

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
 Data File : BM021807.D
 Acq On : 04 Aug 2019 11:44
 Operator : HP/JU
 Sample : K3850-17
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENS3

Manual Integrations
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Quant Time: Aug 05 05:54:46 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	1014	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.42	136	3916	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.29	164	2328	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	5900m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	6194m	0.40	ng/ul	-0.01
20) Perylene-d12	23.45	264	7044m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	1038	0.16	ng/ul	-0.02
14) Fluoranthene-d10	19.08	212	3335m	0.17	ng/ul	-0.01
Target Compounds					Qvalue	
3) Naphthalene	10.47	128	1417	0.128	ng/ul	95
5) 2-Methylnaphthalene	12.10	142	1275	0.173	ng/ul	95
7) Acenaphthylene	14.01	152	8321	0.766	ng/ul	95
8) Acenaphthene	14.35	153	1573	0.177	ng/ul	95
9) Fluorene	15.34	166	2907	0.295	ng/ul	98
11) Pentachlorophenol	16.71	266	108m	0.099	ng/ul	
12) Phenanthrene	17.08	178	76321m	4.446	ng/ul	
13) Anthracene	17.17	178	15409m	1.052	ng/ul	
15) Fluoranthene	19.11	202	165854m	7.212	ng/ul	
17) Pyrene	19.47	202	127971	5.028	ng/ul	96
18) Benzo(a)anthracene	21.22	228	78602	3.548	ng/ul	99
19) Chrysene	21.27	228	78817	2.766	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	106094m	4.466	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	41211m	1.533	ng/ul	
23) Benzo(a)pyrene	23.36	252	69128	2.862	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.67	276	53100	1.841	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.67	278	14319	0.614	ng/ul	95
26) Benzo(g,h,i)perylene	26.35	276	49980	1.925	ng/ul#	94

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

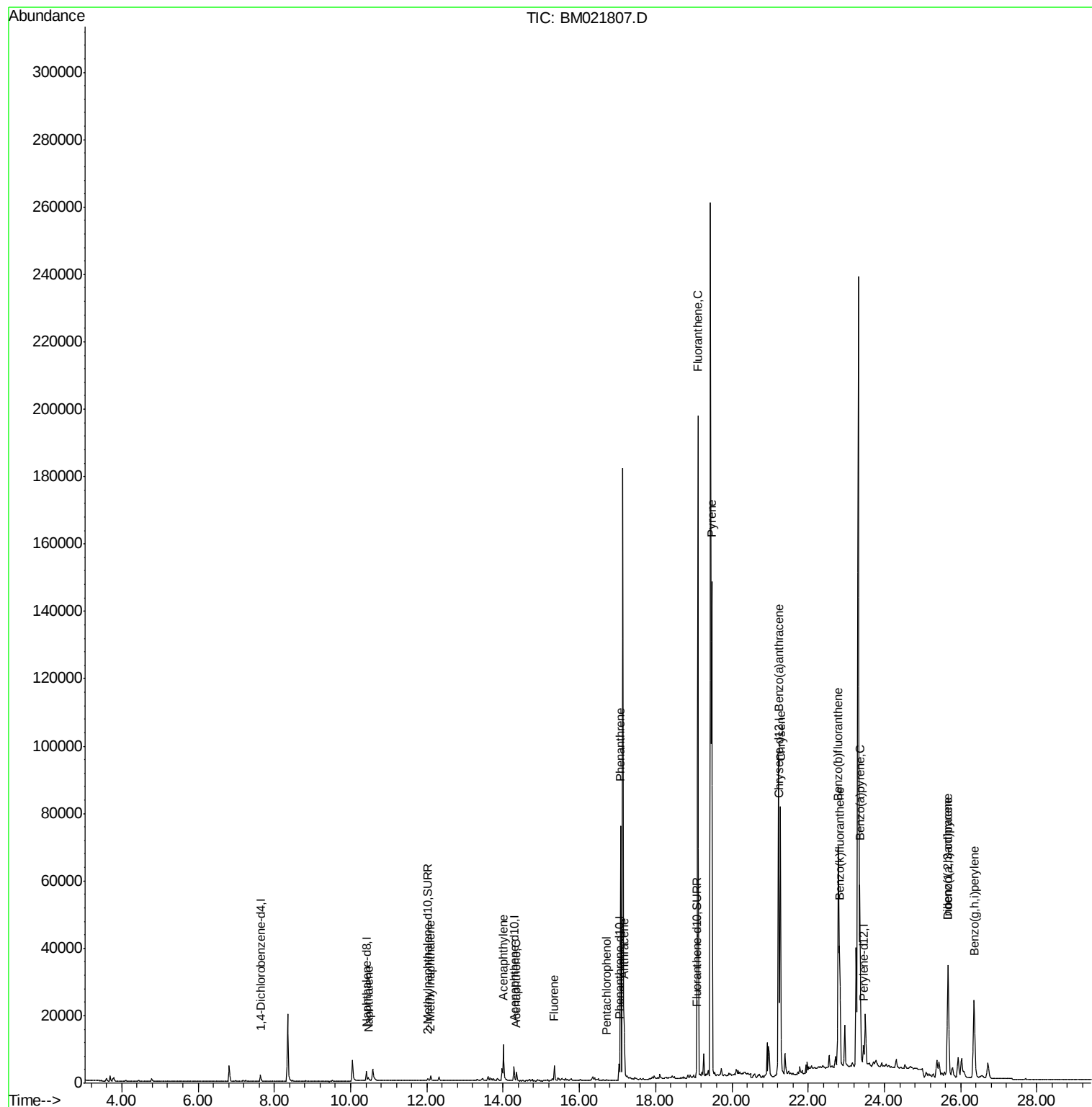
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
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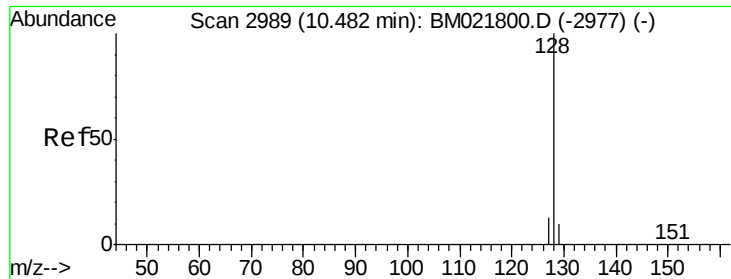
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QLast Update : Mon Aug 05 05:26:43 2019
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#3

Naphthalene

Concen: 0.128 ng/ul

RT: 10.47 min Scan# 2985

Delta R.T. -0.02 min

Lab File: BM021807.D

Acq: 04 Aug 2019 11:44

Instrument :

