

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
 Data File : BM022013.D
 Acq On : 11 Aug 2019 02:19
 Operator : HP/JU
 Sample : K4028-04DL 5X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENQ6DL

Manual Integrations
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Sohil
 8/13/2019 8:46:40 AM

Quant Time: Aug 11 03:52:14 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 : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	744	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.40	136	3109	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1688	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.03	188	3825	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	3902	0.40	ng/ul	-0.02
20) Perylene-d12	23.43	264	4264	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	222	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	651	0.05	ng/ul	-0.02
Target Compounds				Qvalue		
3) Naphthalene	10.45	128	328	0.037	ng/ul#	57
5) 2-Methylnaphthalene	12.09	142	234	0.040	ng/ul	85
7) Acenaphthylene	13.99	152	1476	0.187	ng/ul#	82
8) Acenaphthene	14.33	153	509	0.079	ng/ul	92
9) Fluorene	15.33	166	639	0.089	ng/ul#	94
12) Phenanthrene	17.06	178	13323	1.197	ng/ul	97
13) Anthracene	17.16	178	3175	0.334	ng/ul	98
15) Fluoranthene	19.09	202	30427	2.041	ng/ul	97
17) Pyrene	19.45	202	36546	2.279	ng/ul	99
18) Benzo(a)anthracene	21.21	228	20358	1.459	ng/ul	98
19) Chrysene	21.26	228	22902	1.276	ng/ul	98
21) Benzo(b)fluoranthene	22.77	252	24913m	1.733	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	9363m	0.575	ng/ul	
23) Benzo(a)pyrene	23.34	252	19688	1.346	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	25.64	276	11841	0.678	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.65	278	3421	0.242	ng/ul#	81
26) Benzo(g,h,i)perylene	26.32	276	12418	0.790	ng/ul	99

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

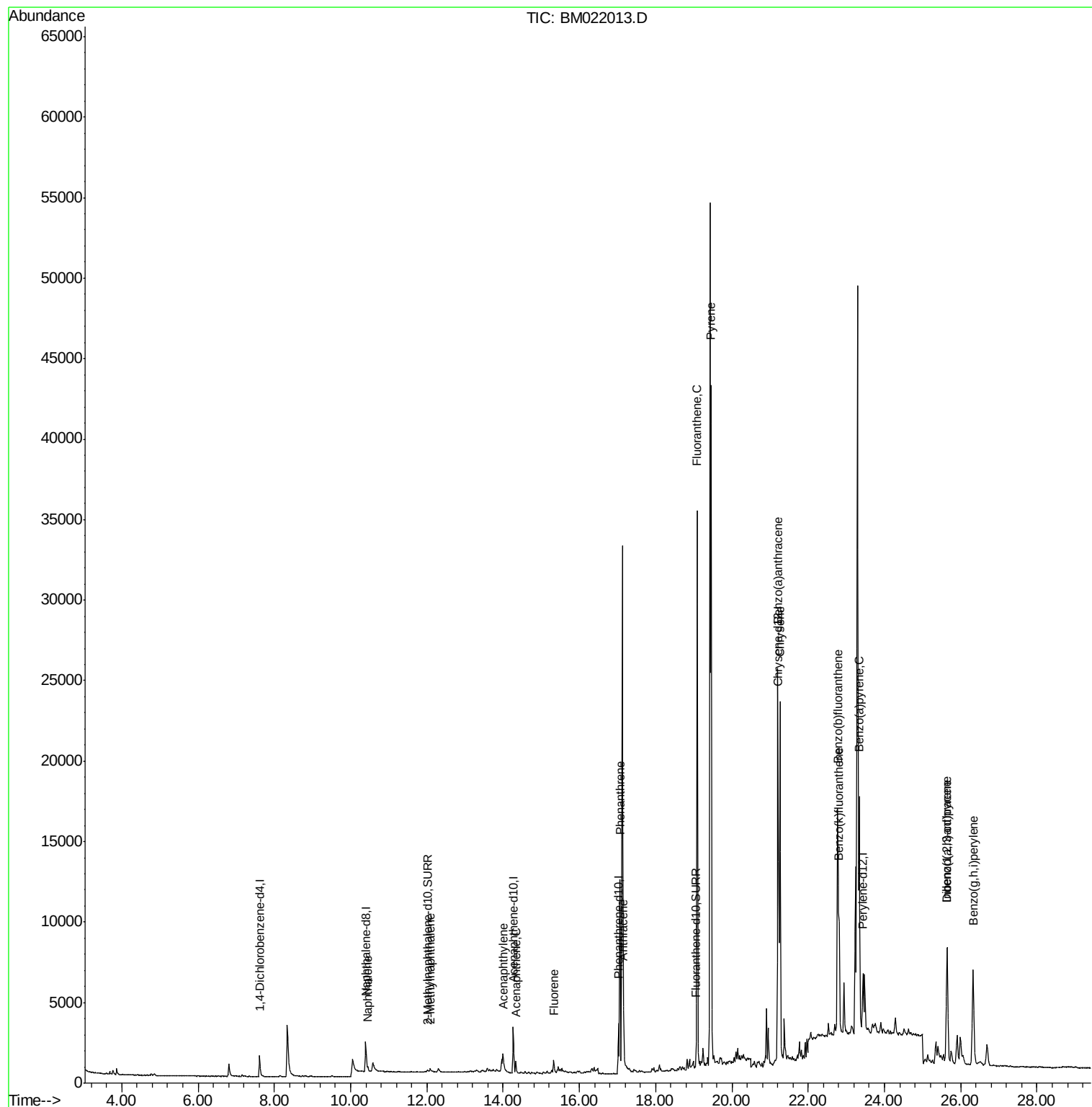
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
Data File : BM022013.D
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ALS Vial : 50 Sample Multiplier: 1

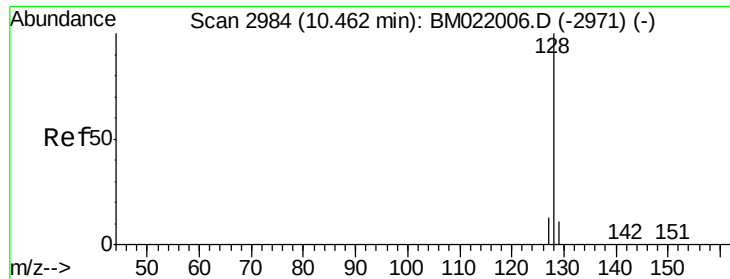
Instrument :
BNA_M
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BENQ6DL

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
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QLast Update : Sun Aug 11 01:49:36 2019
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#3

Naphthalene

Concen: 0.037 ng/ul

RT: 10.45 min Scan# 2981

Delta R.T. -0.02 min

Lab File: BM022013.D

Acq: 11 Aug 2019 02:19

Instrument :

