

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
 Data File : BM022134.D
 Acq On : 15 Aug 2019 08:15
 Operator : HP/JU
 Sample : K4304-12DL 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P3DL

Manual Integrations
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mohammad
 8/15/2019 5:10:25 PM

Quant Time: Aug 15 13:10:33 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	948	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.38	136	3864	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.25	164	1980	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	4261	0.40	ng/ul	-0.03
16) Chrysene-d12	21.21	240	4159	0.40	ng/ul	-0.02
20) Perylene-d12	23.42	264	4544	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	489	0.08	ng/ul	-0.02
14) Fluoranthene-d10	19.04	212	1174	0.08	ng/ul	-0.02
Target Compounds					Qvalue	
3) Naphthalene	10.42	128	6305	0.578	ng/ul	94
5) 2-Methylnaphthalene	12.06	142	3567	0.491	ng/ul	97
7) Acenaphthylene	13.98	152	7052	0.764	ng/ul#	83
8) Acenaphthene	14.31	153	5020	0.664	ng/ul	98
9) Fluorene	15.31	166	8798	1.048	ng/ul	99
12) Phenanthrene	17.05	178	165744	13.368	ng/ul	96
13) Anthracene	17.15	178	23061	2.181	ng/ul	95
15) Fluoranthene	19.08	202	204247	12.298	ng/ul	94
17) Pyrene	19.44	202	170175	9.957	ng/ul	99
18) Benzo(a)anthracene	21.20	228	82693	5.559	ng/ul	98
19) Chrysene	21.25	228	89302	4.668	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	110314m	7.199	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	41297m	2.381	ng/ul	
23) Benzo(a)pyrene	23.32	252	70477	4.523	ng/ul#	75
24) Indeno(1,2,3-cd)pyrene	25.62	276	50428	2.710	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.63	278	13751	0.914	ng/ul#	91
26) Benzo(g,h,i)perylene	26.30	276	42386	2.530	ng/ul	95

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

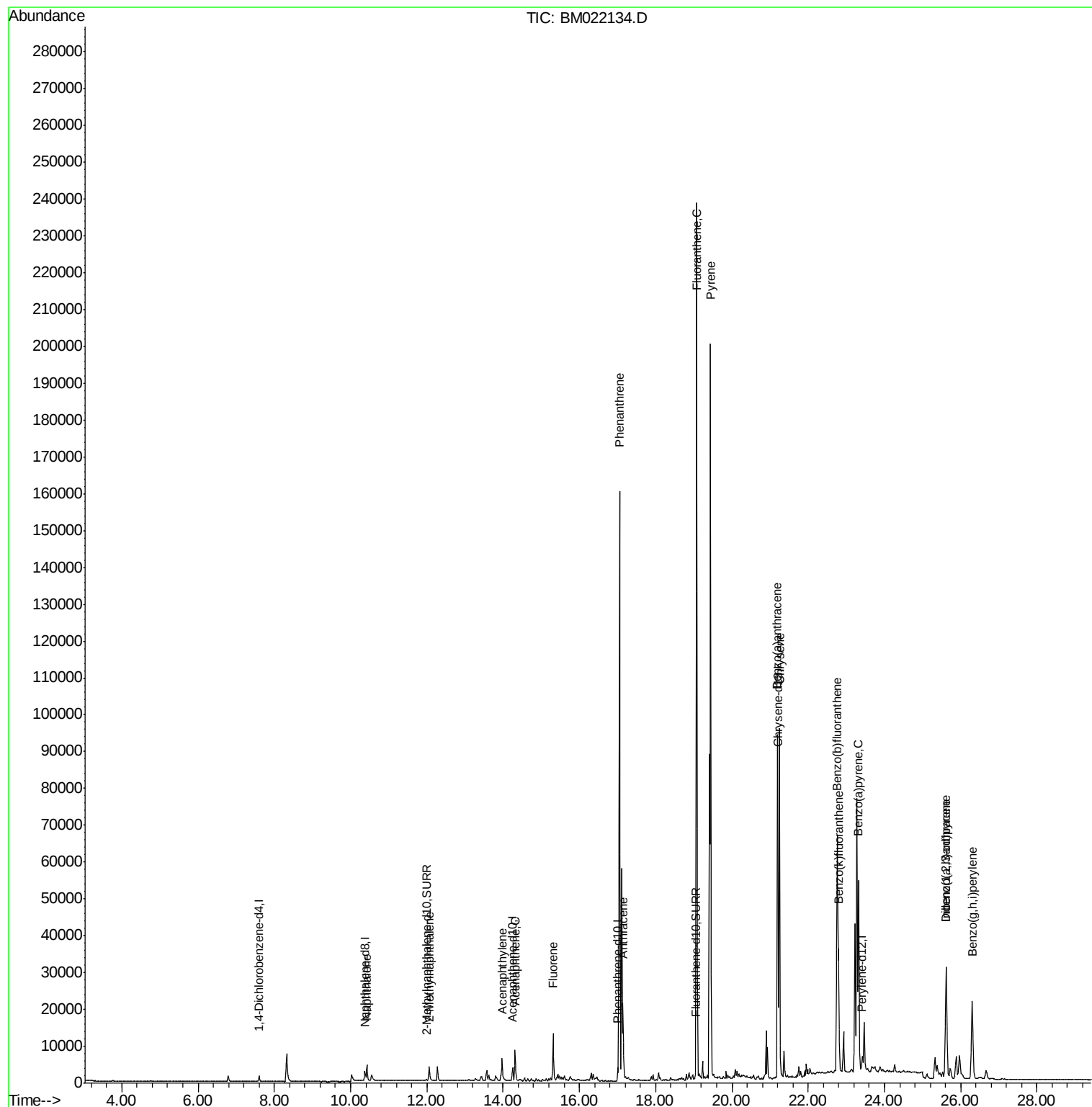
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Data File : BM022134.D
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Misc :
ALS Vial : 37 Sample Multiplier: 1

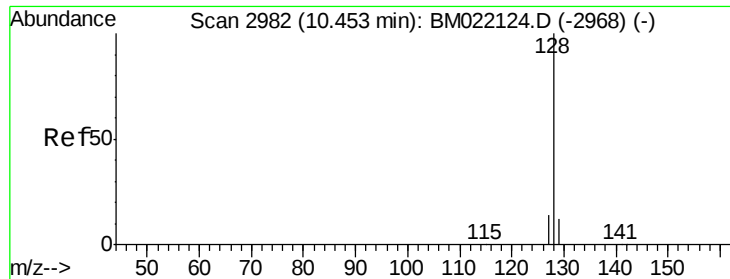
Instrument :
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CB5P3DL

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#3

Naphthalene

Concen: 0.578 ng/ul

RT: 10.42 min Scan# 2976

Delta R.T. -0.03 min

Lab File: BM022134.D

Acq: 15 Aug 2019 08:15

Instrument :

