

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021906.D
 Acq On : 07 Aug 2019 21:19
 Operator : HP/JU
 Sample : K3893-11DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP15DL

Manual Integrations
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mohammad
 8/9/2019 6:10:48 AM

Quant Time: Aug 08 05:31:58 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 : Thu Aug 08 04:39:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	698	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	3077	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	1763	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	4040	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	4138	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	4571m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	318	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	871	0.06	ng/ul	-0.01
Target Compounds					Ovalue	
3) Naphthalene	10.46	128	724	0.083	ng/ul#	82
5) 2-Methylnaphthalene	12.10	142	461	0.080	ng/ul	99
7) Acenaphthylene	14.00	152	2586	0.315	ng/ul#	84
8) Acenaphthene	14.34	153	448	0.067	ng/ul	95
9) Fluorene	15.34	166	708	0.095	ng/ul#	97
12) Phenanthrene	17.07	178	13732	1.168	ng/ul	97
13) Anthracene	17.17	178	3344	0.333	ng/ul	98
15) Fluoranthene	19.10	202	41729	2.650	ng/ul	98
17) Pyrene	19.46	202	36003	2.117	ng/ul	99
18) Benzo(a)anthracene	21.22	228	20478	1.384	ng/ul	99
19) Chrysene	21.27	228	24520	1.288	ng/ul	98
21) Benzo(b)fluoranthene	22.78	252	36822m	2.389	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	13744m	0.788	ng/ul	
23) Benzo(a)pyrene	23.35	252	23477	1.498	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.66	276	20030	1.070	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.67	278	4661	0.308	ng/ul#	90
26) Benzo(a,h,i)perylene	26.34	276	17341	1.029	ng/ul	98

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

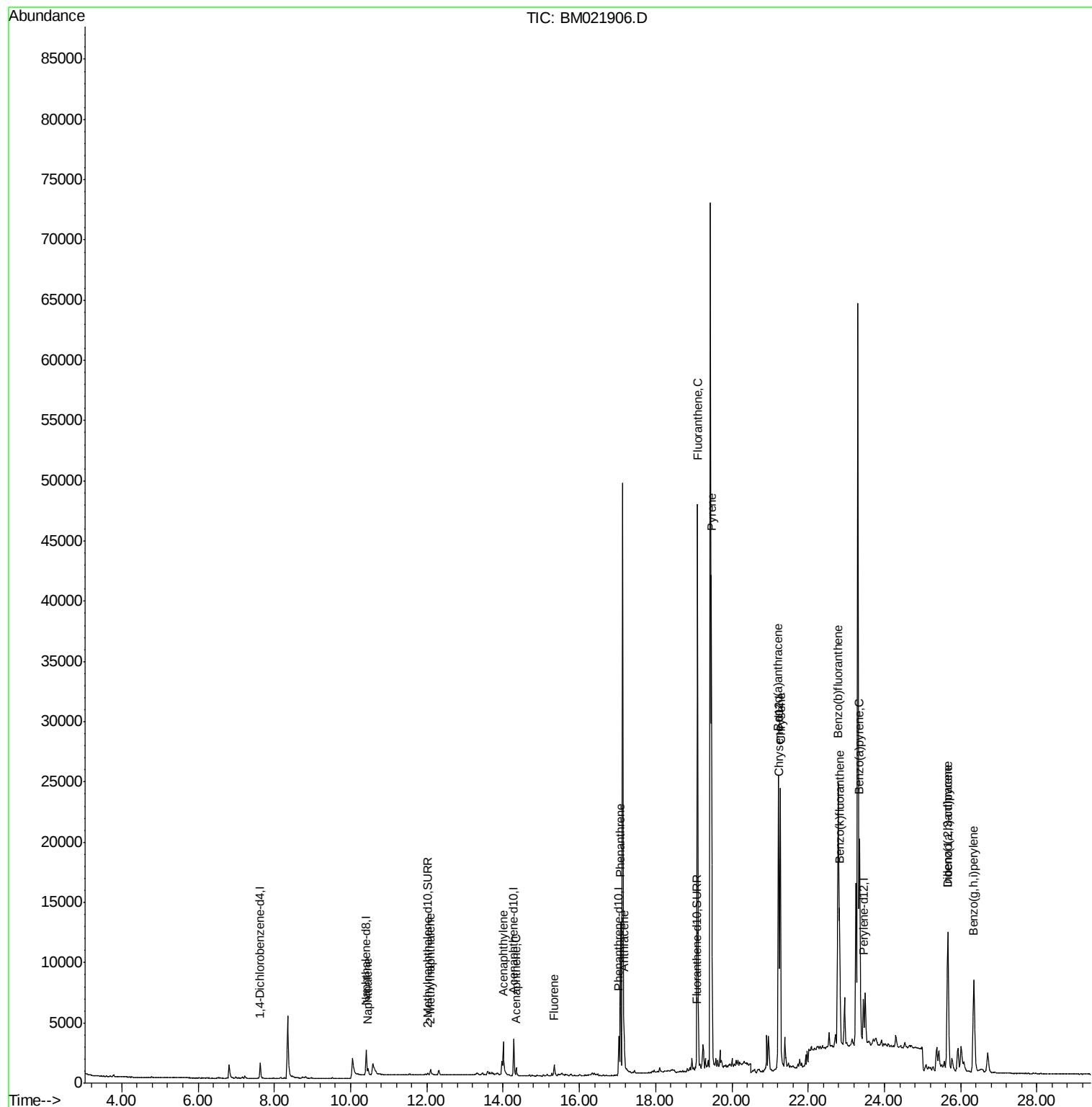
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
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ALS Vial : 16 Sample Multiplier: 1