BNA_M

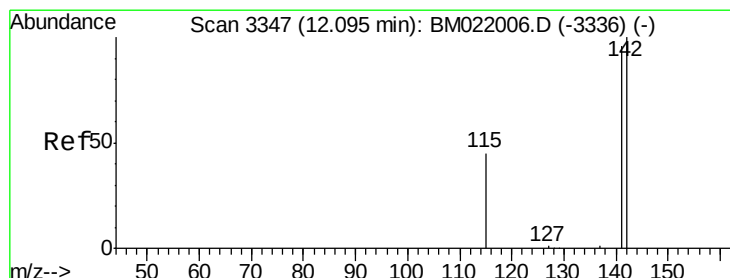
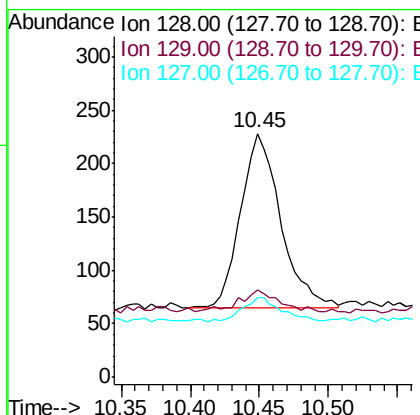
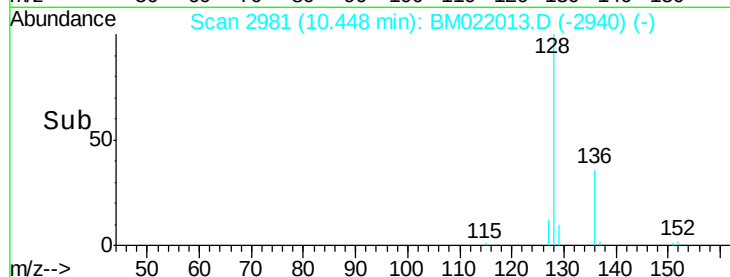
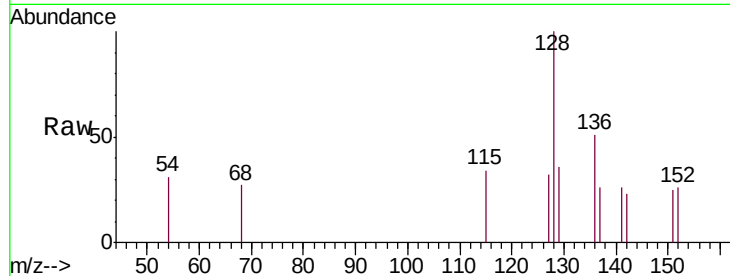
ClientSampleId :

BENQ6DL

Tgt Ion:	128	Resp:	328
Ion Ratio	Lower	Upper	
128	100		
129	36.0	12.3	18.5#
127	32.5	13.0	19.6#

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#5

2-Methylnaphthalene

Concen: 0.040 ng/ul

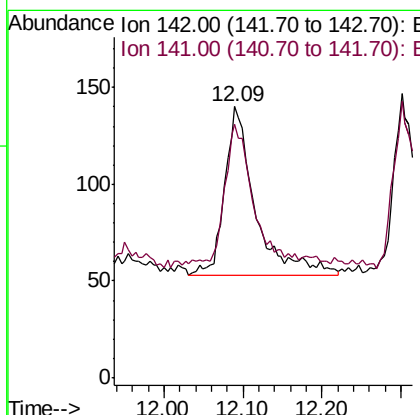
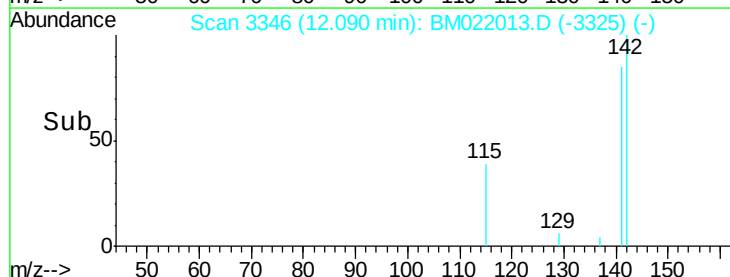
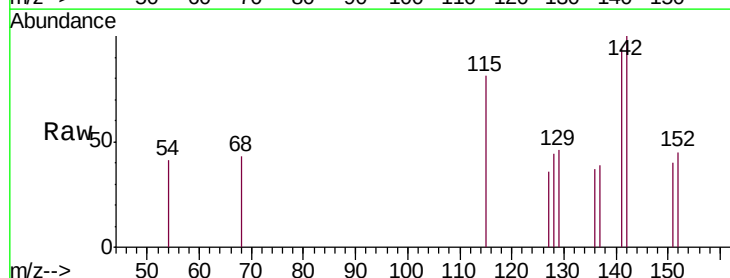
RT: 12.09 min Scan# 3346

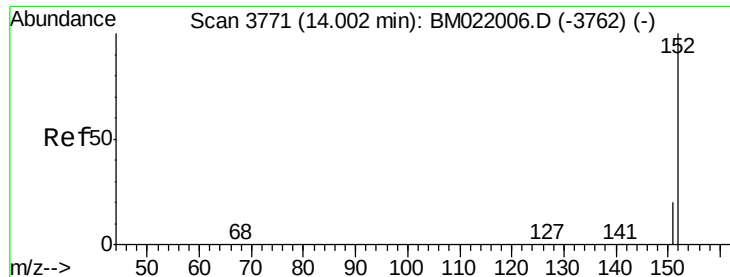
Delta R.T. -0.01 min

Lab File: BM022013.D

Acq: 11 Aug 2019 02:19

Tgt Ion:	142	Resp:	234
Ion Ratio	Lower	Upper	
142	100		
141	78.2	74.3	111.5





#7

Acenaphthylene

Concen: 0.187 ng/ul

RT: 13.99 min Scan# 3769

Delta R.T. -0.02 min

Lab File: BM022013.D

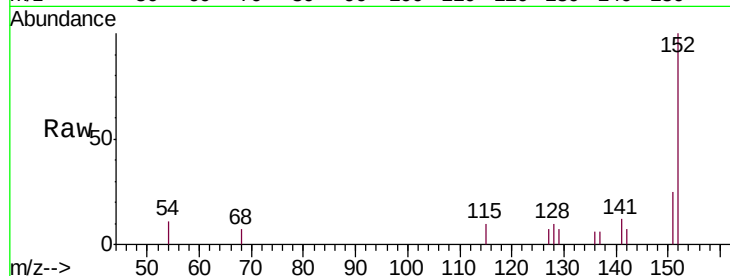
Acq: 11 Aug 2019 02:19

Instrument :

BNA_M

ClientSampleId :