BNA_M

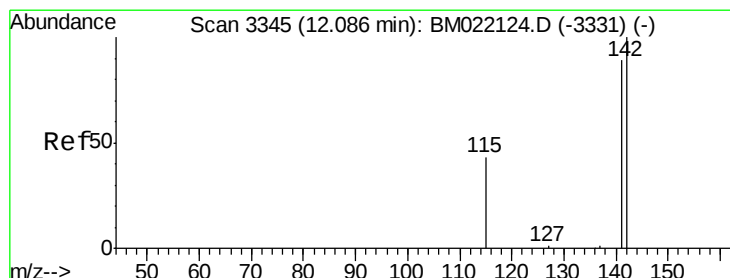
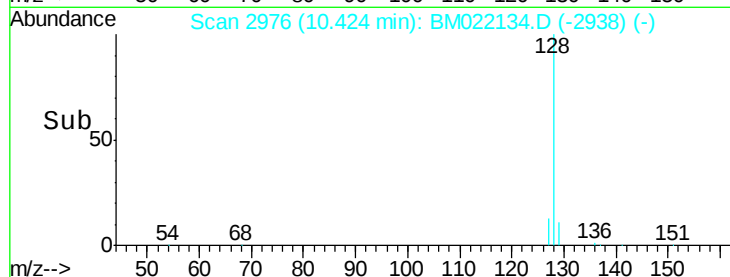
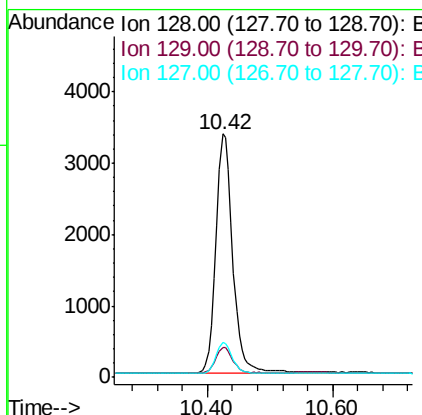
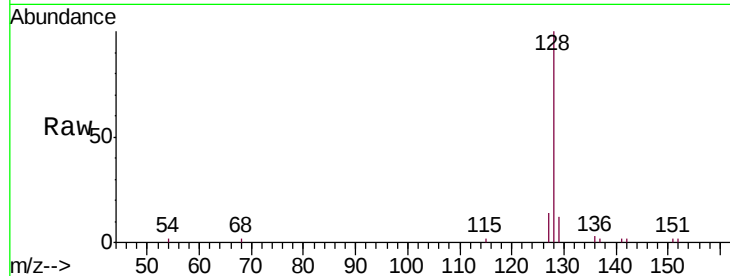
ClientSampleId :

CB5P3DL

Tgt Ion:	128	Resp:	6305
Ion Ratio	Lower	Upper	
128	100		
129	12.4	12.3	18.5
127	14.4	13.0	19.6

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#5

2-Methylnaphthalene

Concen: 0.491 ng/ul

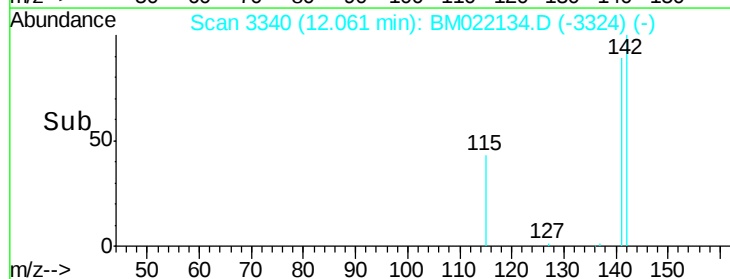
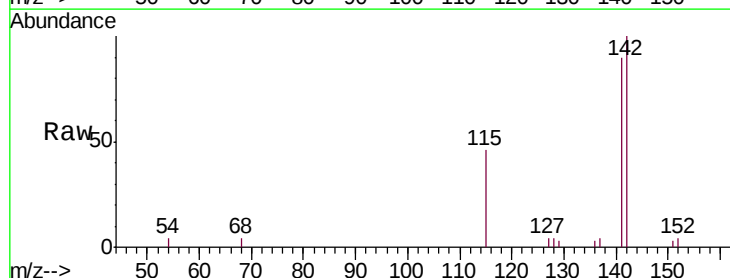
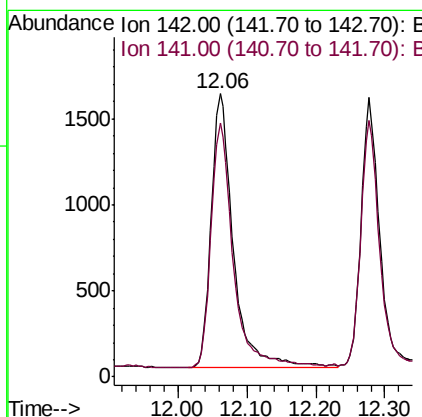
RT: 12.06 min Scan# 3340

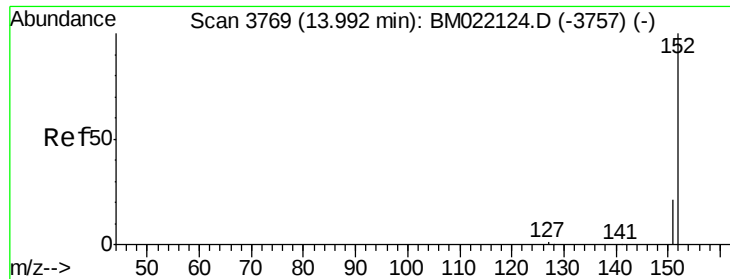
Delta R.T. -0.03 min

Lab File: BM022134.D

Acq: 15 Aug 2019 08:15

Tgt Ion:	142	Resp:	3567
Ion Ratio	Lower	Upper	
142	100		
141	90.1	74.3	111.5





#7

Acenaphthylene

Concen: 0.764 ng/ul

RT: 13.98 min Scan# 3766

Delta R.T. -0.02 min

Lab File: BM022134.D

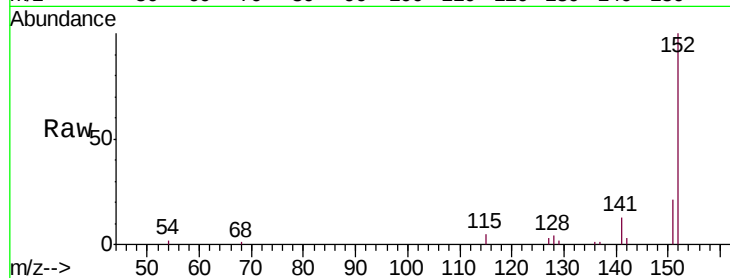
Acq: 15 Aug 2019 08:15

Instrument :

BNA_M

ClientSampleId :

