

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081219\
 Data File : BM022028.D
 Acq On : 12 Aug 2019 12:50
 Operator : HP/JU
 Sample : K4028-04DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENQ6DL

Manual Integrations
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Sohil
 8/13/2019 9:57:08 AM

Quant Time: Aug 12 14:26:48 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 : Mon Aug 12 14:07:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	752	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.40	136	3279	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.27	164	1822	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.02	188	4088	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	4126	0.40	ng/ul	-0.02
20) Perylene-d12	23.44	264	4359	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	193	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	534	0.04	ng/ul	-0.02
Target Compounds					Ovalue	
3) Naphthalene	10.45	128	298	0.032	ng/ul#	52
5) 2-Methylnaphthalene	12.09	142	170	0.028	ng/ul	94
7) Acenaphthylene	13.99	152	1160	0.137	ng/ul#	80
8) Acenaphthene	14.33	153	404	0.058	ng/ul	94
9) Fluorene	15.33	166	518	0.067	ng/ul#	94
12) Phenanthrene	17.07	178	11860	0.997	ng/ul	97
13) Anthracene	17.16	178	3014	0.297	ng/ul	99
15) Fluoranthene	19.09	202	26837	1.684	ng/ul	96
17) Pyrene	19.45	202	32534	1.919	ng/ul	99
18) Benzo(a)anthracene	21.21	228	18093	1.226	ng/ul	98
19) Chrysene	21.26	228	20497	1.080	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	20721m	1.410	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	8772m	0.527	ng/ul	
23) Benzo(a)pyrene	23.34	252	16901	1.131	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.65	276	10243	0.574	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.65	278	2888	0.200	ng/ul#	83
26) Benzo(a,h,i)perylene	26.33	276	10729	0.668	ng/ul	99

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

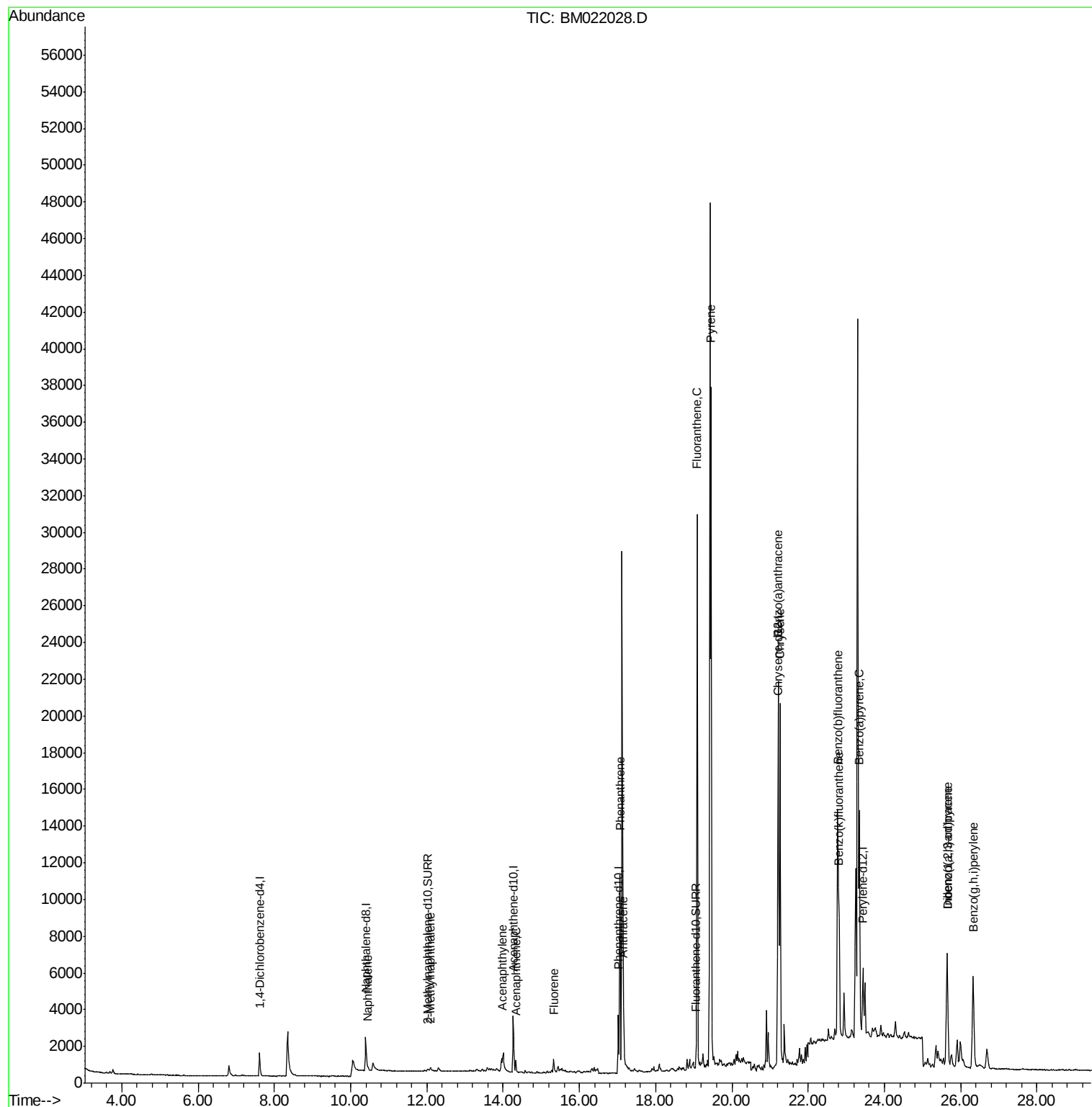
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081219\
Data File : BM022028.D
Acq On : 12 Aug 2019 12:50
Operator : HP/JU
Sample : K4028-04DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

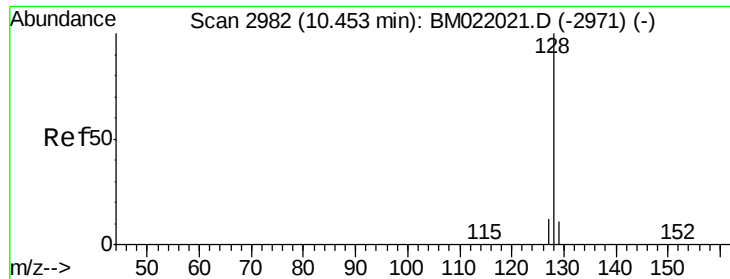
Instrument :
BNA_M
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BENQ6DL