BENQ6DL



Tgt Ion:152 Resp: 1476

Ion Ratio Lower Upper

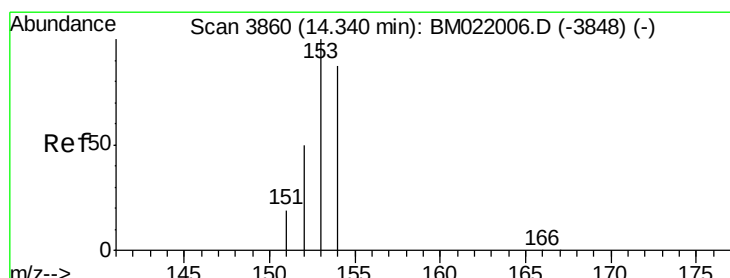
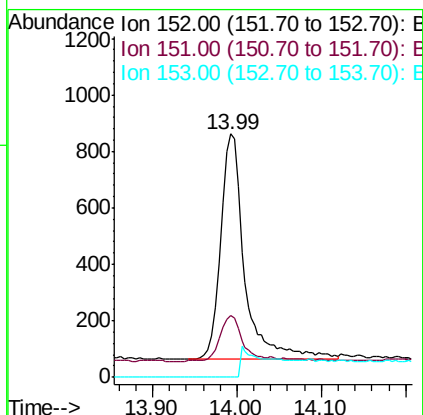
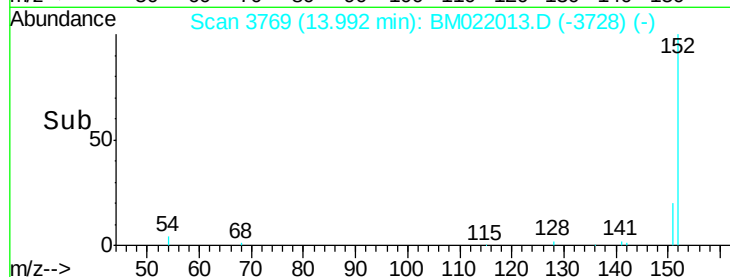
152 100

151 25.3 18.3 27.5

153 0.0 12.8 19.2#

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#8

Acenaphthene

Concen: 0.079 ng/ul

RT: 14.33 min Scan# 3858

Delta R.T. -0.01 min

Lab File: BM022013.D

Acq: 11 Aug 2019 02:19

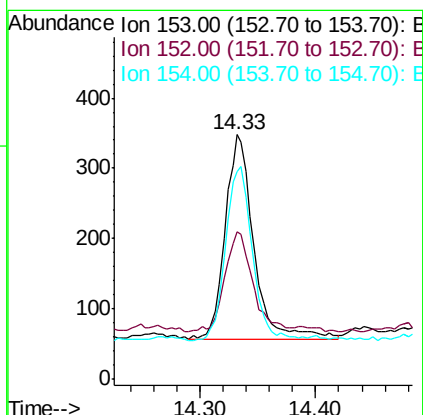
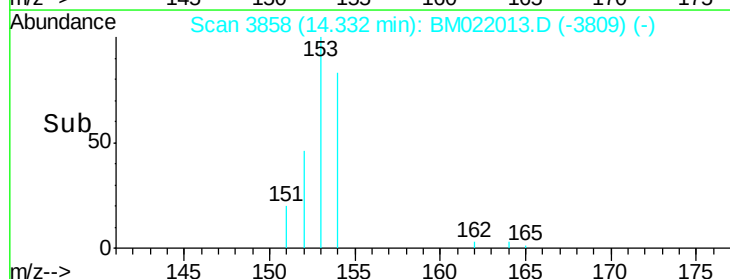
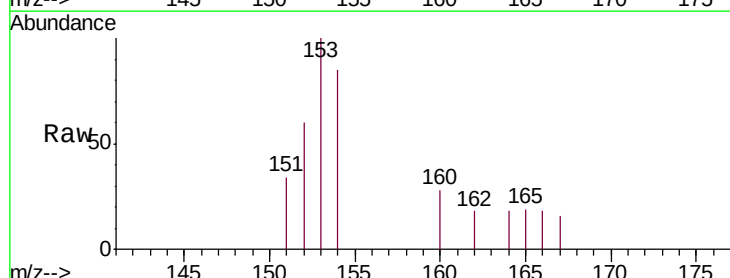
Tgt Ion:153 Resp: 509

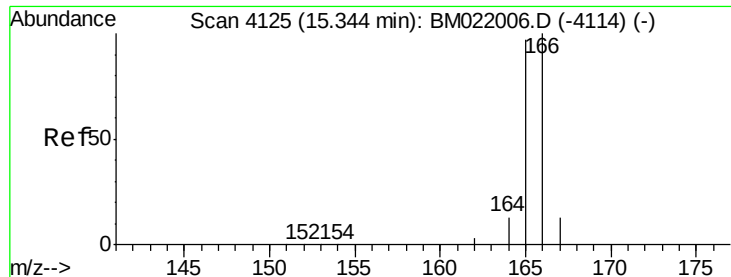
Ion Ratio Lower Upper

153 100

152 60.3 41.3 61.9

154 84.8 72.3 108.5





#9

Fluorene

Concen: 0.089 ng/ul

RT: 15.33 min Scan# 4121

Delta R.T. -0.02 min

Lab File: BM022013.D

Acq: 11 Aug 2019 02:19

Instrument :

BNA_M

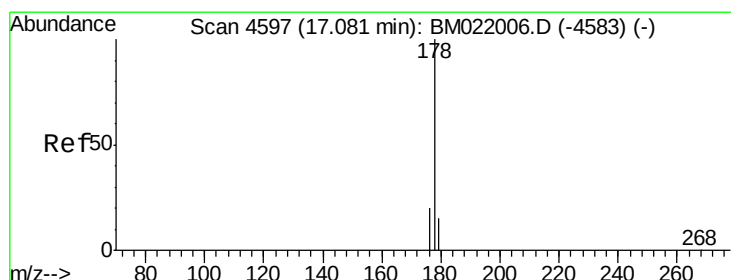
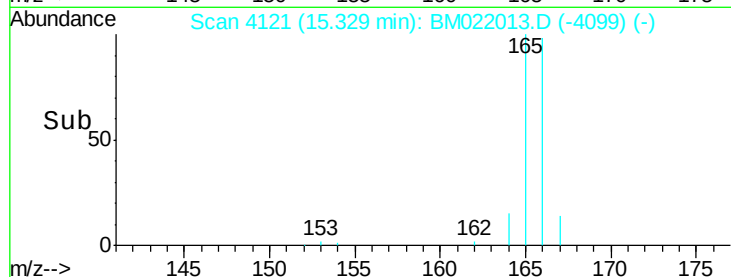
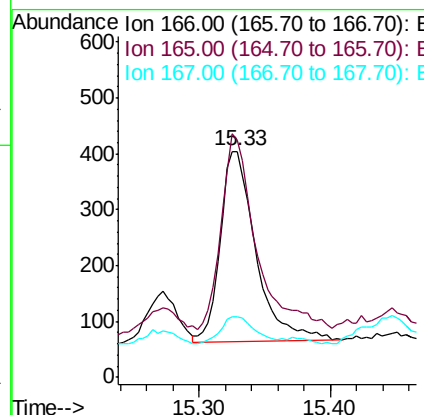
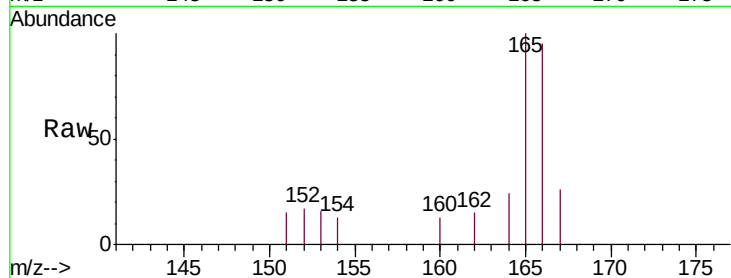
ClientSampleId :