BNA_M

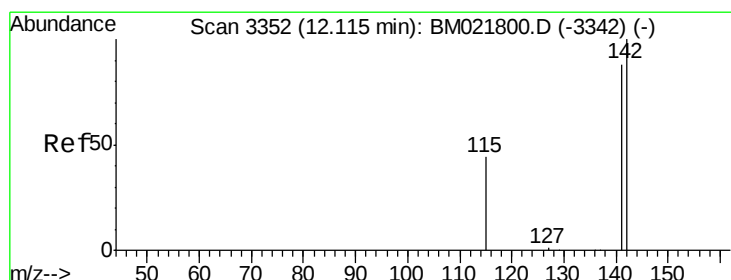
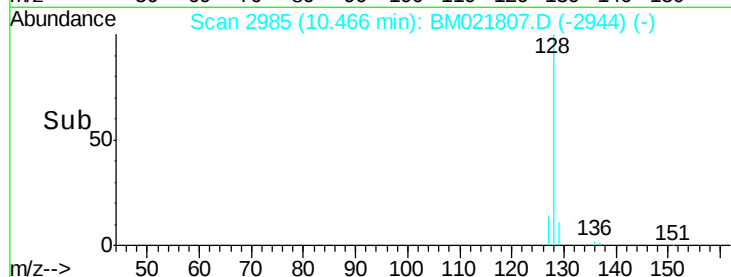
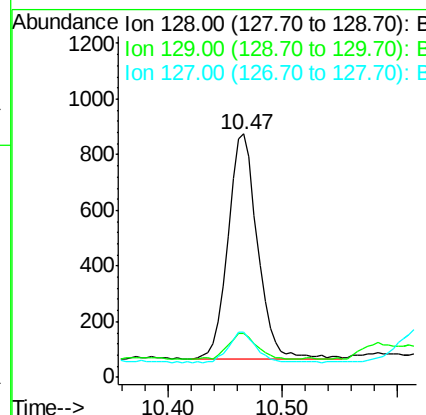
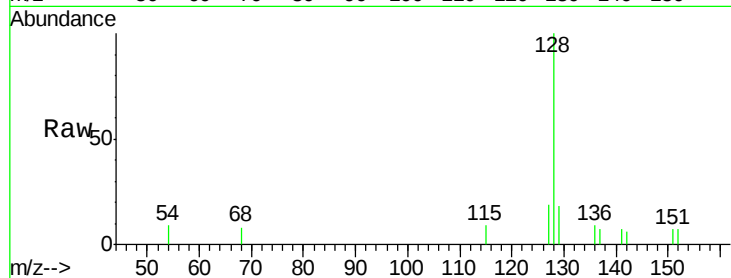
ClientSampleId :

BENS3

Tgt Ion:	128	Resp:	1417
Ion Ratio	Lower	Upper	
128	100		
129	17.8	12.3	18.5
127	18.5	13.0	19.6

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#5

2-Methylnaphthalene

Concen: 0.173 ng/ul

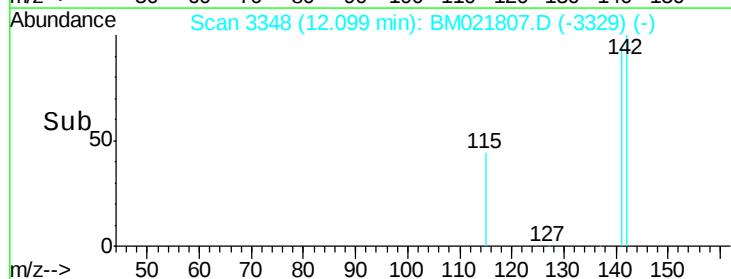
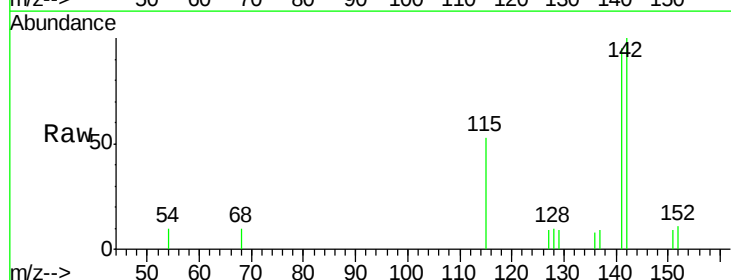
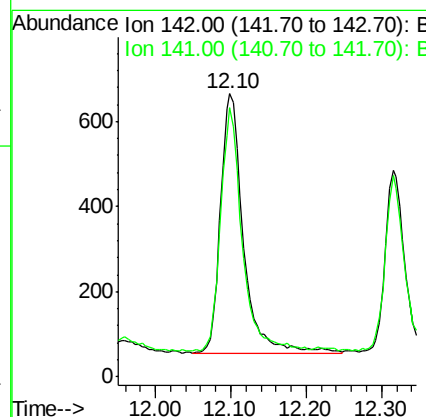
RT: 12.10 min Scan# 3348

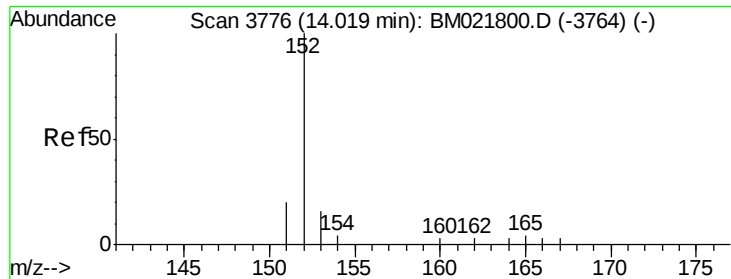
Delta R.T. -0.02 min

Lab File: BM021807.D

Acq: 04 Aug 2019 11:44

Tgt Ion:	142	Resp:	1275
Ion Ratio	Lower	Upper	
142	100		
141	88.5	74.3	111.5





#7

Acenaphthylene

Concen: 0.766 ng/ul

RT: 14.01 min Scan# 3773

Delta R.T. -0.01 min

Lab File: BM021807.D

Acq: 04 Aug 2019 11:44

Instrument :

BNA_M

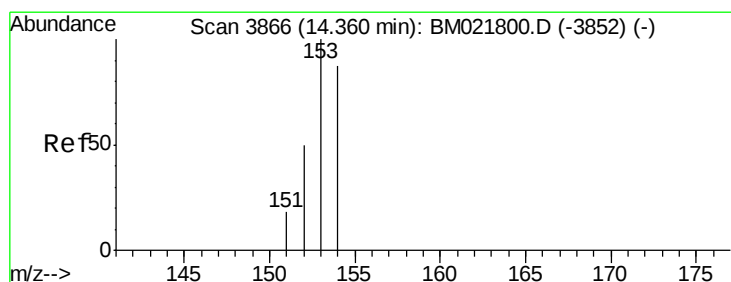
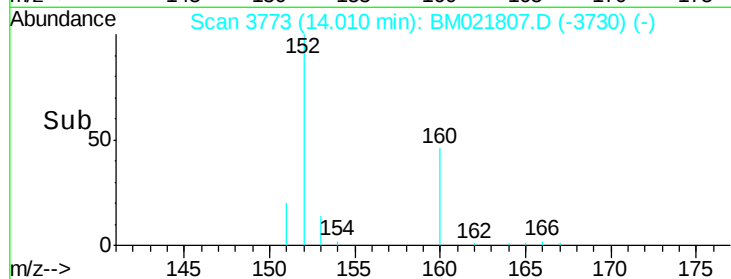
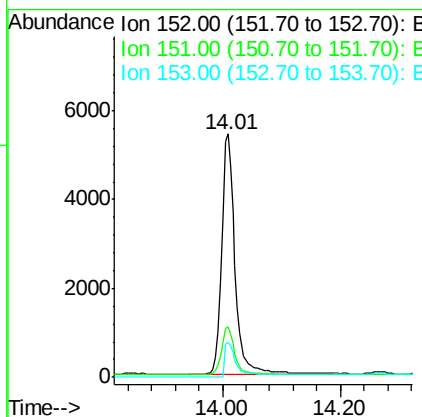
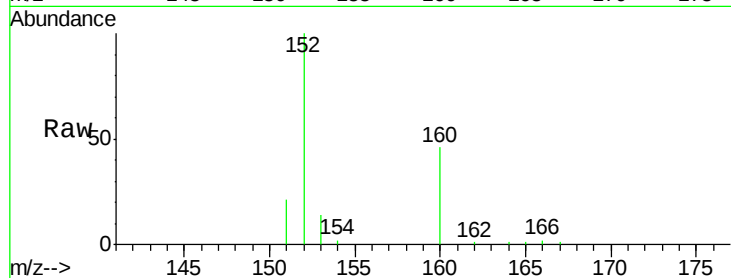
ClientSampleId :