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
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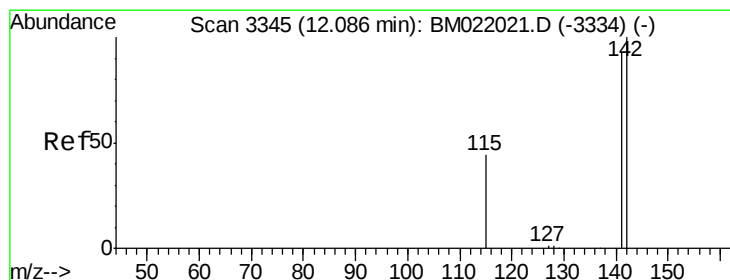
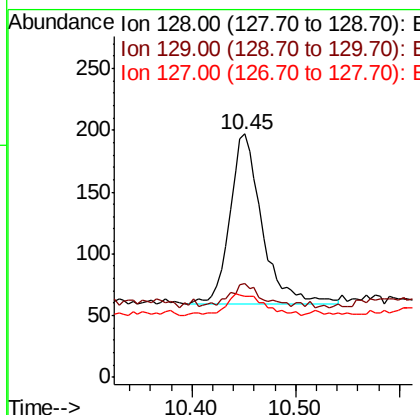
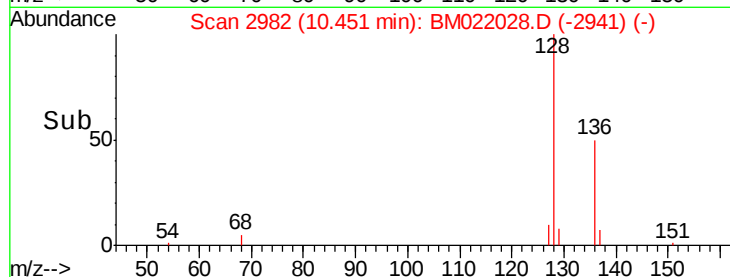
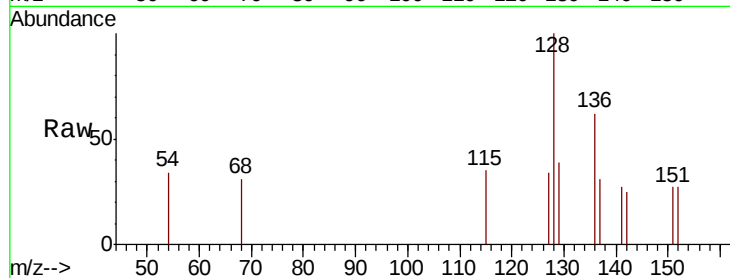
#3
Naphthalene
Concen: 0.032 ng/ul
RT: 10.45 min Scan# 2982
Delta R.T. -0.01 min
Lab File: BM022028.D
Acq: 12 Aug 2019 12:50

Instrument :
BNA_M
ClientSampleId :
BENQ6DL

Tot Ion:	128	Resp:	298
Ion Ratio	Lower	Upper	
128	100		
129	38.6	12.3	18.5#
127	33.5	13.0	19.6#

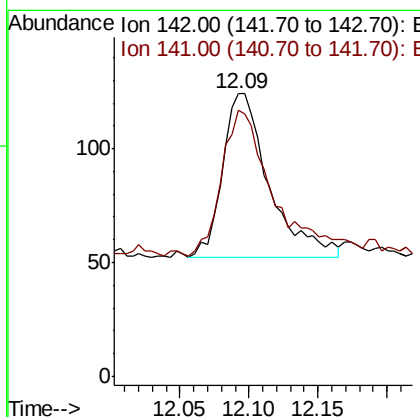
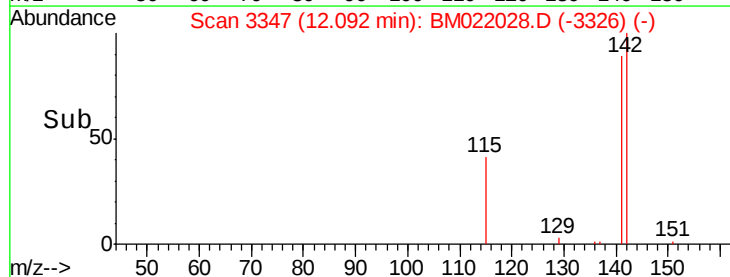
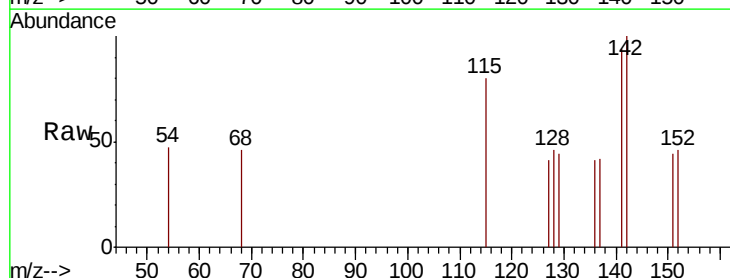
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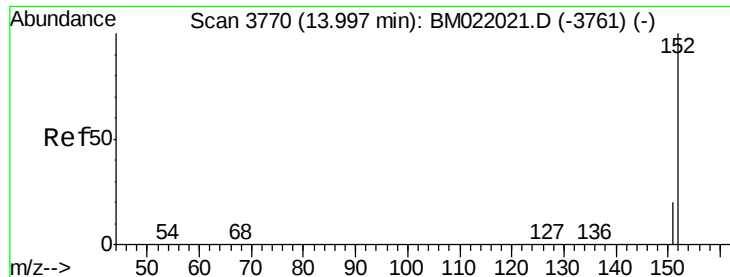
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#5
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.09 min Scan# 3347
Delta R.T. -0.00 min
Lab File: BM022028.D
Acq: 12 Aug 2019 12:50

Tgt Ion:	142	Resp:	170
Ion Ratio	Lower	Upper	
142	100		
141	98.8	74.3	111.5





#7

Acenaphthylene

Concen: 0.137 ng/ul

RT: 13.99 min Scan# 3769

Delta R.T. -0.02 min

Lab File: BM022028.D

Acq: 12 Aug 2019 12:50

Instrument :

BNA_M

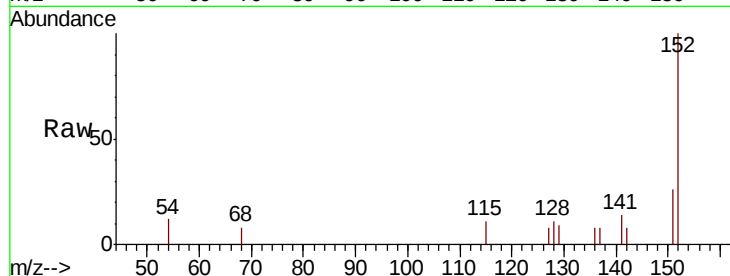
ClientSampleId :

BENQ6DL

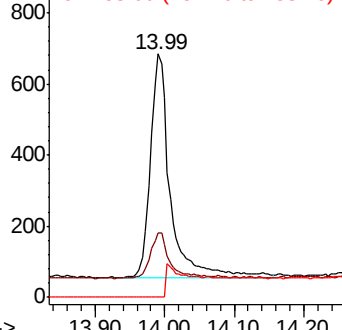
Tot Ion:	152	Resp:	1160
Ion Ratio	Lower	Upper	
152	100		
151	26.4	18.3	27.5
153	0.0	12.8	19.2#

