

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
 Data File : BM021806.D
 Acq On : 04 Aug 2019 11:08
 Operator : HP/JU
 Sample : K3850-12
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENR9

Manual Integrations
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mohammad
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Quant Time: Aug 05 05:49:52 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 05 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	966	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	3960	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.29	164	2344	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	6092m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	6380m	0.40	ng/ul	-0.01
20) Perylene-d12	23.45	264	6818m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	1062	0.16	ng/ul	-0.02
14) Fluoranthene-d10	19.08	212	3684m	0.18	ng/ul	-0.01
Target Compounds				Qvalue		
3) Naphthalene	10.47	128	2458	0.220	ng/ul	98
5) 2-Methylnaphthalene	12.09	142	1659	0.223	ng/ul	99
7) Acenaphthylene	14.01	152	8404	0.769	ng/ul	96
8) Acenaphthene	14.35	153	1494	0.167	ng/ul	97
9) Fluorene	15.34	166	2854	0.287	ng/ul	98
12) Phenanthrene	17.08	178	55285m	3.119	ng/ul	
13) Anthracene	17.17	178	11955m	0.791	ng/ul	
15) Fluoranthene	19.11	202	154690m	6.515	ng/ul	
17) Pyrene	19.47	202	133519	5.093	ng/ul	97
18) Benzo(a)anthracene	21.22	228	79886m	3.501	ng/ul	
19) Chrysene	21.27	228	92182	3.141	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	144113m	6.268	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	53764m	2.066	ng/ul	
23) Benzo(a)pyrene	23.36	252	94723m	4.051	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.67	276	80942m	2.899	ng/ul	
25) Dibenzo(a,h)anthracene	25.67	278	19628m	0.870	ng/ul	
26) Benzo(g,h,i)perylene	26.35	276	84851m	3.376	ng/ul	

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

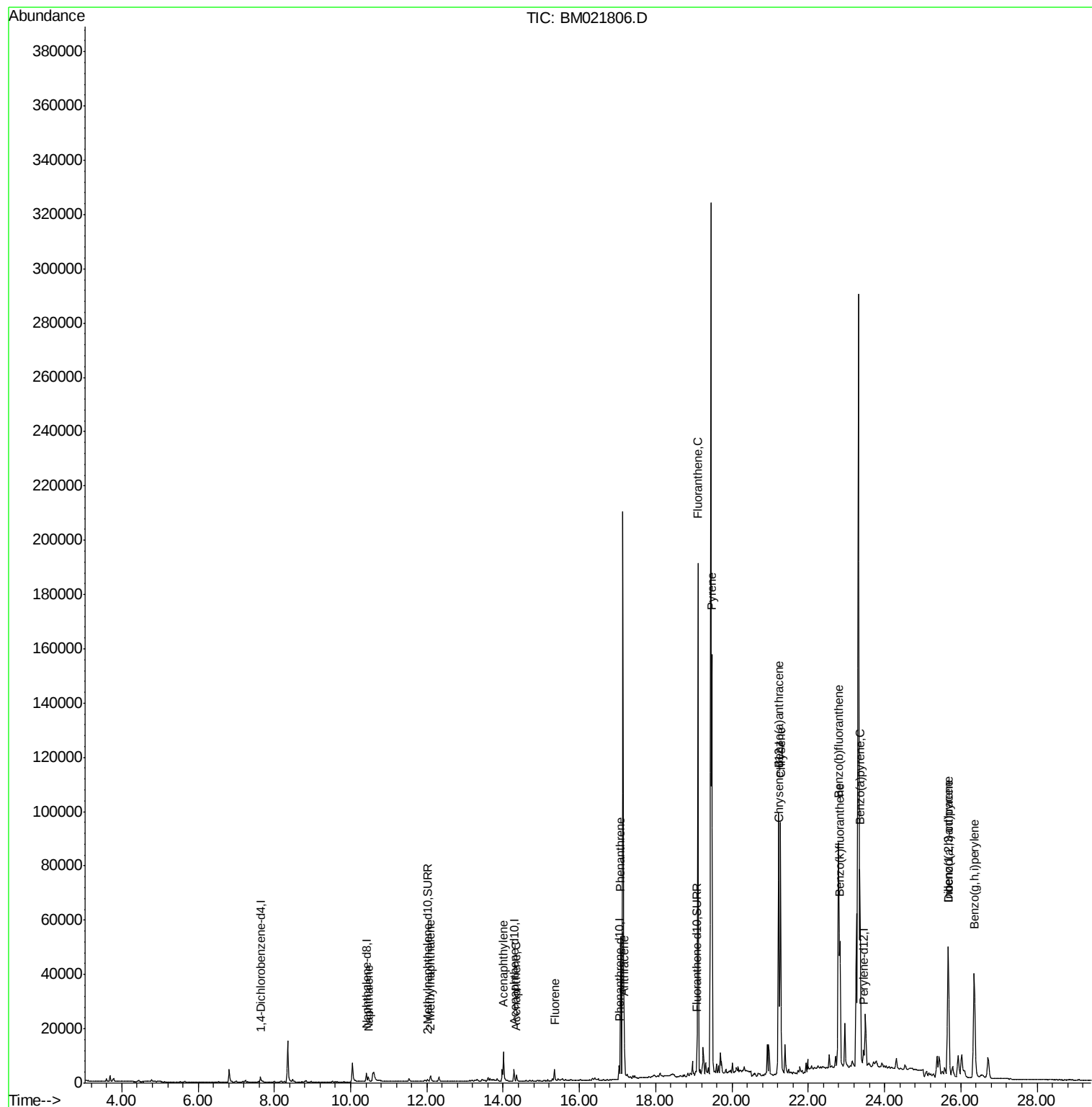
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Data File : BM021806.D
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ALS Vial : 49 Sample Multiplier: 1

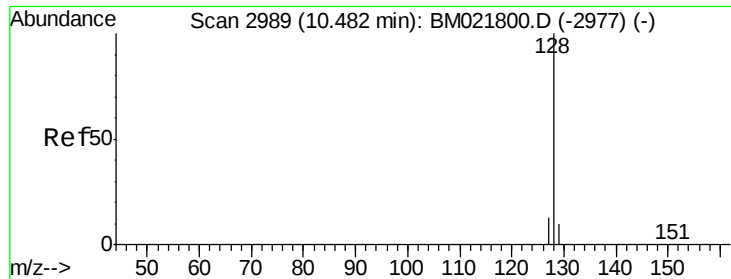
Instrument :
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Quant Time: Aug 05 05:49:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 05:26:43 2019
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#3

Naphthalene

Concen: 0.220 ng/ul

RT: 10.47 min Scan# 2985

Delta R.T. -0.02 min

Lab File: BM021806.D

Acq: 04 Aug 2019 11:08

Instrument :

