

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
 Data File : BM022016.D
 Acq On : 11 Aug 2019 04:09
 Operator : HP/JU
 Sample : K4028-08DL 5X
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENZ0DL

Manual Integrations
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Sohil
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Quant Time: Aug 12 01:36:16 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 : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	810	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	3402	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1890	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.02	188	4292	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	4148	0.40	ng/ul	-0.02
20) Perylene-d12	23.43	264	5581	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	309	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	898	0.06	ng/ul	-0.02
Target Compounds				Qvalue		
3) Naphthalene	10.45	128	1056	0.110	ng/ul#	90
5) 2-Methylnaphthalene	12.08	142	554	0.087	ng/ul	96
7) Acenaphthylene	13.99	152	3333	0.378	ng/ul#	84
8) Acenaphthene	14.33	153	1795	0.249	ng/ul	97
9) Fluorene	15.32	166	2346	0.293	ng/ul	99
11) Pentachlorophenol	16.69	266	55	0.069	ng/ul	89
12) Phenanthrene	17.06	178	41631	3.334	ng/ul	97
13) Anthracene	17.16	178	10832	1.017	ng/ul	97
15) Fluoranthene	19.09	202	88184	5.271	ng/ul	96
17) Pyrene	19.45	202	100767	5.912	ng/ul	98
18) Benzo(a)anthracene	21.21	228	56297	3.794	ng/ul	99
19) Chrysene	21.26	228	58124	3.046	ng/ul	98
21) Benzo(b)fluoranthene	22.77	252	62036m	3.296	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	22534m	1.058	ng/ul	
23) Benzo(a)pyrene	23.33	252	51195	2.675	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	25.64	276	30125	1.318	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.64	278	9077	0.491	ng/ul#	83
26) Benzo(g,h,i)perylene	26.32	276	30491	1.482	ng/ul	98

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

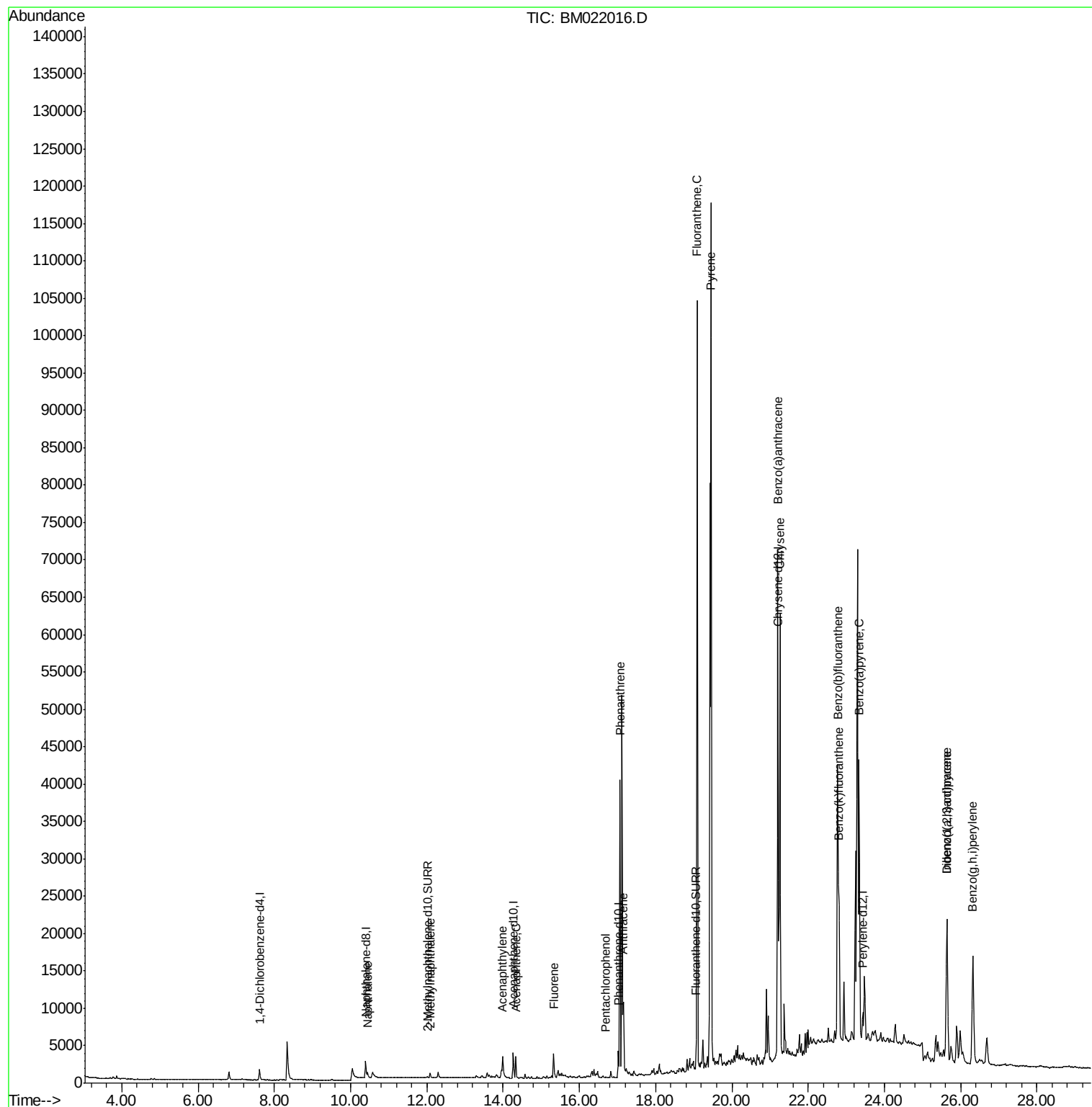
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
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ALS Vial : 53 Sample Multiplier: 1

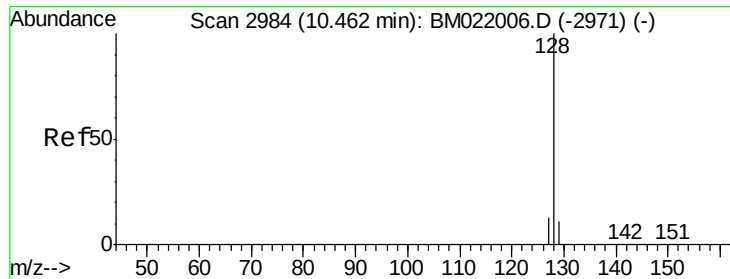
Instrument :
BNA_M
ClientSampleId :
BENZ0DL

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
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QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.110 ng/ul

RT: 10.45 min Scan# 2981

Delta R.T. -0.02 min

Lab File: BM022016.D

Acq: 11 Aug 2019 04:09

Instrument :

