

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
 Data File : BM022130.D
 Acq On : 15 Aug 2019 05:49
 Operator : HP/JU
 Sample : K4304-10DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P1DL

Manual Integrations
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mohammad
 8/15/2019 5:10:13 PM

Quant Time: Aug 15 12:48:55 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	961	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.37	136	3994	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.25	164	2095	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	4316	0.40	ng/ul	-0.03
16) Chrysene-d12	21.21	240	4085	0.40	ng/ul	-0.02
20) Perylene-d12	23.42	264	4679	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	566	0.09	ng/ul	-0.03
14) Fluoranthene-d10	19.05	212	1261	0.09	ng/ul	-0.02
Target Compounds				Qvalue		
3) Naphthalene	10.42	128	18131	1.607	ng/ul#	92
5) 2-Methylnaphthalene	12.05	142	8918	1.186	ng/ul	97
7) Acenaphthylene	13.97	152	10461	1.071	ng/ul#	82
8) Acenaphthene	14.31	153	12569	1.572	ng/ul	96
9) Fluorene	15.31	166	19521	2.199	ng/ul	97
12) Phenanthrene	17.05	178	256384	20.416	ng/ul	96
13) Anthracene	17.14	178	34501	3.221	ng/ul	95
15) Fluoranthene	19.08	202	303433	18.037	ng/ul	94
17) Pyrene	19.44	202	267944	15.962	ng/ul	97
18) Benzo(a)anthracene	21.20	228	122441	8.380	ng/ul	99
19) Chrysene	21.25	228	127924	6.807	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	149264m	9.460	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	56832m	3.183	ng/ul	
23) Benzo(a)pyrene	23.32	252	106566	6.641	ng/ul#	74
24) Indeno(1,2,3-cd)pyrene	25.62	276	66705	3.482	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.62	278	17358	1.121	ng/ul	92
26) Benzo(g,h,i)perylene	26.30	276	57270	3.320	ng/ul	96

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

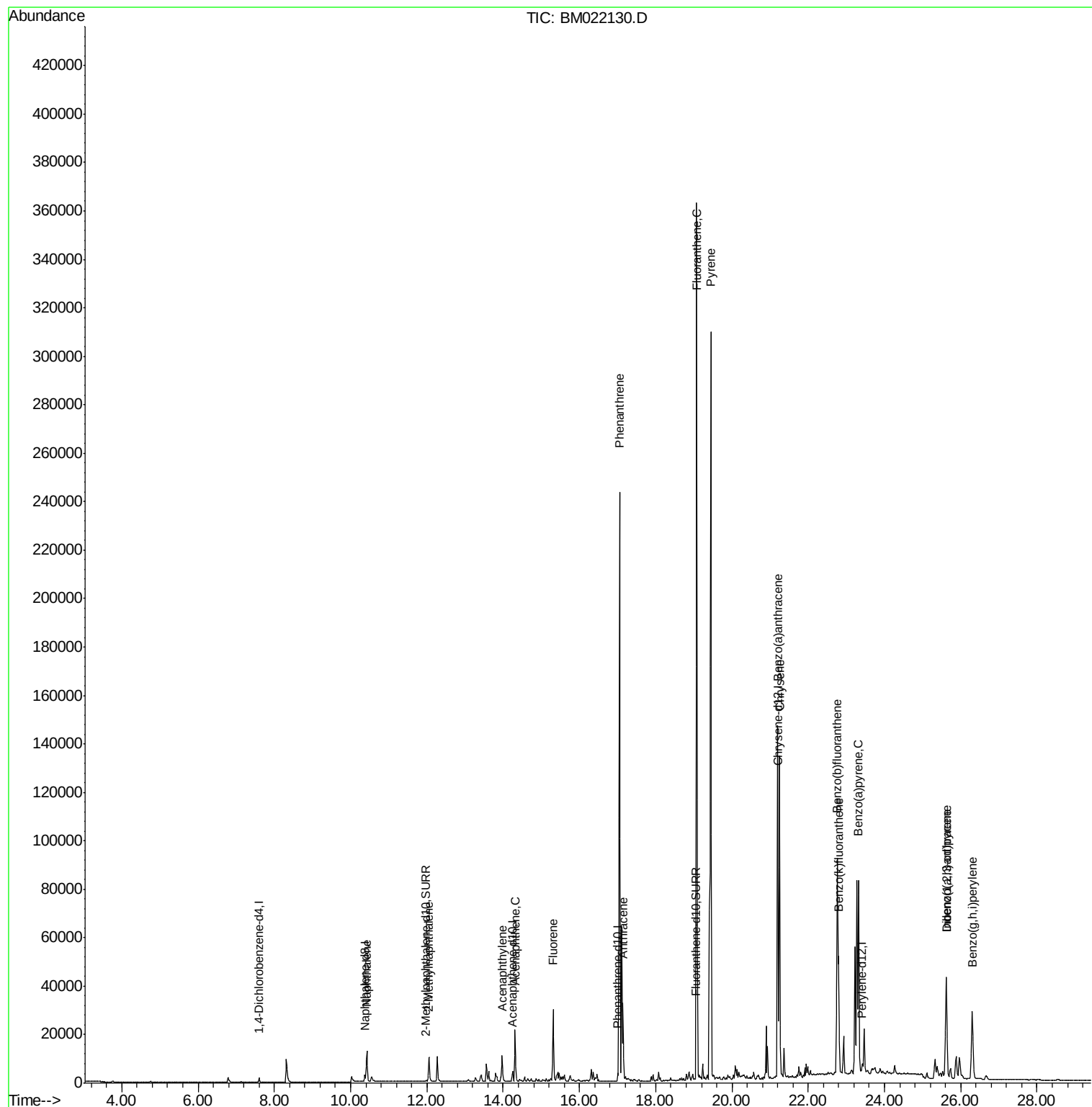
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Data File : BM022130.D
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Sample : K4304-10DL 5X
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ALS Vial : 33 Sample Multiplier: 1

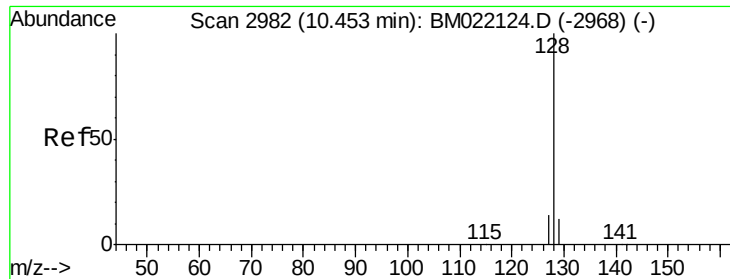
Instrument :
BNA_M
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CB5P1DL

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#3

Naphthalene

Concen: 1.607 ng/ul

RT: 10.42 min Scan# 2976

Delta R.T. -0.03 min

Lab File: BM022130.D

Acq: 15 Aug 2019 05:49

Instrument :