BNA_M

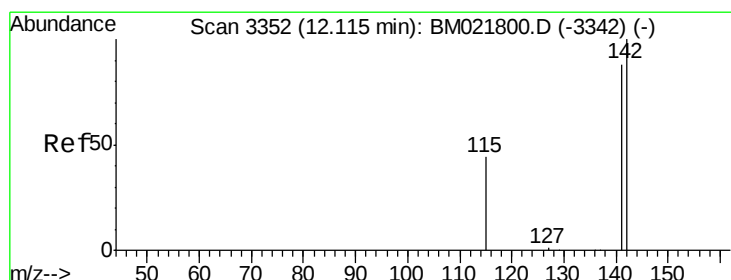
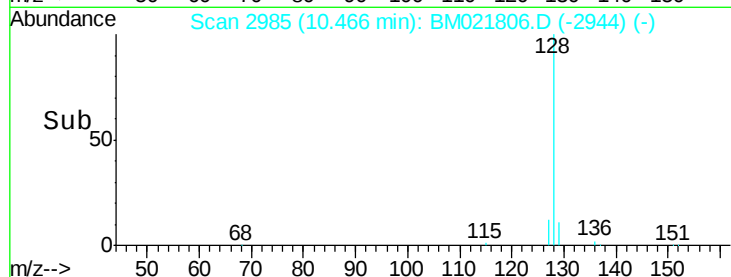
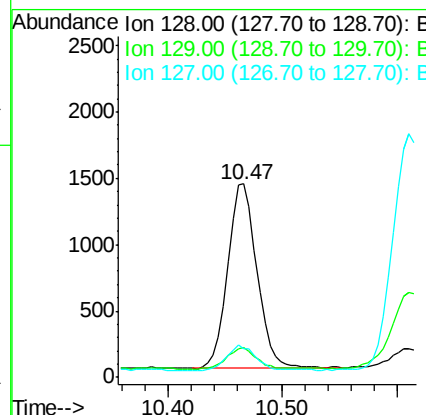
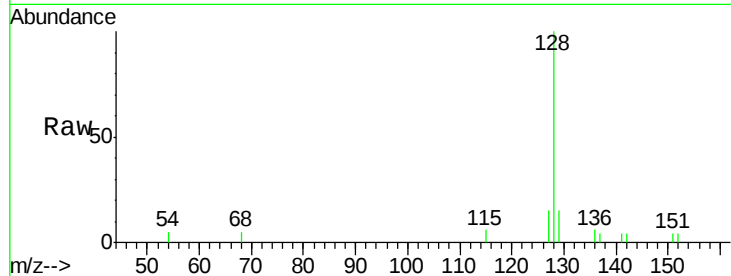
ClientSampleId :

BENR9

Tgt Ion:	128	Resp:	2458
Ion Ratio	Lower	Upper	
128	100		
129	15.3	12.3	18.5
127	15.0	13.0	19.6

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#5

2-Methylnaphthalene

Concen: 0.223 ng/ul

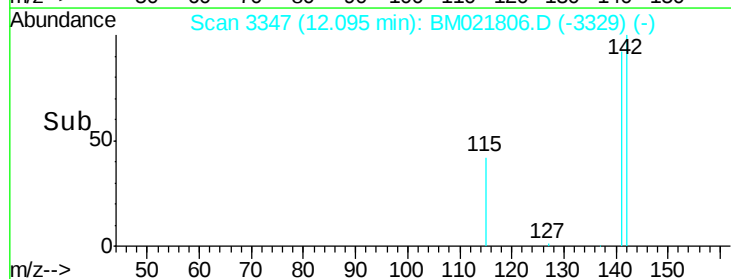
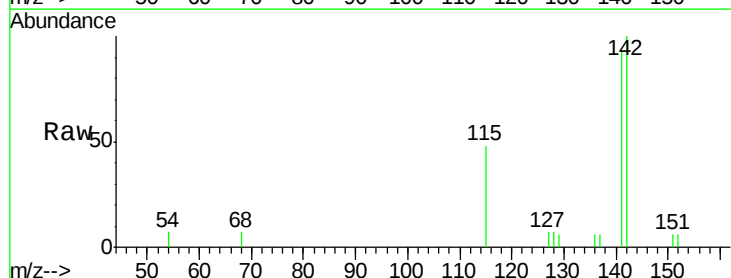
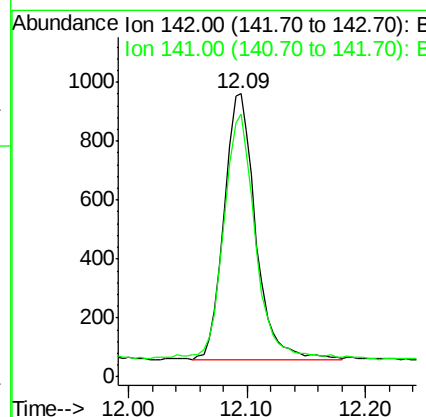
RT: 12.09 min Scan# 3347

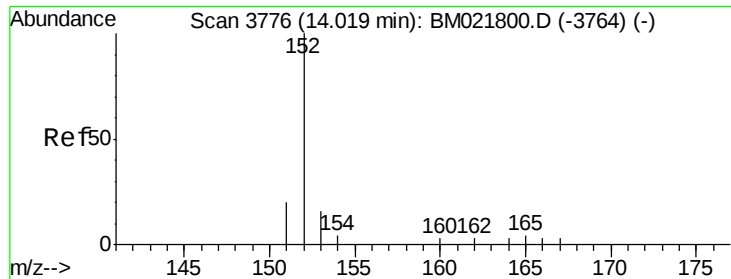
Delta R.T. -0.02 min

Lab File: BM021806.D

Acq: 04 Aug 2019 11:08

Tgt Ion:	142	Resp:	1659
Ion Ratio	Lower	Upper	
142	100		
141	92.2	74.3	111.5





#7

Acenaphthylene

Concen: 0.769 ng/ul

RT: 14.01 min Scan# 3772

Delta R.T. -0.01 min

Lab File: BM021806.D

Acq: 04 Aug 2019 11:08

Instrument :