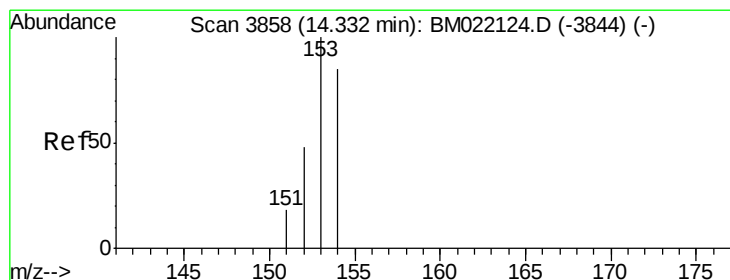
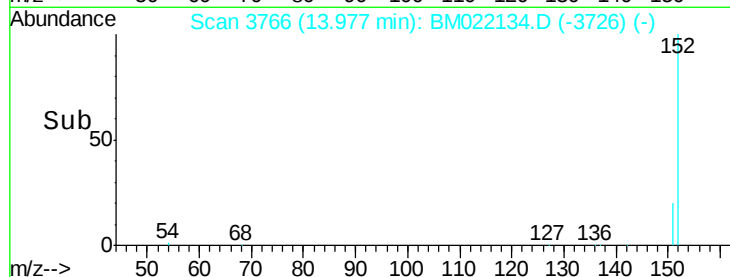
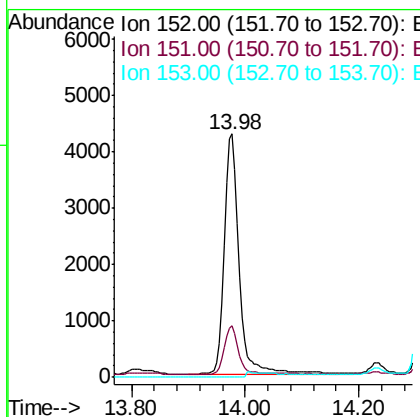
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Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	18.3	27.5
153	0.0	12.8	19.2

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#8

Acenaphthene

Concen: 0.664 ng/ul

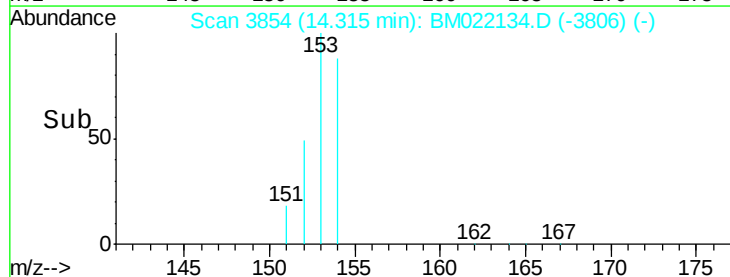
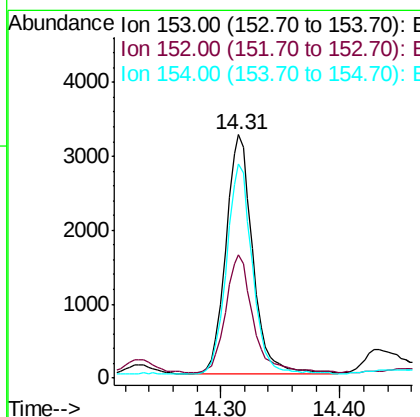
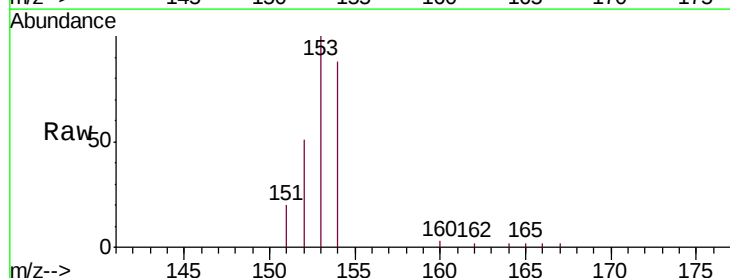
RT: 14.31 min Scan# 3854

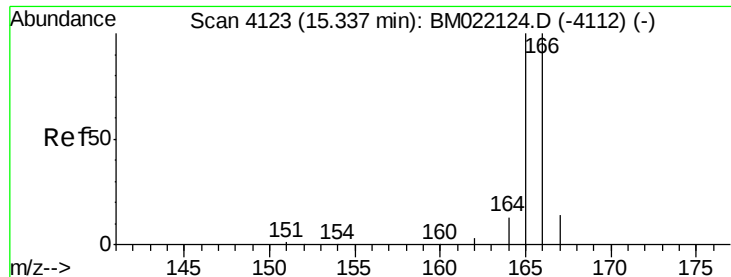
Delta R.T. -0.02 min

Lab File: BM022134.D

Acq: 15 Aug 2019 08:15

Tgt Ion	Ratio	Lower	Upper
153	100		
152	50.7	41.3	61.9
154	88.2	72.3	108.5





#9

Fluorene

Concen: 1.048 ng/ul

RT: 15.31 min Scan# 4117

Delta R.T. -0.02 min

Lab File: BM022134.D

Acq: 15 Aug 2019 08:15

Instrument :

BNA_M

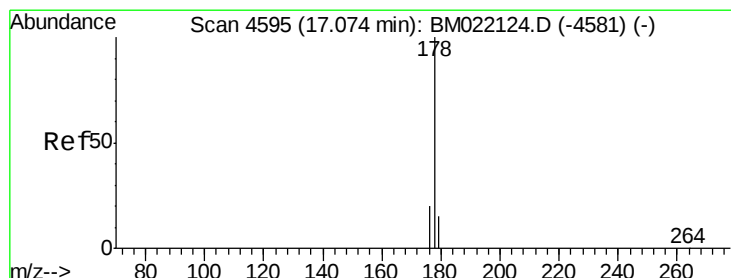
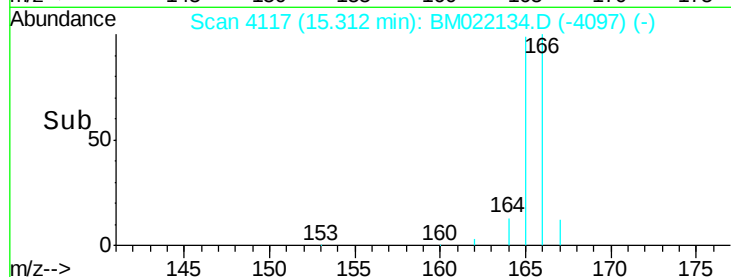
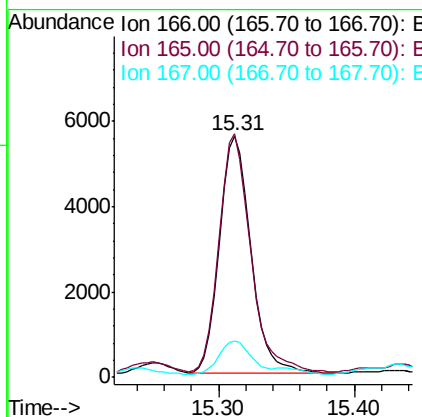
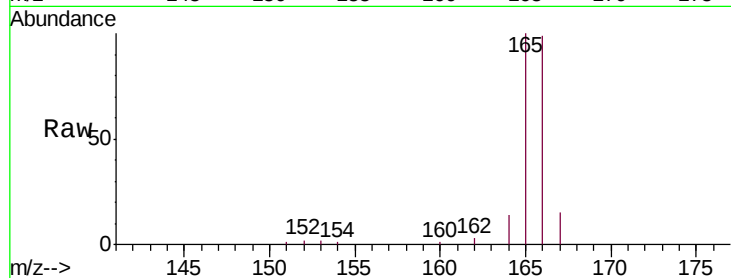
ClientSampleId :