BNA_M

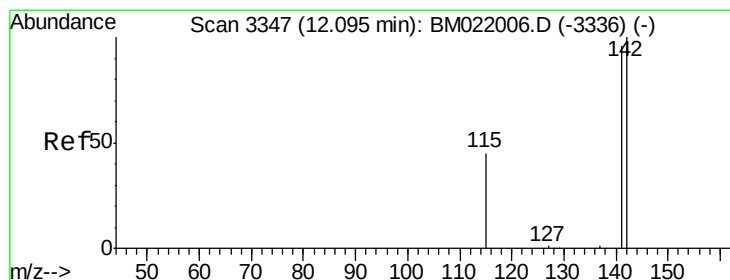
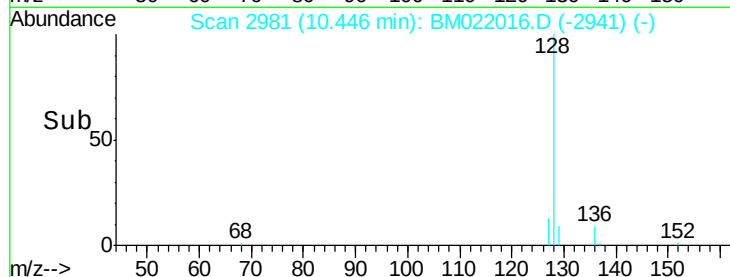
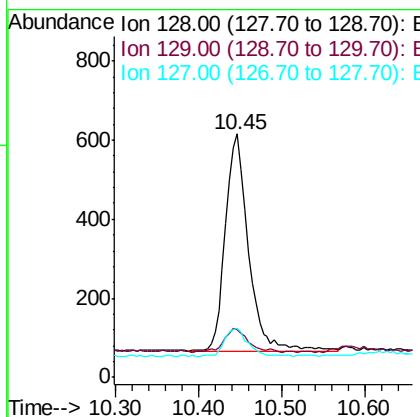
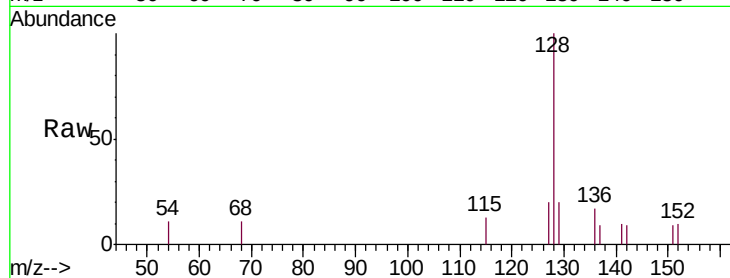
ClientSampleId :

BENZ0DL

Tgt Ion:	128	Resp:	1056
Ion Ratio		Lower	Upper
128	100		
129	19.6	12.3	18.5#
127	20.3	13.0	19.6#

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#5

2-Methylnaphthalene

Concen: 0.087 ng/ul

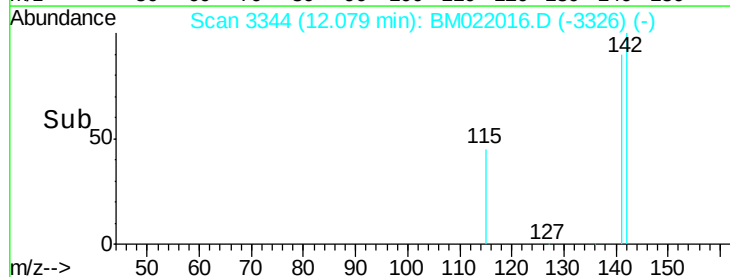
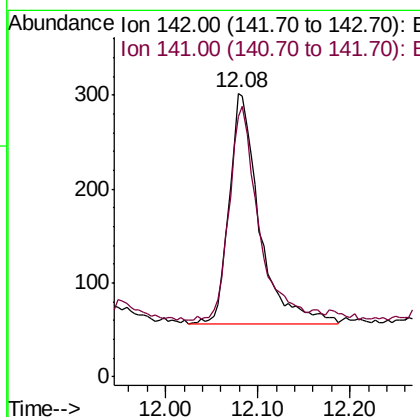
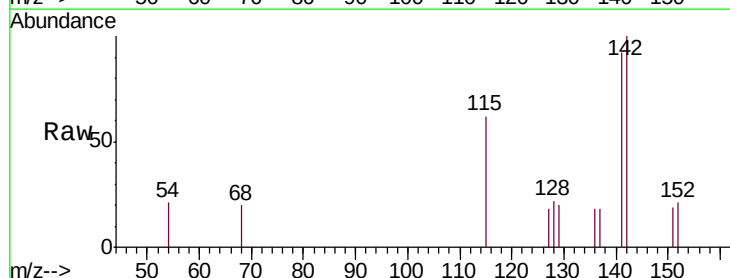
RT: 12.08 min Scan# 3344

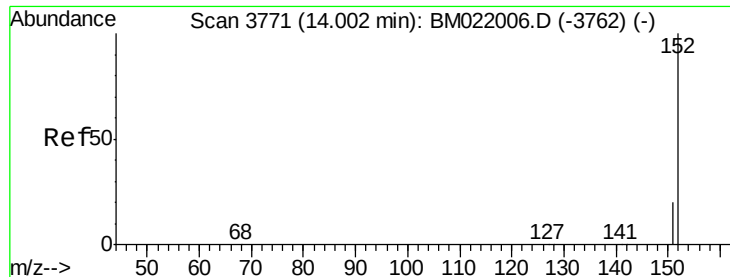
Delta R.T. -0.02 min

Lab File: BM022016.D

Acq: 11 Aug 2019 04:09

Tgt Ion:	142	Resp:	554
Ion Ratio		Lower	Upper
142	100		
141	89.4	74.3	111.5





#7

Acenaphthylene

Concen: 0.378 ng/ul

RT: 13.99 min Scan# 3769

Delta R.T. -0.02 min

Lab File: BM022016.D

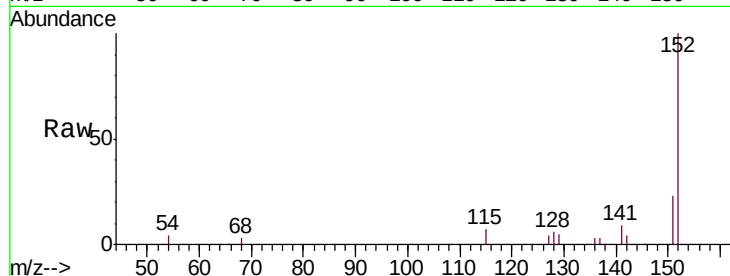
Acq: 11 Aug 2019 04:09

Instrument :

BNA_M

ClientSampleId :

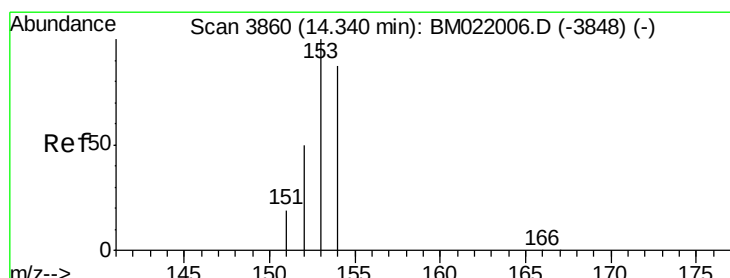
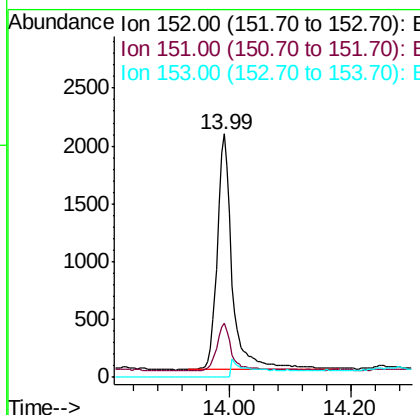
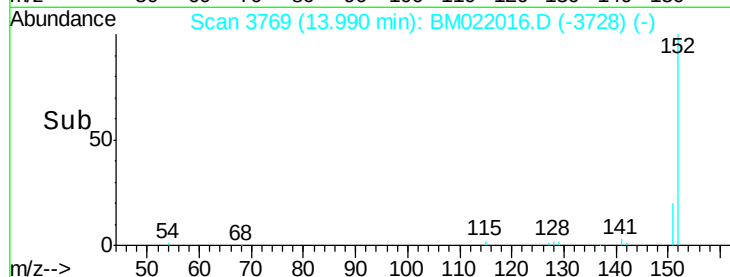
BENZ0DL