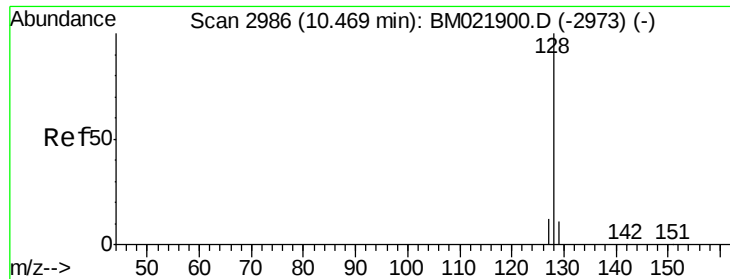
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 04:39:13 2019
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#3

Naphthalene

Concen: 0.083 ng/ul

RT: 10.46 min Scan# 2983

Delta R.T. -0.01 min

Lab File: BM021906.D

Acq: 07 Aug 2019 21:19

Instrument :

BNA_M

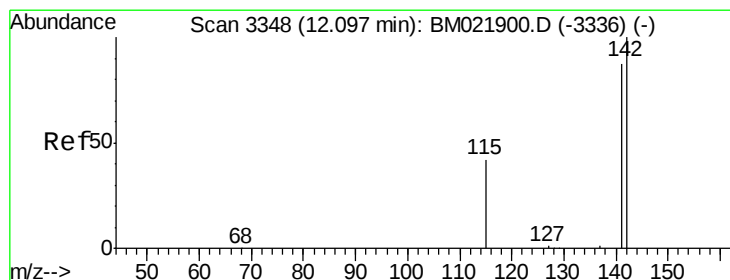
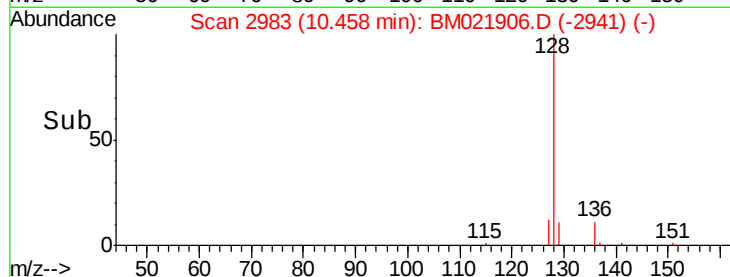
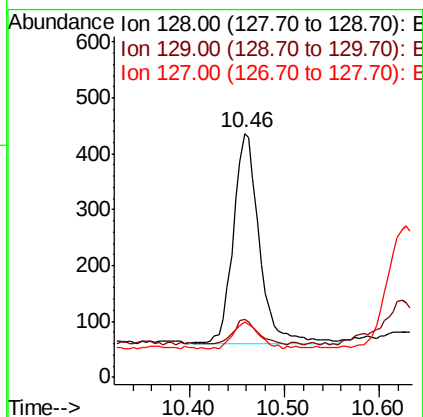
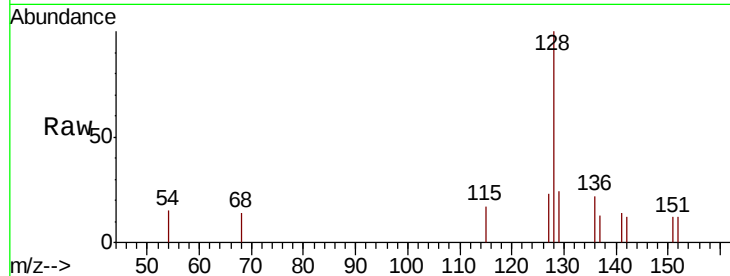
ClientSampleId :