Manual Integrations
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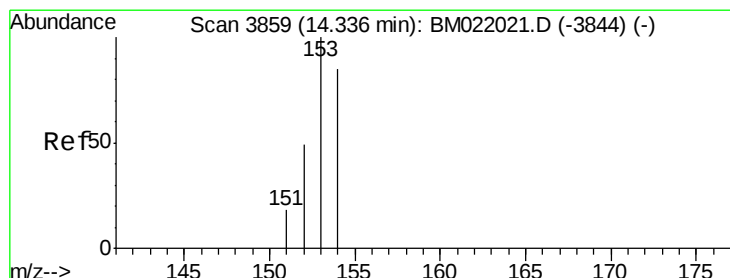
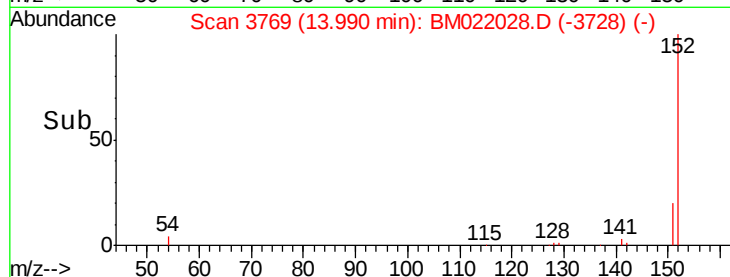
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Time-->



#8

Acenaphthene

Concen: 0.058 ng/ul

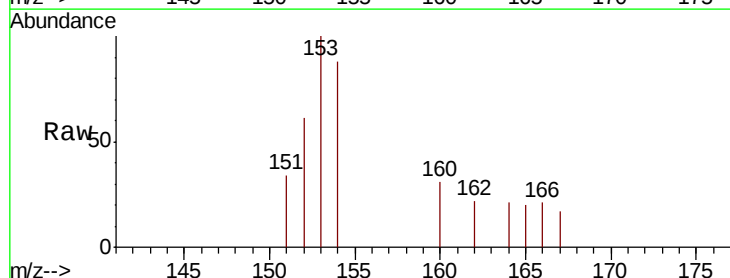
RT: 14.33 min Scan# 3858

Delta R.T. -0.02 min

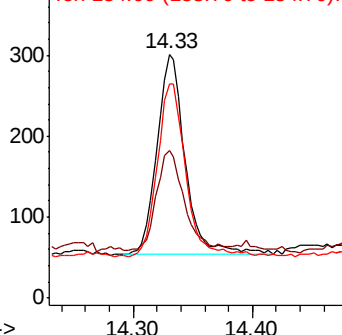
Lab File: BM022028.D

Acq: 12 Aug 2019 12:50

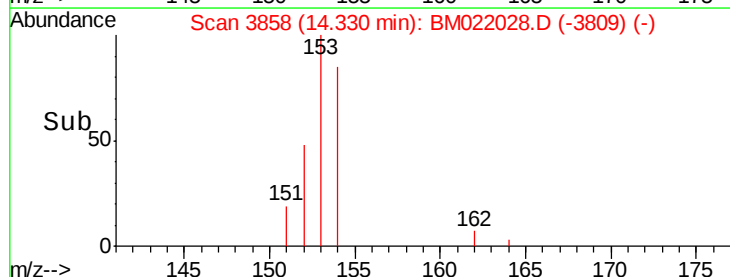
Tgt Ion:	153	Resp:	404
Ion Ratio	Lower	Upper	
153	100		
152	60.8	41.3	61.9
154	88.0	72.3	108.5

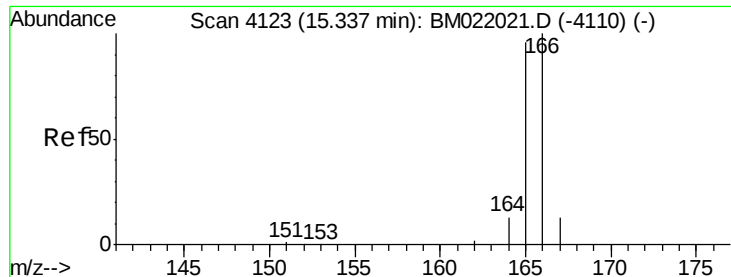


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->





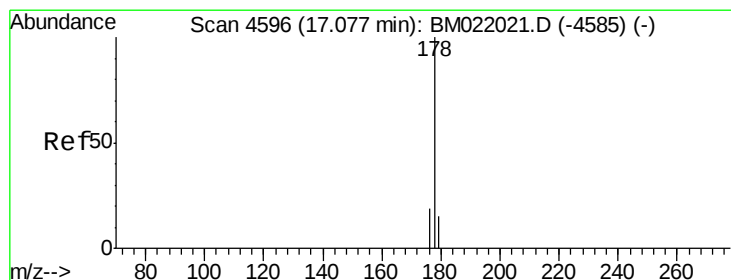
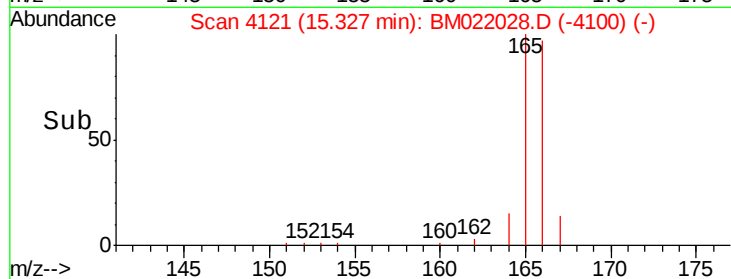
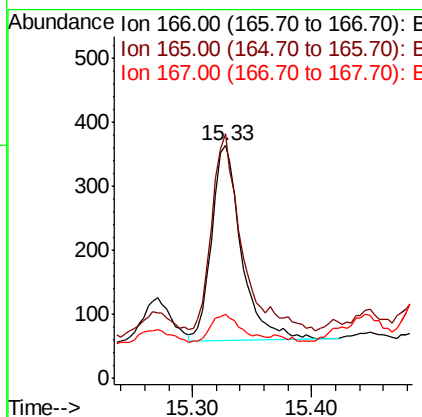
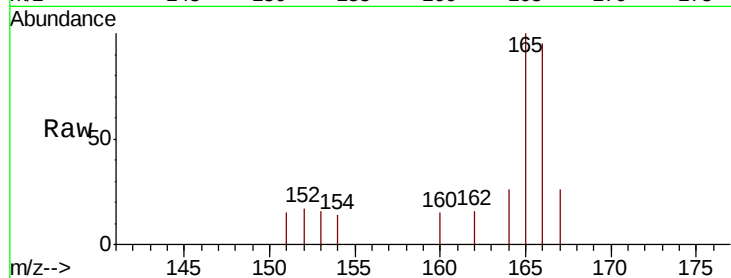
#9
Fluorene
 Concen: 0.067 ng/ul
 RT: 15.33 min Scan# 4121
 Delta R.T. -0.02 min
 Lab File: BM022028.D
 Acq: 12 Aug 2019 12:50