BNA_M

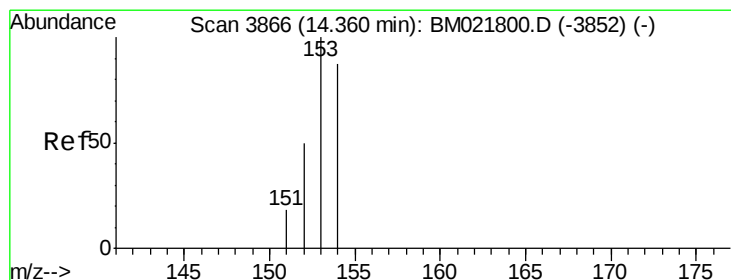
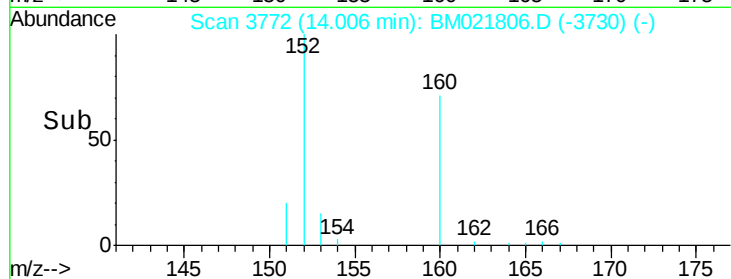
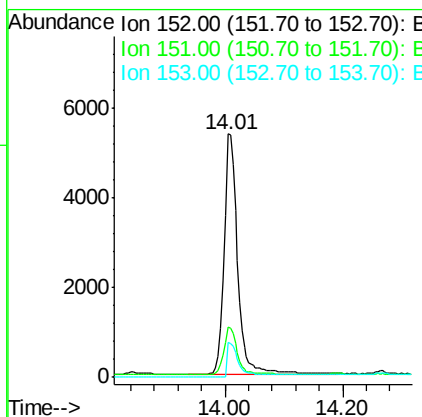
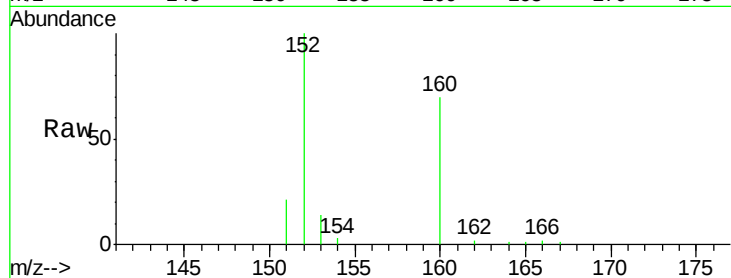
ClientSampleId :

BENR9

Tgt Ion:	152	Resp:	8404
Ion Ratio	Lower	Upper	
152	100		
151	20.8	18.3	27.5
153	14.4	12.8	19.2

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#8

Acenaphthene

Concen: 0.167 ng/ul

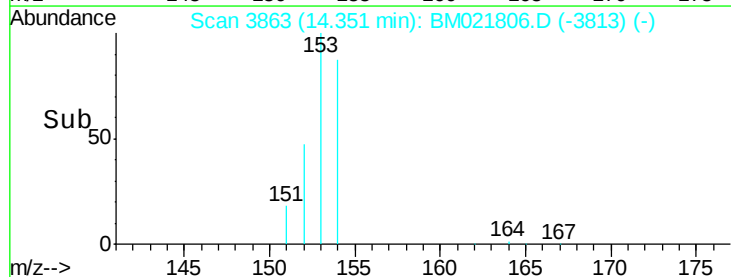
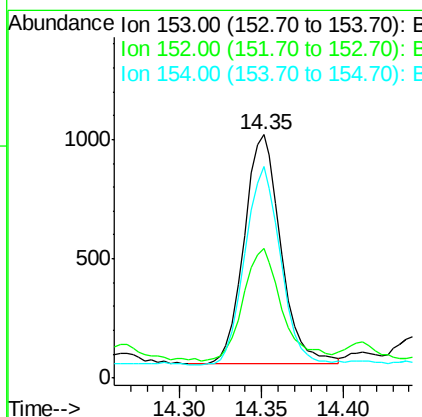
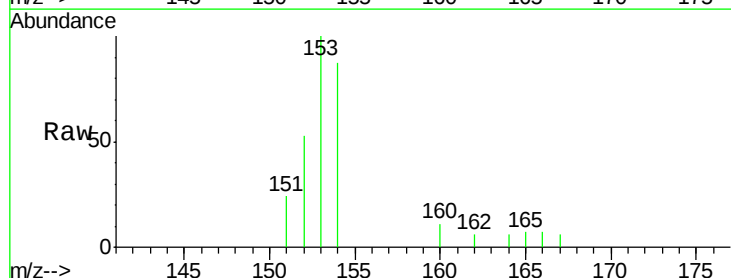
RT: 14.35 min Scan# 3863

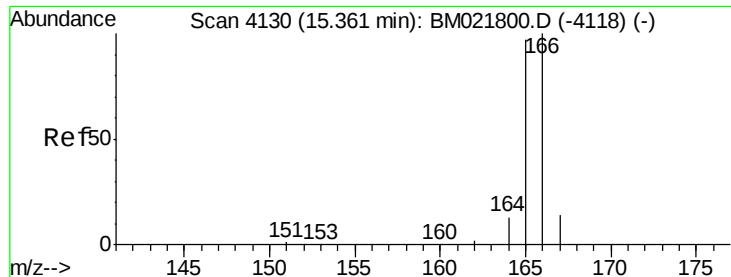
Delta R.T. -0.01 min

Lab File: BM021806.D

Acq: 04 Aug 2019 11:08

Tgt Ion:	153	Resp:	1494
Ion Ratio	Lower	Upper	
153	100		
152	53.4	41.3	61.9
154	87.0	72.3	108.5





#9

Fluorene

Concen: 0.287 ng/ul

RT: 15.34 min Scan# 4125

Delta R.T. -0.02 min

Lab File: BM021806.D

Acq: 04 Aug 2019 11:08

Instrument :

BNA_M

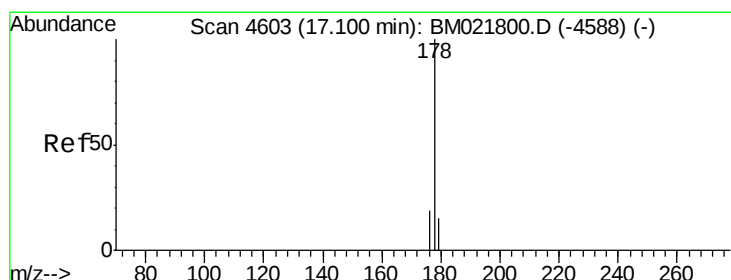
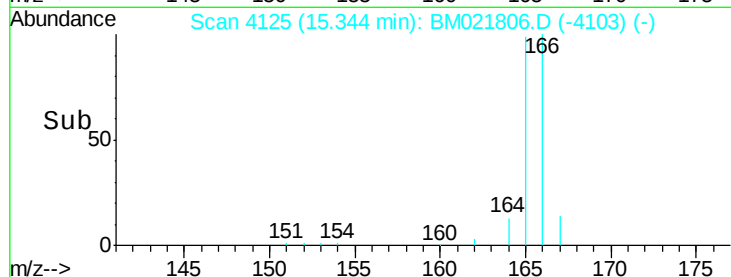
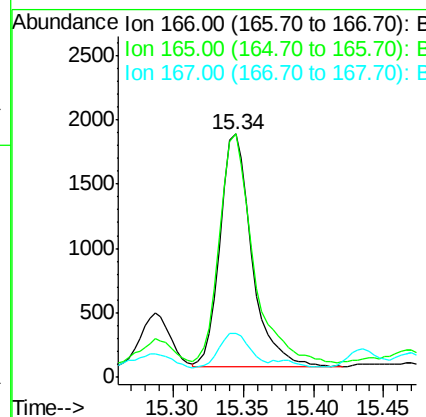
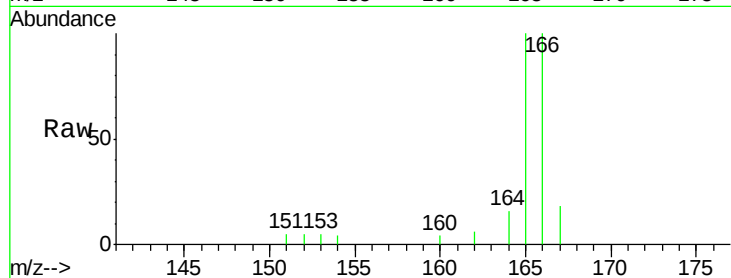
ClientSampleId :