BEP15DL

Tot Ion:128	Resp:	724
Ion Ratio	Lower	Upper
128	100	
129	23.6	12.3 18.5#
127	22.9	13.0 19.6#

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#5

2-Methylnaphthalene

Concen: 0.080 ng/ul

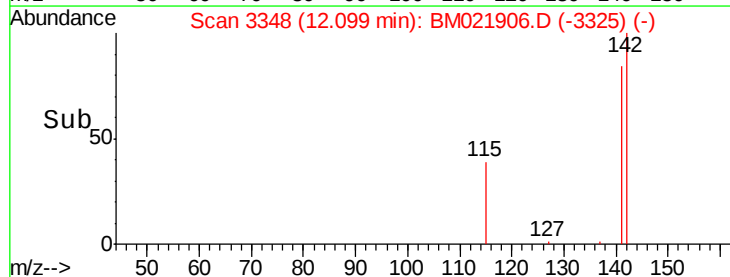
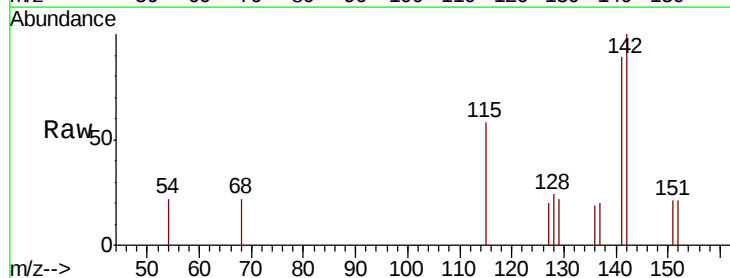
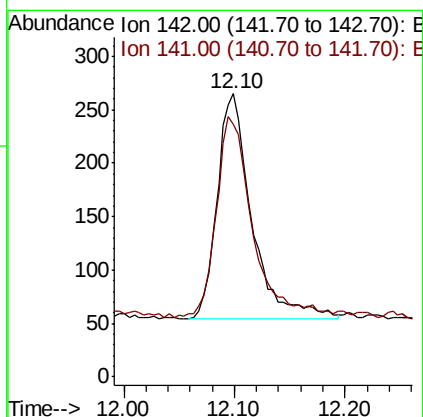
RT: 12.10 min Scan# 3348

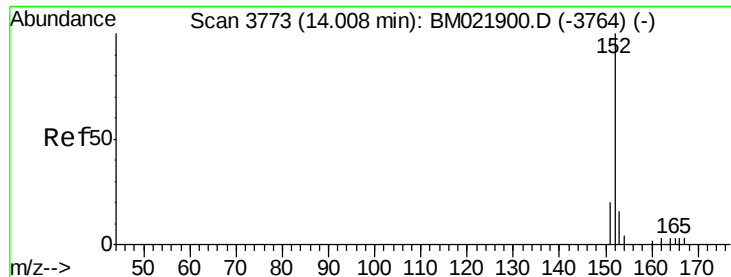
Delta R.T. 0.00 min

Lab File: BM021906.D

Acq: 07 Aug 2019 21:19

Tgt Ion:142	Resp:	461
Ion Ratio	Lower	Upper
142	100	
141	91.8	74.3 111.5





#7

Acenaphthylene

Concen: 0.315 ng/ul

RT: 14.00 min Scan# 3771

Delta R.T. -0.01 min

Lab File: BM021906.D

Acq: 07 Aug 2019 21:19

Instrument :