Tgt Ion:	152	Resp:	3333
Ion Ratio	Lower	Upper	
152	100		
151	22.5	18.3	27.5
153	0.0	12.8	19.2

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#8

Acenaphthene

Concen: 0.249 ng/ul

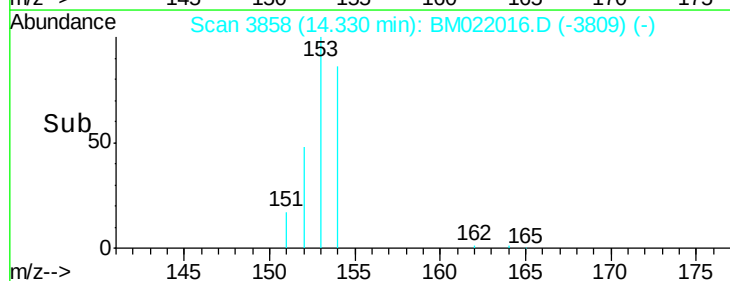
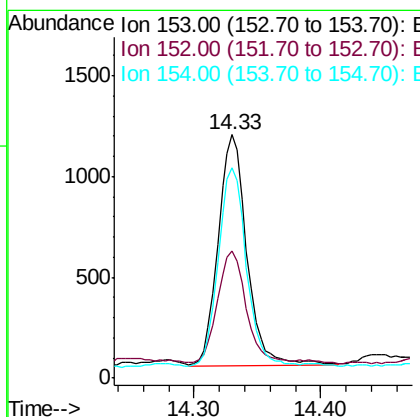
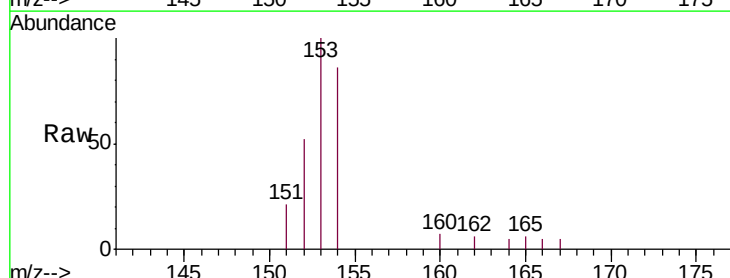
RT: 14.33 min Scan# 3858

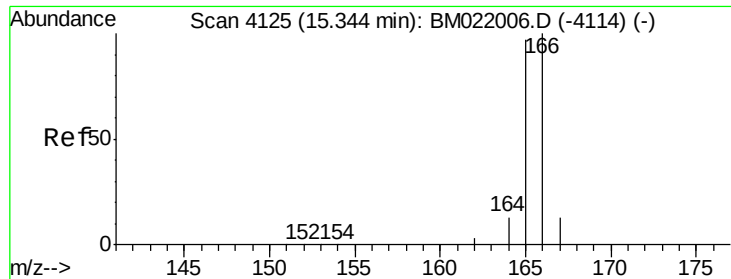
Delta R.T. -0.02 min

Lab File: BM022016.D

Acq: 11 Aug 2019 04:09

Tgt Ion:	153	Resp:	1795
Ion Ratio	Lower	Upper	
153	100		
152	52.2	41.3	61.9
154	86.2	72.3	108.5





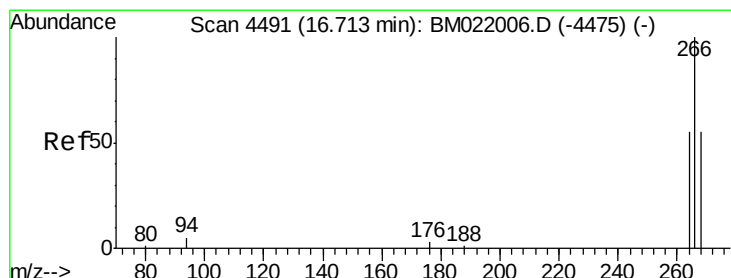
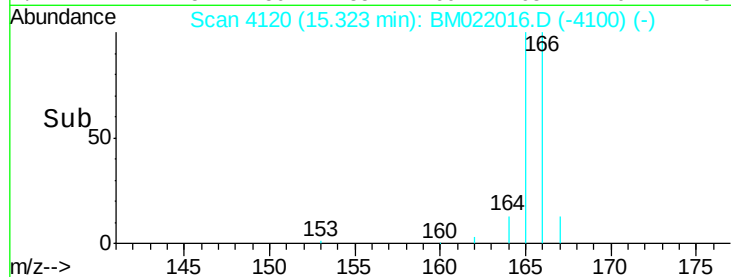
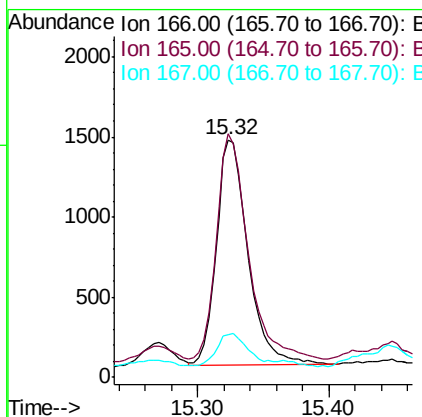
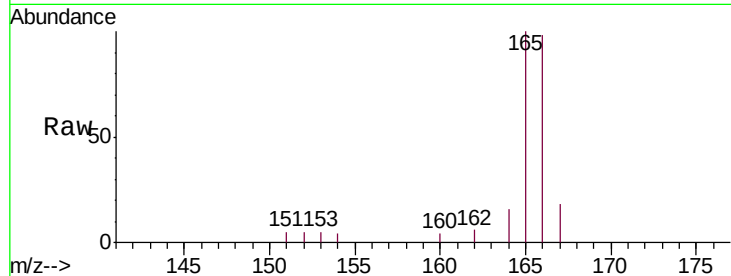
#9
Fluorene
 Concen: 0.293 ng/ul
 RT: 15.32 min Scan# 4120
 Delta R.T. -0.02 min
 Lab File: BM022016.D
 Acq: 11 Aug 2019 04:09

Instrument :
 BNA_M
 ClientSampleId :
 BENZ0DL

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.4	81.4	122.0
167	18.0	13.7	20.5