Instrument :
 BNA_M
 ClientSampleID :
 BENQ6DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	105.0	81.4	122.0
167	27.5	13.7	20.5

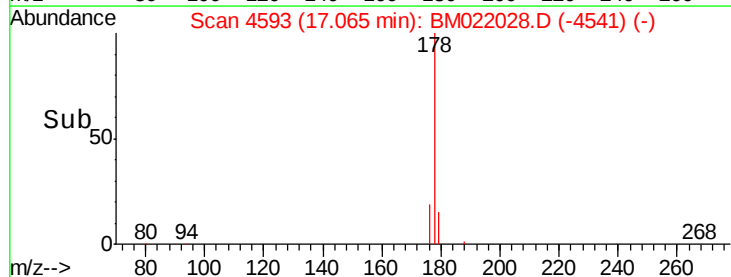
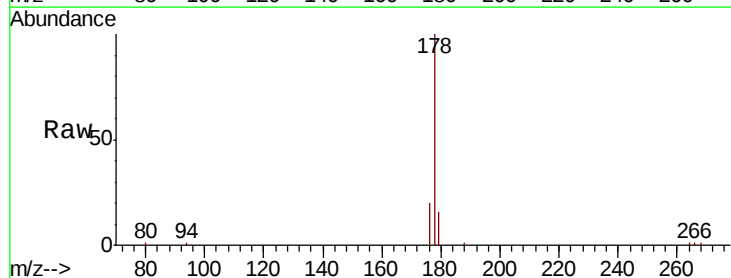
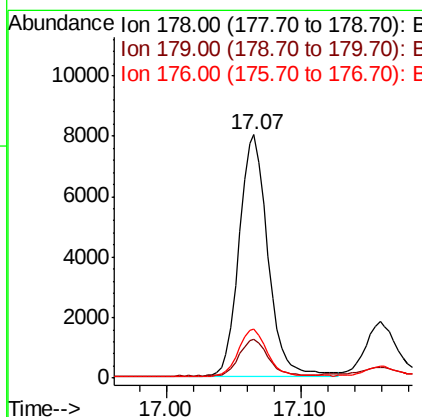
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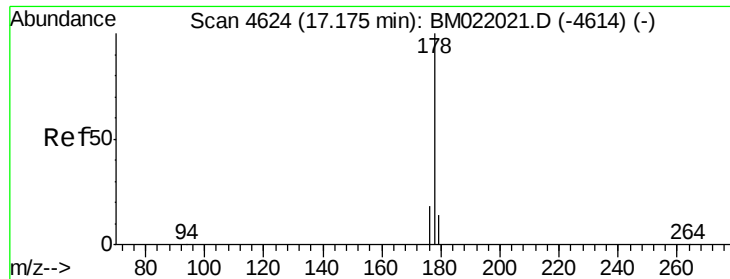
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#12
Phenanthrene
 Concen: 0.997 ng/ul
 RT: 17.07 min Scan# 4593
 Delta R.T. -0.02 min
 Lab File: BM022028.D
 Acq: 12 Aug 2019 12:50

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	14.2	21.2
176	19.9	16.8	25.2





#13

Anthracene

Concen: 0.297 ng/ul

RT: 17.16 min Scan# 4620

Delta R.T. -0.02 min

Lab File: BM022028.D

Acq: 12 Aug 2019 12:50

Instrument :

BNA_M

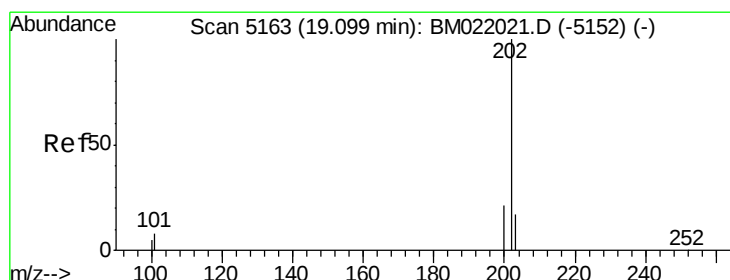
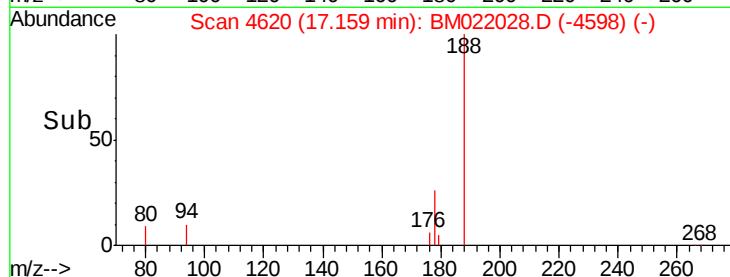
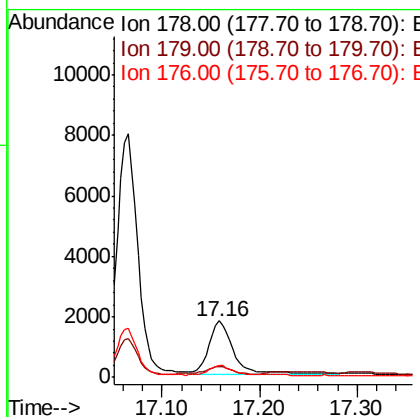
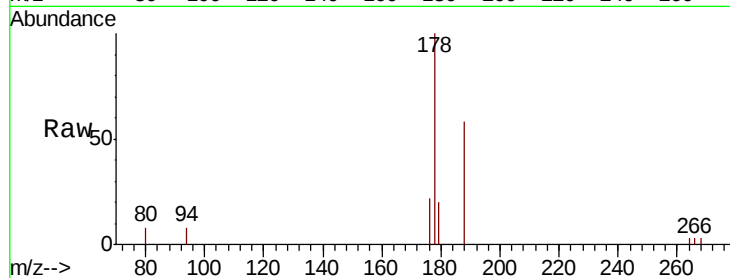
ClientSampleID :

BENQ6DL

Tot Ion:	178	Resp:	3014
Ion Ratio	Lower	Upper	
178	100		
179	19.9	15.5	23.3
176	21.5	16.6	25.0