BNA_M

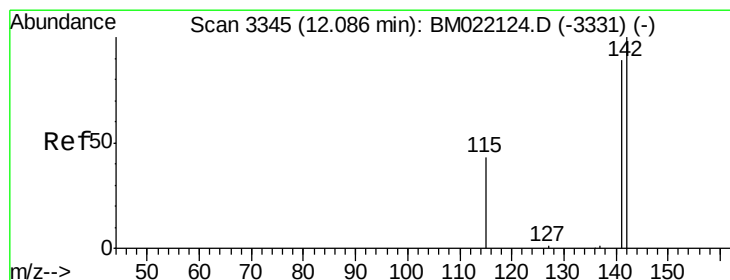
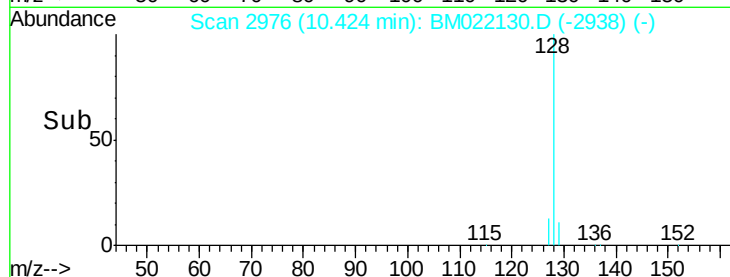
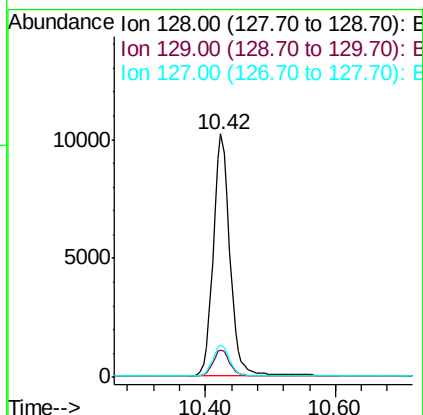
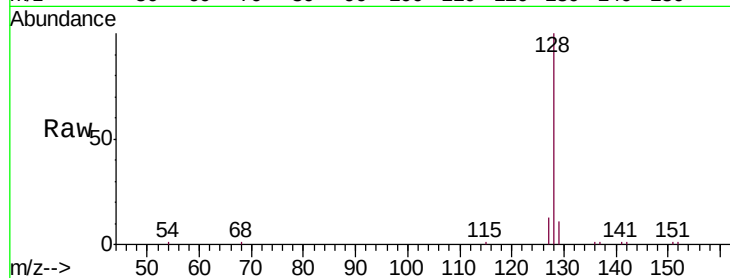
ClientSampleID :

CB5P1DL

Tgt Ion:	128	Resp:	18131
Ion Ratio		Lower	Upper
128	100		
129	11.5	12.3	18.5#
127	13.3	13.0	19.6

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#5

2-Methylnaphthalene

Concen: 1.186 ng/ul

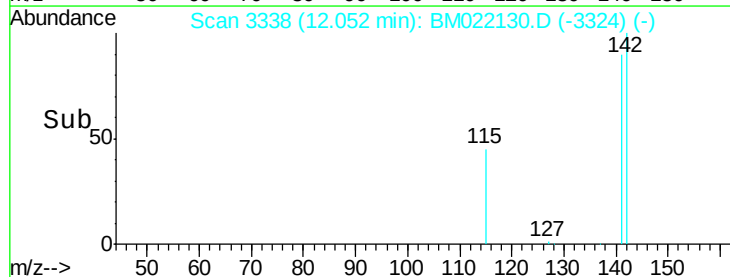
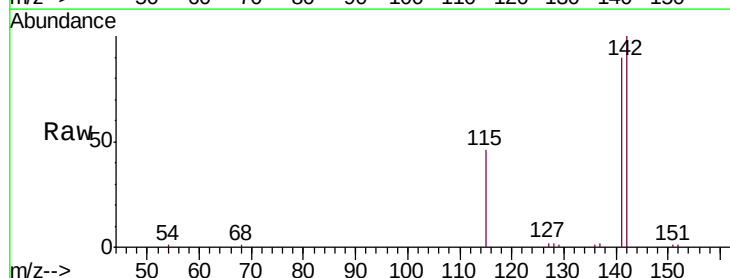
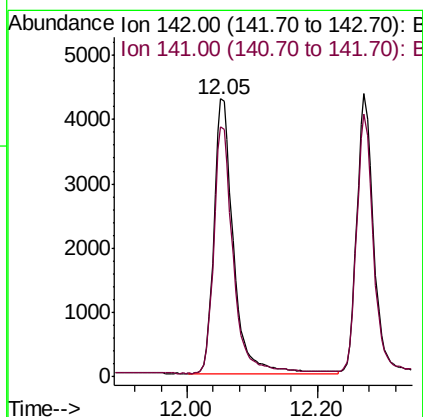
RT: 12.05 min Scan# 3338

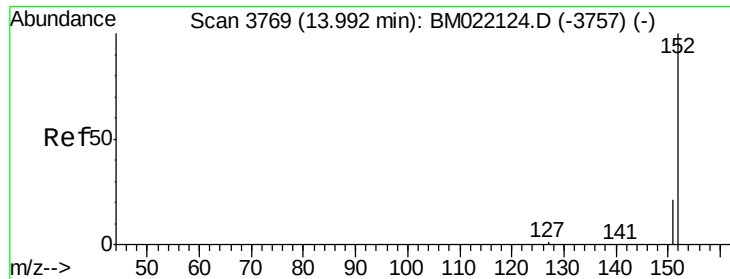
Delta R.T. -0.04 min

Lab File: BM022130.D

Acq: 15 Aug 2019 05:49

Tgt Ion:	142	Resp:	8918
Ion Ratio		Lower	Upper
142	100		
141	89.7	74.3	111.5





#7

Acenaphthylene

Concen: 1.071 ng/ul

RT: 13.97 min Scan# 3765

Delta R.T. -0.02 min

Lab File: BM022130.D

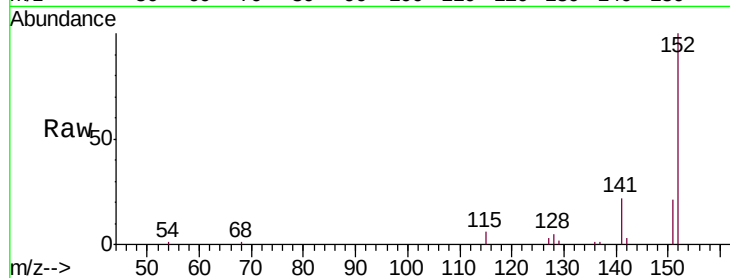
Acq: 15 Aug 2019 05:49

Instrument :

BNA_M

ClientSampleId :