CB5P3DL

Tgt Ion:	166	Resp:	8798
Ion Ratio	Lower	Upper	
166	100		
165	100.9	81.4	122.0
167	15.3	13.7	20.5

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#12

Phenanthrene

Concen: 13.368 ng/ul

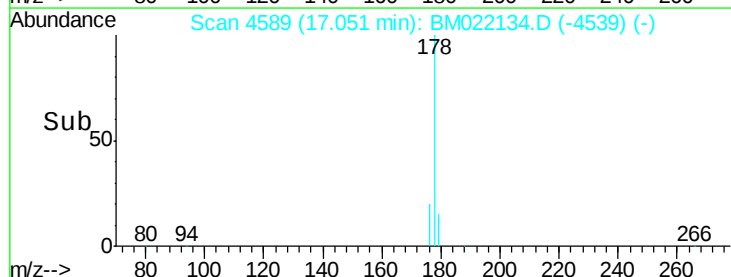
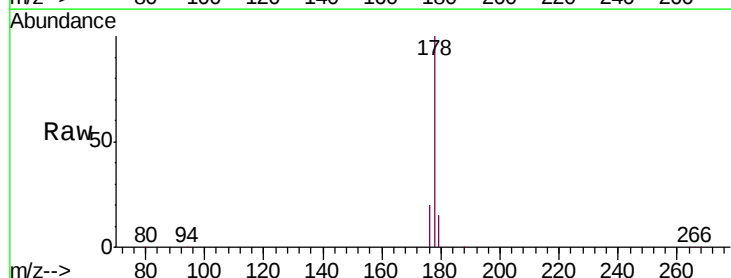
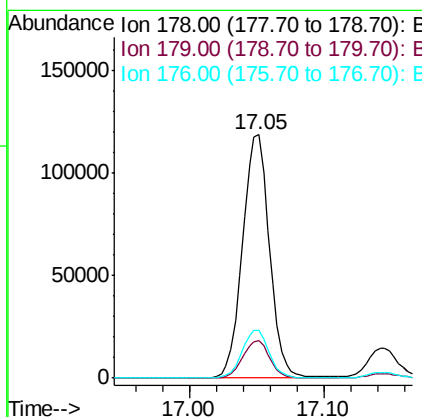
RT: 17.05 min Scan# 4589

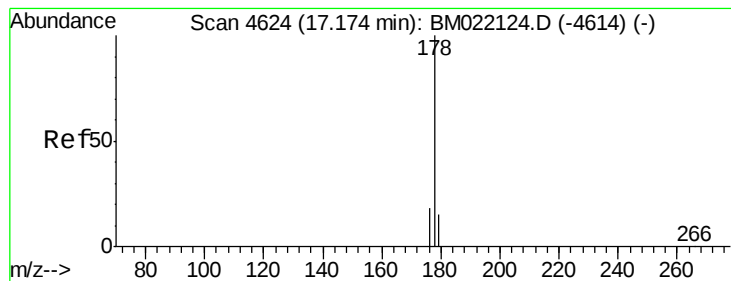
Delta R.T. -0.03 min

Lab File: BM022134.D

Acq: 15 Aug 2019 08:15

Tgt Ion:	178	Resp:	165744
Ion Ratio	Lower	Upper	
178	100		
179	15.3	14.2	21.2
176	19.6	16.8	25.2





#13

Anthracene

Concen: 2.181 ng/ul

RT: 17.15 min Scan# 4616

Delta R.T. -0.03 min

Lab File: BM022134.D

Acq: 15 Aug 2019 08:15

Instrument :

BNA_M

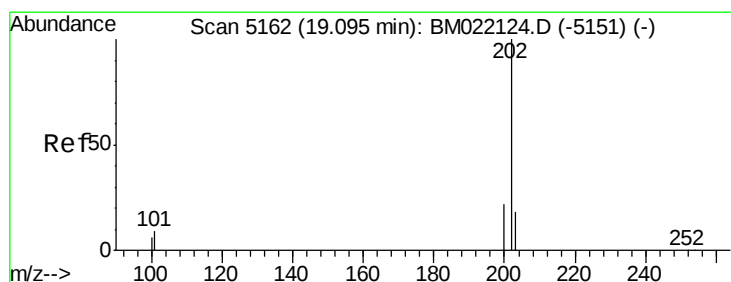
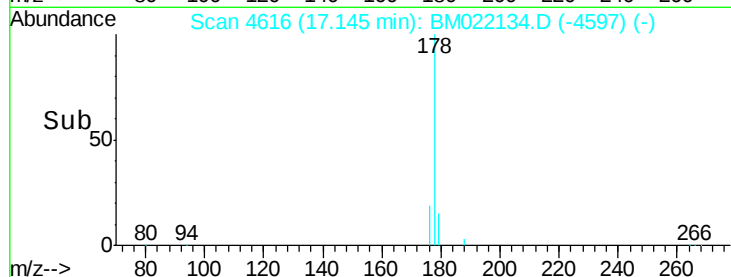
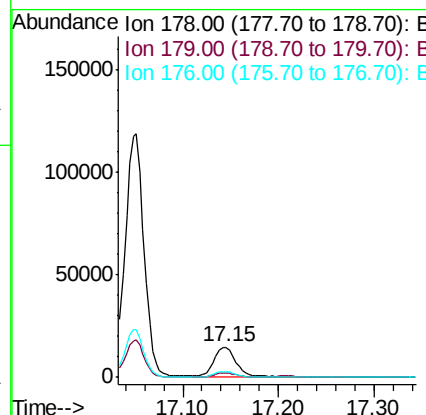
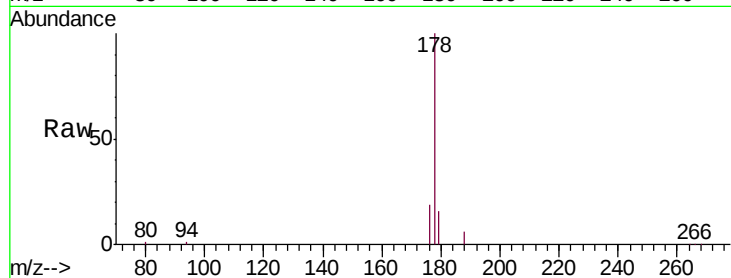
ClientSampleId :

CB5P3DL

Tgt Ion:	178	Resp:	23061
Ion Ratio	Lower	Upper	
178	100		
179	16.0	15.5	23.3
176	19.4	16.6	25.0