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#15

Fluoranthene

Concen: 1.684 ng/ul

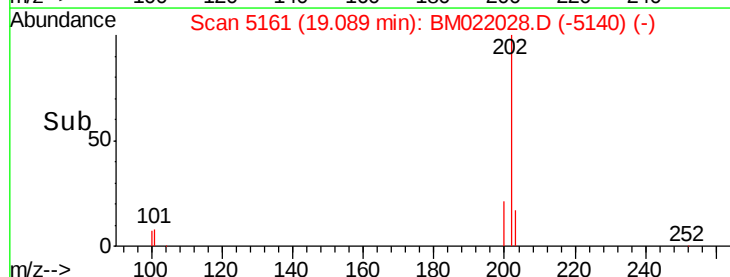
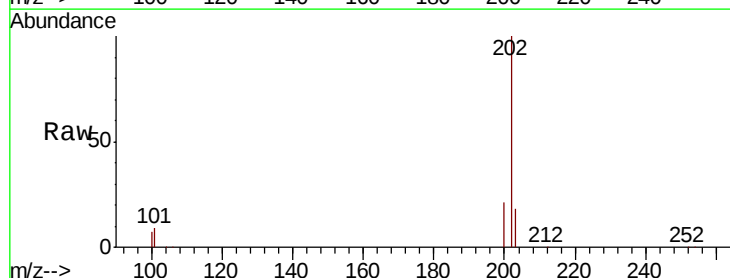
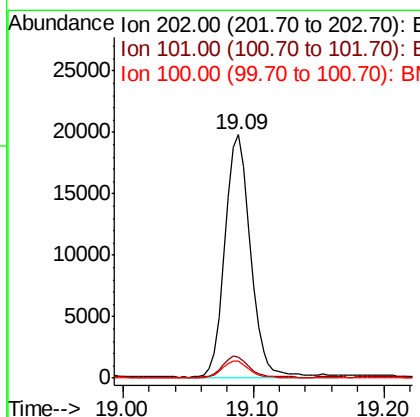
RT: 19.09 min Scan# 5161

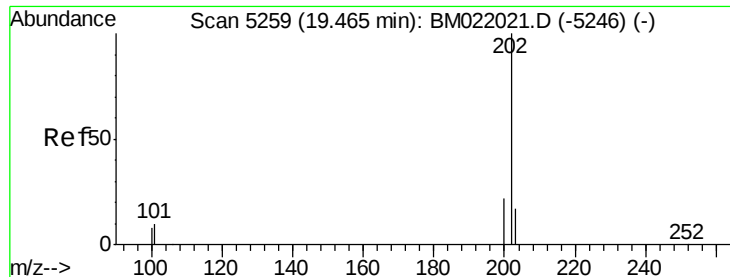
Delta R.T. -0.02 min

Lab File: BM022028.D

Acq: 12 Aug 2019 12:50

Tgt Ion:	202	Resp:	26837
Ion Ratio	Lower	Upper	
202	100		
101	8.7	0.0	30.2
100	6.9	0.0	28.1





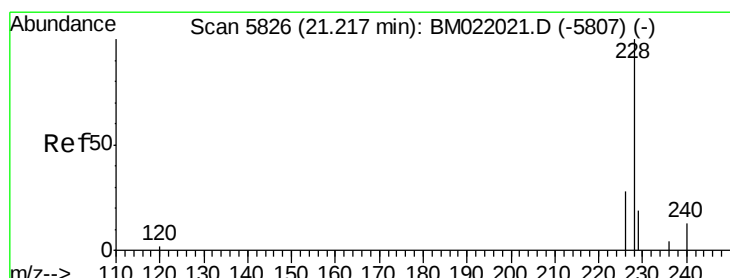
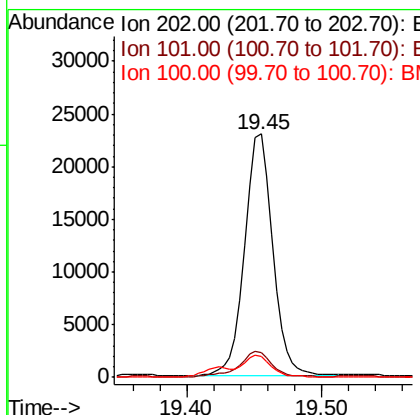
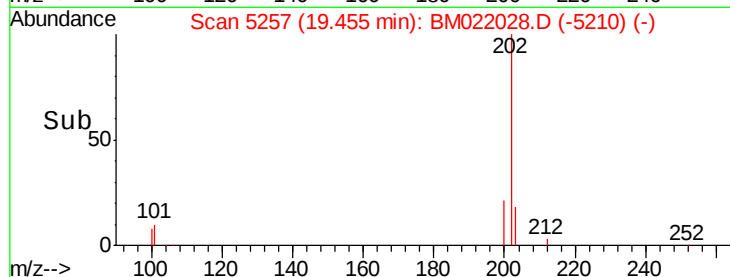
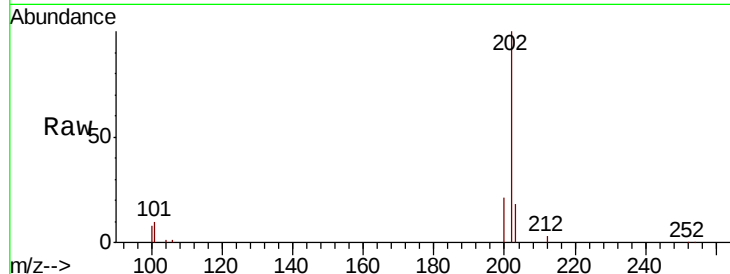
#17
Pvrene
Concen: 1.919 ng/ul
RT: 19.45 min Scan# 5257
Delta R.T. -0.02 min
Lab File: BM022028.D
Acq: 12 Aug 2019 12:50

Instrument :
BNA_M
ClientSampleId :
BENQ6DL

Tot Ion:	202	Resp:	32534
Ion Ratio	Lower	Upper	
202	100		
101	9.9	8.3	12.5
100	8.4	7.2	10.8

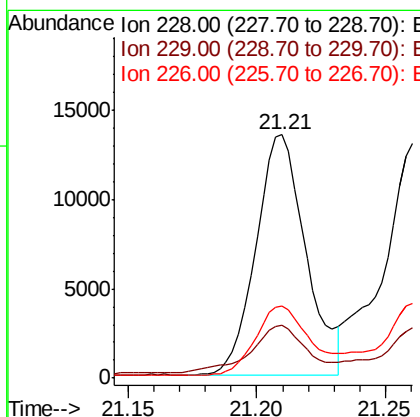
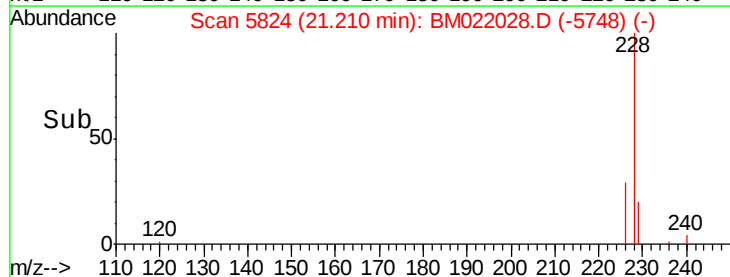
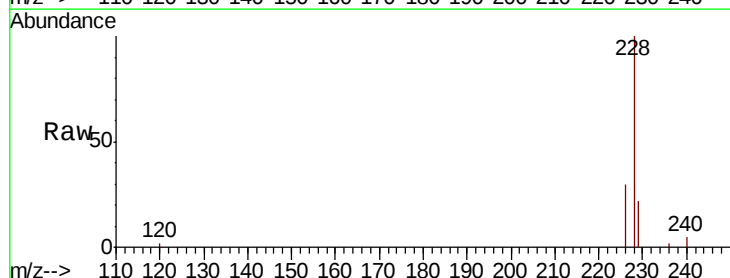
Manual Integrations
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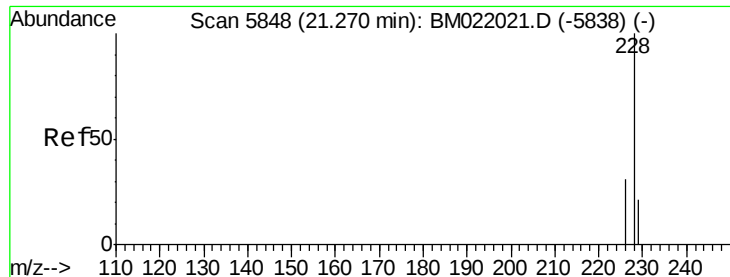
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#18
Benzo(a)anthracene
Concen: 1.226 ng/ul
RT: 21.21 min Scan# 5824
Delta R.T. -0.02 min
Lab File: BM022028.D
Acq: 12 Aug 2019 12:50