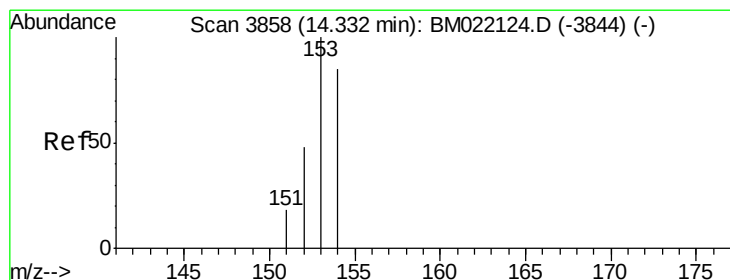
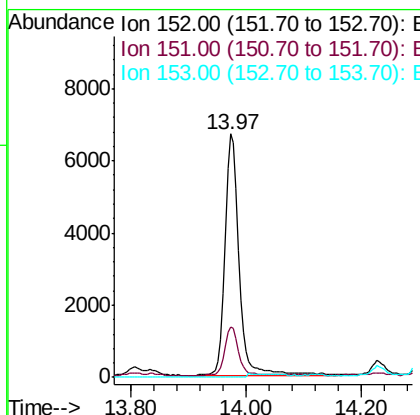
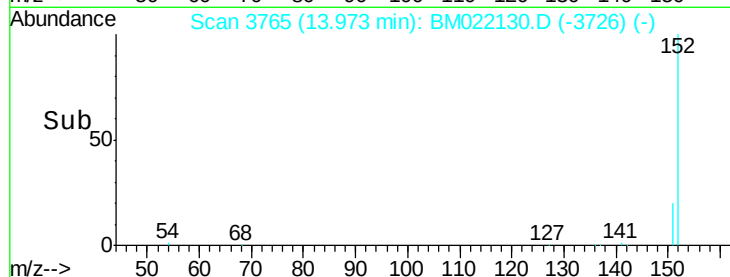
CB5P1DL



Tgt Ion:	152	Resp:	10461
Ion Ratio	Lower	Upper	
152	100		
151	20.9	18.3	27.5
153	0.0	12.8	19.2#

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#8

Acenaphthene

Concen: 1.572 ng/ul

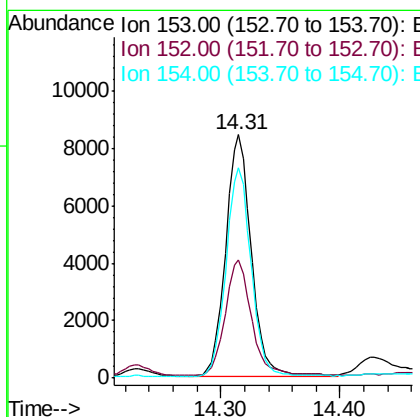
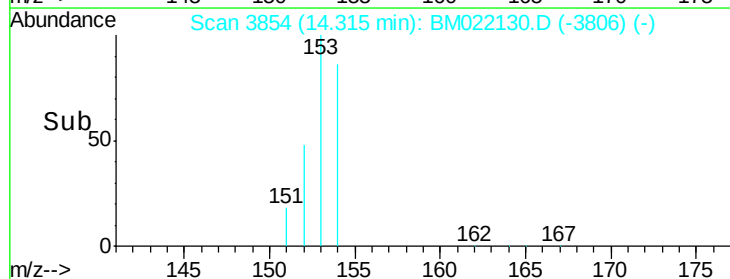
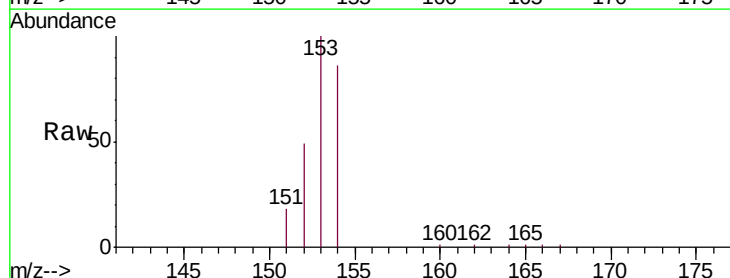
RT: 14.31 min Scan# 3854

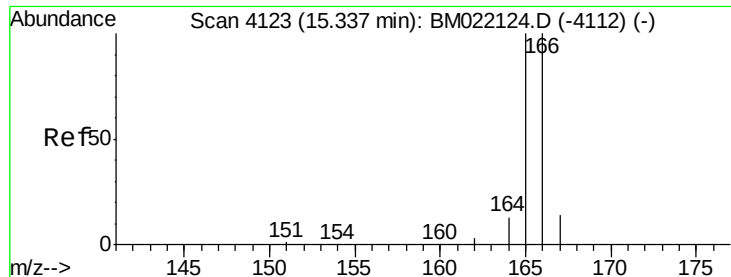
Delta R.T. -0.02 min

Lab File: BM022130.D

Acq: 15 Aug 2019 05:49

Tgt Ion:	153	Resp:	12569
Ion Ratio	Lower	Upper	
153	100		
152	48.6	41.3	61.9
154	86.2	72.3	108.5





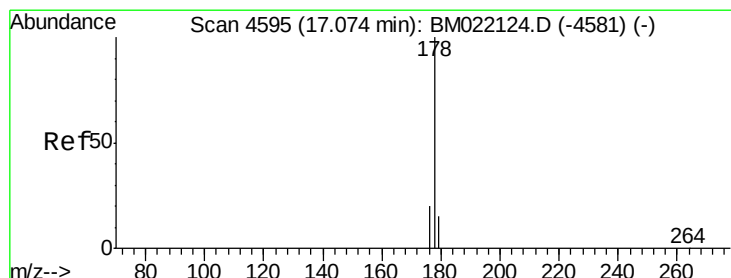
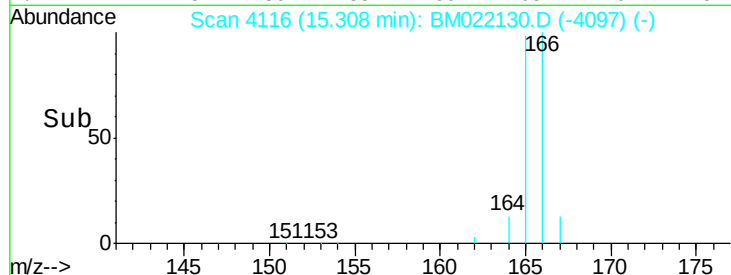
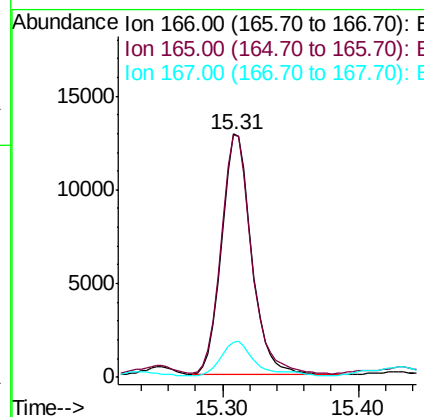
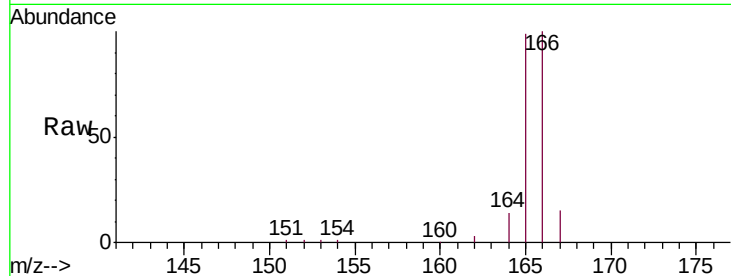
#9
Fluorene
 Concen: 2.199 ng/ul
 RT: 15.31 min Scan# 4116
 Delta R.T. -0.03 min
 Lab File: BM022130.D
 Acq: 15 Aug 2019 05:49