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Tgt Ion:	166	Resp:	2854
Ion Ratio	Lower	Upper	
166	100		
165	100.1	81.4	122.0
167	18.1	13.7	20.5

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#12

Phenanthrene

Concen: 3.119 ng/ul m

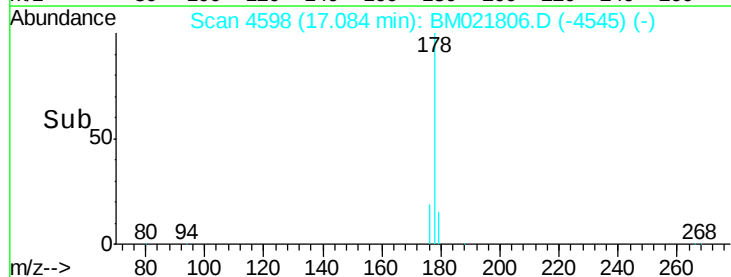
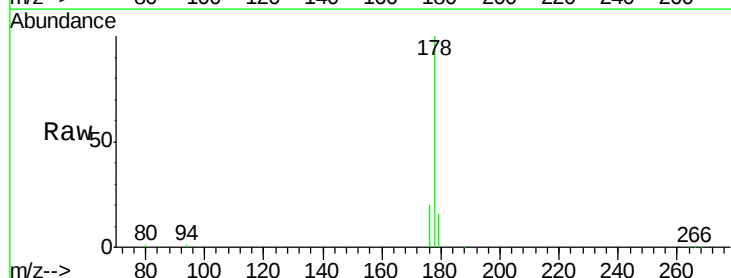
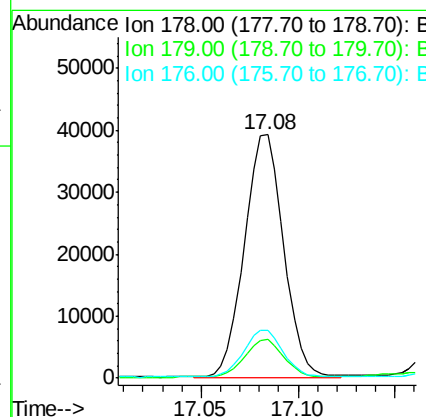
RT: 17.08 min Scan# 4598

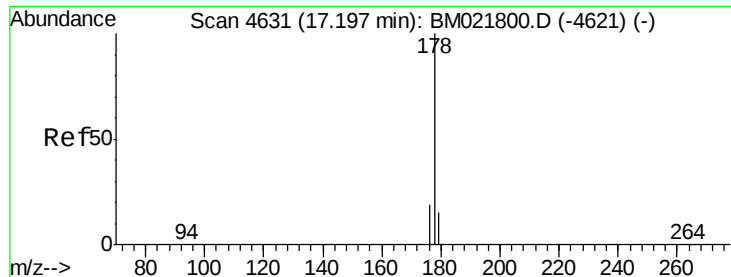
Delta R.T. -0.02 min

Lab File: BM021806.D

Acq: 04 Aug 2019 11:08

Tgt Ion:	178	Resp:	55285
Ion Ratio	Lower	Upper	
178	100		
179	15.7	14.2	21.2
176	19.7	16.8	25.2





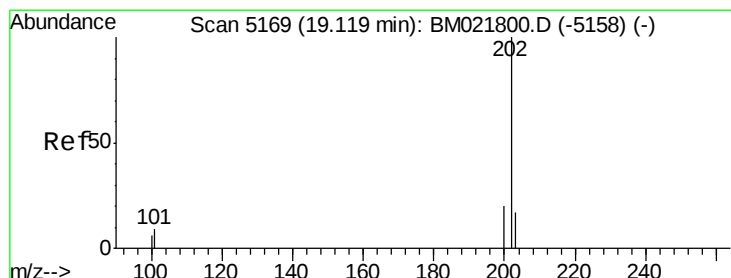
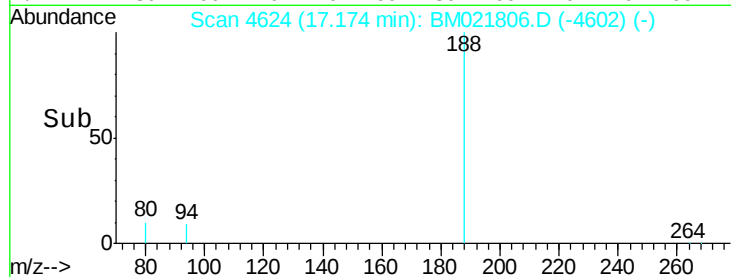
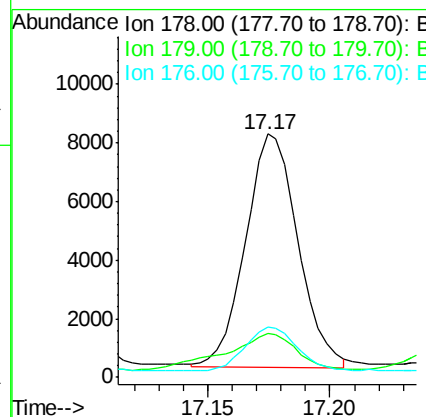
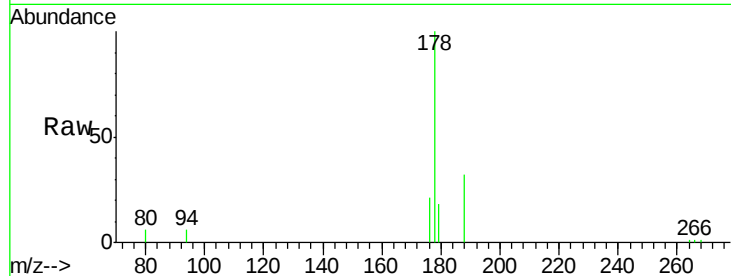
#13
 Anthracene
 Concen: 0.791 ng/ul m
 RT: 17.17 min Scan# 4624
 Delta R.T. -0.02 min
 Lab File: BM021806.D
 Acq: 04 Aug 2019 11:08

Instrument :
 BNA_M
 ClientSampleId :
 BENR9

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.0	15.5	23.3
176	20.8	16.6	25.0