Tgt Ion:	228	Resp:	18093
Ion Ratio	Lower	Upper	
228	100		
229	21.9	17.2	25.8
226	29.6	22.6	34.0





#19

Chrysene

Concen: 1.080 ng/ul

RT: 21.26 min Scan# 5845

Delta R.T. -0.02 min

Lab File: BM022028.D

Acq: 12 Aug 2019 12:50

Instrument :

BNA_M

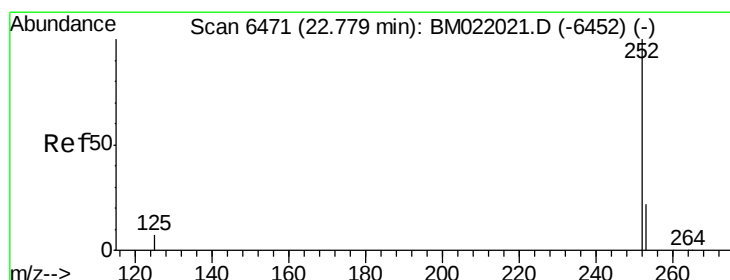
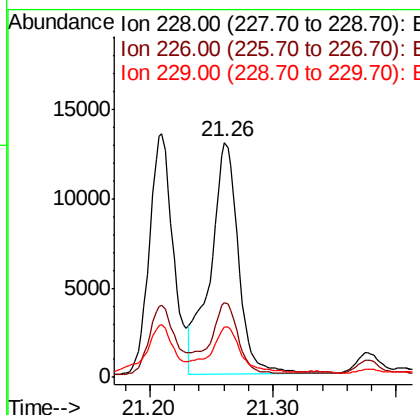
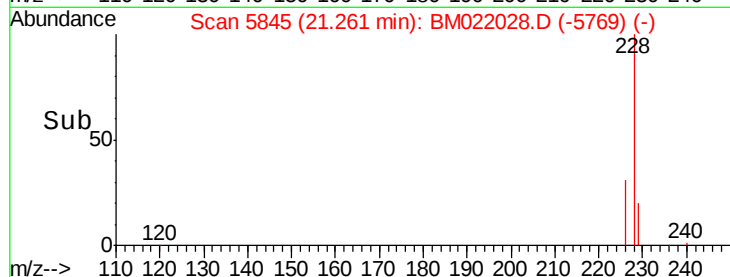
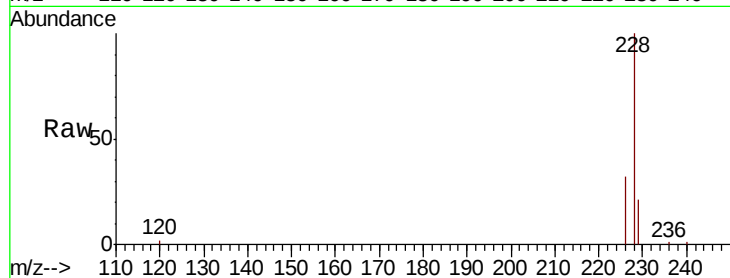
ClientSampleID :

BENQ6DL

Tot Ion:	228	Resp:	20497
Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.9	37.3
229	21.3	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 1.410 ng/ul m

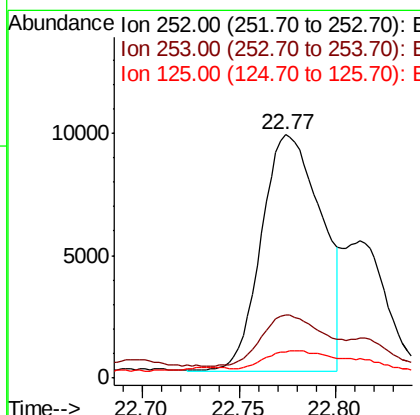
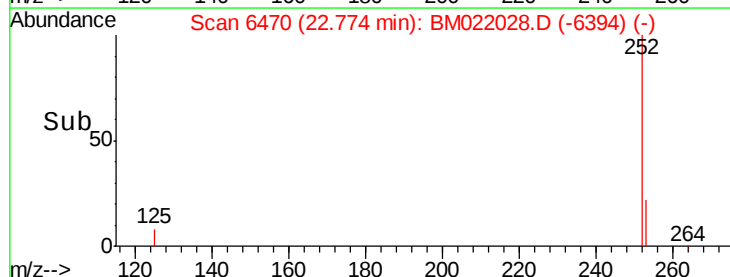
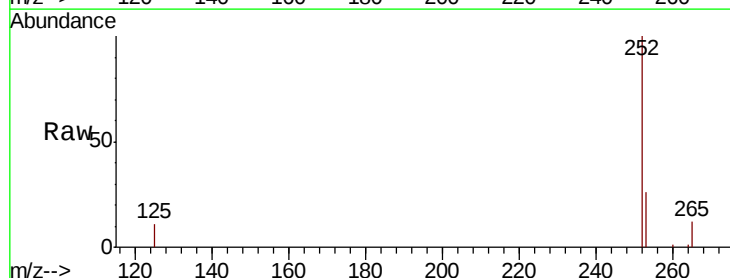
RT: 22.77 min Scan# 6470

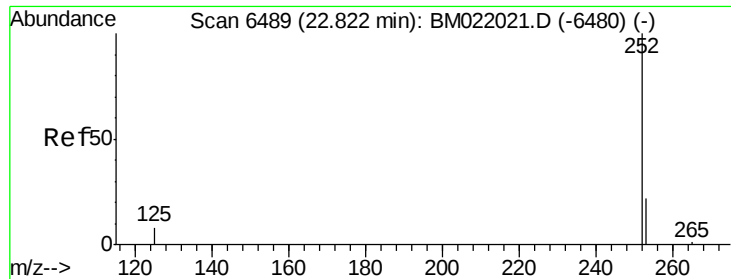
Delta R.T. -0.02 min

Lab File: BM022028.D

Acq: 12 Aug 2019 12:50

Tgt Ion:	252	Resp:	20721
Ion	Ratio	Lower	Upper
252	100		
253	26.1	0.0	67.4
125	10.6	0.0	31.0