Instrument :
 BNA_M
 ClientSampleId :
 CB5P1DL

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	19521		
165	99.5	81.4	122.0	
167	14.6	13.7	20.5	

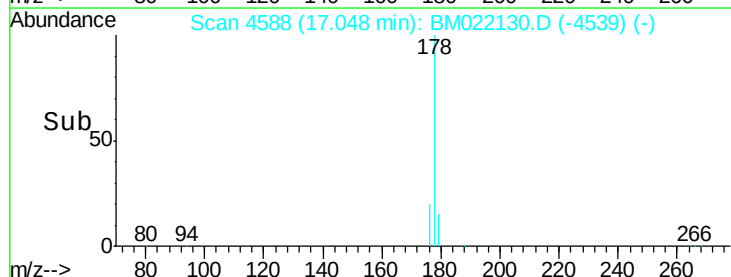
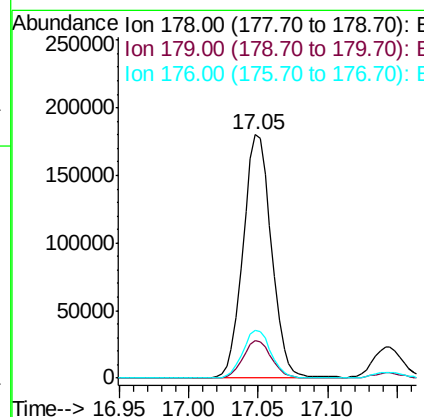
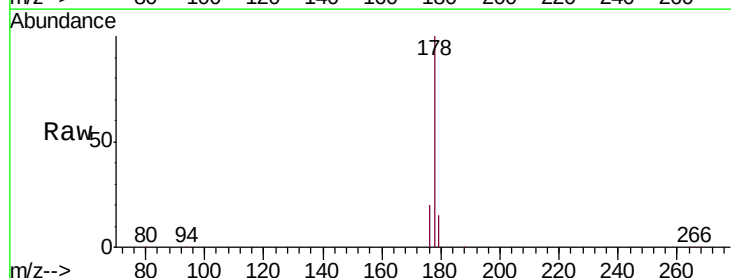
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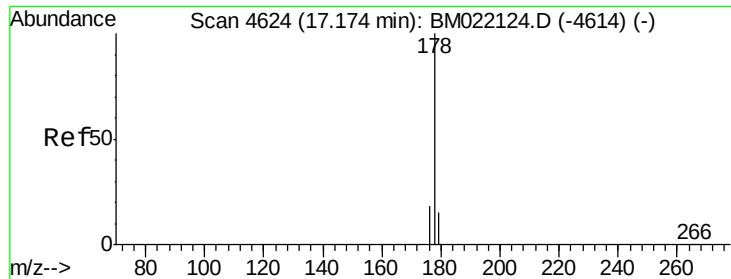
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#12
Phenanthrene
 Concen: 20.416 ng/ul
 RT: 17.05 min Scan# 4588
 Delta R.T. -0.03 min
 Lab File: BM022130.D
 Acq: 15 Aug 2019 05:49

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	256384		
179	15.4	14.2	21.2	
176	19.7	16.8	25.2	





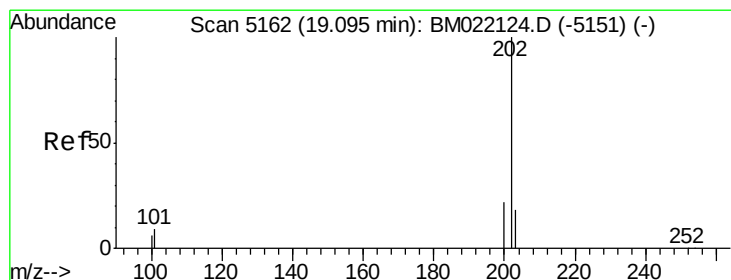
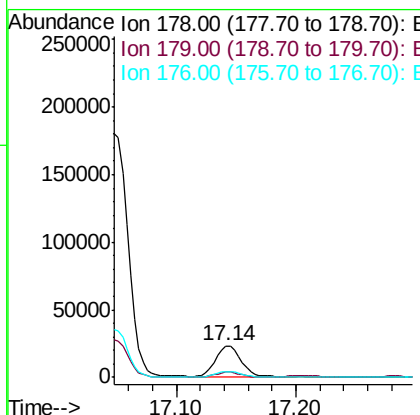
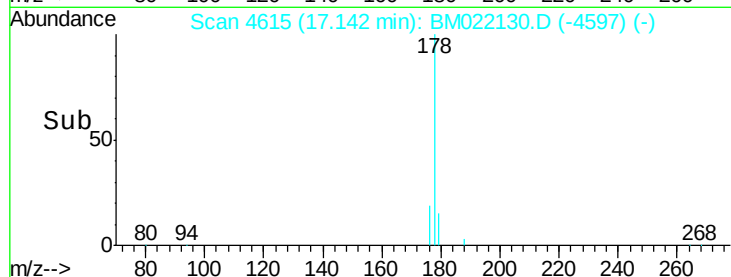
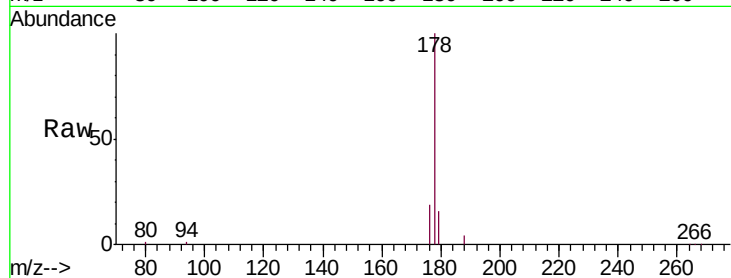
#13
 Anthracene
 Concen: 3.221 ng/ul
 RT: 17.14 min Scan# 4615
 Delta R.T. -0.04 min
 Lab File: BM022130.D
 Acq: 15 Aug 2019 05:49

Instrument :
 BNA_M
 ClientSampleId :
 CB5P1DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	15.5	23.3
176	19.4	16.6	25.0