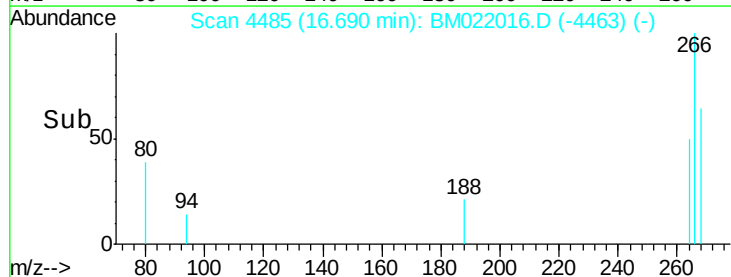
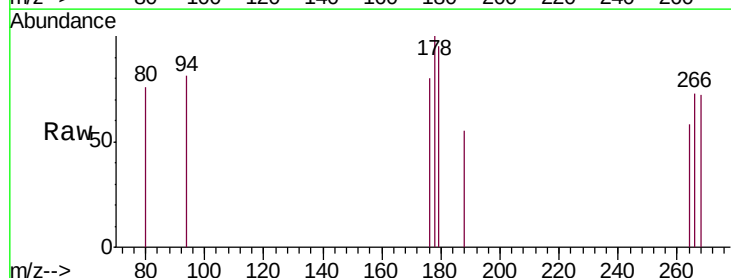
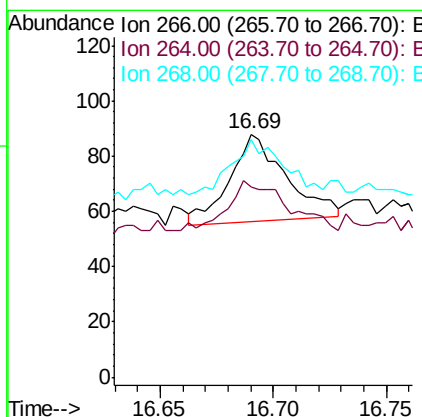
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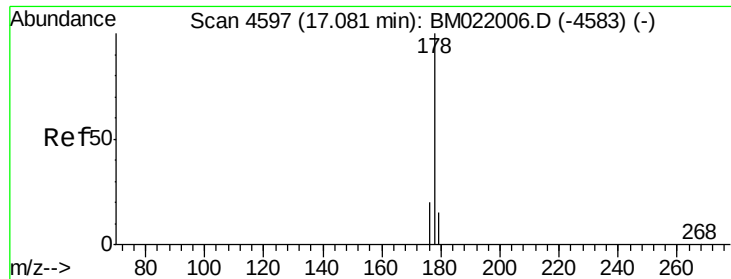
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#11
Pentachlorophenol
 Concen: 0.069 ng/ul
 RT: 16.69 min Scan# 4485
 Delta R.T. -0.02 min
 Lab File: BM022016.D
 Acq: 11 Aug 2019 04:09

Tgt Ion	Ratio	Lower	Upper
266	100		
264	60.0	54.2	81.2
268	61.8	57.6	86.4





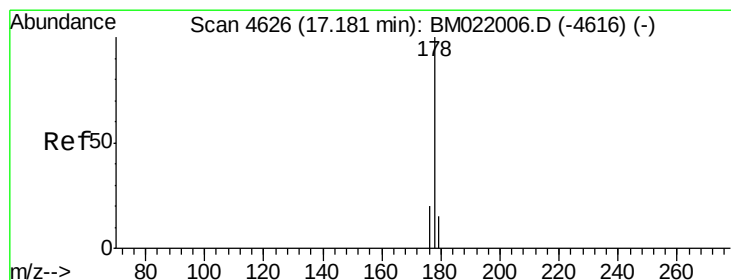
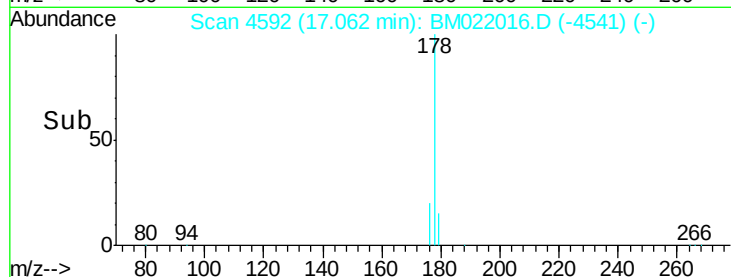
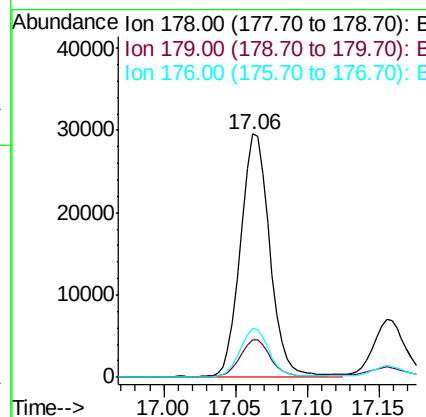
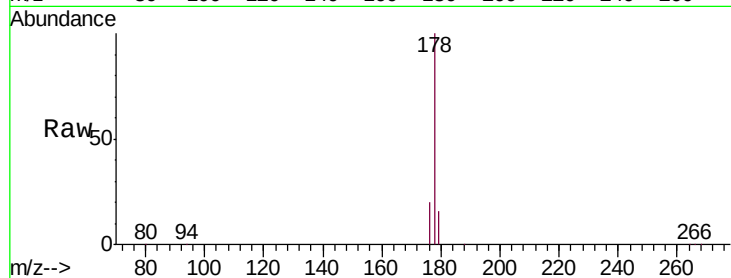
#12
Phenanthrene
Concen: 3.334 ng/ul
RT: 17.06 min Scan# 4592
Delta R.T. -0.02 min
Lab File: BM022016.D
Acq: 11 Aug 2019 04:09

Instrument :
BNA_M
ClientSampleId :
BENZODL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	14.2	21.2
176	19.9	16.8	25.2