#22

Benzo(k)fluoranthene

Concen: 0.527 ng/ul m

RT: 22.81 min Scan# 6486

Delta R.T. -0.02 min

Lab File: BM022028.D

Acq: 12 Aug 2019 12:50

Instrument :

BNA_M

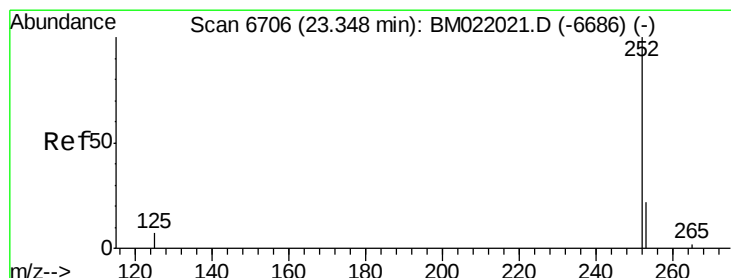
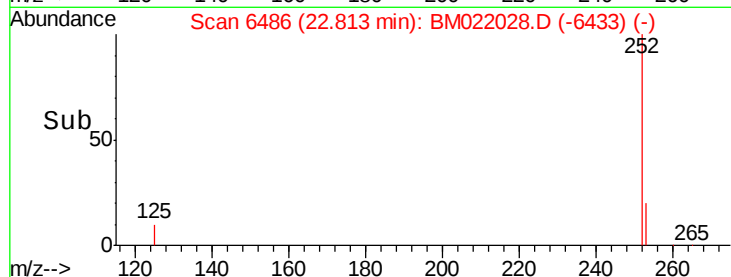
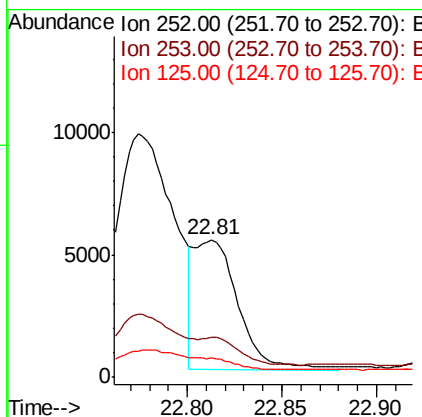
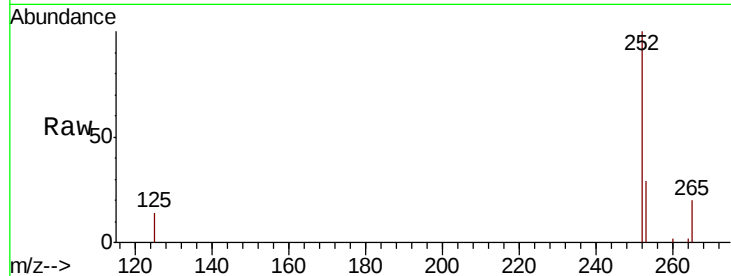
ClientSampled :

BENQ6DL

Tot Ion:	252	Resp:	8772
Ion Ratio	Lower	Upper	
252	100		
253	29.4	27.0	40.4
125	14.2	12.2	18.2

Manual Integrations
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#23

Benzo(a)pyrene

Concen: 1.131 ng/ul

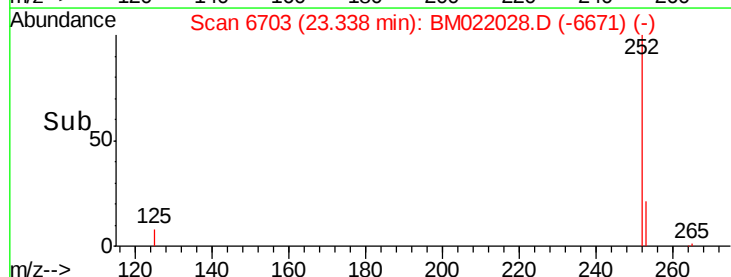
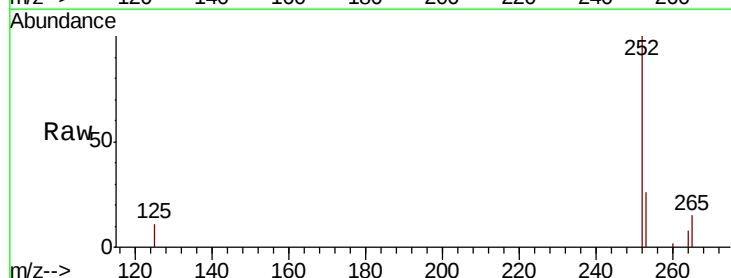
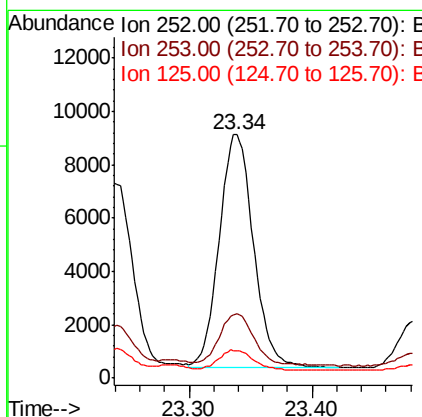
RT: 23.34 min Scan# 6703

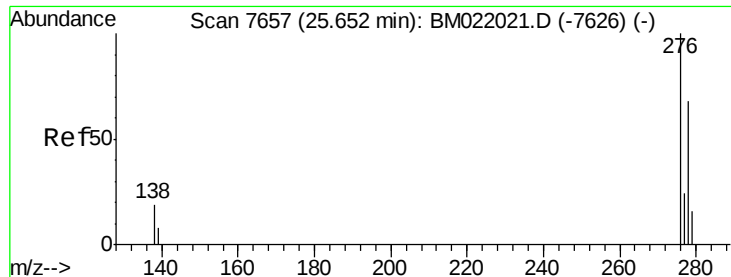
Delta R.T. -0.02 min

Lab File: BM022028.D

Acq: 12 Aug 2019 12:50

Tgt Ion:	252	Resp:	16901
Ion Ratio	Lower	Upper	
252	100		
253	26.3	31.7	47.5#
125	11.4	14.6	21.8#