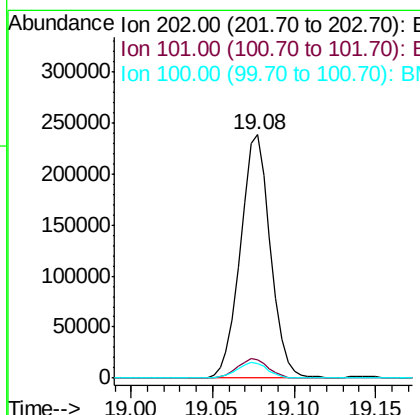
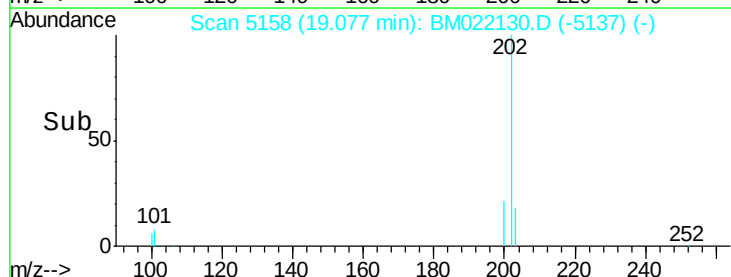
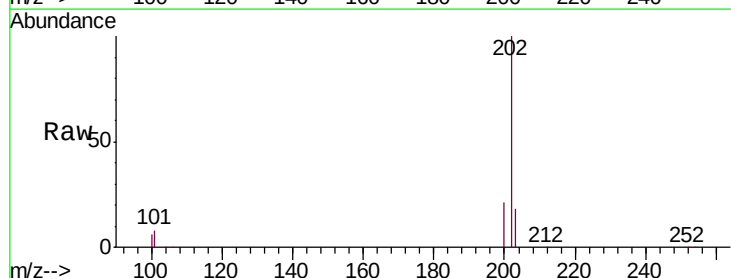
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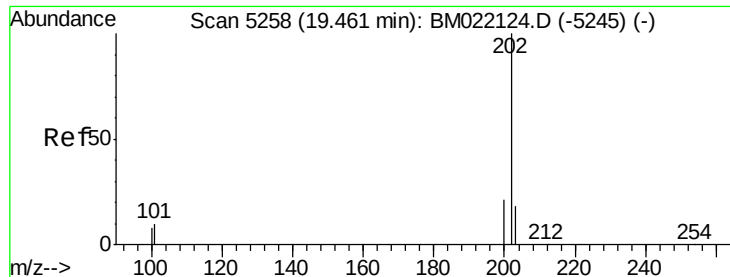
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#15
 Fluoranthene
 Concen: 18.037 ng/ul
 RT: 19.08 min Scan# 5158
 Delta R.T. -0.02 min
 Lab File: BM022130.D
 Acq: 15 Aug 2019 05:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	30.2
100	6.0	0.0	28.1





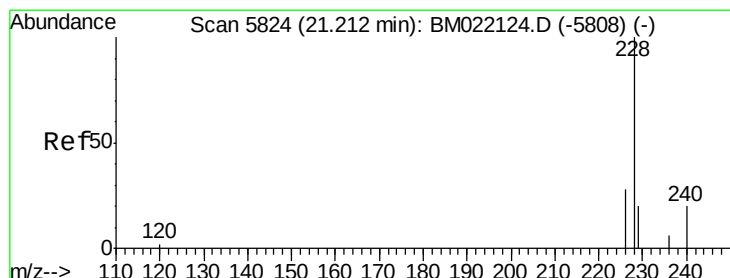
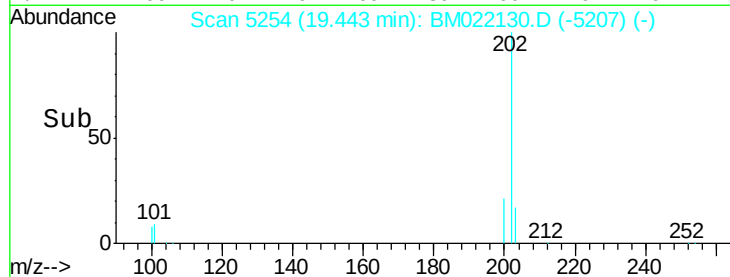
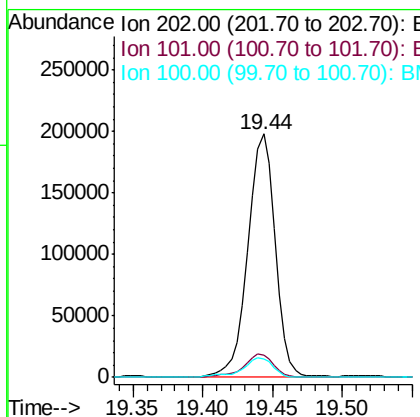
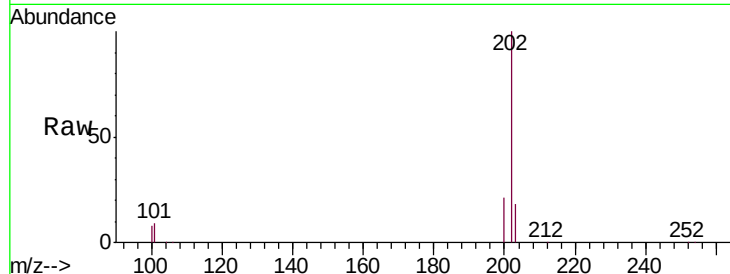
#17
Pyrene
 Concen: 15.962 ng/ul
 RT: 19.44 min Scan# 5254
 Delta R.T. -0.02 min
 Lab File: BM022130.D
 Acq: 15 Aug 2019 05:49

Instrument :
 BNA_M
 ClientSampled :
 CB5P1DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.3	8.3	12.5
100	7.7	7.2	10.8