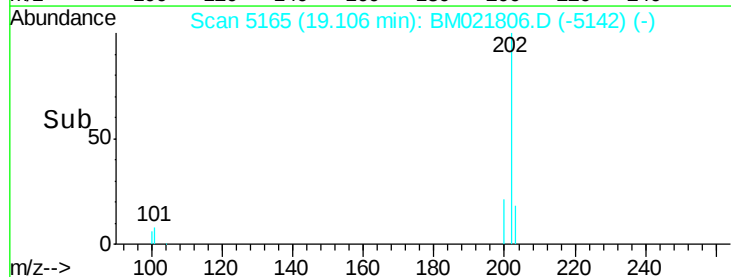
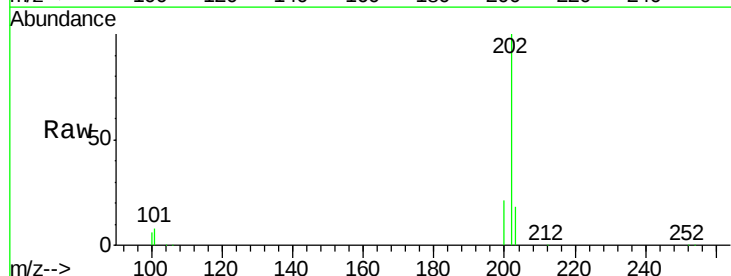
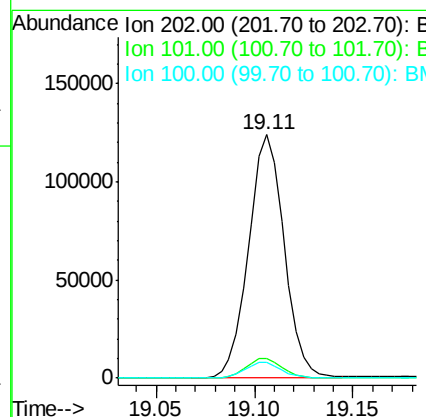
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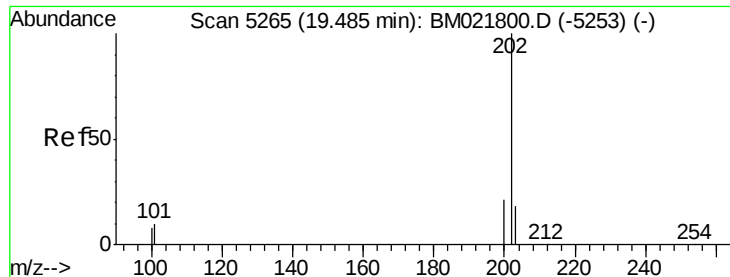
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#15
 Fluoranthene
 Concen: 6.515 ng/ul m
 RT: 19.11 min Scan# 5165
 Delta R.T. -0.01 min
 Lab File: BM021806.D
 Acq: 04 Aug 2019 11:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	30.2
100	6.3	0.0	28.1





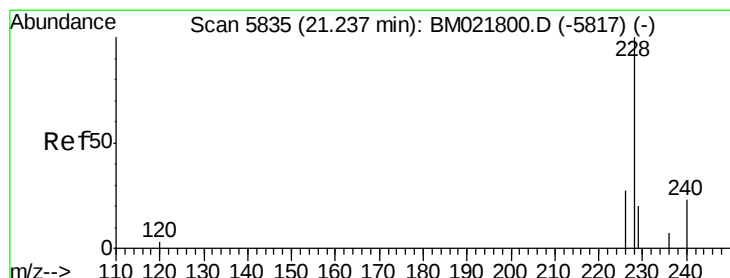
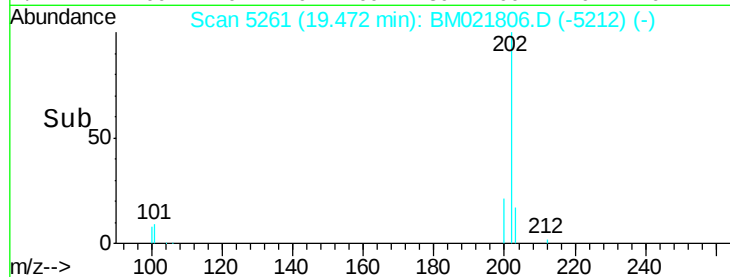
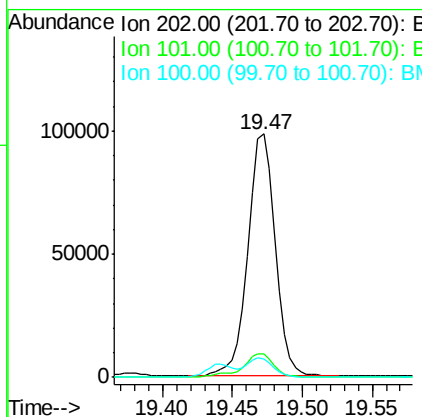
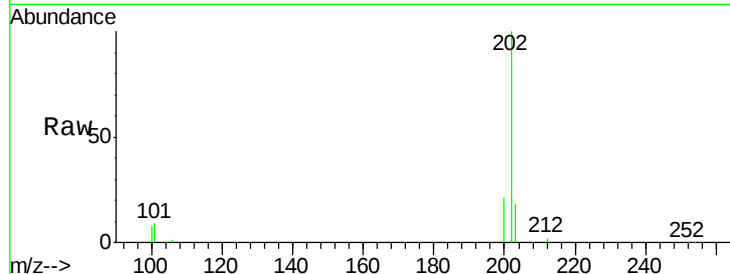
#17
Pyrene
 Concen: 5.093 ng/u1
 RT: 19.47 min Scan# 5261
 Delta R.T. -0.01 min
 Lab File: BM021806.D
 Acq: 04 Aug 2019 11:08

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:	202	Resp:	133519
Ion Ratio	Lower	Upper	
202	100		
101	9.4	8.3	12.5
100	7.7	7.2	10.8

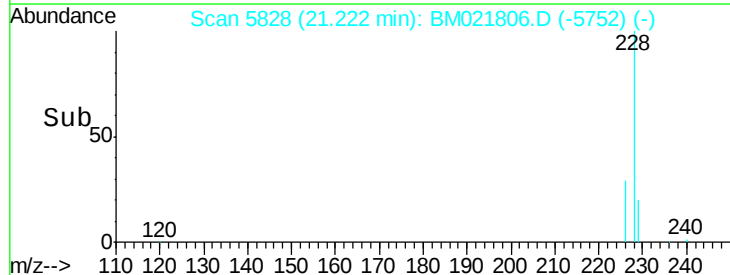
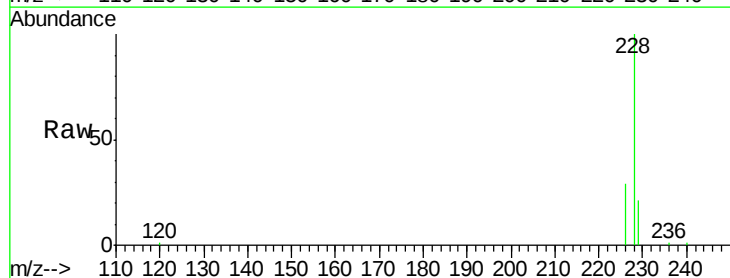
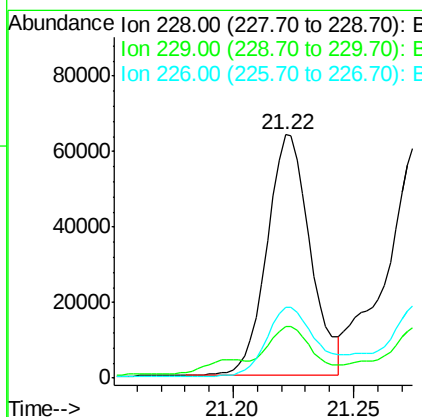
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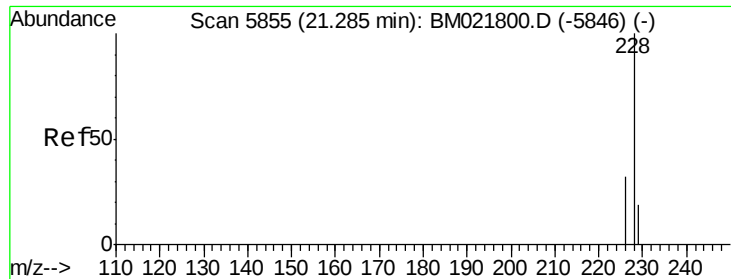
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#18
Benzo(a)anthracene
 Concen: 3.501 ng/u1 m
 RT: 21.22 min Scan# 5828
 Delta R.T. -0.02 min
 Lab File: BM021806.D
 Acq: 04 Aug 2019 11:08