BENQ6DL

Tgt Ion:	166	Resp:	639
Ion Ratio	Lower	Upper	
166	100		
165	105.2	81.4	122.0
167	27.0	13.7	20.5#

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#12

Phenanthrene

Concen: 1.197 ng/ul

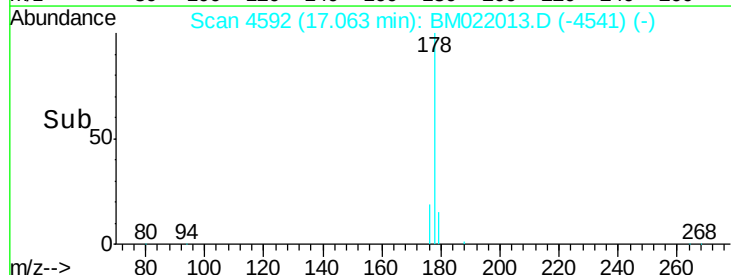
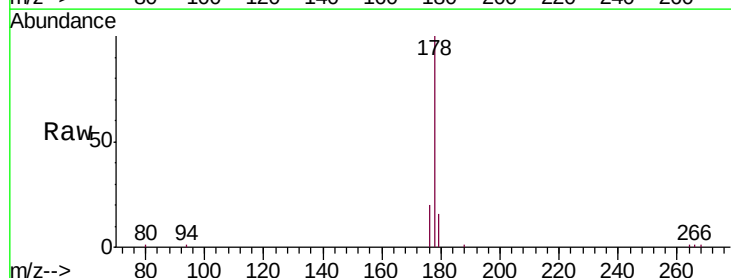
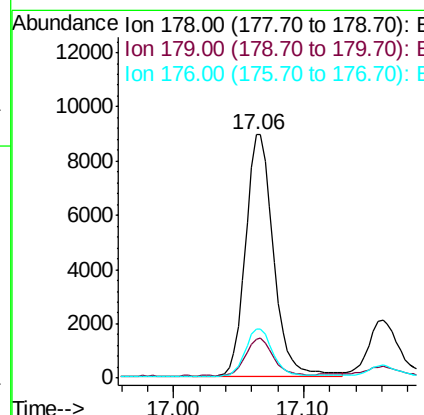
RT: 17.06 min Scan# 4592

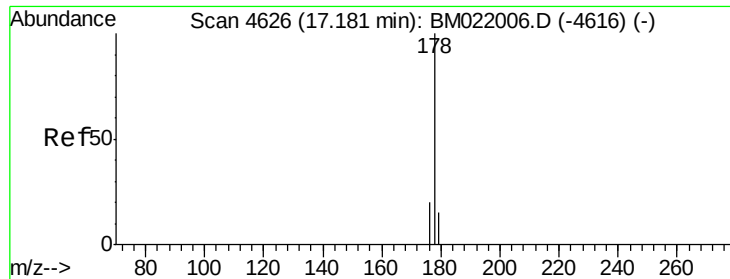
Delta R.T. -0.02 min

Lab File: BM022013.D

Acq: 11 Aug 2019 02:19

Tgt Ion:	178	Resp:	13323
Ion Ratio	Lower	Upper	
178	100		
179	16.0	14.2	21.2
176	20.1	16.8	25.2





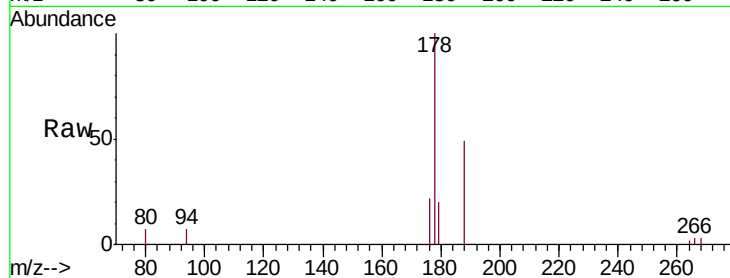
#13
 Anthracene
 Concen: 0.334 ng/ul
 RT: 17.16 min Scan# 4620
 Delta R.T. -0.02 min
 Lab File: BM022013.D
 Acq: 11 Aug 2019 02:19

Instrument :
 BNA_M
 ClientSampleId :
 BENQ6DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.1	15.5	23.3
176	21.8	16.6	25.0

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Abundance

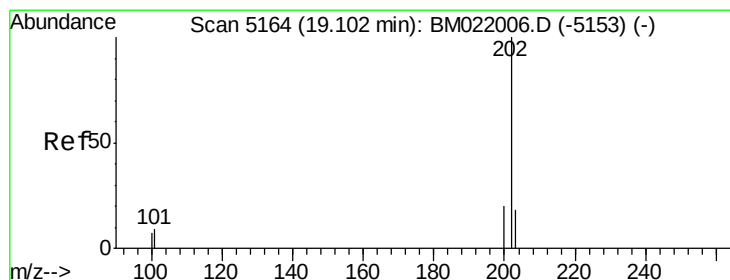
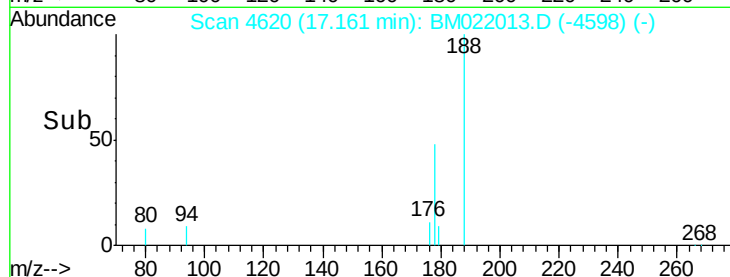
Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

17.16

Time-->



#15
 Fluoranthene
 Concen: 2.041 ng/ul
 RT: 19.09 min Scan# 5161
 Delta R.T. -0.02 min
 Lab File: BM022013.D
 Acq: 11 Aug 2019 02:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	30.2
100	6.8	0.0	28.1