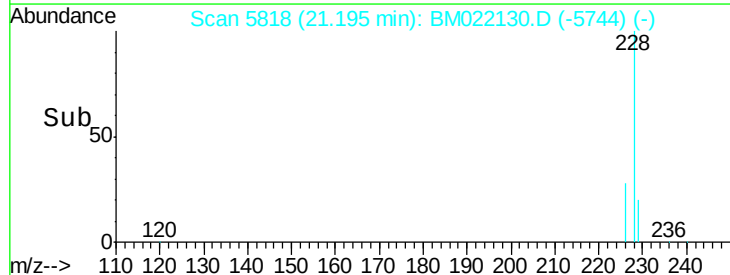
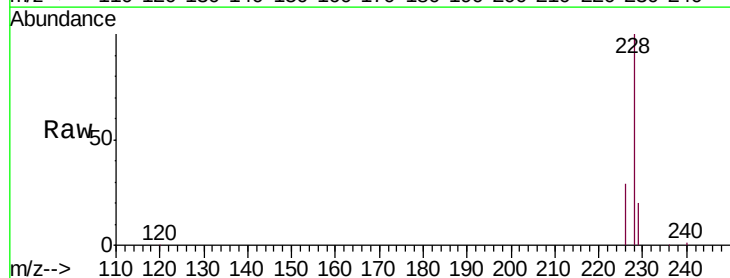
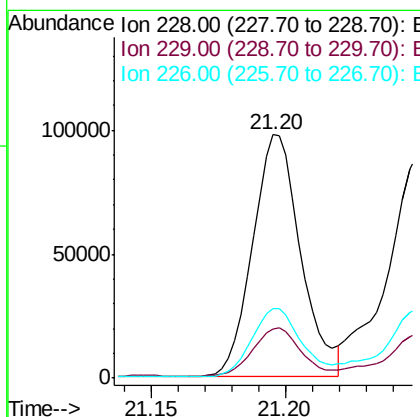
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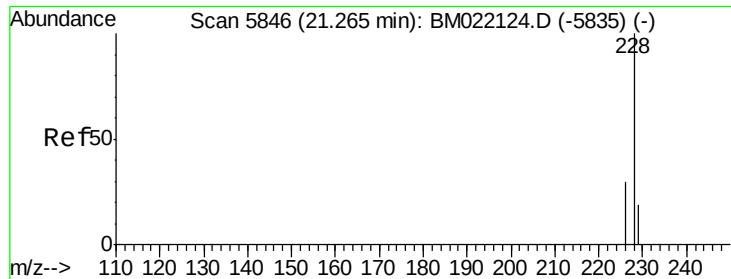
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#18
Benzo(a)anthracene
 Concen: 8.380 ng/ul
 RT: 21.20 min Scan# 5818
 Delta R.T. -0.02 min
 Lab File: BM022130.D
 Acq: 15 Aug 2019 05:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.4	17.2	25.8
226	28.6	22.6	34.0





#19

Chrysene

Concen: 6.807 ng/ul

RT: 21.25 min Scan# 5840

Delta R.T. -0.02 min

Lab File: BM022130.D

Acq: 15 Aug 2019 05:49

Instrument :

BNA_M

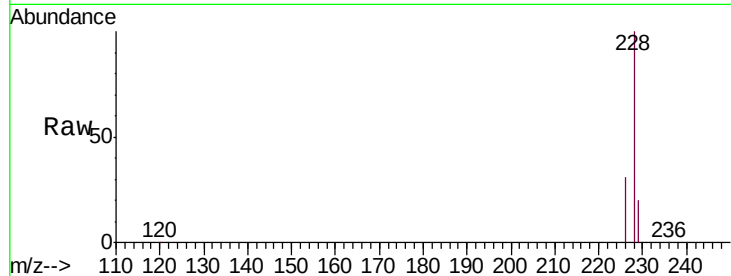
ClientSampled :

CB5P1DL

Tgt Ion:	228	Resp:	127924
Ion Ratio	Lower	Upper	
228	100		
226	31.3	24.9	37.3
229	19.9	16.6	25.0

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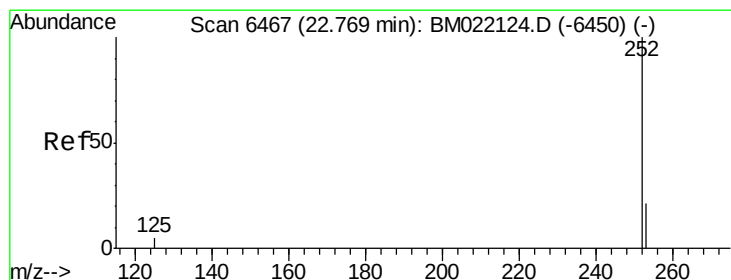
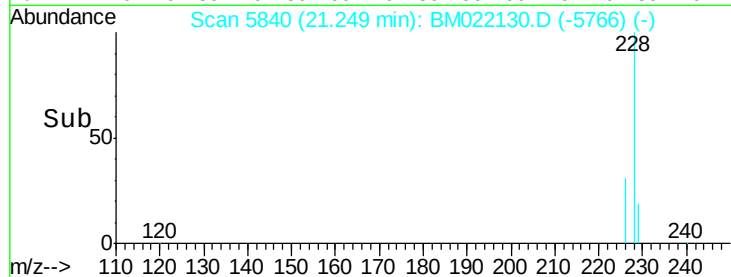
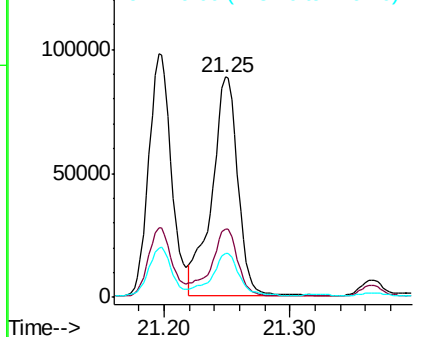
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 9.460 ng/ul m

RT: 22.76 min Scan# 6463

Delta R.T. -0.02 min

Lab File: BM022130.D

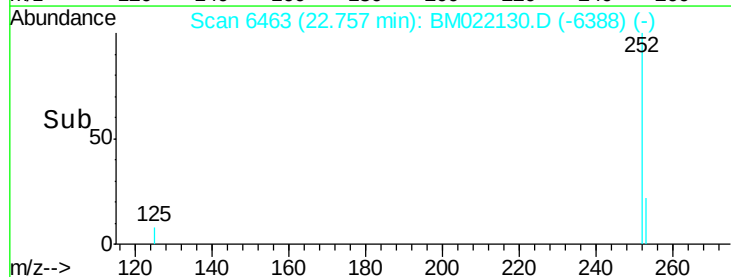
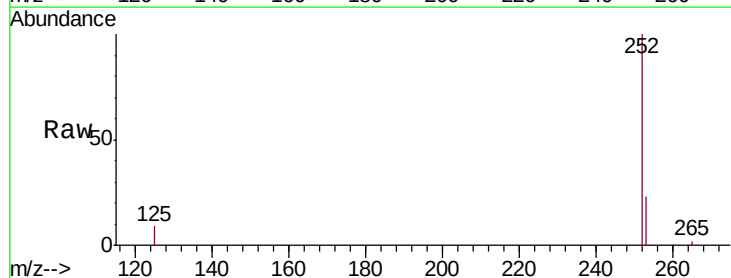
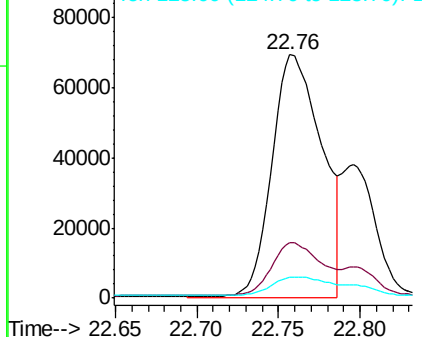
Acq: 15 Aug 2019 05:49