BENS3

Tgt Ion:	152	Resp:	8321
Ion Ratio	Lower	Upper	
152	100		
151	20.6	18.3	27.5
153	14.2	12.8	19.2

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#8

Acenaphthene

Concen: 0.177 ng/ul

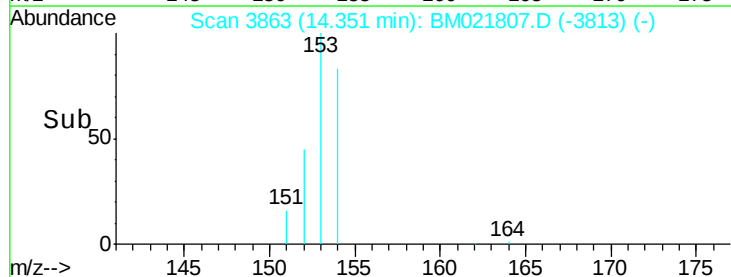
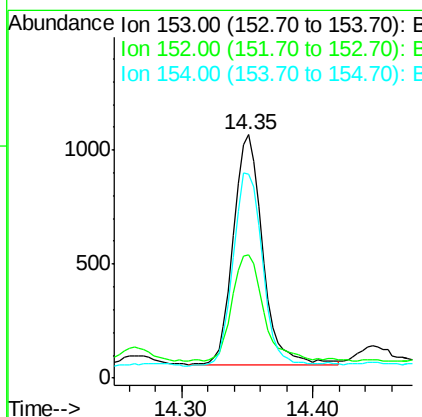
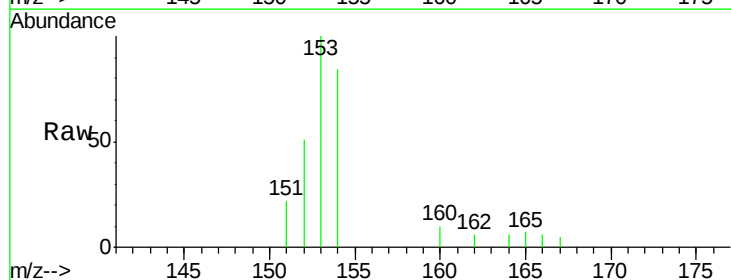
RT: 14.35 min Scan# 3863

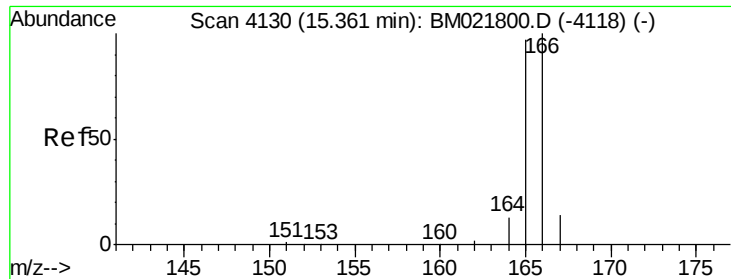
Delta R.T. -0.01 min

Lab File: BM021807.D

Acq: 04 Aug 2019 11:44

Tgt Ion:	153	Resp:	1573
Ion Ratio	Lower	Upper	
153	100		
152	50.8	41.3	61.9
154	83.9	72.3	108.5





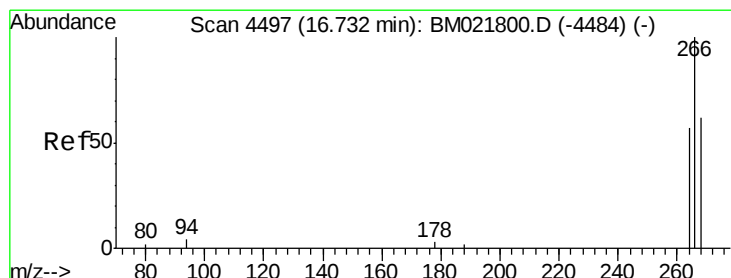
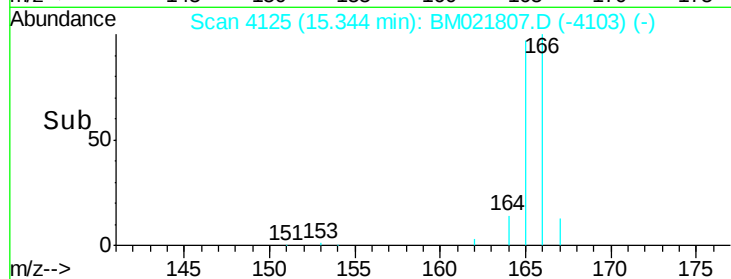
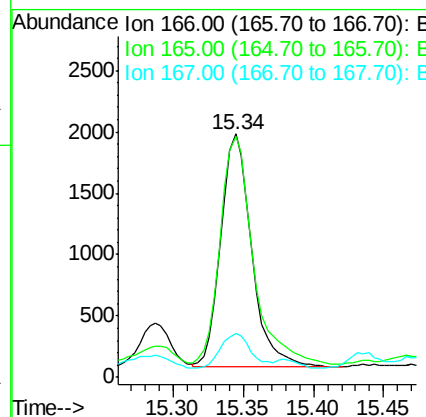
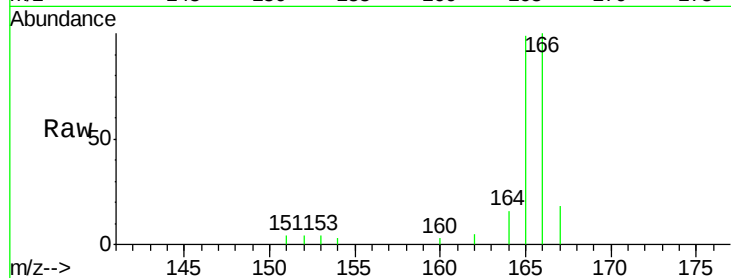
#9
Fluorene
 Concen: 0.295 ng/ul
 RT: 15.34 min Scan# 4125
 Delta R.T. -0.02 min
 Lab File: BM021807.D
 Acq: 04 Aug 2019 11:44

Instrument :
 BNA_M
 ClientSampleId :
 BENS3

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	81.4	122.0
167	17.9	13.7	20.5