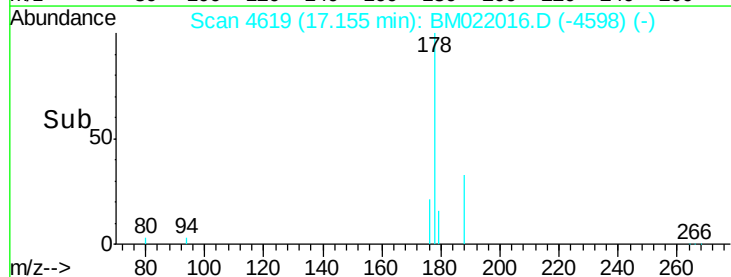
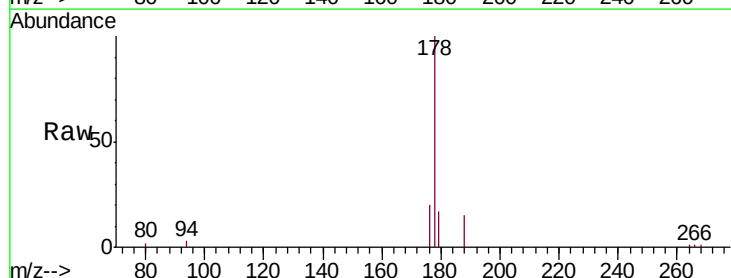
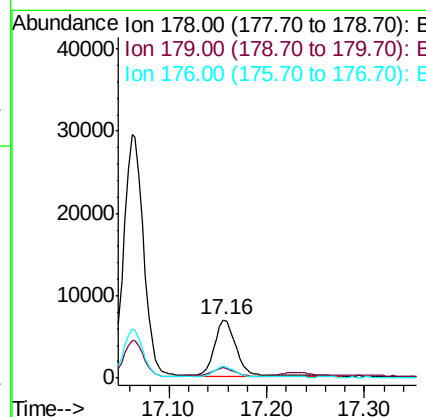
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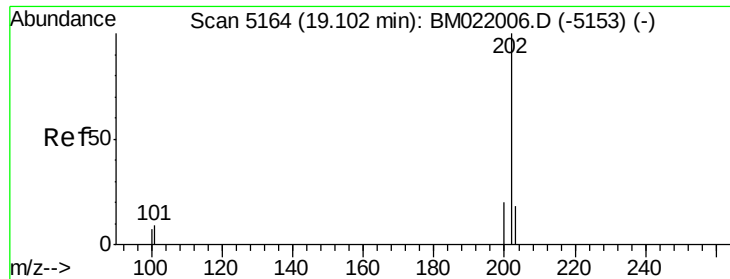
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#13
Anthracene
Concen: 1.017 ng/ul
RT: 17.16 min Scan# 4619
Delta R.T. -0.03 min
Lab File: BM022016.D
Acq: 11 Aug 2019 04:09

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.4	15.5	23.3
176	20.0	16.6	25.0





#15

Fluoranthene

Concen: 5.271 ng/ul

RT: 19.09 min Scan# 5161

Delta R.T. -0.02 min

Lab File: BM022016.D

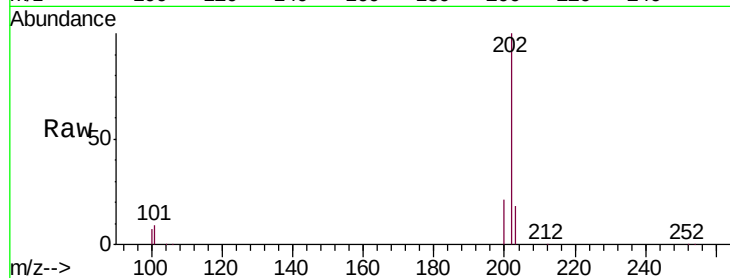
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Instrument :

BNA_M

ClientSampleId :

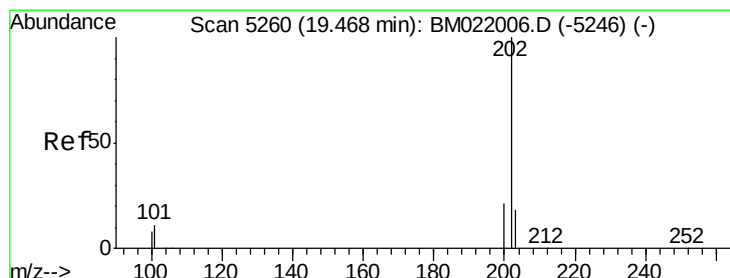
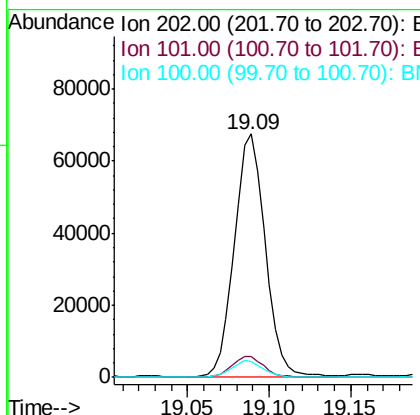
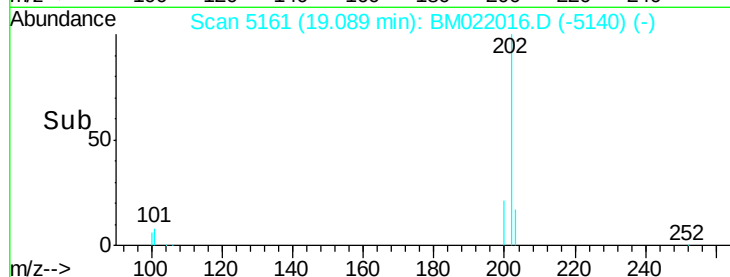
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	88184		
101	8.6	0.0	30.2	
100	6.5	0.0	28.1	

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#17

Pyrene

Concen: 5.912 ng/ul

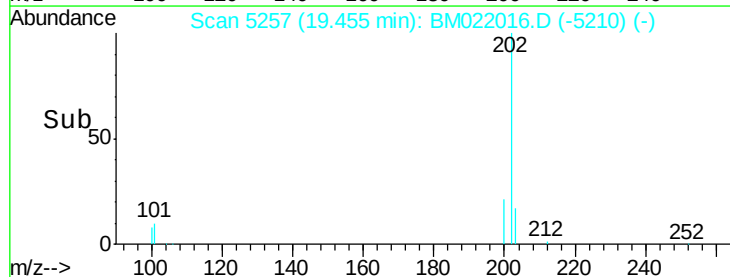
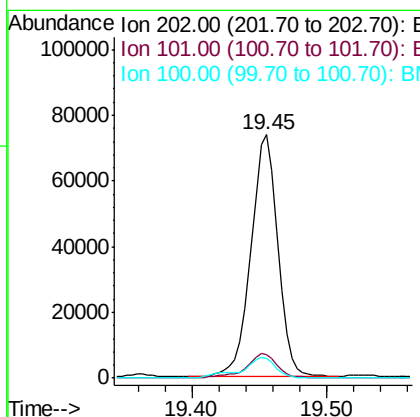
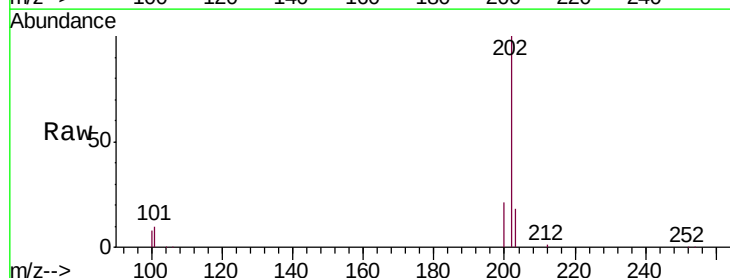
RT: 19.45 min Scan# 5257

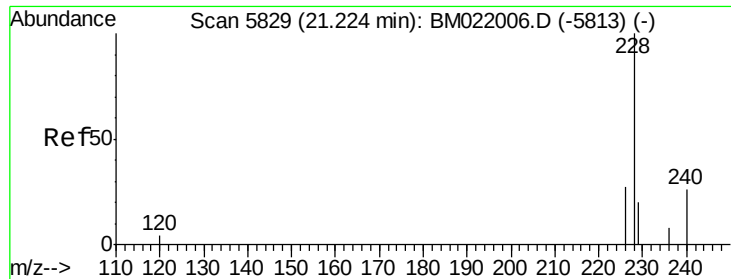
Delta R.T. -0.02 min

Lab File: BM022016.D

Acq: 11 Aug 2019 04:09

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	100767		
101	9.7	8.3	12.5	
100	8.1	7.2	10.8	