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#15

Fluoranthene

Concen: 12.298 ng/ul

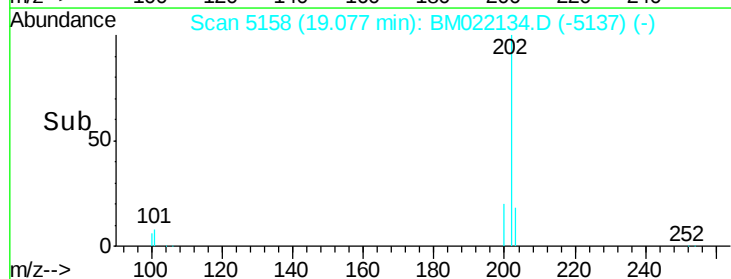
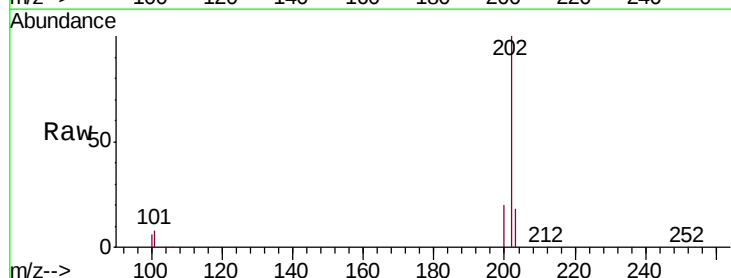
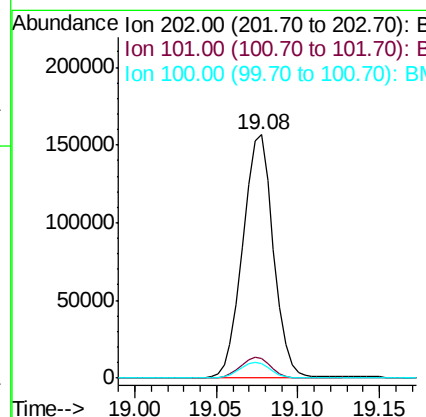
RT: 19.08 min Scan# 5158

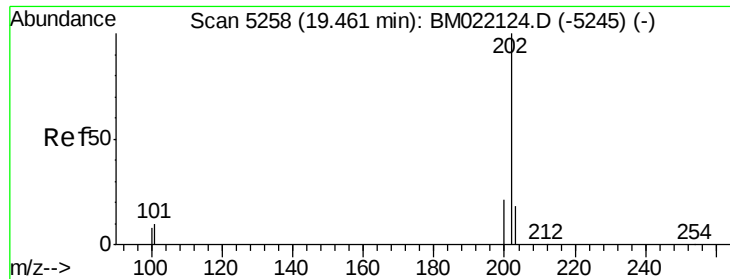
Delta R.T. -0.02 min

Lab File: BM022134.D

Acq: 15 Aug 2019 08:15

Tgt Ion:	202	Resp:	204247
Ion Ratio	Lower	Upper	
202	100		
101	7.8	0.0	30.2
100	6.1	0.0	28.1





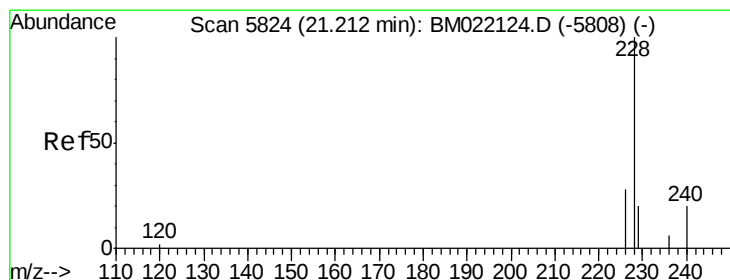
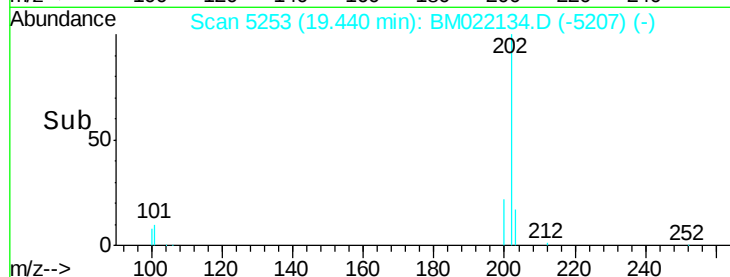
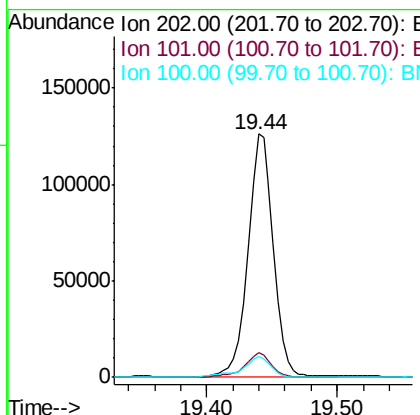
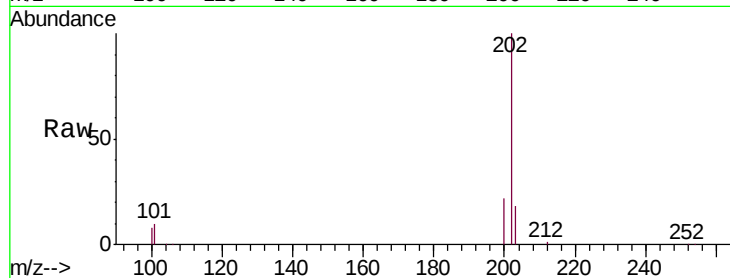
#17
Pyrene
 Concen: 9.957 ng/ul
 RT: 19.44 min Scan# 5253
 Delta R.T. -0.02 min
 Lab File: BM022134.D
 Acq: 15 Aug 2019 08:15

Instrument :
 BNA_M
 ClientSampleId :
 CB5P3DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.1	8.3	12.5
100	8.4	7.2	10.8