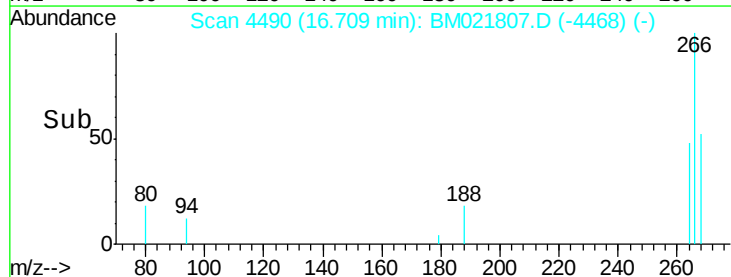
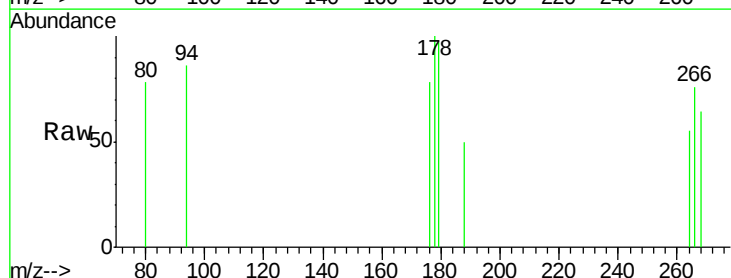
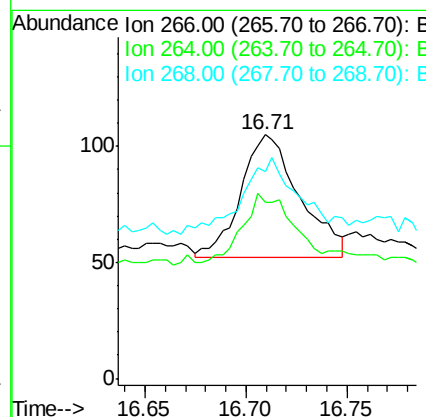
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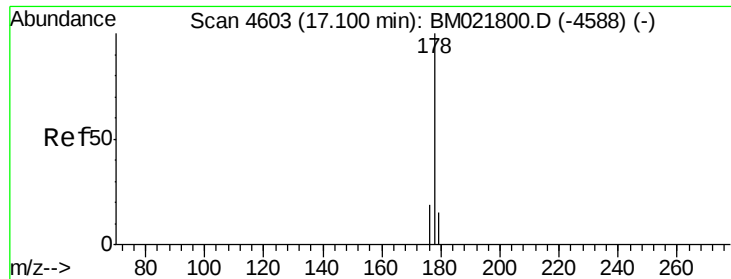
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#11
Pentachlorophenol
 Concen: 0.099 ng/ul m
 RT: 16.71 min Scan# 4490
 Delta R.T. -0.02 min
 Lab File: BM021807.D
 Acq: 04 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
266	100		
264	1.9	54.2	81.2#
268	2.8	57.6	86.4#





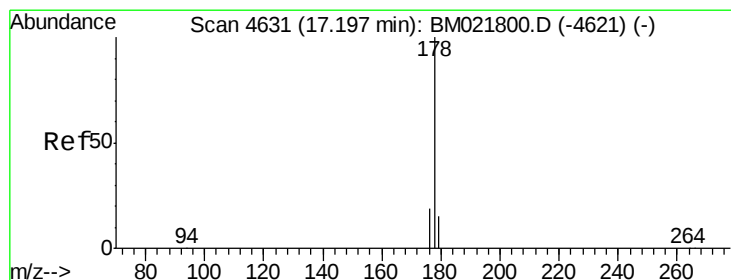
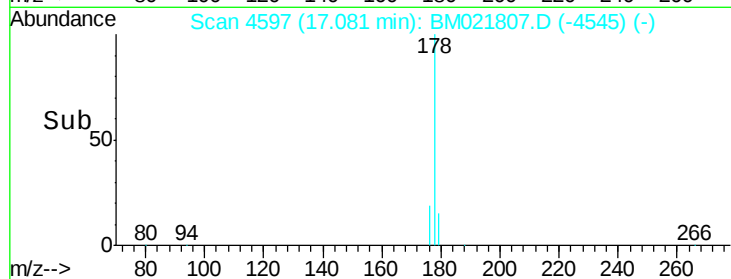
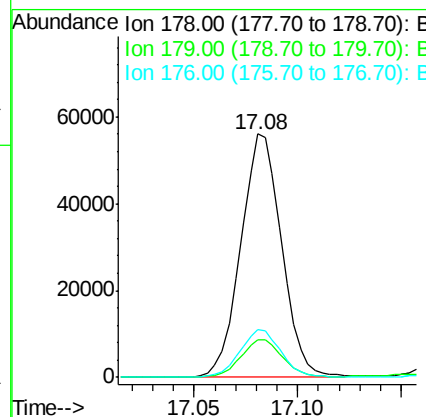
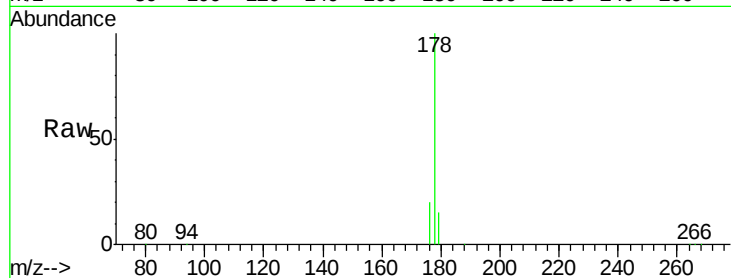
#12
Phenanthrene
Concen: 4.446 ng/ul m
RT: 17.08 min Scan# 4597
Delta R.T. -0.02 min
Lab File: BM021807.D
Acq: 04 Aug 2019 11:44

Instrument :
BNA_M
ClientSampleId :
BENS3

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	14.2	21.2
176	19.5	16.8	25.2

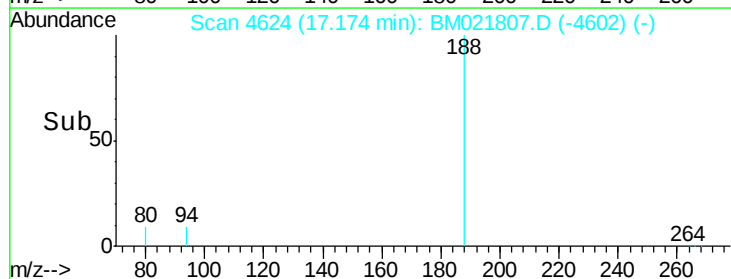
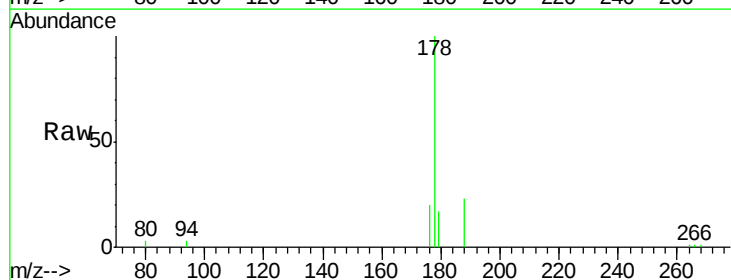
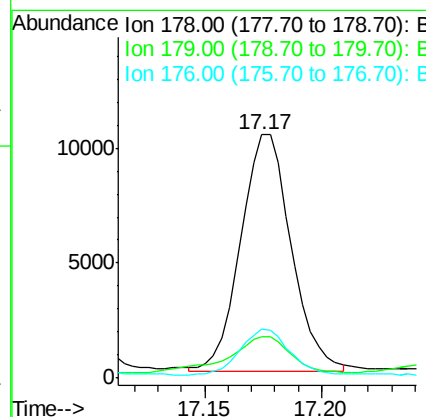
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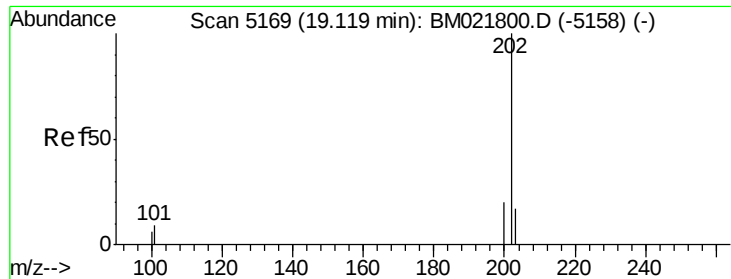
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#13
Anthracene
Concen: 1.052 ng/ul m
RT: 17.17 min Scan# 4624
Delta R.T. -0.02 min
Lab File: BM021807.D
Acq: 04 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.1	15.5	23.3
176	19.9	16.6	25.0