Tgt Ion:	228	Resp:	79886
Ion Ratio	Lower	Upper	
228	100		
229	21.2	17.2	25.8
226	29.3	22.6	34.0





#19

Chrysene

Concen: 3.141 ng/ul

RT: 21.27 min Scan# 5850

Delta R.T. -0.01 min

Lab File: BM021806.D

Acq: 04 Aug 2019 11:08

Instrument :

BNA_M

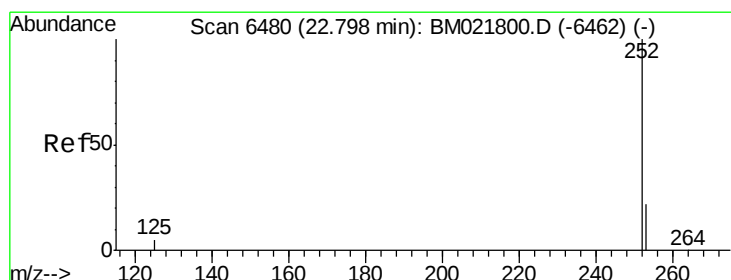
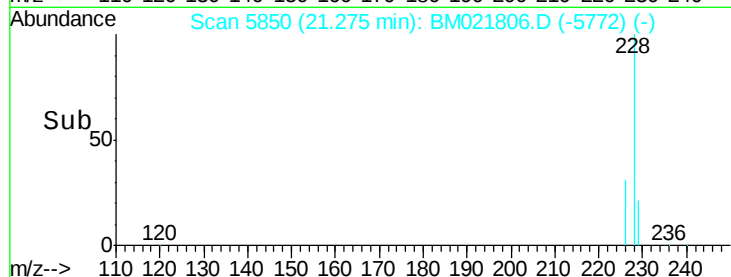
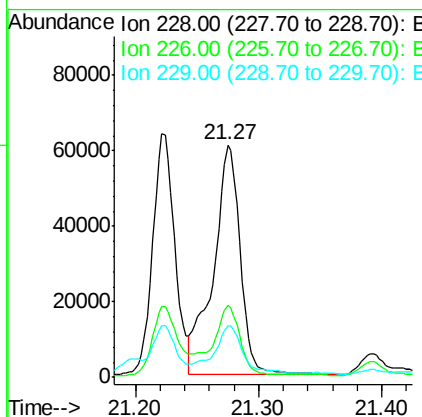
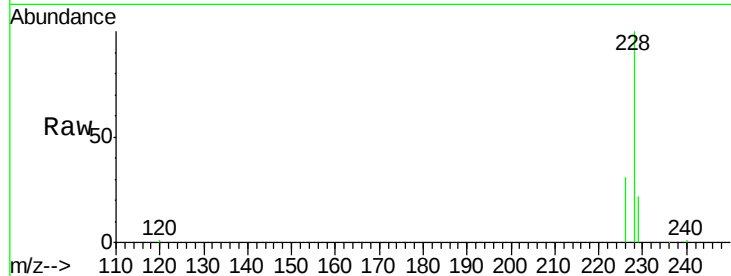
ClientSampleId :

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Tgt Ion:	228	Resp:	92182
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.9	37.3
229	22.1	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 6.268 ng/ul m

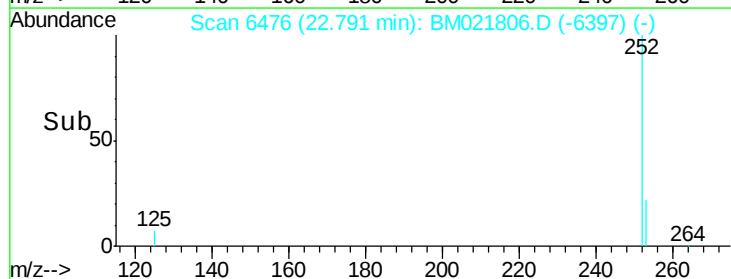
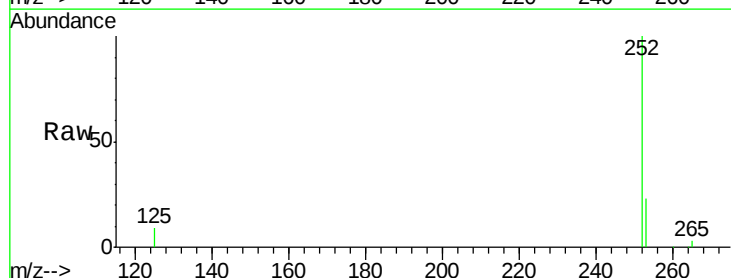
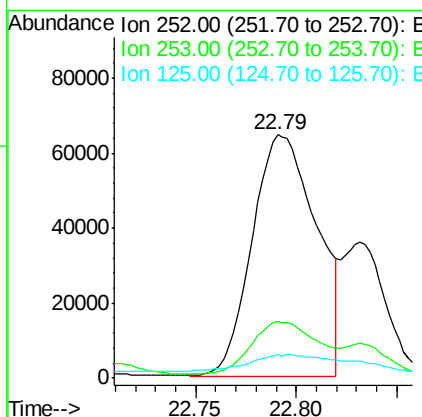
RT: 22.79 min Scan# 6476

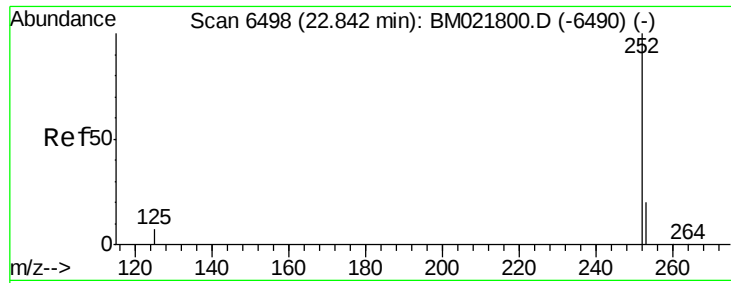
Delta R.T. -0.01 min

Lab File: BM021806.D

Acq: 04 Aug 2019 11:08

Tgt Ion:	252	Resp:	144113
Ion Ratio	Lower	Upper	
252	100		
253	23.3	0.0	67.4
125	9.4	0.0	31.0