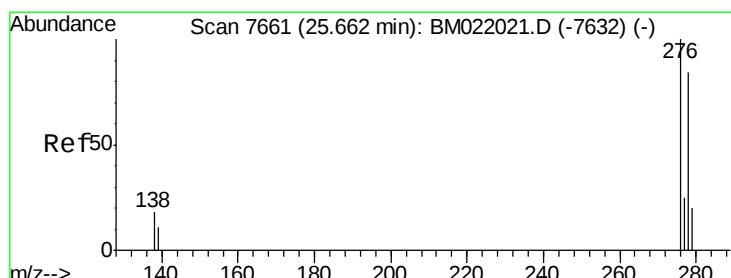
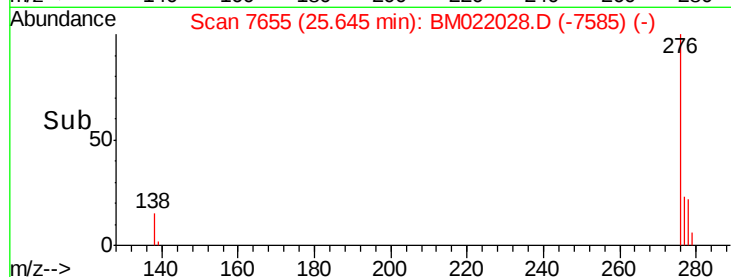
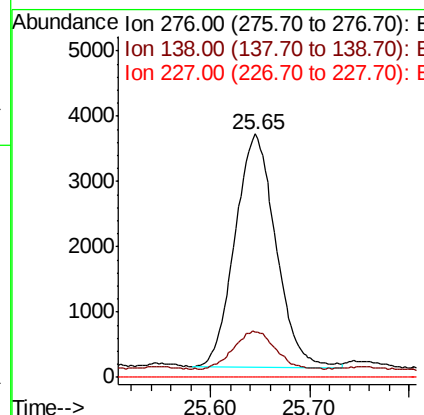
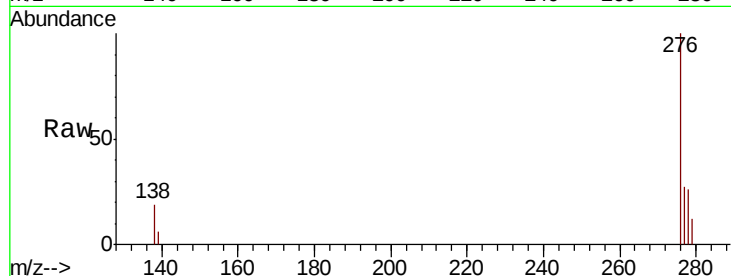
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.574 ng/u1
 RT: 25.65 min Scan# 7655
 Delta R.T. -0.03 min
 Lab File: BM022028.D
 Acq: 12 Aug 2019 12:50

Instrument :
 BNA_M
 ClientSampleId :
 BENQ6DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.9	15.1	22.7
227	0.0	0.0	0.0

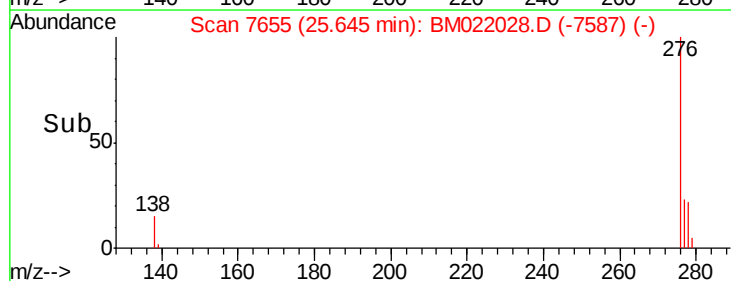
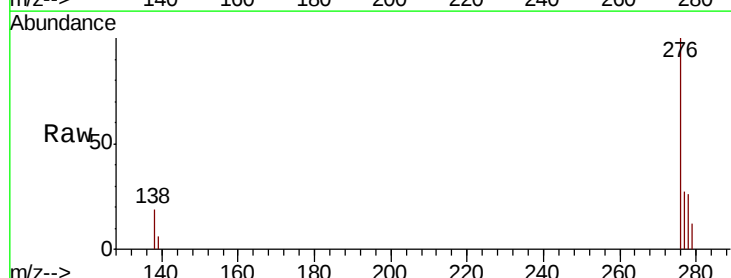
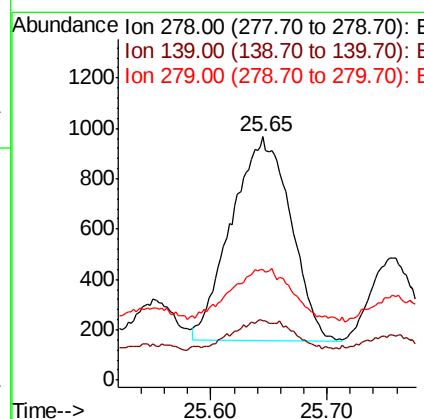
Manual Integrations
 APPROVED

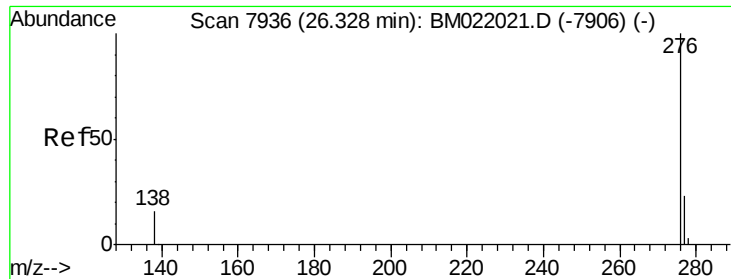
Sohil
 8/13/2019 9:57:08 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.200 ng/u1
 RT: 25.65 min Scan# 7655
 Delta R.T. -0.04 min
 Lab File: BM022028.D
 Acq: 12 Aug 2019 12:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.6	14.2	21.2#
279	45.6	28.3	42.5#





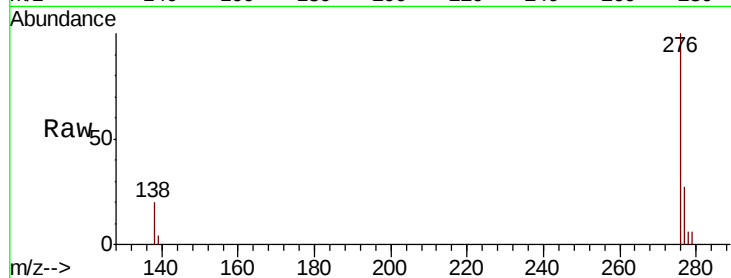
#26
 Benzo(a,h,i)perylene
 Concen: 0.668 ng/ul
 RT: 26.33 min Scan# 7936
 Delta R.T. -0.03 min
 Lab File: BM022028.D
 Acq: 12 Aug 2019 12:50

Instrument :
 BNA_M
 ClientSampleId :
 BENQ6DL

Tot Ion:	276	Resp:	10729
Ion Ratio	Lower	Upper	
276	100		
138	19.8	15.5	23.3
277	26.6	21.4	32.2

Manual Integrations
 APPROVED

Sohil
 8/13/2019 9:57:08 AM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