Abundance

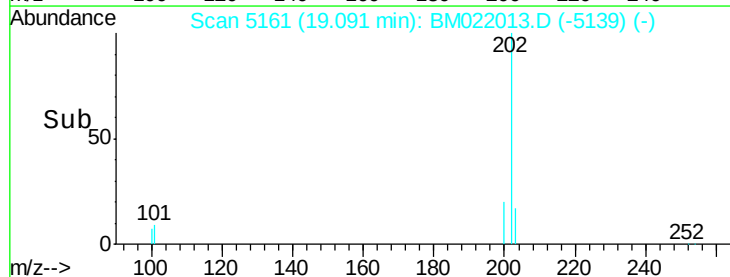
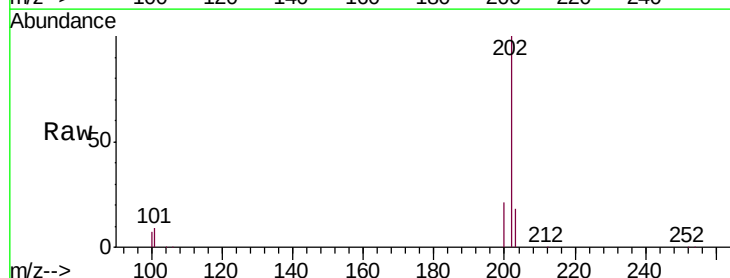
Ion 202.00 (201.70 to 202.70): E

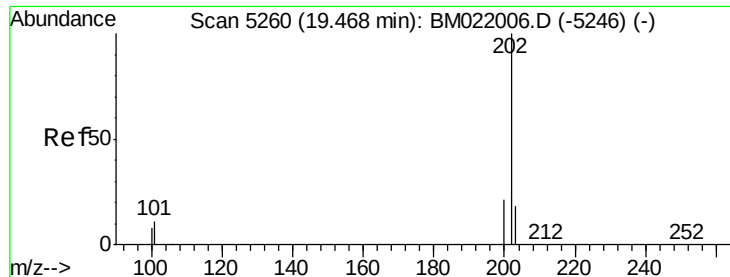
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

19.09

Time-->





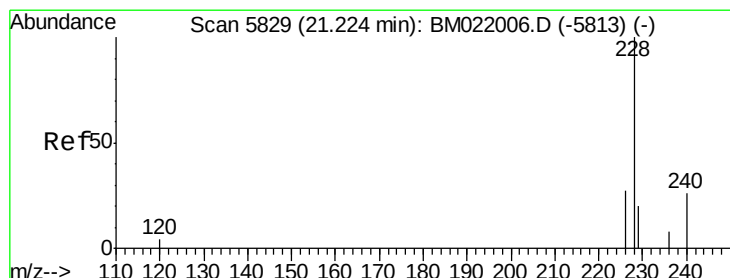
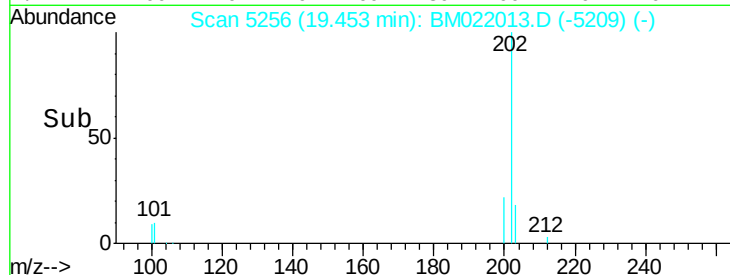
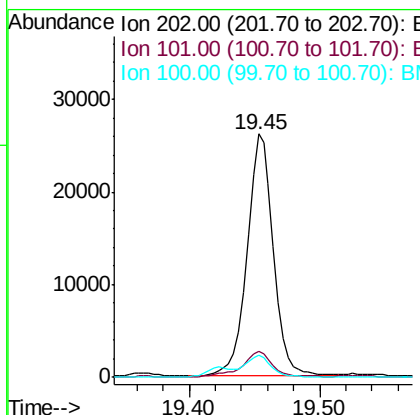
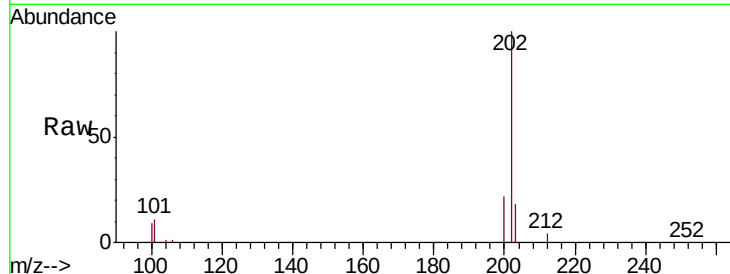
#17
Pyrene
Concen: 2.279 ng/ul
RT: 19.45 min Scan# 5256
Delta R.T. -0.02 min
Lab File: BM022013.D
Acq: 11 Aug 2019 02:19

Instrument :
BNA_M
ClientSampleId :
BENQ6DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.6	8.3	12.5
100	9.1	7.2	10.8

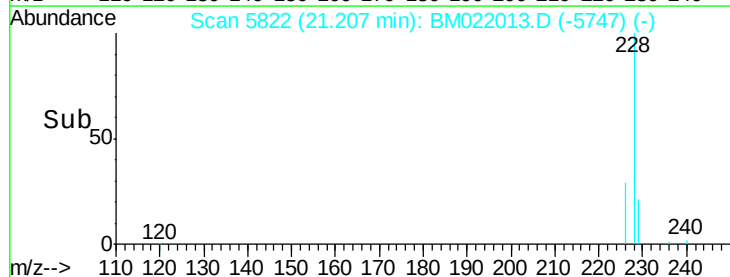
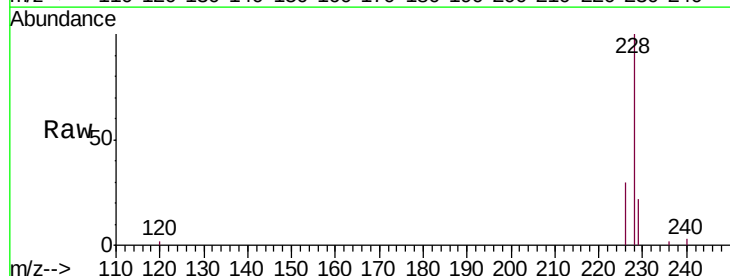
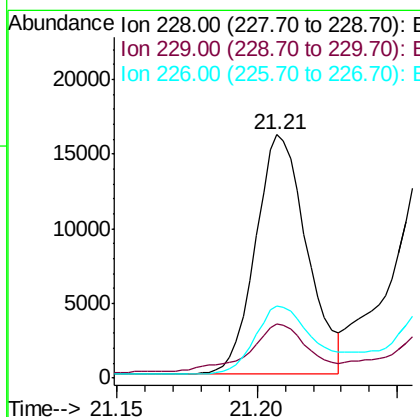
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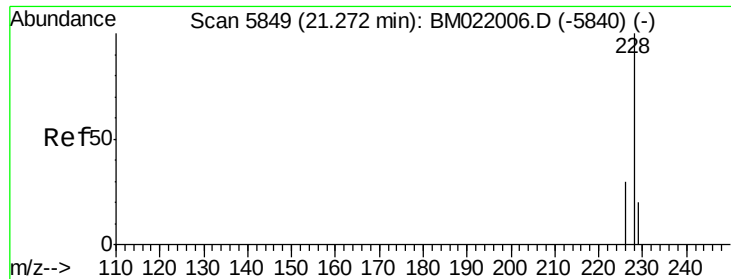
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#18
Benzo(a)anthracene
Concen: 1.459 ng/ul
RT: 21.21 min Scan# 5822
Delta R.T. -0.02 min
Lab File: BM022013.D
Acq: 11 Aug 2019 02:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	22.2	17.2	25.8
226	29.7	22.6	34.0