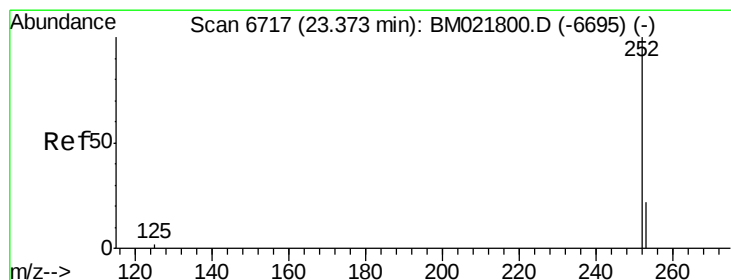
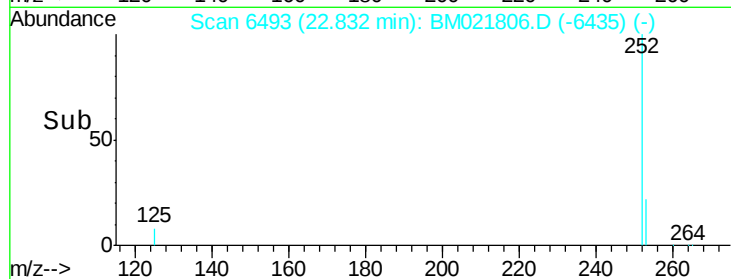
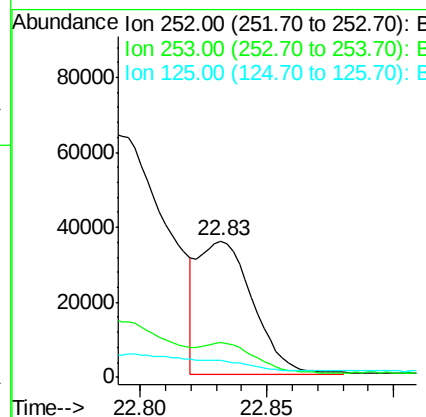
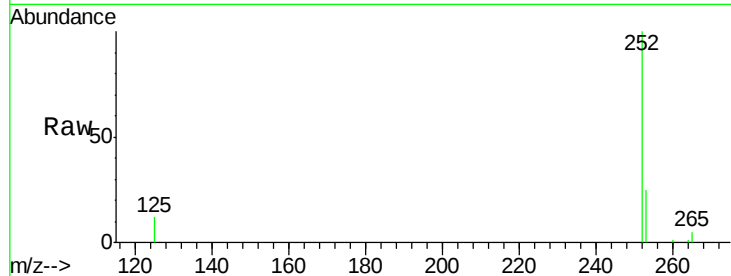
#22
Benzo(k)fluoranthene
Concen: 2.066 ng/ul m
RT: 22.83 min Scan# 6493
Delta R.T. -0.01 min
Lab File: BM021806.D
Acq: 04 Aug 2019 11:08

Instrument :
BNA_M
ClientSampled :
BENR9

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	27.0	40.4#
125	12.1	12.2	18.2#

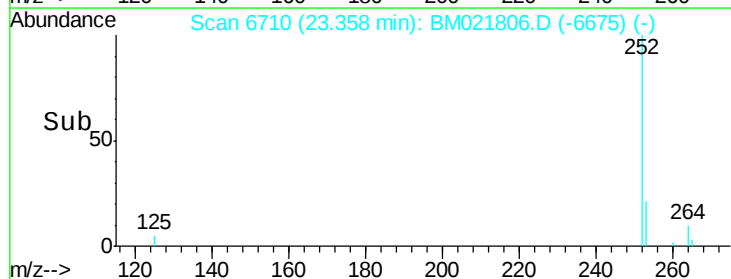
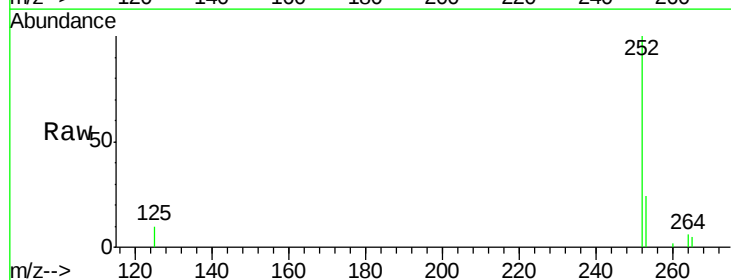
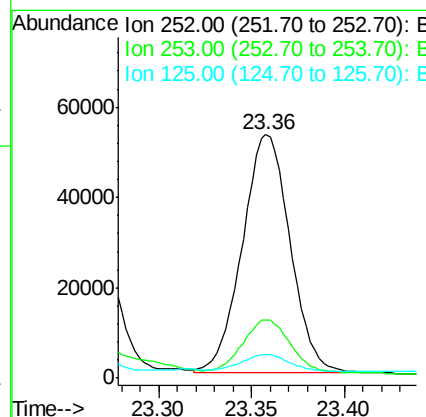
Manual Integrations
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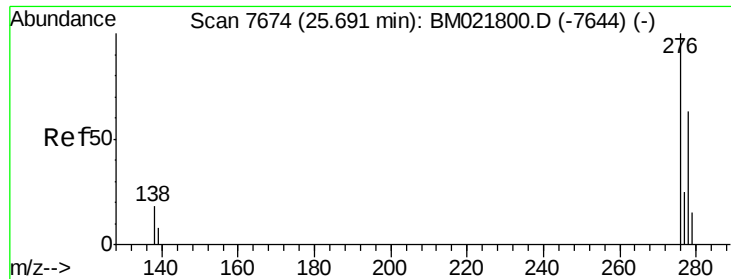
mohammad
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#23
Benzo(a)pyrene
Concen: 4.051 ng/ul m
RT: 23.36 min Scan# 6710
Delta R.T. -0.02 min
Lab File: BM021806.D
Acq: 04 Aug 2019 11:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	31.7	47.5#
125	9.7	14.6	21.8#