#15

Fluoranthene

Concen: 7.212 ng/ul m

RT: 19.11 min Scan# 5165

Delta R.T. -0.01 min

Lab File: BM021807.D

Acq: 04 Aug 2019 11:44

Instrument :

BNA_M

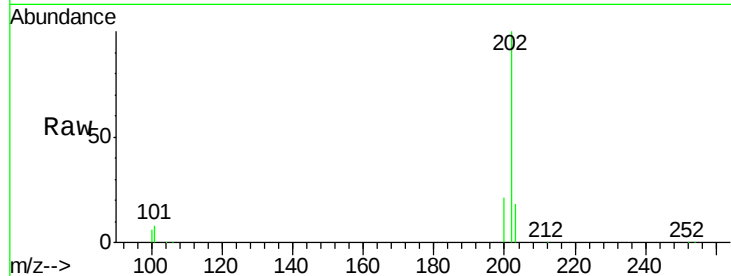
ClientSampleId :

BENS3

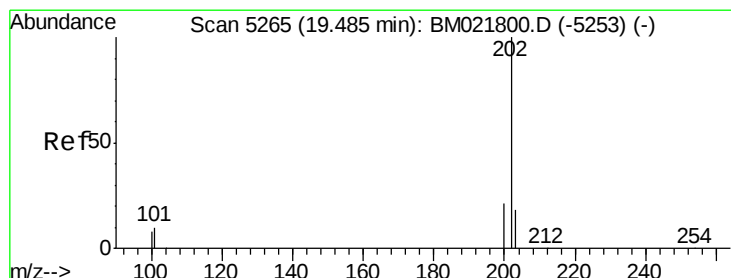
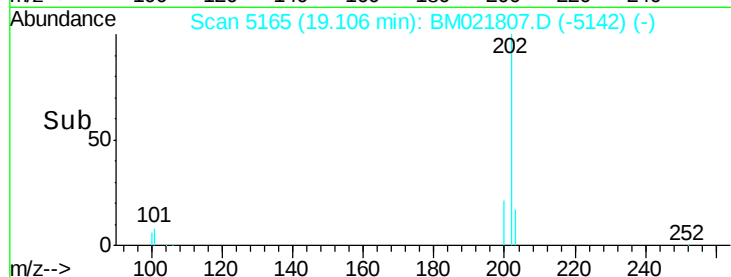
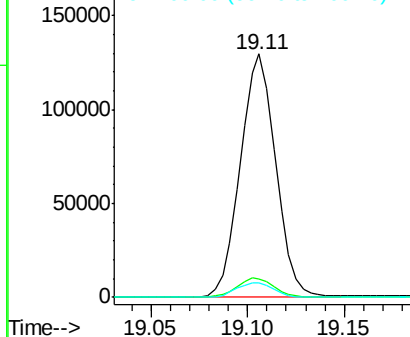
Tgt	Ion	202	Resp:	165854
Ion	Ratio	Lower	Upper	
202	100			
101	7.8	0.0	30.2	
100	5.9	0.0	28.1	

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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



#17

Pyrene

Concen: 5.028 ng/ul

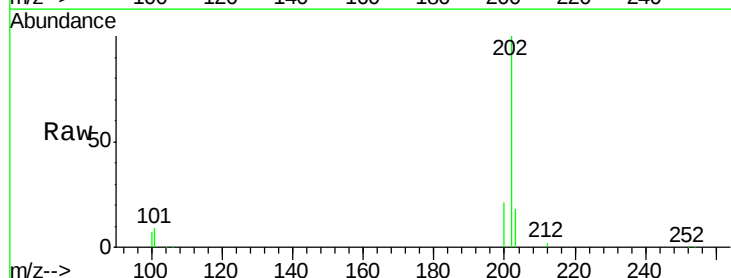
RT: 19.47 min Scan# 5261

Delta R.T. -0.01 min

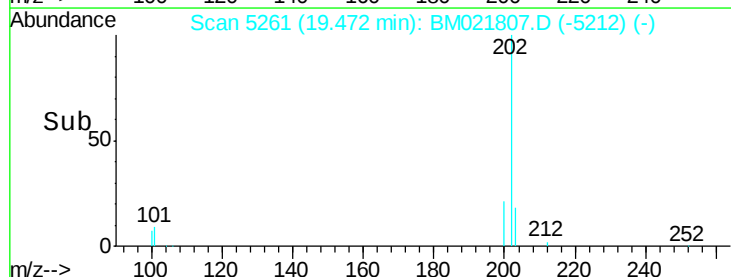
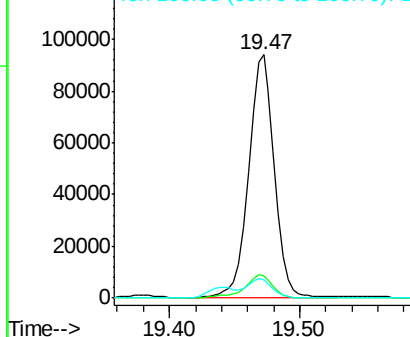
Lab File: BM021807.D

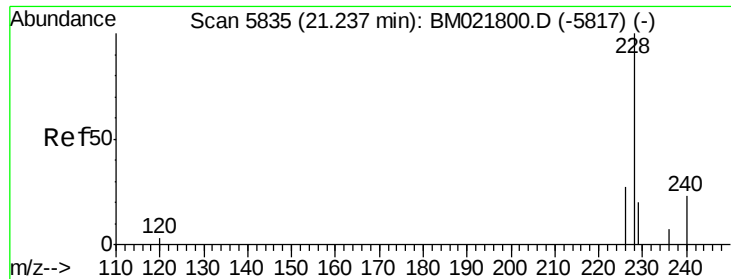
Acq: 04 Aug 2019 11:44

Tgt	Ion	202	Resp:	127971
Ion	Ratio	Lower	Upper	
202	100			
101	9.0	8.3	12.5	
100	7.4	7.2	10.8	