#19

Chrysene

Concen: 1.276 ng/ul

RT: 21.26 min Scan# 5844

Delta R.T. -0.02 min

Lab File: BM022013.D

Acq: 11 Aug 2019 02:19

Instrument :

BNA_M

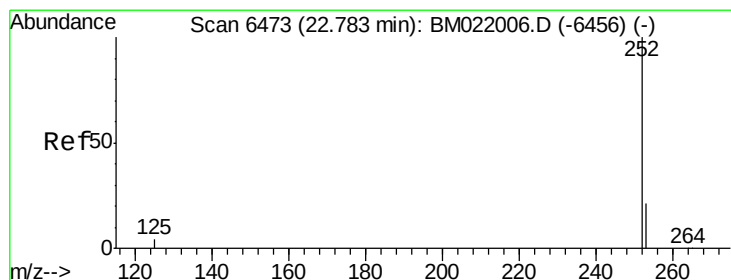
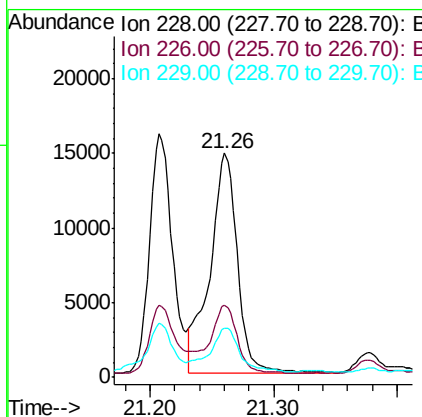
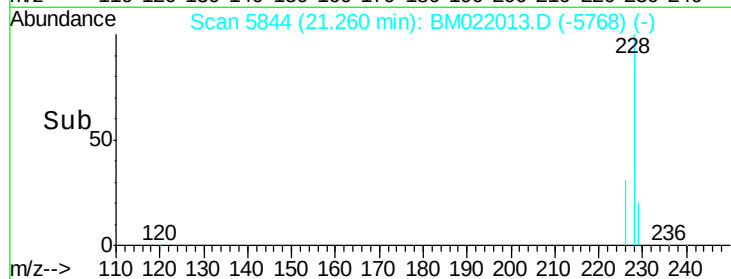
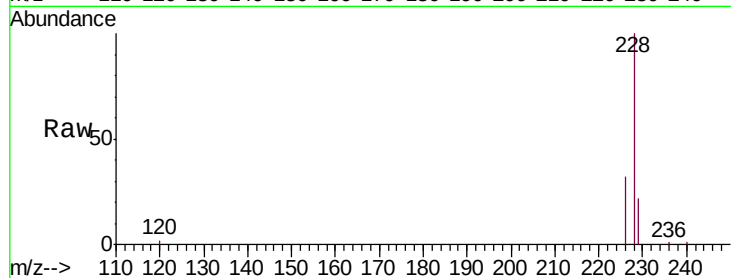
ClientSampleId :

BENQ6DL

Tgt Ion:	228	Resp:	22902
Ion Ratio	Lower	Upper	
228	100		
226	32.1	24.9	37.3
229	21.7	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 1.733 ng/ul m

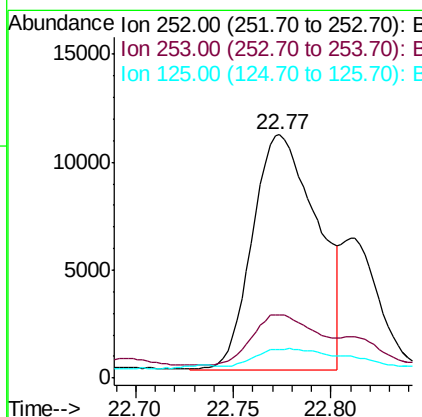
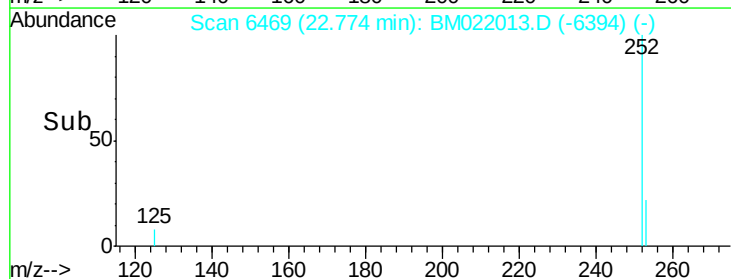
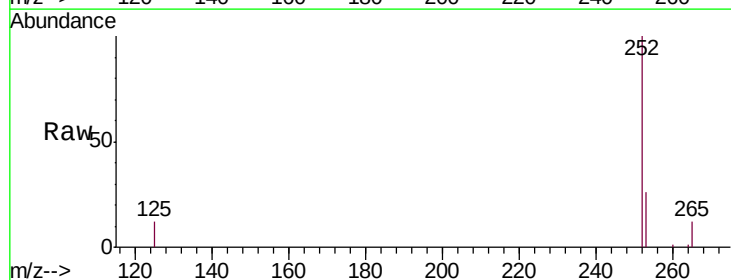
RT: 22.77 min Scan# 6469

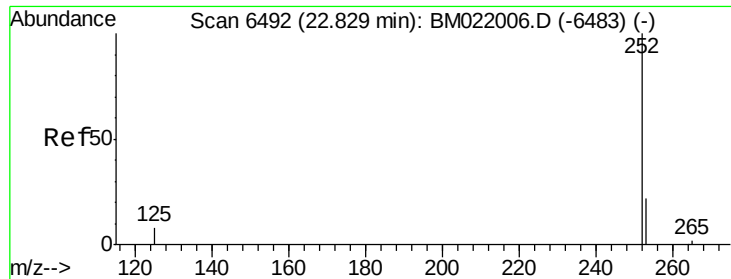
Delta R.T. -0.02 min

Lab File: BM022013.D

Acq: 11 Aug 2019 02:19

Tgt Ion:	252	Resp:	24913
Ion Ratio	Lower	Upper	
252	100		
253	25.8	0.0	67.4
125	11.5	0.0	31.0