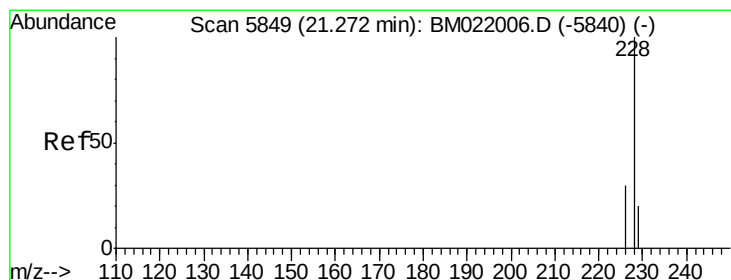
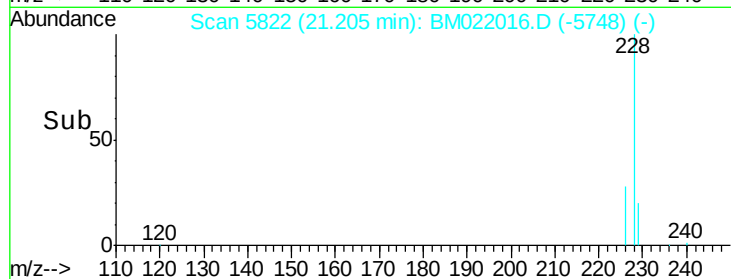
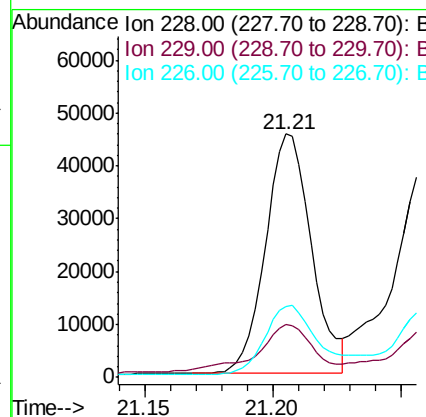
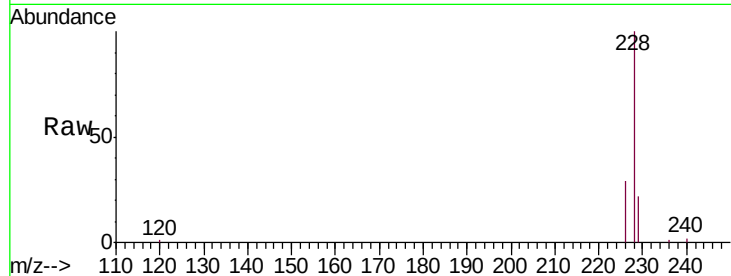
#18
Benzo(a)anthracene
Concen: 3.794 ng/ul
RT: 21.21 min Scan# 5822
Delta R.T. -0.02 min
Lab File: BM022016.D
Acq: 11 Aug 2019 04:09

Instrument :
BNA_M
ClientSampleId :
BENZ0DL

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.9	17.2	25.8
226	29.2	22.6	34.0

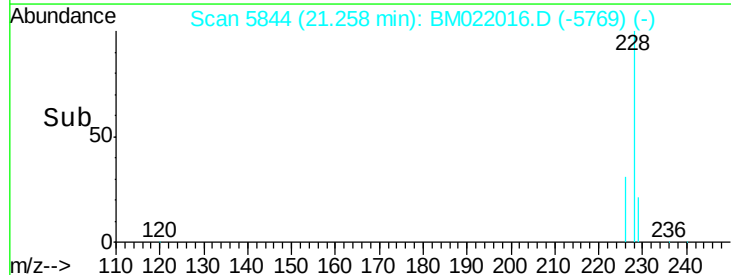
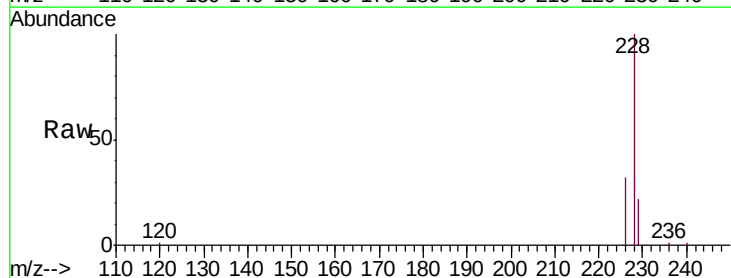
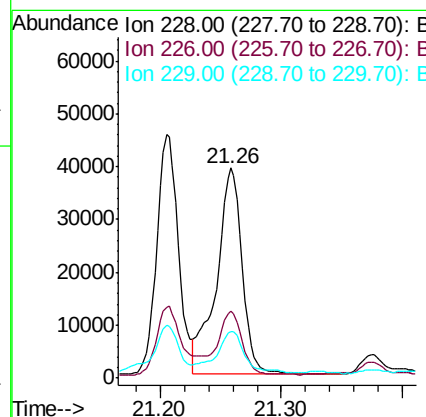
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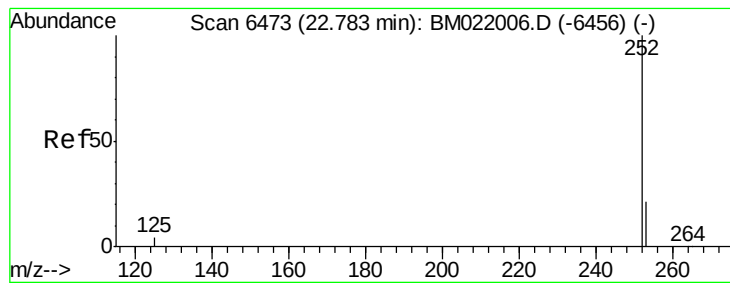
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#19
Chrysene
Concen: 3.046 ng/ul
RT: 21.26 min Scan# 5844
Delta R.T. -0.02 min
Lab File: BM022016.D
Acq: 11 Aug 2019 04:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.9	37.3
229	22.4	16.6	25.0





#21

Benzo(b)fluoranthene

Concen: 3.296 ng/ul m

RT: 22.77 min Scan# 6469

Delta R.T. -0.02 min

Lab File: BM022016.D

Acq: 11 Aug 2019 04:09

Instrument :