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





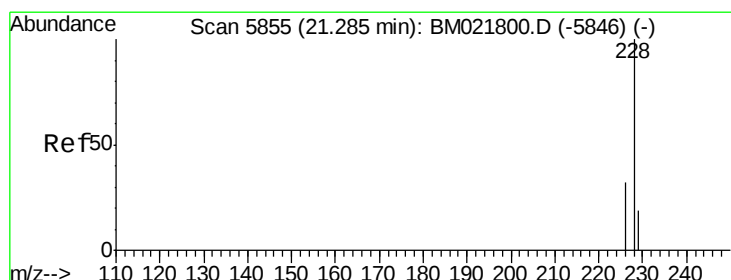
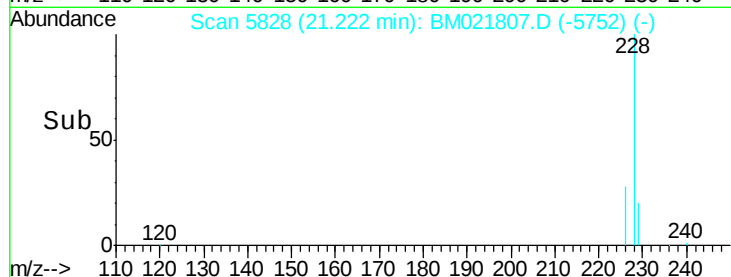
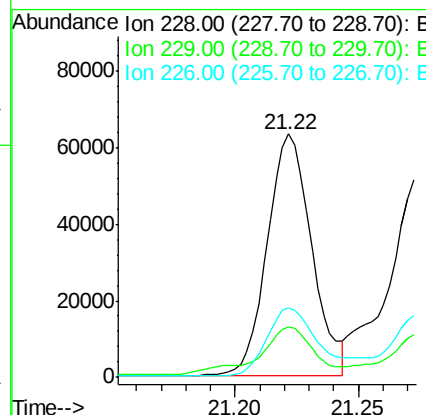
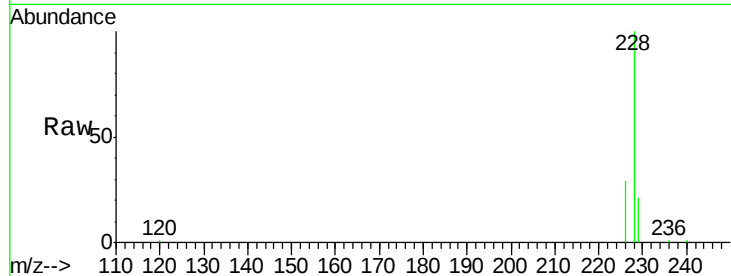
#18
Benzo(a)anthracene
Concen: 3.548 ng/ul
RT: 21.22 min Scan# 5828
Delta R.T. -0.01 min
Lab File: BM021807.D
Acq: 04 Aug 2019 11:44

Instrument :
BNA_M
ClientSampleId :
BENS3

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	17.2	25.8
226	28.8	22.6	34.0

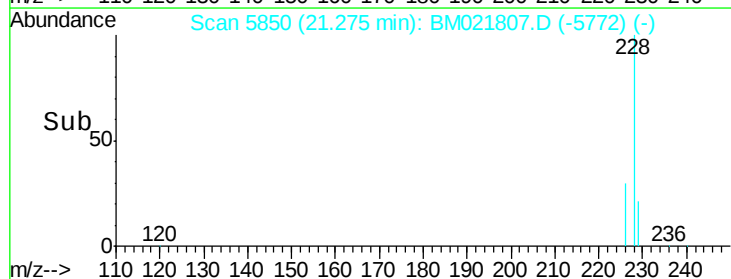
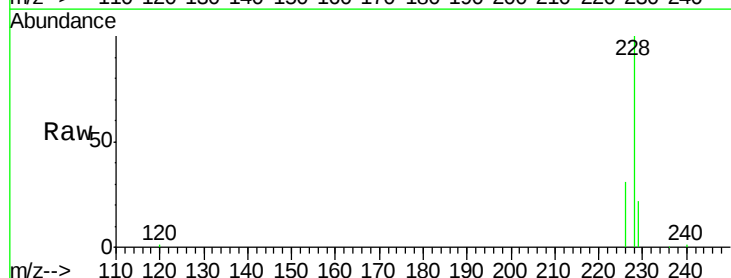
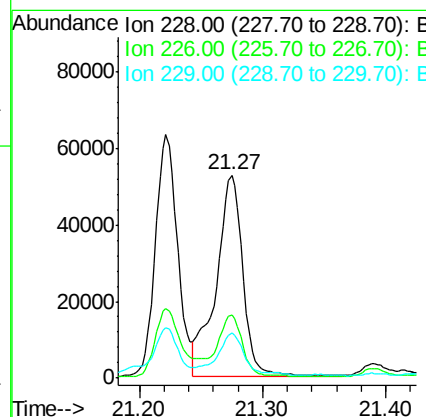
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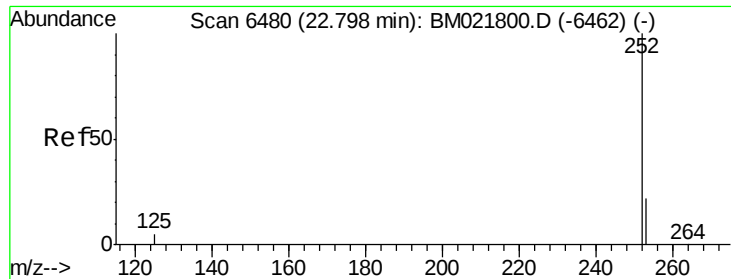
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#19
Chrysene
Concen: 2.766 ng/ul
RT: 21.27 min Scan# 5850
Delta R.T. -0.01 min
Lab File: BM021807.D
Acq: 04 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	22.1	16.6	25.0





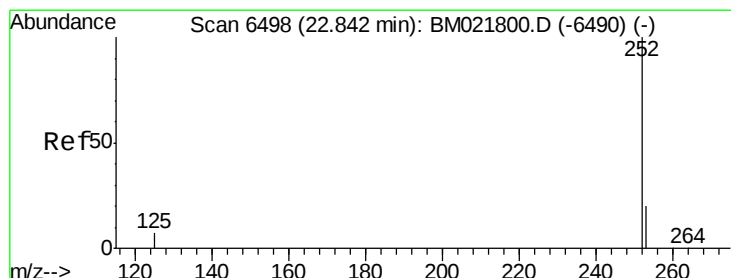
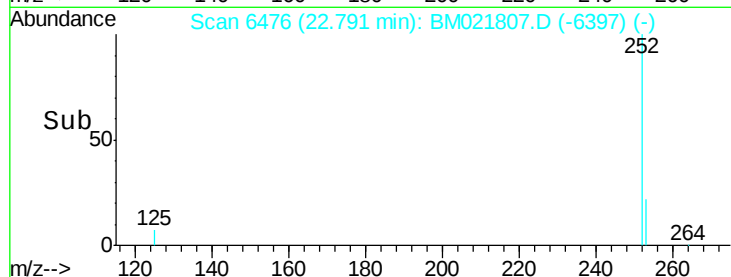
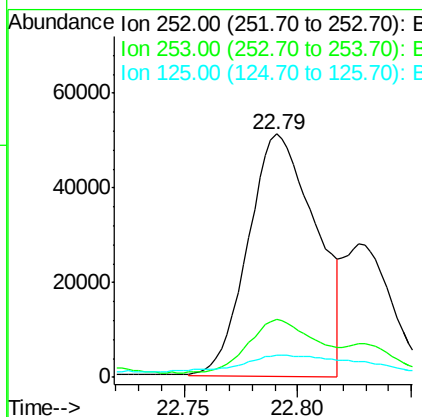
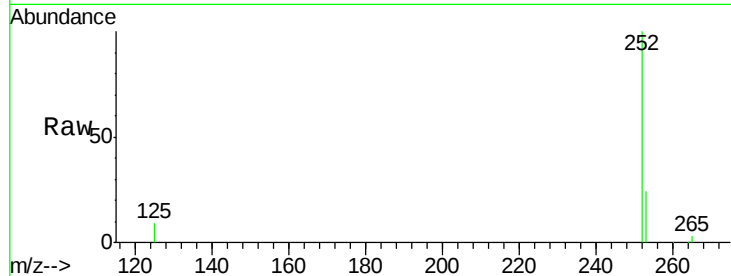
#21
Benzo(b)fluoranthene
Concen: 4.466 ng/ul m
RT: 22.79 min Scan# 6476
Delta R.T. -0.01 min
Lab File: BM021807.D
Acq: 04 Aug 2019 11:44