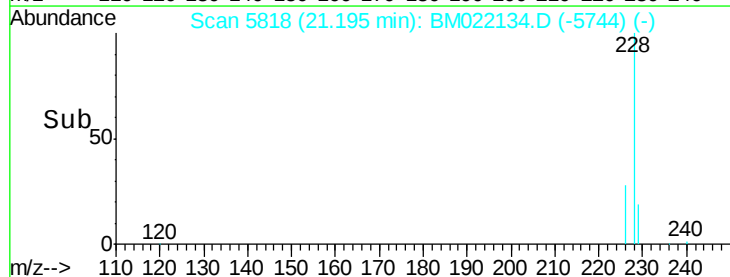
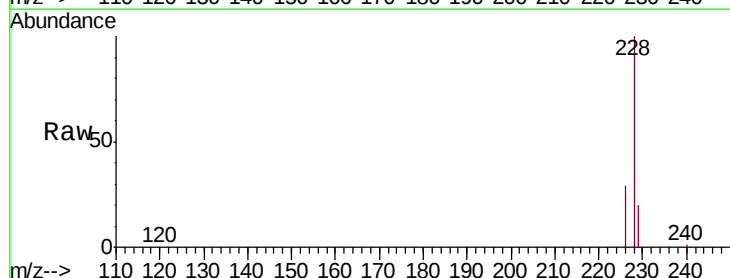
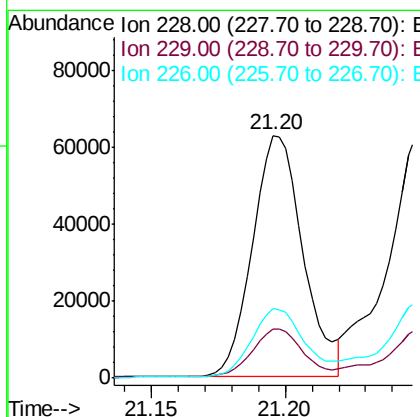
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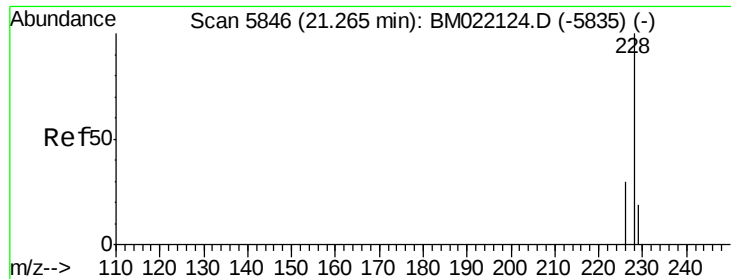
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#18
Benzo(a)anthracene
 Concen: 5.559 ng/ul
 RT: 21.20 min Scan# 5818
 Delta R.T. -0.02 min
 Lab File: BM022134.D
 Acq: 15 Aug 2019 08:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.0	17.2	25.8
226	28.6	22.6	34.0





#19

Chrysene

Concen: 4.668 ng/ul

RT: 21.25 min Scan# 5840

Delta R.T. -0.02 min

Lab File: BM022134.D

Acq: 15 Aug 2019 08:15

Instrument :

BNA_M

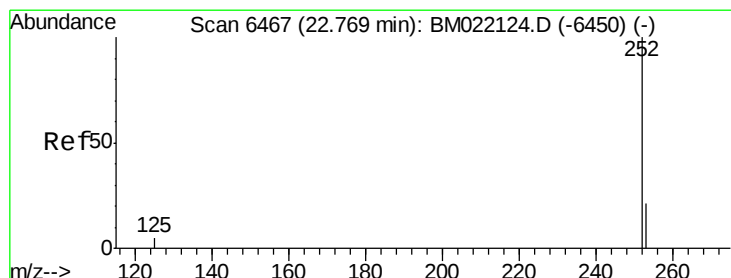
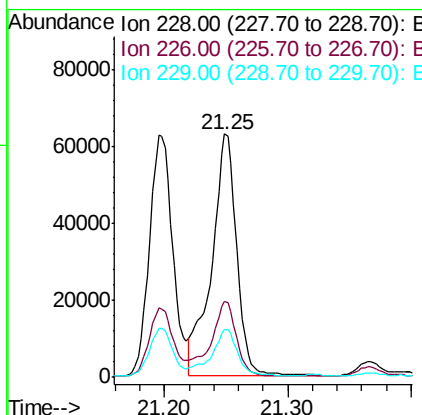
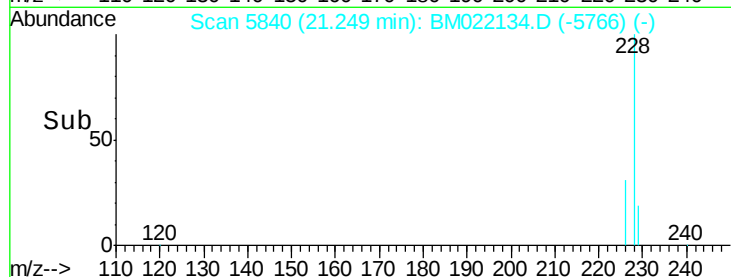
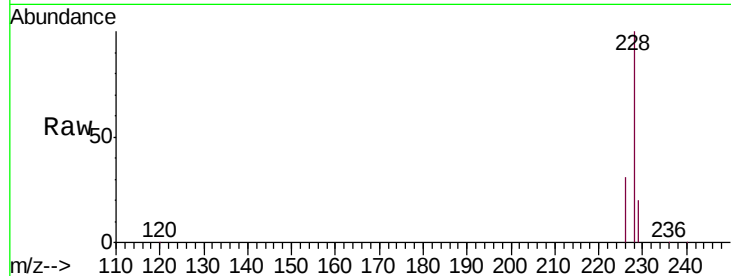
ClientSampleId :

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Tgt Ion:	228	Resp:	89302
Ion Ratio	Lower	Upper	
228	100		
226	31.4	24.9	37.3
229	19.8	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 7.199 ng/ul m

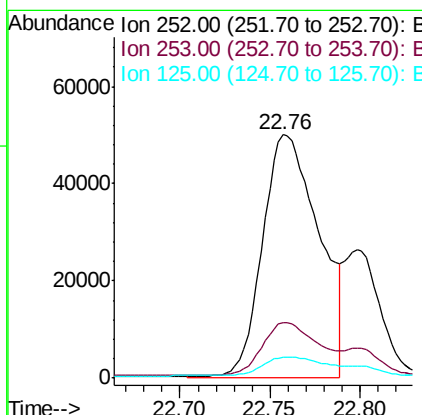
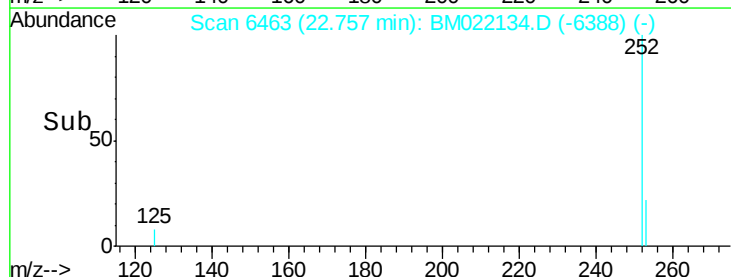
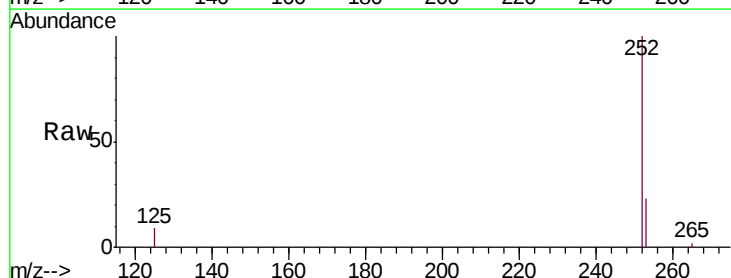
RT: 22.76 min Scan# 6463