BNA_M

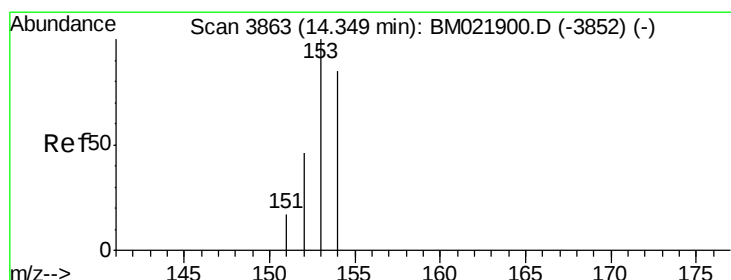
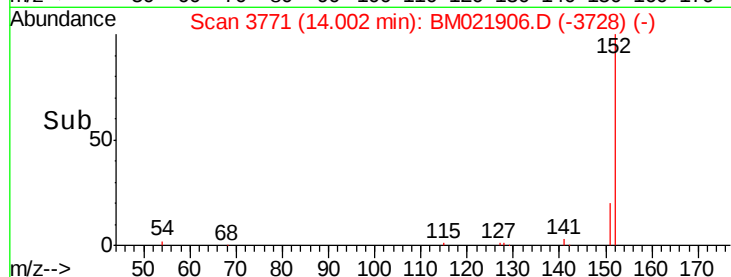
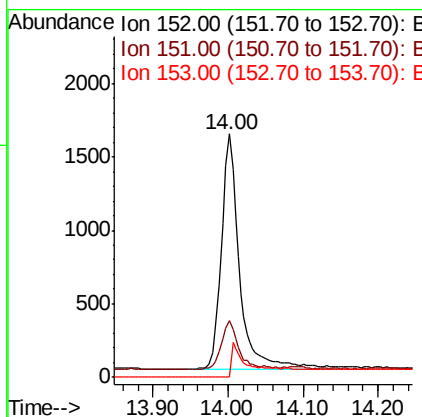
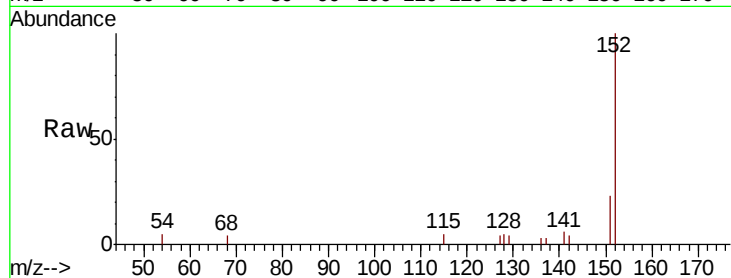
ClientSampleId :

BEP15DL

Tot Ion:	152	Resp:	2586
Ion Ratio	Lower	Upper	
152	100		
151	23.2	18.3	27.5
153	0.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.067 ng/ul