Instrument :
BNA_M
ClientSampleId :
BENS3

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.6	0.0	67.4
125	9.1	0.0	31.0

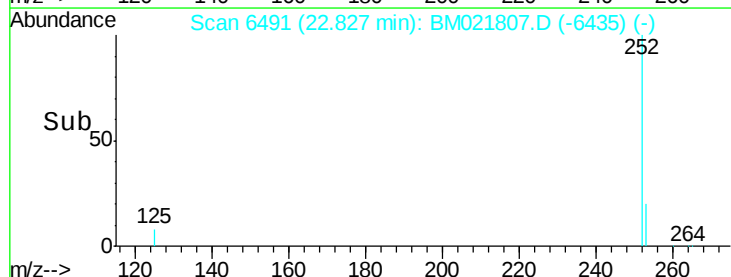
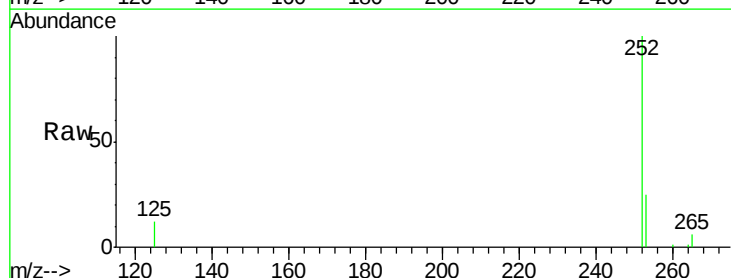
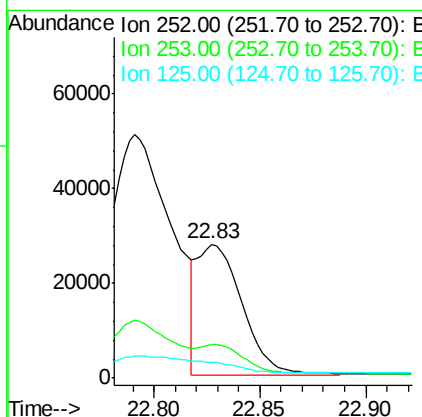
Manual Integrations
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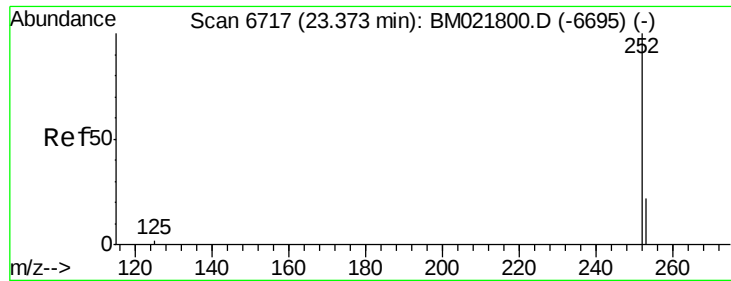
mohammad
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#22
Benzo(k)fluoranthene
Concen: 1.533 ng/ul m
RT: 22.83 min Scan# 6491
Delta R.T. -0.02 min
Lab File: BM021807.D
Acq: 04 Aug 2019 11:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.9	27.0	40.4#
125	11.7	12.2	18.2#





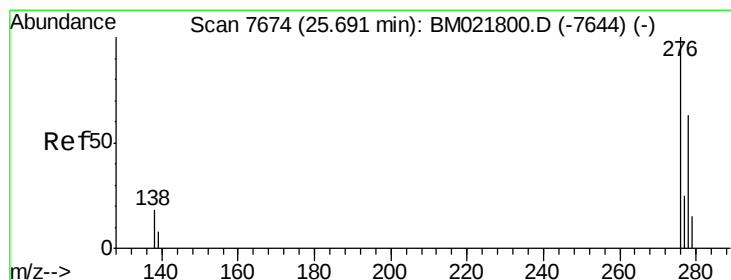
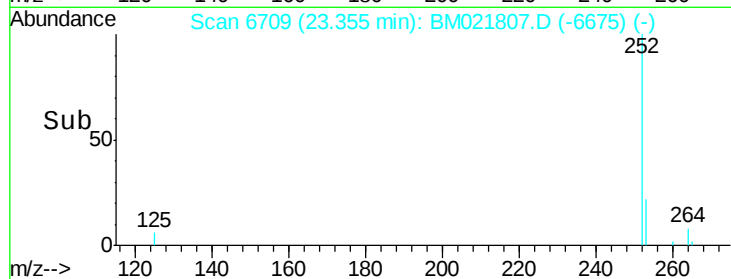
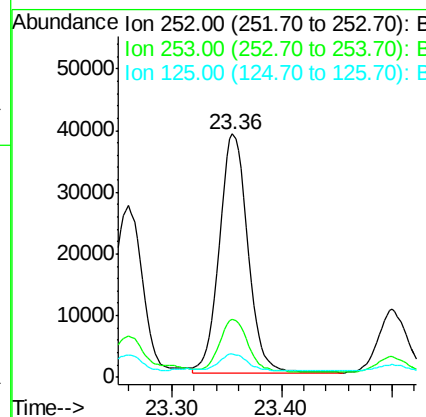
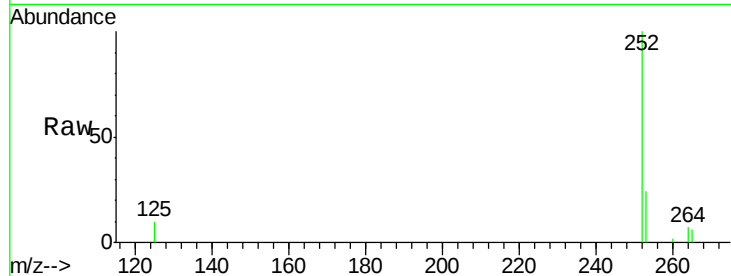
#23
Benzo(a)pyrene
Concen: 2.862 ng/u1
RT: 23.36 min Scan# 6709
Delta R.T. -0.02 min
Lab File: BM021807.D
Acq: 04 Aug 2019 11:44

