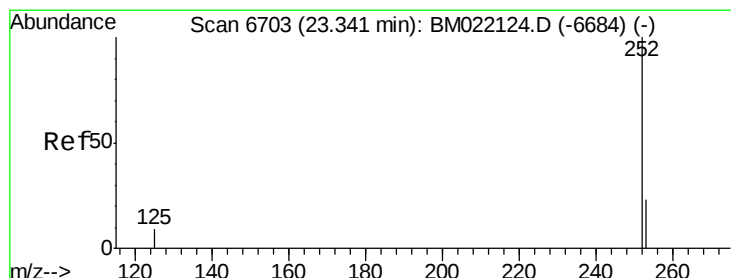
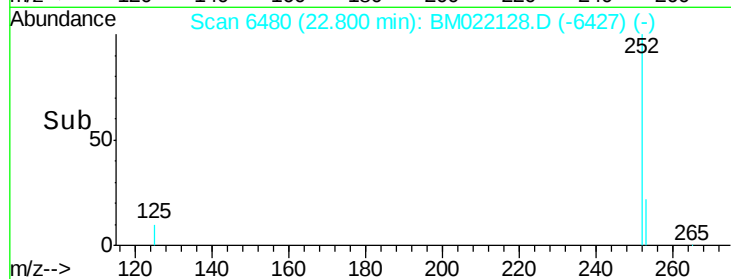
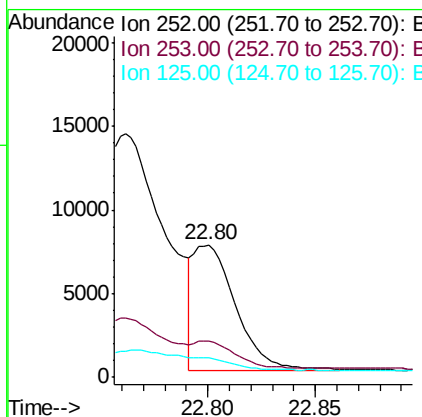
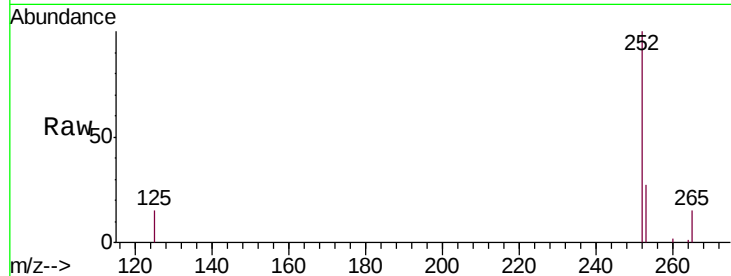
ClientSampleId :

CB5P0DL

Tgt Ion:	252	Resp:	10589
Ion Ratio	Lower	Upper	
252	100		
253	27.2	27.0	40.4
125	14.7	12.2	18.2

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#23

Benzo(a)pyrene

Concen: 1.366 ng/ul

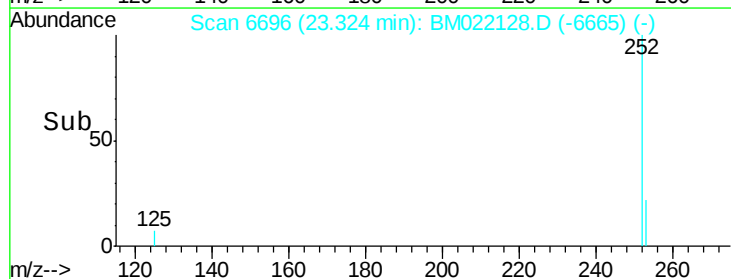
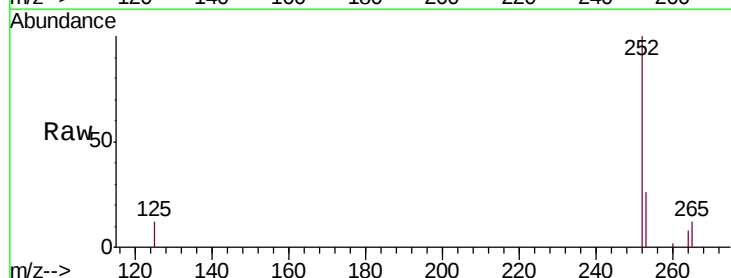
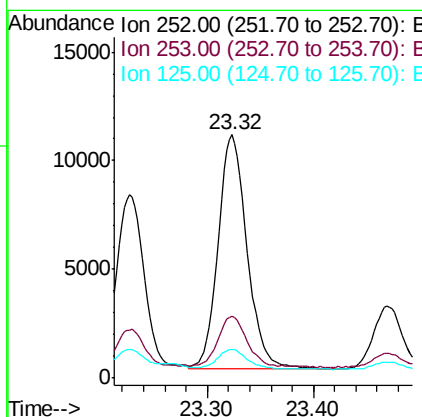
RT: 23.32 min Scan# 6696