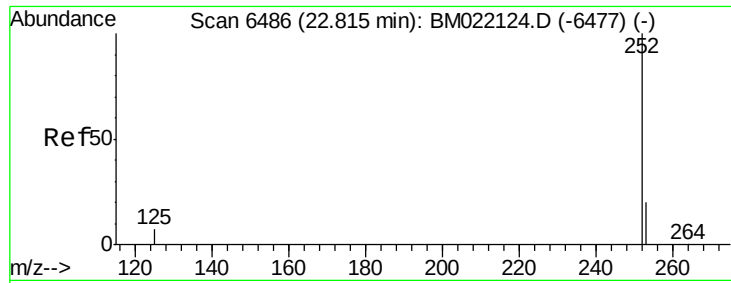
Tgt Ion:	252	Resp:	149264
Ion Ratio	Lower	Upper	
252	100		
253	22.7	0.0	67.4
125	8.6	0.0	31.0

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





#22

Benzo(k)fluoranthene

Concen: 3.183 ng/ul m

RT: 22.80 min Scan# 6479

Delta R.T. -0.03 min

Lab File: BM022130.D

Acq: 15 Aug 2019 05:49

Instrument :

BNA_M

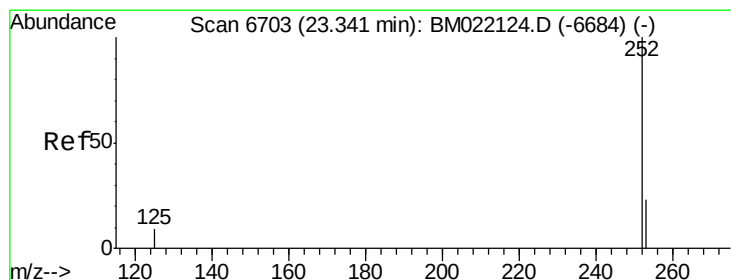
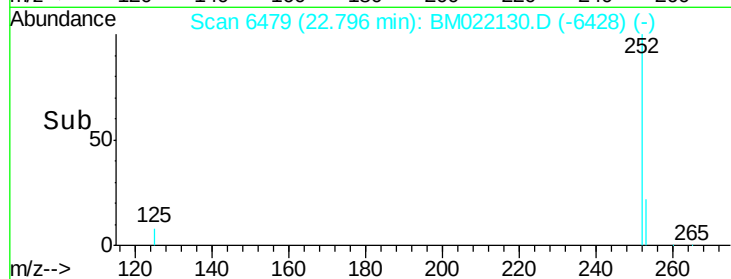
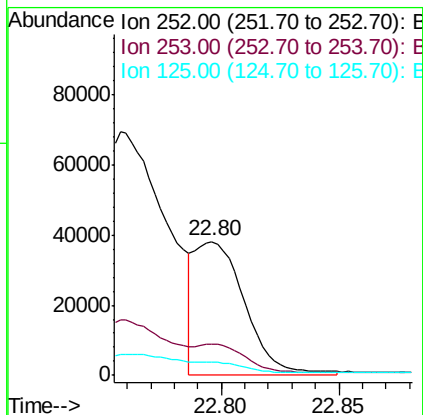
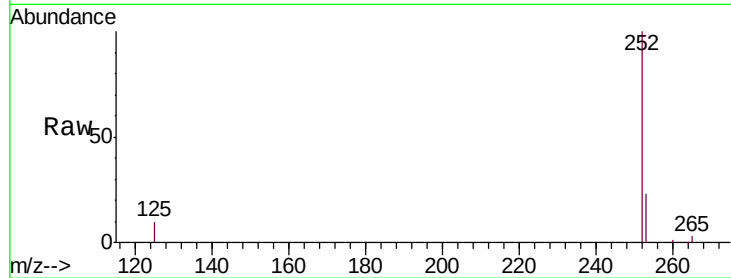
ClientSampleId :

CB5P1DL

Tgt Ion:	252	Resp:	56832
Ion Ratio	Lower	Upper	
252	100		
253	23.3	27.0	40.4#
125	9.9	12.2	18.2#

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#23

Benzo(a)pyrene

Concen: 6.641 ng/ul

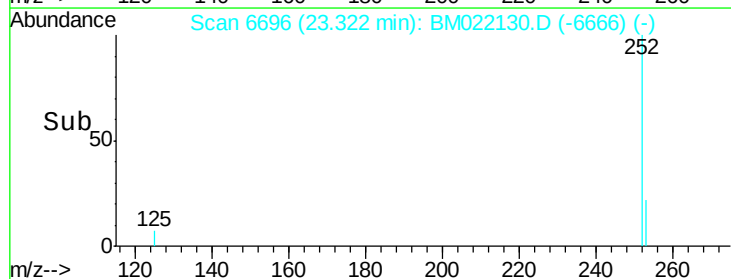
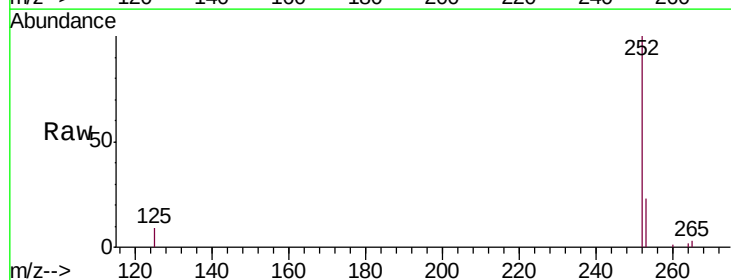
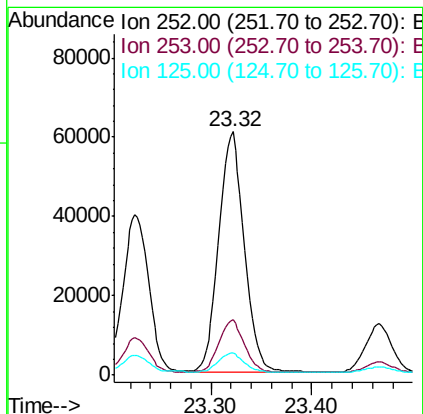
RT: 23.32 min Scan# 6696

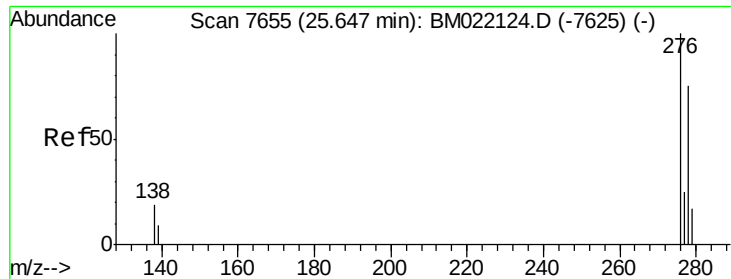
Delta R.T. -0.03 min

Lab File: BM022130.D

Acq: 15 Aug 2019 05:49

Tgt Ion:	252	Resp:	106566
Ion Ratio	Lower	Upper	
252	100		
253	22.6	31.7	47.5#
125	8.9	14.6	21.8#