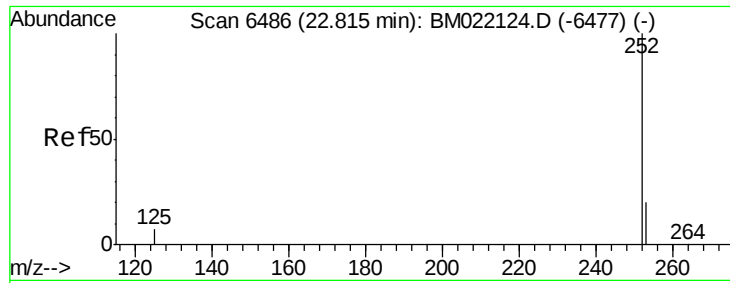
Delta R.T. -0.02 min

Lab File: BM022134.D

Acq: 15 Aug 2019 08:15

Tgt Ion:	252	Resp:	110314
Ion Ratio	Lower	Upper	
252	100		
253	22.7	0.0	67.4
125	8.7	0.0	31.0





#22

Benzo(k)fluoranthene

Concen: 2.381 ng/ul m

RT: 22.80 min Scan# 6480

Delta R.T. -0.02 min

Lab File: BM022134.D

Acq: 15 Aug 2019 08:15

Instrument :

BNA_M

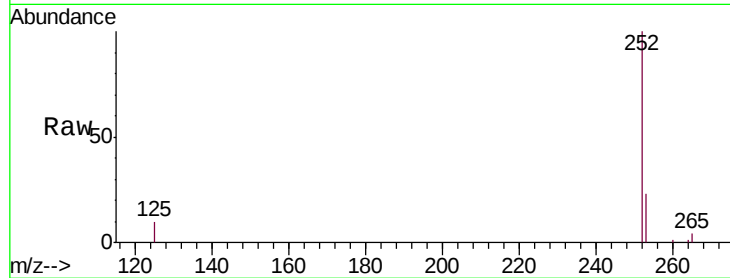
ClientSampleId :

CB5P3DL

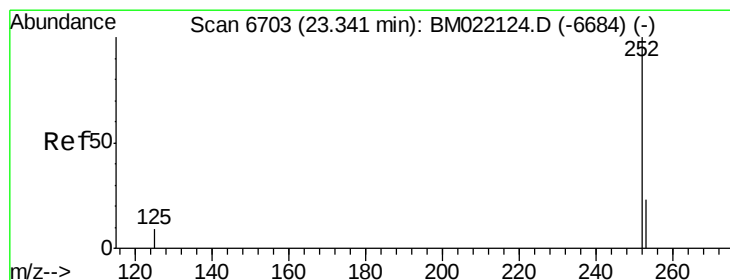
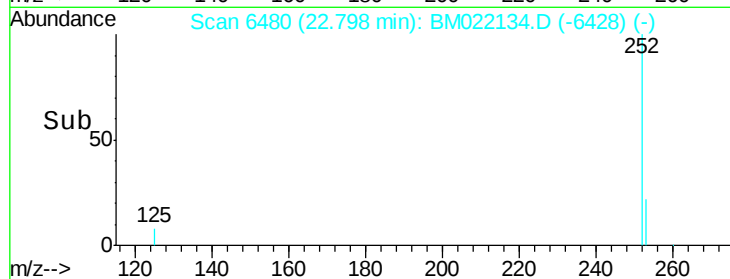
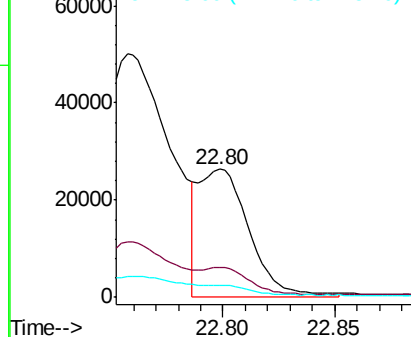
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	27.0	40.4#
125	9.7	12.2	18.2#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 4.523 ng/ul

RT: 23.32 min Scan# 6696

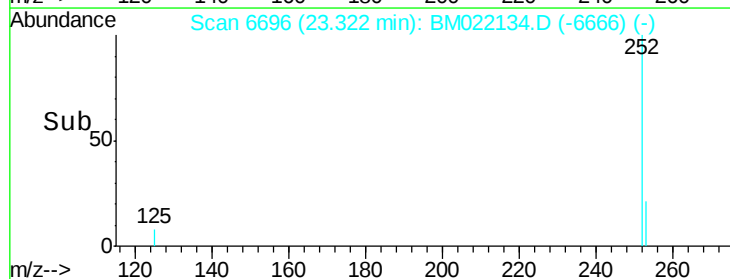
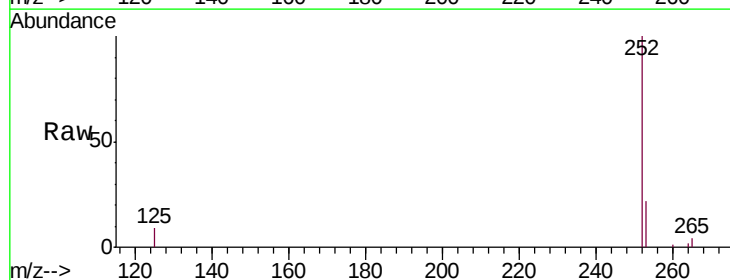
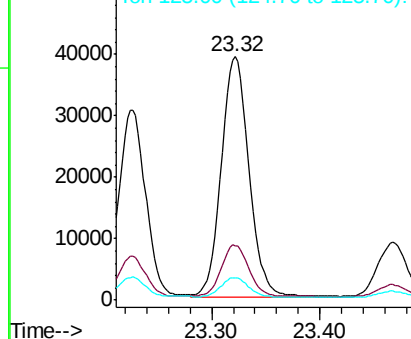
Delta R.T. -0.03 min

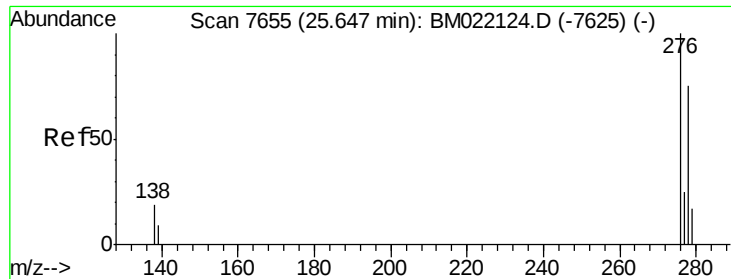
Lab File: BM022134.D

Acq: 15 Aug 2019 08:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	31.7	47.5#
125	9.3	14.6	21.8#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