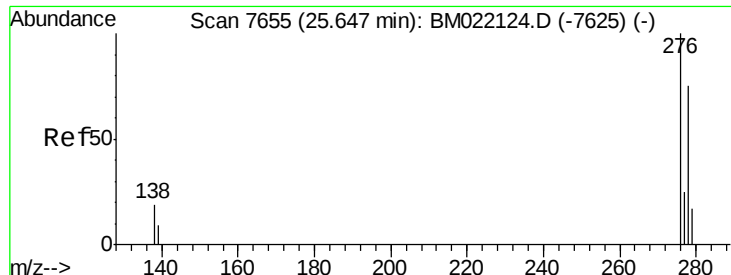
Delta R.T. -0.02 min

Lab File: BM022128.D

Acq: 15 Aug 2019 04:36

Tgt Ion:	252	Resp:	20175
Ion Ratio	Lower	Upper	
252	100		
253	25.6	31.7	47.5#
125	11.8	14.6	21.8#





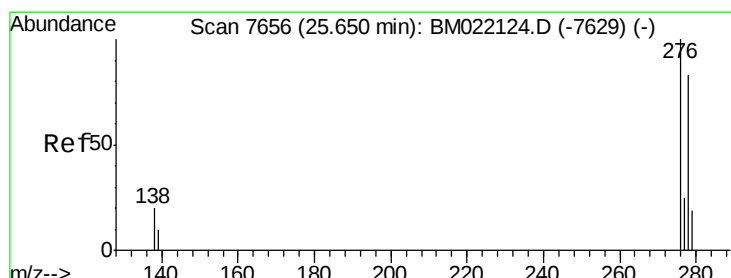
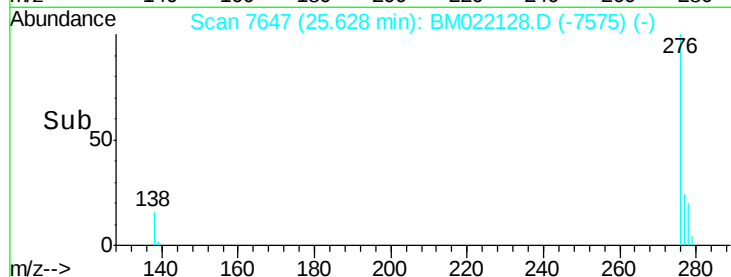
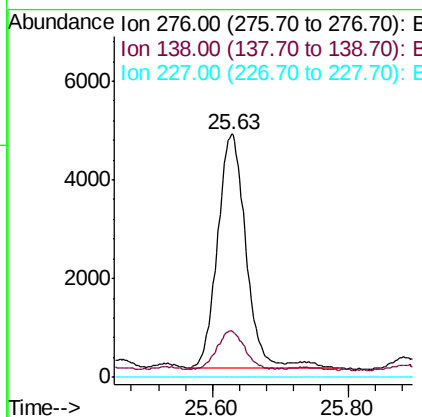
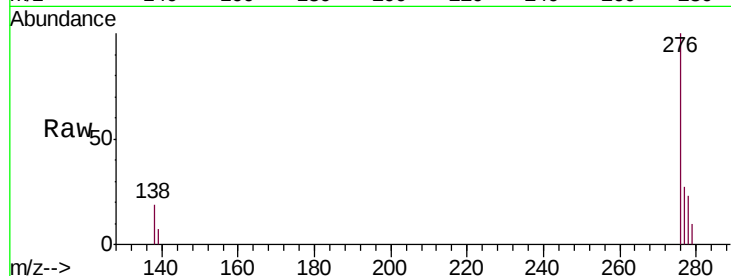
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.791 ng/u1
 RT: 25.63 min Scan# 7647
 Delta R.T. -0.03 min
 Lab File: BM022128.D
 Acq: 15 Aug 2019 04:36