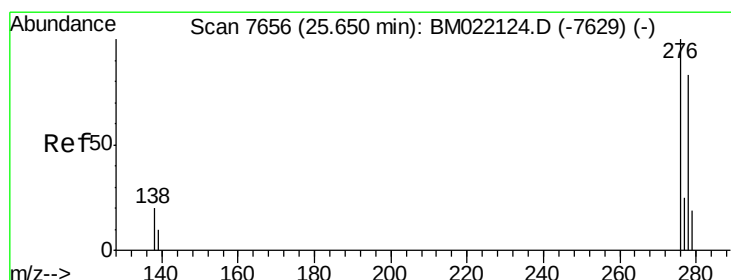
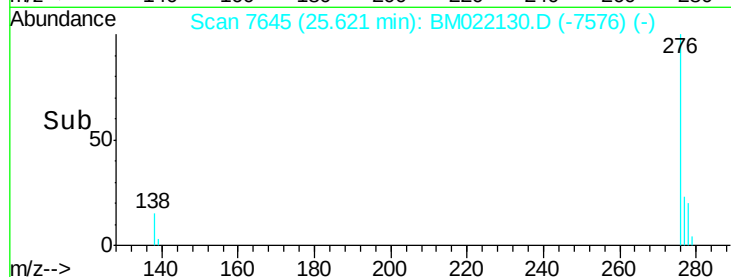
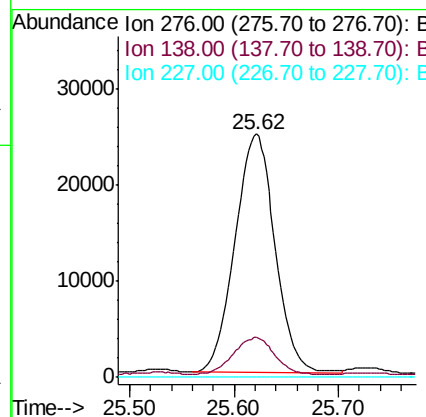
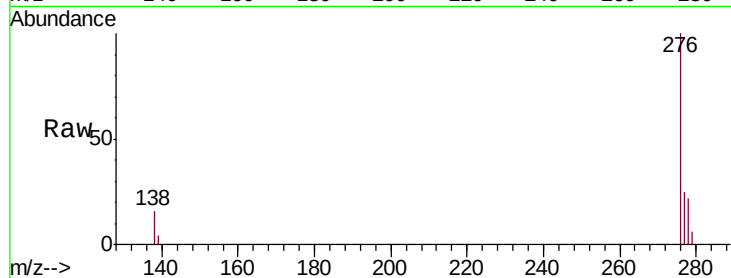
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 3.482 ng/ul
 RT: 25.62 min Scan# 7645
 Delta R.T. -0.03 min
 Lab File: BM022130.D
 Acq: 15 Aug 2019 05:49

Instrument :
 BNA_M
 ClientSampleId :
 CB5P1DL

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

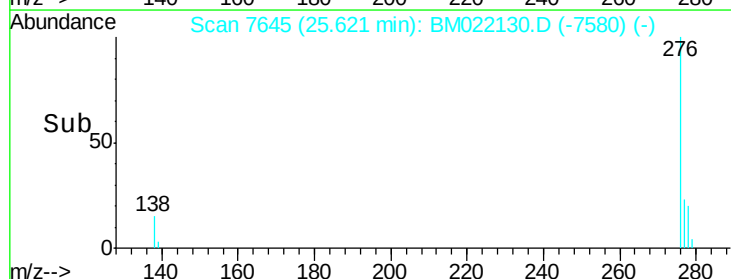
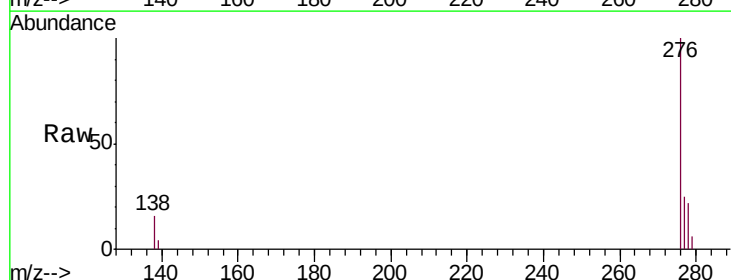
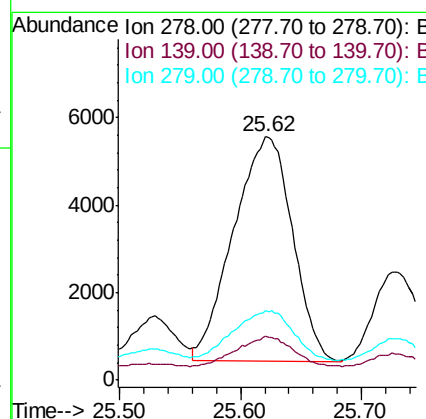
Manual Integrations
 APPROVED

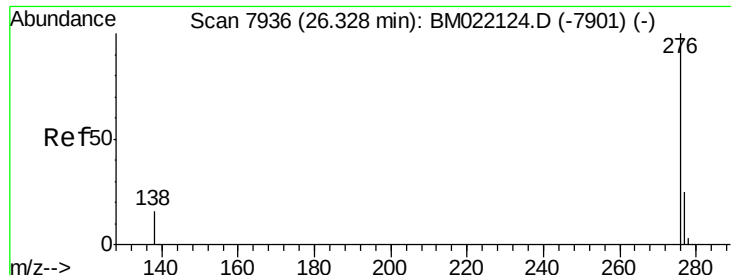
mohammad
 8/15/2019 5:10:13 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 1.121 ng/ul
 RT: 25.62 min Scan# 7645
 Delta R.T. -0.04 min
 Lab File: BM022130.D
 Acq: 15 Aug 2019 05:49

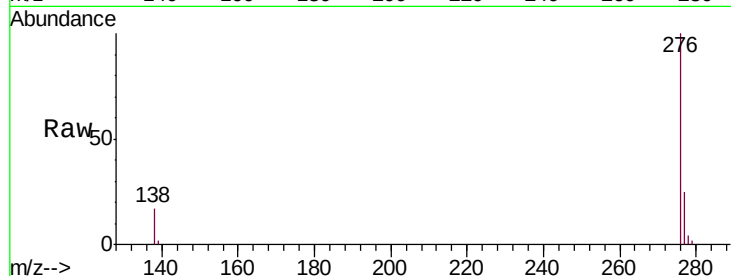
Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.0	14.2	21.2
279	28.4	28.3	42.5





#26
 Benzo(g,h,i)perylene
 Concen: 3.320 ng/ul
 RT: 26.30 min Scan# 7924
 Delta R.T. -0.04 min
 Lab File: BM022130.D
 Acq: 15 Aug 2019 05:49

Instrument :
 BNA_M
 ClientSampleId :
 CB5P1DL



Tgt Ion:	276	Resp:	57270
Ion Ratio	Lower	Upper	
276	100		
138	17.1	15.5	23.3
277	25.0	21.4	32.2

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:13 PM