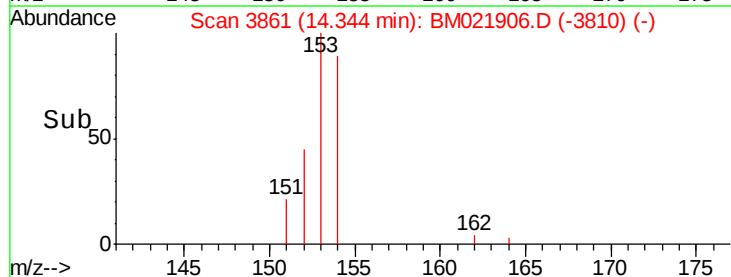
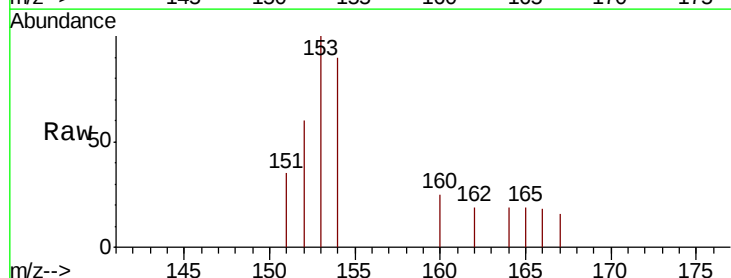
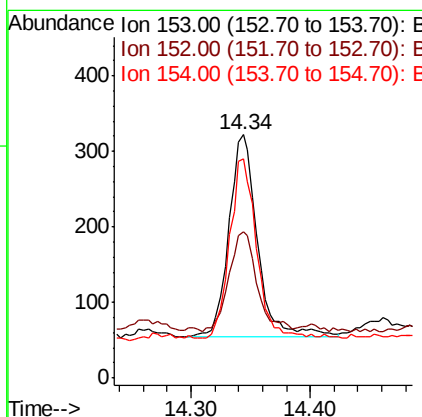
RT: 14.34 min Scan# 3861

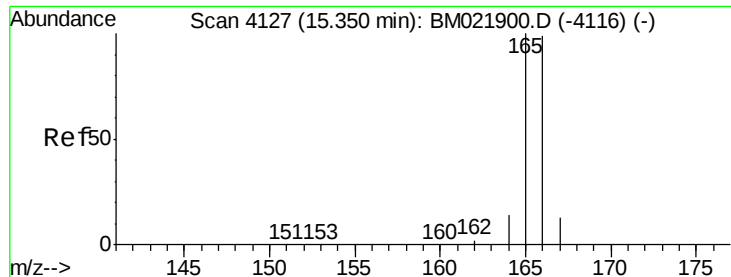
Delta R.T. -0.01 min

Lab File: BM021906.D

Acq: 07 Aug 2019 21:19

Tgt Ion:	153	Resp:	448
Ion Ratio	Lower	Upper	
153	100		
152	59.9	41.3	61.9
154	90.1	72.3	108.5





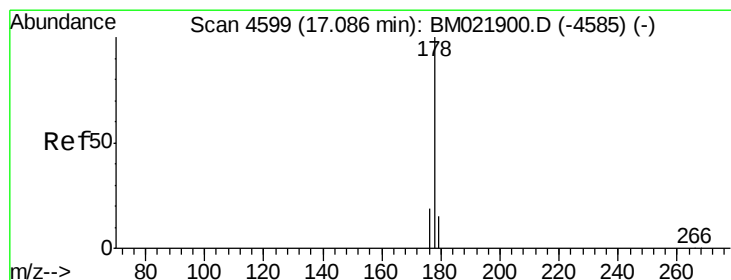
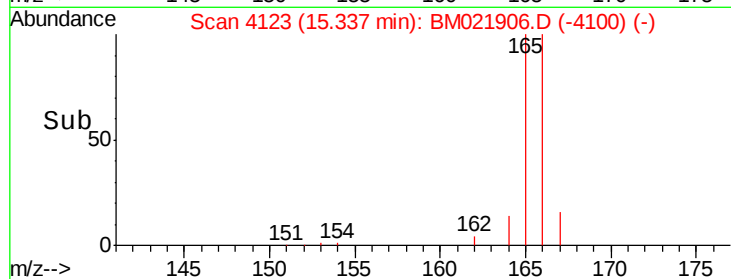
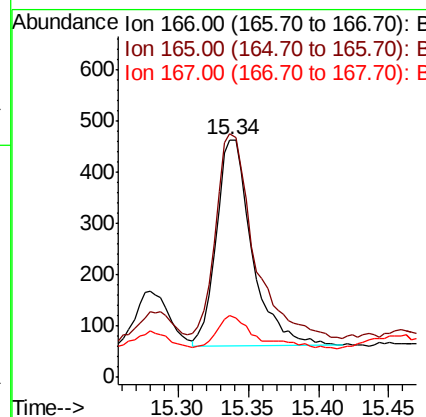
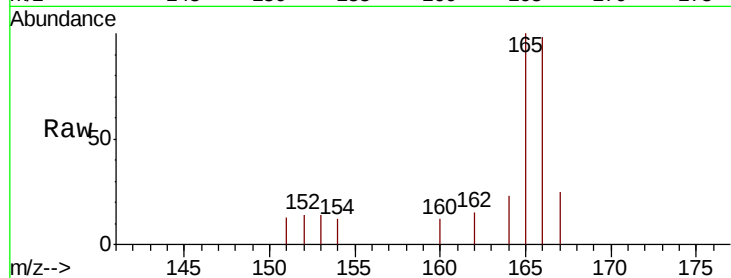
#9
Fluorene
 Concen: 0.095 ng/ul
 RT: 15.34 min Scan# 4123
 Delta R.T. -0.01 min
 Lab File: BM021906.D
 Acq: 07 Aug 2019 21:19