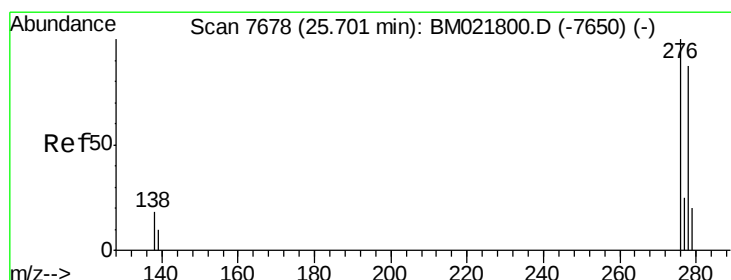
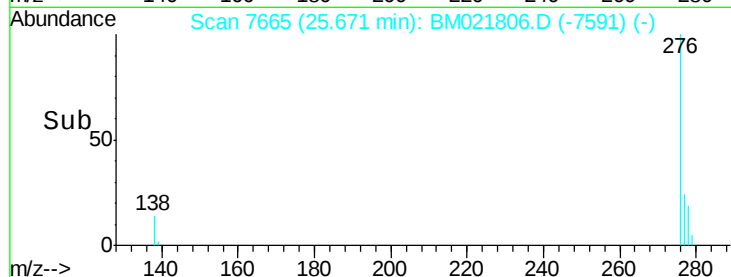
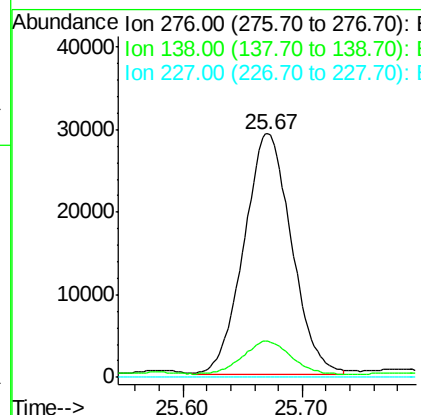
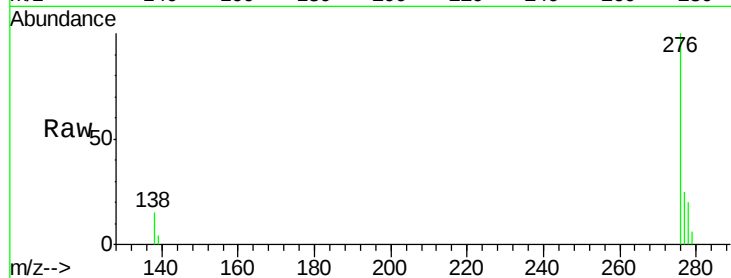
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.899 ng/ul m
 RT: 25.67 min Scan# 7665
 Delta R.T. -0.02 min
 Lab File: BM021806.D
 Acq: 04 Aug 2019 11:08

Instrument :
 BNA_M
 ClientSampleId :
 BENR9

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	80942		
138	1.6	15.1	22.7#	
227	0.0	0.0	0.0	

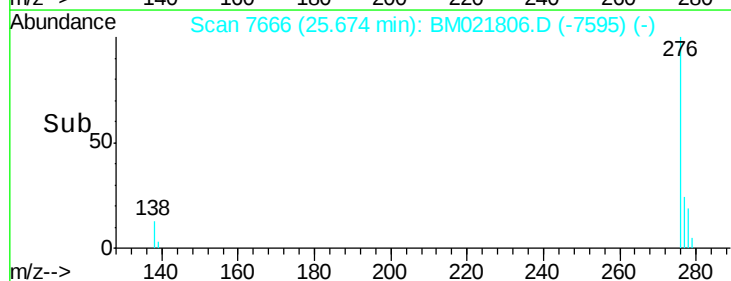
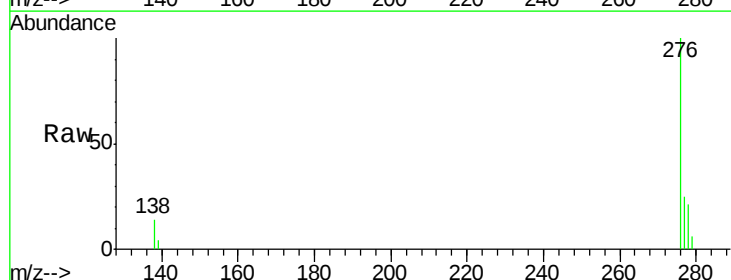
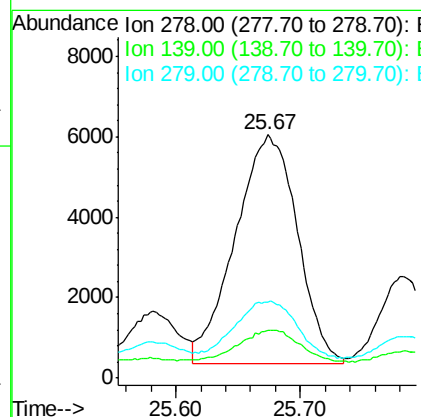
Manual Integrations
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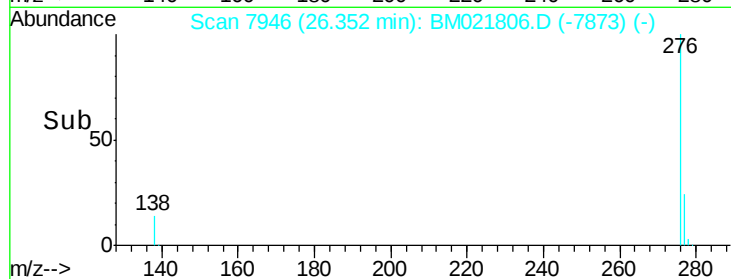
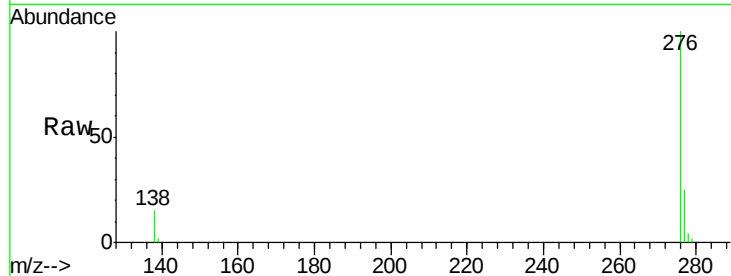
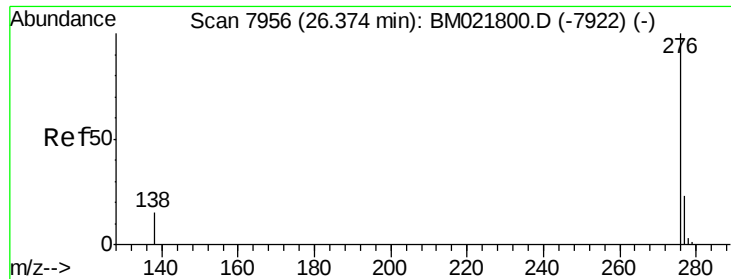
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.870 ng/ul m
 RT: 25.67 min Scan# 7666
 Delta R.T. -0.03 min
 Lab File: BM021806.D
 Acq: 04 Aug 2019 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	19628		
139	19.9	14.2	21.2	
279	31.2	28.3	42.5	





#26

Benzo(g,h,i)perylene

Concen: 3.376 ng/ul m

RT: 26.35 min Scan# 7946

Delta R.T. -0.02 min

Lab File: BM021806.D

Acq: 04 Aug 2019 11:08

Instrument :

BNA_M

ClientSampleId :

BENR9

Tgt Ion:	276	Resp:	84851
Ion Ratio	Lower	Upper	
276	100		
138	15.0	15.5	23.3#
277	24.6	21.4	32.2

Manual Integrations
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