Instrument :
BNA_M
ClientSampleId :
BENS3

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	31.7	47.5#
125	9.6	14.6	21.8#

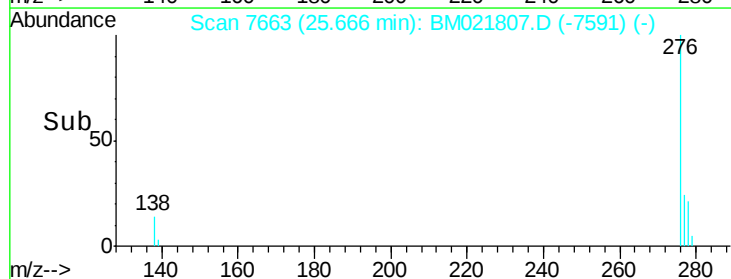
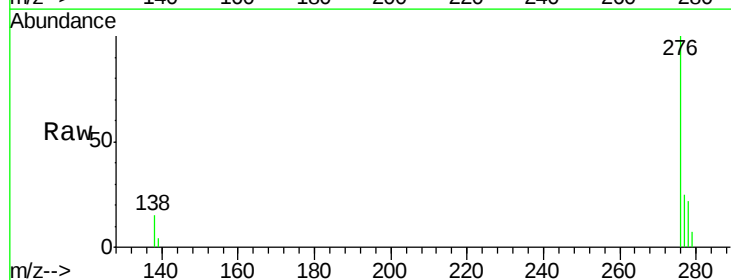
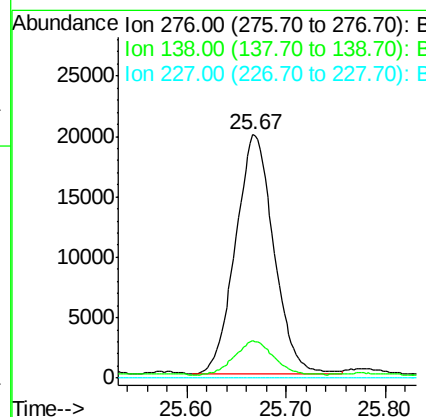
Manual Integrations
APPROVED

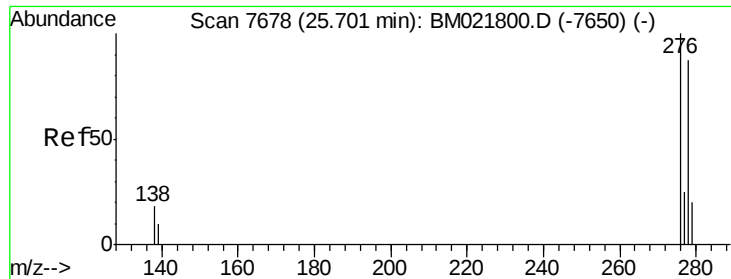
mohammad
8/5/2019 10:15:22 PM



#24
Indeno(1,2,3-cd)pyrene
Concen: 1.841 ng/u1
RT: 25.67 min Scan# 7663
Delta R.T. -0.02 min
Lab File: BM021807.D
Acq: 04 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.3	15.1	22.7#
227	0.0	0.0	0.0





#25

Dibenzo(a,h)anthracene

Concen: 0.614 ng/ul

RT: 25.67 min Scan# 7666

Delta R.T. -0.03 min

Lab File: BM021807.D

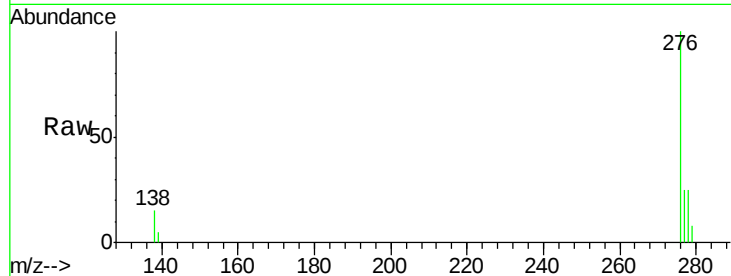
Acq: 04 Aug 2019 11:44

Instrument :

BNA_M

ClientSampleId :

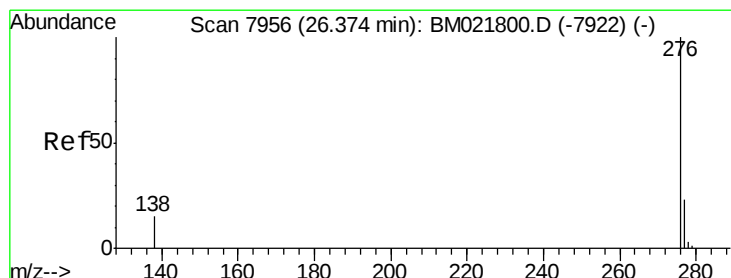
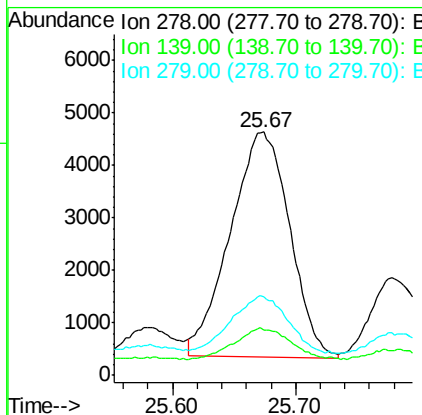
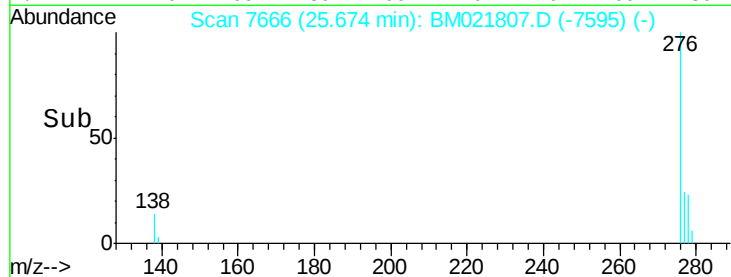
BENS3



Tgt Ion:	278	Resp:	14319
Ion Ratio	Lower	Upper	
278	100		
139	18.7	14.2	21.2
279	32.1	28.3	42.5

Manual Integrations
APPROVED

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#26

Benzo(g,h,i)perylene

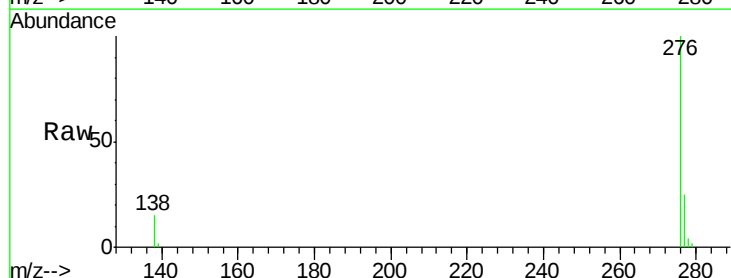
Concen: 1.925 ng/ul

RT: 26.35 min Scan# 7945

Delta R.T. -0.02 min

Lab File: BM021807.D

Acq: 04 Aug 2019 11:44



Tgt Ion:	276	Resp:	49980
Ion Ratio	Lower	Upper	
276	100		
138	15.3	15.5	23.3#
277	24.8	21.4	32.2