#22

Benzo(k)fluoranthene

Concen: 0.575 ng/ul m

RT: 22.81 min Scan# 6484

Delta R.T. -0.02 min

Lab File: BM022013.D

Acq: 11 Aug 2019 02:19

Instrument :

BNA_M

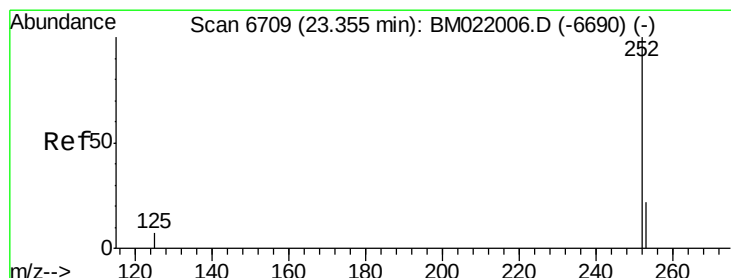
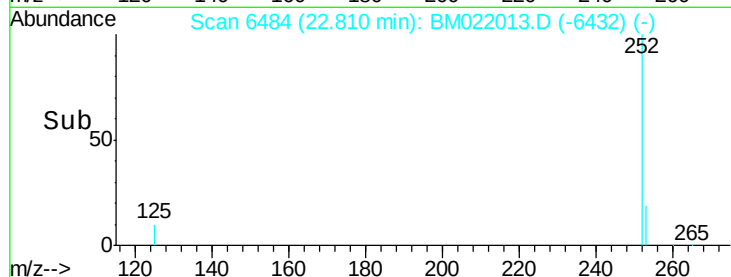
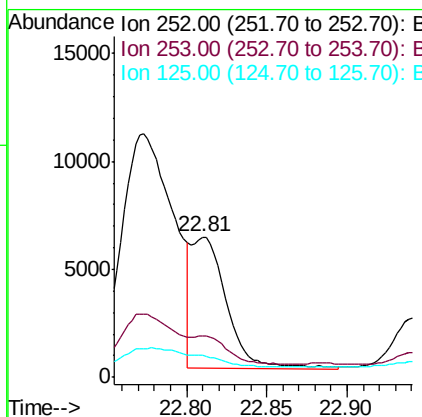
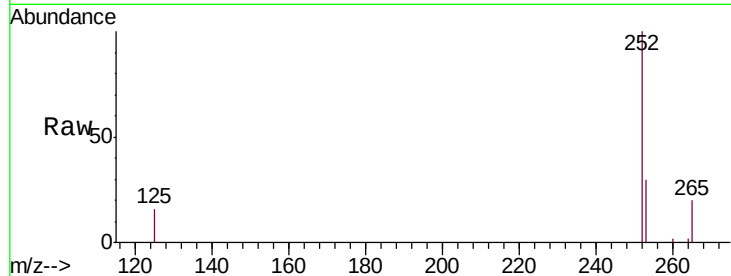
ClientSampled :

BENQ6DL

Tgt Ion:	252	Resp:	9363
Ion Ratio	Lower	Upper	
252	100		
253	29.7	27.0	40.4
125	15.6	12.2	18.2

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#23

Benzo(a)pyrene

Concen: 1.346 ng/ul

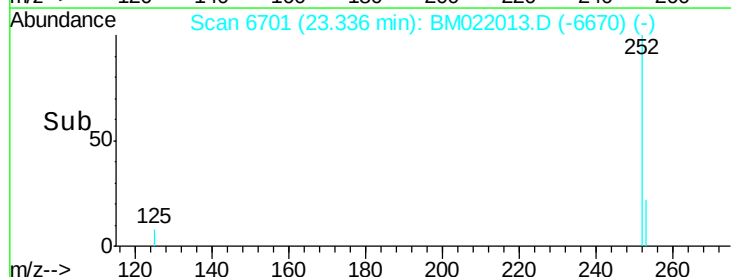
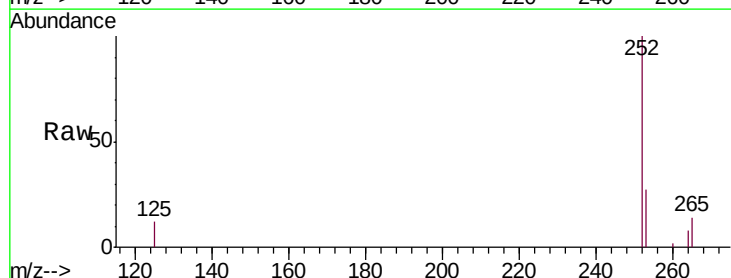
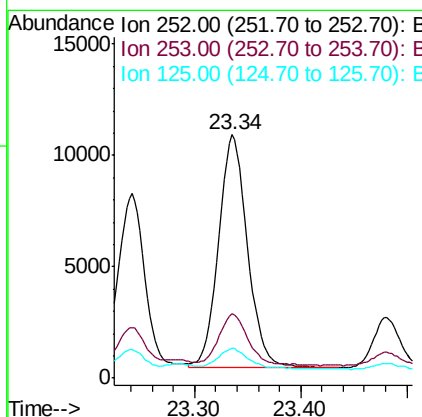
RT: 23.34 min Scan# 6701

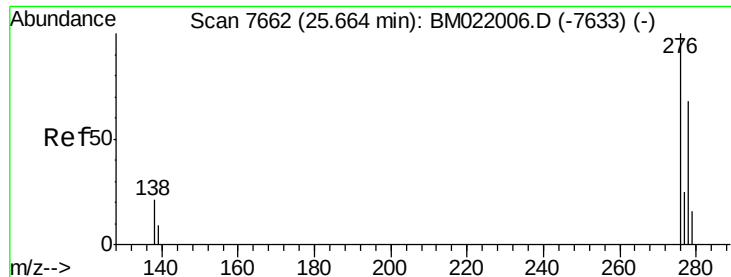
Delta R.T. -0.02 min

Lab File: BM022013.D

Acq: 11 Aug 2019 02:19

Tgt Ion:	252	Resp:	19688
Ion Ratio	Lower	Upper	
252	100		
253	26.7	31.7	47.5#
125	12.2	14.6	21.8#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.678 ng/ul

RT: 25.64 min Scan# 7654

Delta R.T. -0.03 min

Lab File: BM022013.D

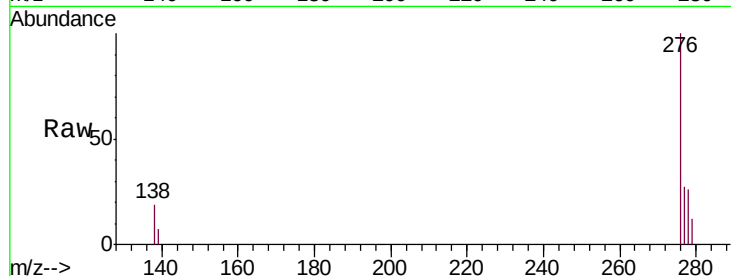
Acq: 11 Aug 2019 02:19

Instrument :