Instrument :
 BNA_M
 ClientSampleId :
 CB5P0DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.0	15.1	22.7
227	0.0	0.0	0.0

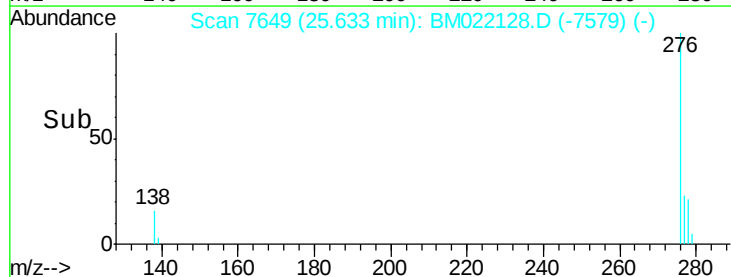
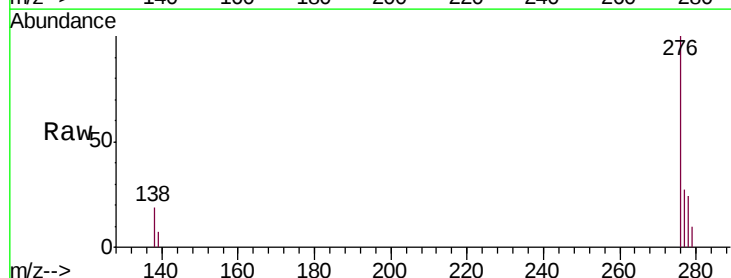
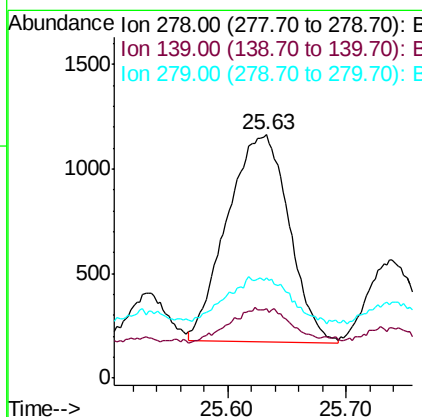
Manual Integrations
 APPROVED

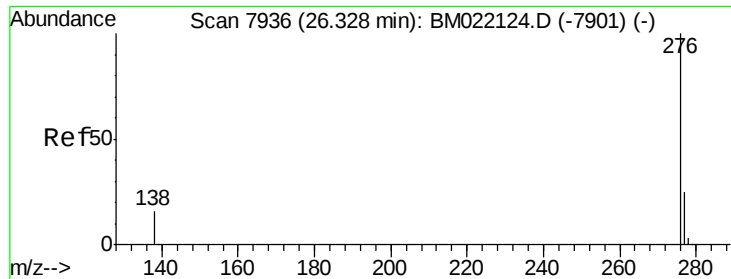
mohammad
 8/15/2019 5:10:05 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.252 ng/u1
 RT: 25.63 min Scan# 7649
 Delta R.T. -0.03 min
 Lab File: BM022128.D
 Acq: 15 Aug 2019 04:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	28.4	14.2	21.2#
279	41.0	28.3	42.5





#26
Benzo(g,h,i)perylene
Concen: 0.765 ng/ul
RT: 26.31 min Scan# 7927
Delta R.T. -0.03 min
Lab File: BM022128.D
Acq: 15 Aug 2019 04:36

Instrument :
BNA_M
ClientSampleId :
CB5P0DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.0	15.5	23.3
277	26.7	21.4	32.2

Manual Integrations
APPROVED

mohammad
8/15/2019 5:10:05 PM