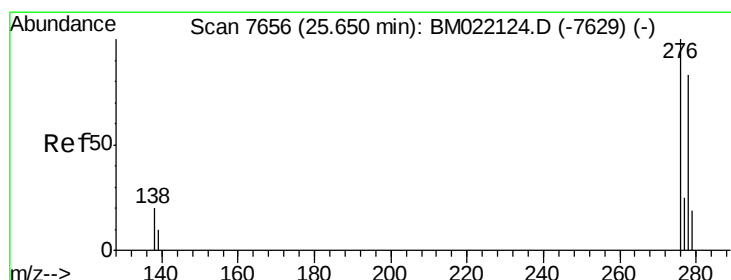
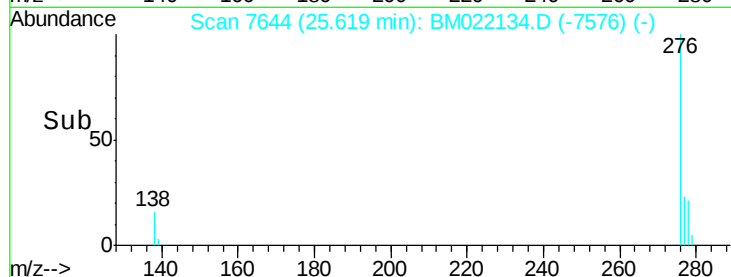
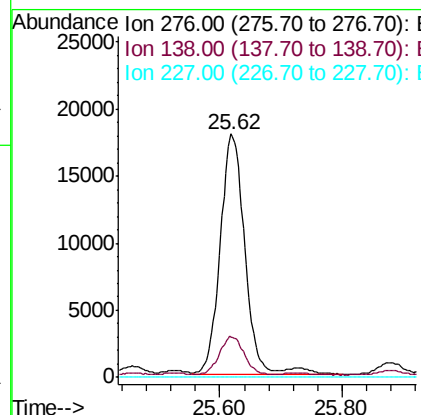
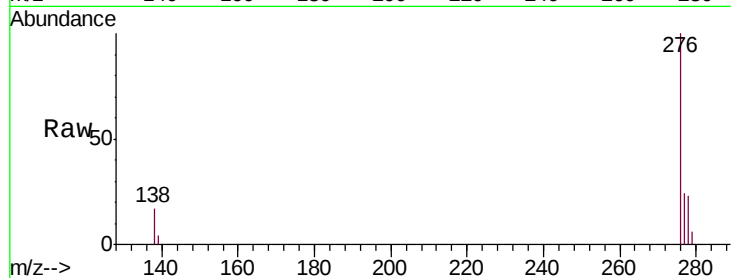
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.710 ng/u1
 RT: 25.62 min Scan# 7644
 Delta R.T. -0.04 min
 Lab File: BM022134.D
 Acq: 15 Aug 2019 08:15

Instrument :
 BNA_M
 ClientSampleId :
 CB5P3DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.9	15.1	22.7
227	0.0	0.0	0.0

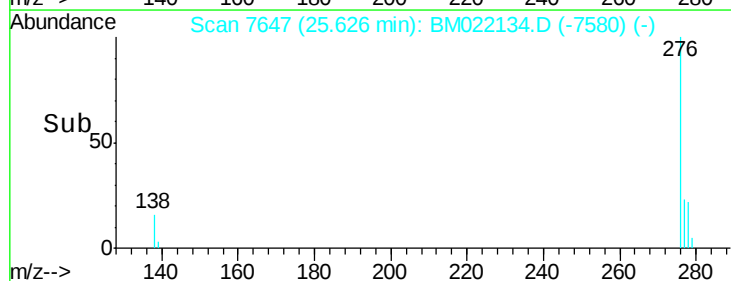
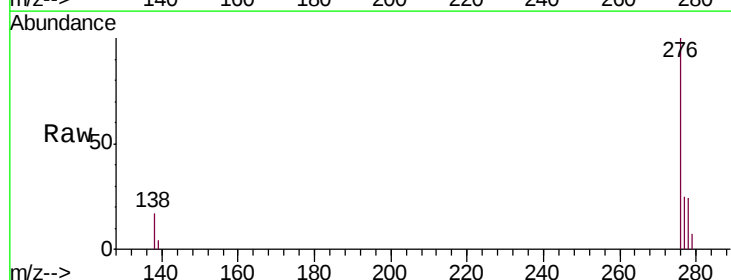
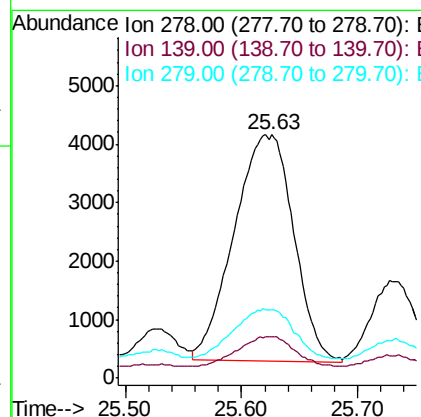
Manual Integrations
 APPROVED

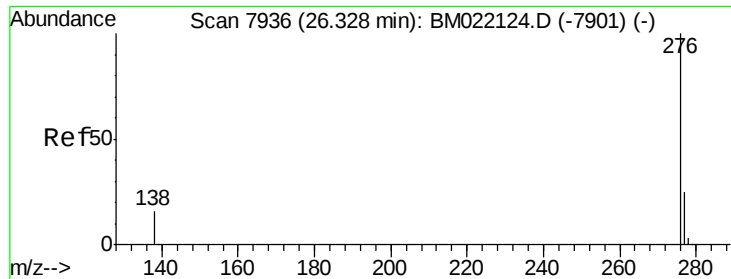
mohammad
 8/15/2019 5:10:25 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.914 ng/u1
 RT: 25.63 min Scan# 7647
 Delta R.T. -0.04 min
 Lab File: BM022134.D
 Acq: 15 Aug 2019 08:15

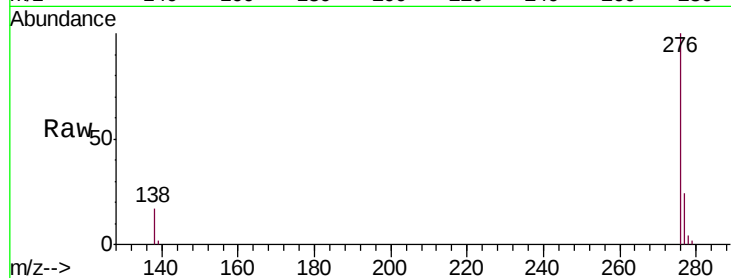
Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.8	14.2	21.2
279	28.0	28.3	42.5#





#26
 Benzo(g,h,i)perylene
 Concen: 2.530 ng/u1
 RT: 26.30 min Scan# 7925
 Delta R.T. -0.04 min
 Lab File: BM022134.D
 Acq: 15 Aug 2019 08:15

Instrument :
 BNA_M
 ClientSampleId :
 CB5P3DL



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	17.3	15.5	23.3	
277	24.5	21.4	32.2	

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:25 PM