BNA_M

ClientSampleId :

BENQ6DL



Tgt Ion: 276 Resp: 11841

Ion Ratio Lower Upper

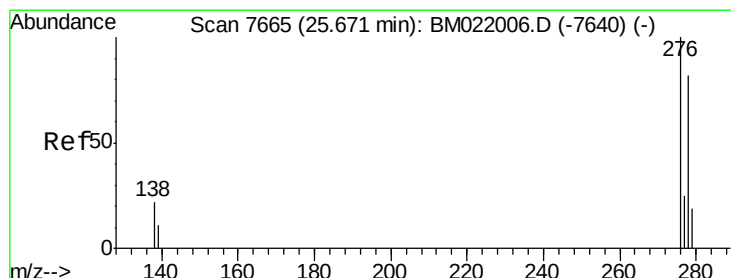
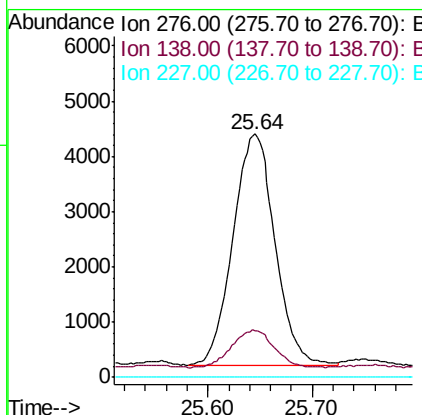
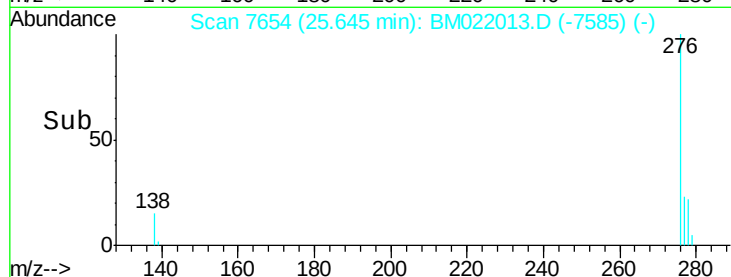
276 100

138 16.0 15.1 22.7

227 0.0 0.0 0.0

Manual Integrations
APPROVED

Sohil
8/13/2019 8:46:40 AM



#25

Dibenzo(a,h)anthracene

Concen: 0.242 ng/ul

RT: 25.65 min Scan# 7655

Delta R.T. -0.03 min

Lab File: BM022013.D

Acq: 11 Aug 2019 02:19

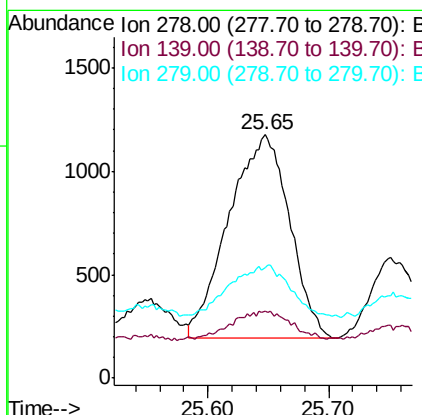
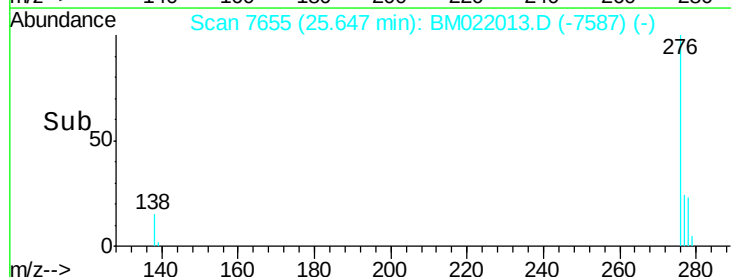
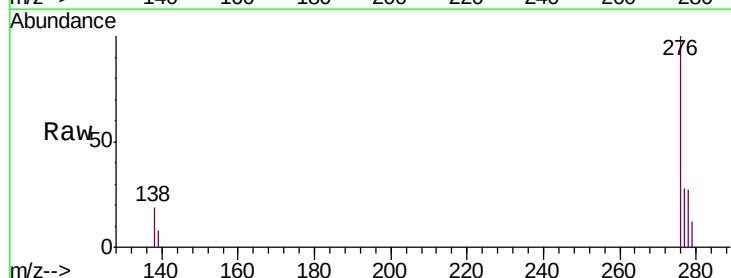
Tgt Ion: 278 Resp: 3421

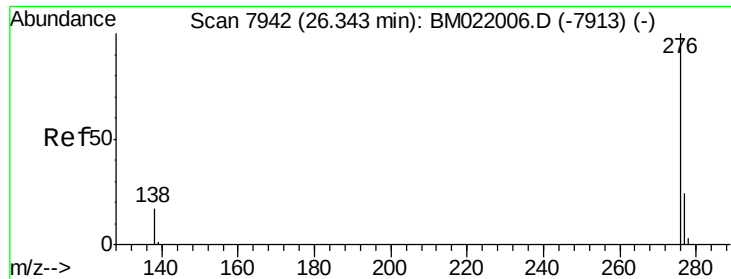
Ion Ratio Lower Upper

278 100

139 27.6 14.2 21.2#

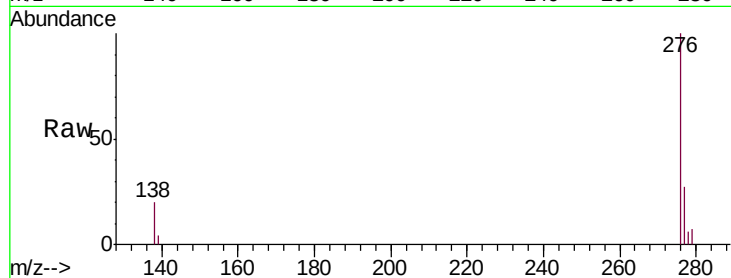
279 45.5 28.3 42.5#





#26
 Benzo(g,h,i)perylene
 Concen: 0.790 ng/ul
 RT: 26.32 min Scan# 7934
 Delta R.T. -0.03 min
 Lab File: BM022013.D
 Acq: 11 Aug 2019 02:19

Instrument :
 BNA_M
 ClientSampleId :
 BENQ6DL



Tgt Ion:	276	Resp:	12418
Ion Ratio		Lower	Upper
276	100		
138	19.9	15.5	23.3
277	27.0	21.4	32.2

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:46:40 AM