BNA_M

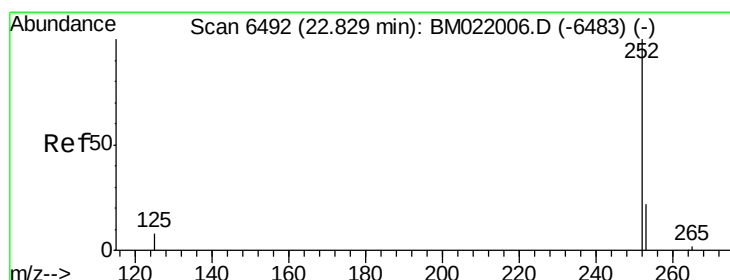
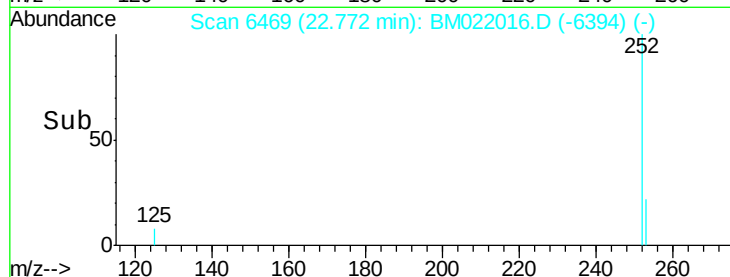
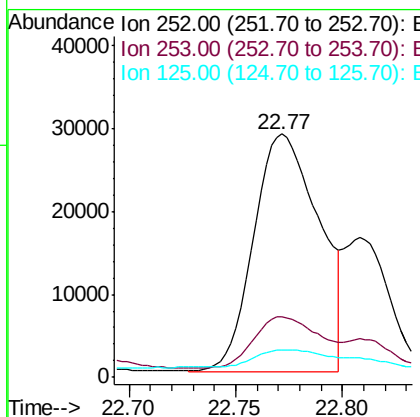
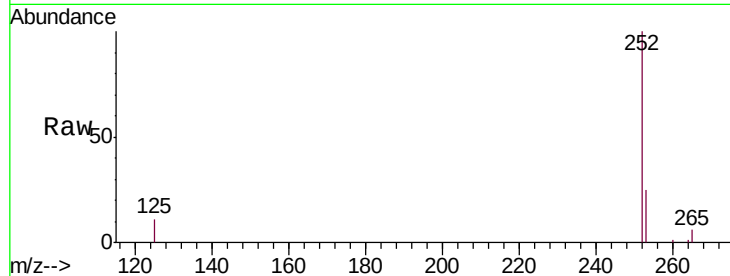
ClientSampleId :

BENZ0DL

Tgt Ion:	252	Resp:	62036
Ion Ratio	Lower	Upper	
252	100		
253	25.1	0.0	67.4
125	11.3	0.0	31.0

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#22

Benzo(k)fluoranthene

Concen: 1.058 ng/ul m

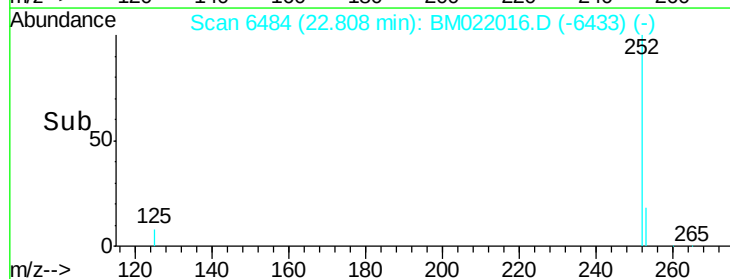
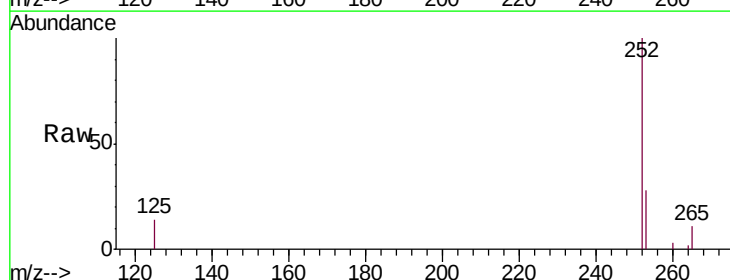
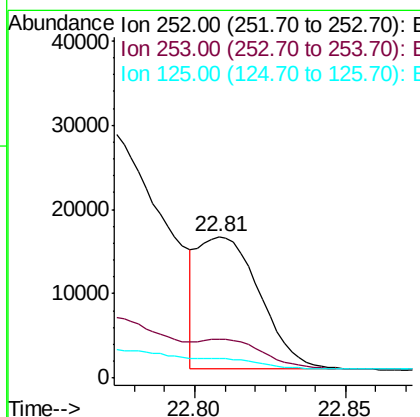
RT: 22.81 min Scan# 6484

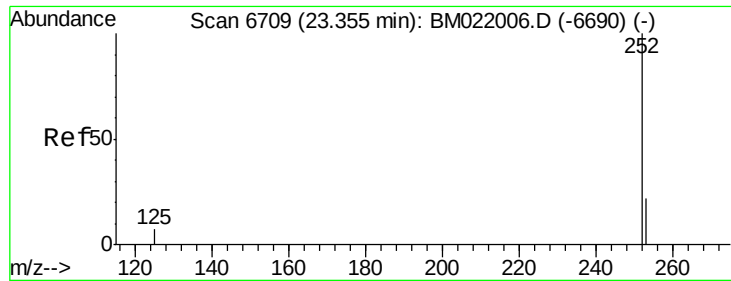
Delta R.T. -0.03 min

Lab File: BM022016.D

Acq: 11 Aug 2019 04:09

Tgt Ion:	252	Resp:	22534
Ion Ratio	Lower	Upper	
252	100		
253	27.8	27.0	40.4
125	14.1	12.2	18.2





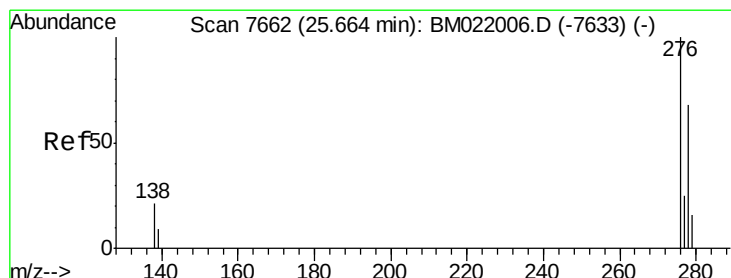
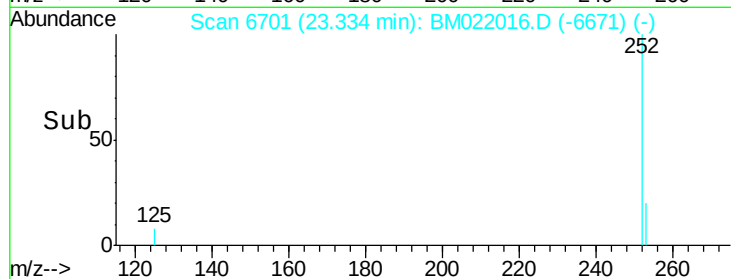
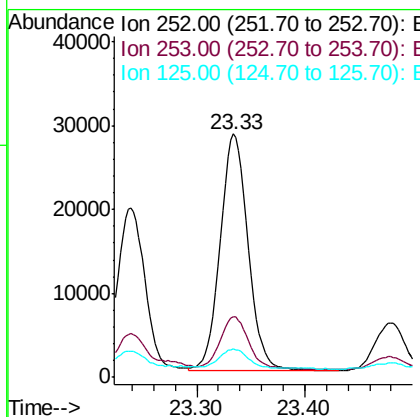
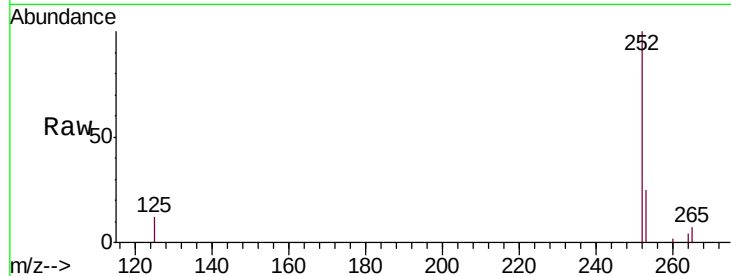
#23
Benzo(a)pyrene
Concen: 2.675 ng/ul
RT: 23.33 min Scan# 6701
Delta R.T. -0.03 min
Lab File: BM022016.D
Acq: 11 Aug 2019 04:09

Instrument :
BNA_M
ClientSampleId :
BENZ0DL

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	51195		
253	25.0	31.7	47.5#	
125	11.7	14.6	21.8#	

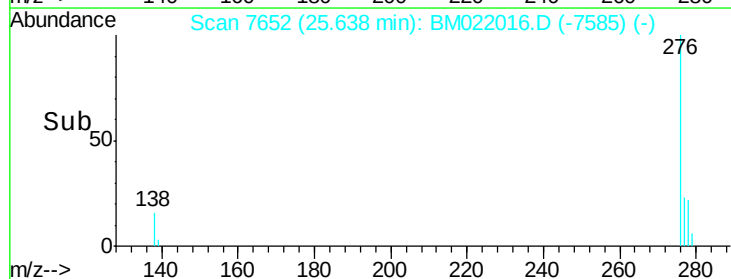
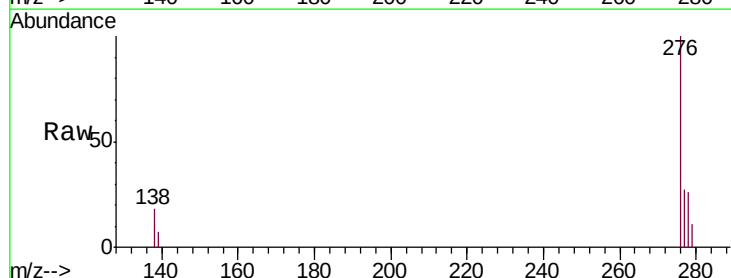
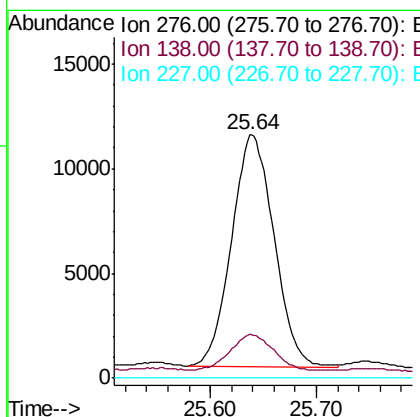
Manual Integrations
APPROVED

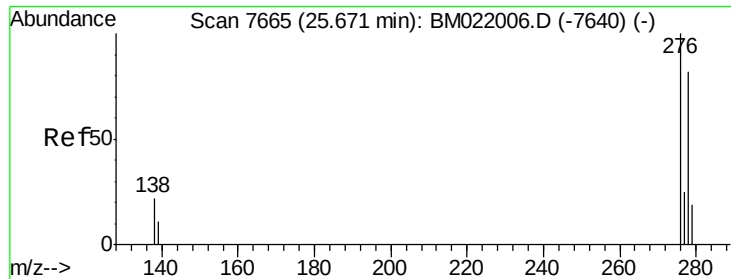
Sohil
8/13/2019 8:46:28 AM



#24
Indeno(1,2,3-cd)pyrene
Concen: 1.318 ng/ul
RT: 25.64 min Scan# 7652
Delta R.T. -0.04 min
Lab File: BM022016.D
Acq: 11 Aug 2019 04:09

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	30125		
138	15.8	15.1	22.7	
227	0.0	0.0	0.0	





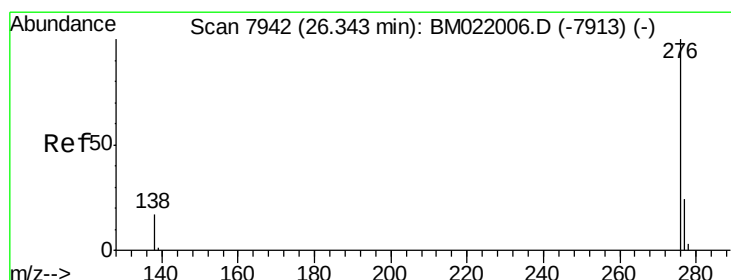
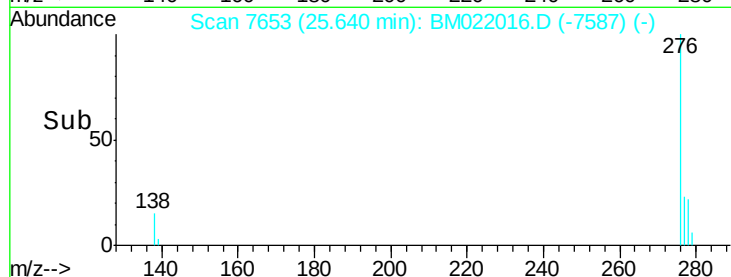
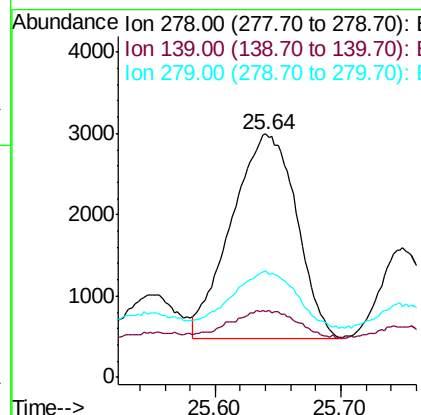
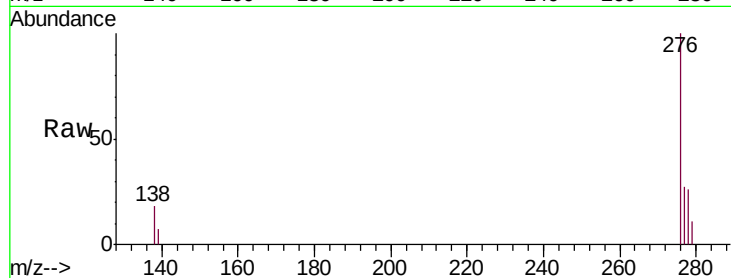
#25
Dibenzo(a,h)anthracene
Concen: 0.491 ng/ul
RT: 25.64 min Scan# 7653
Delta R.T. -0.04 min
Lab File: BM022016.D
Acq: 11 Aug 2019 04:09

Instrument :
BNA_M
ClientSampleId :
BENZ0DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	27.2	14.2	21.2#
279	43.6	28.3	42.5#

Manual Integrations
APPROVED

Sohil
8/13/2019 8:46:28 AM



#26
Benzo(g,h,i)perylene
Concen: 1.482 ng/ul
RT: 26.32 min Scan# 7932
Delta R.T. -0.04 min
Lab File: BM022016.D
Acq: 11 Aug 2019 04:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.6	15.5	23.3
277	26.9	21.4	32.2