Instrument :
 BNA_M
 ClientSampleId :
 BEP15DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	102.4	81.4	122.0
167	25.9	13.7	20.5

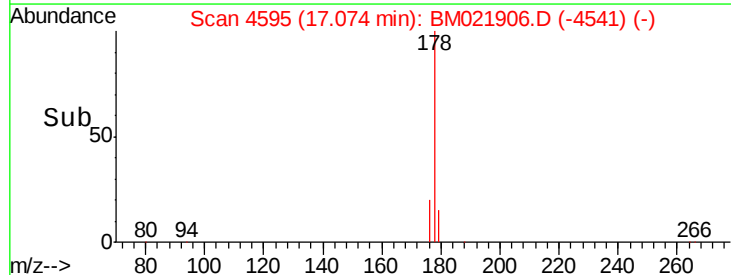
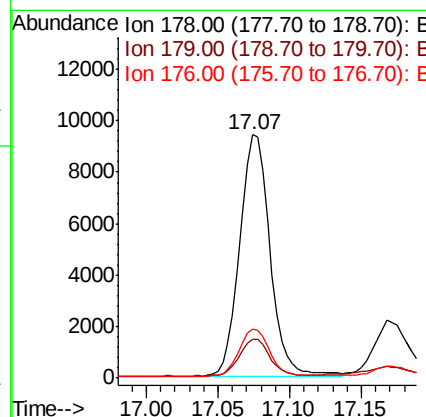
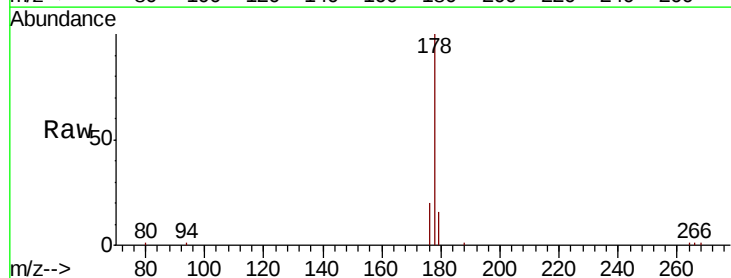
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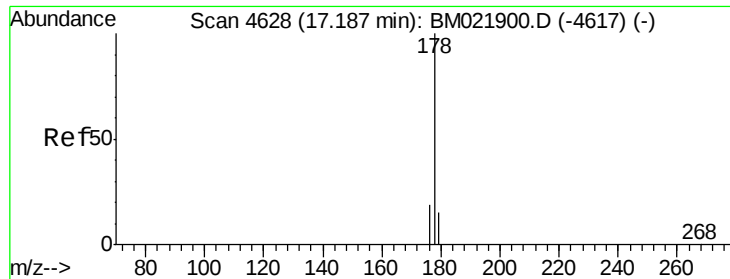
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#12
Phenanthrene
 Concen: 1.168 ng/ul
 RT: 17.07 min Scan# 4595
 Delta R.T. -0.01 min
 Lab File: BM021906.D
 Acq: 07 Aug 2019 21:19

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	14.2	21.2
176	20.2	16.8	25.2





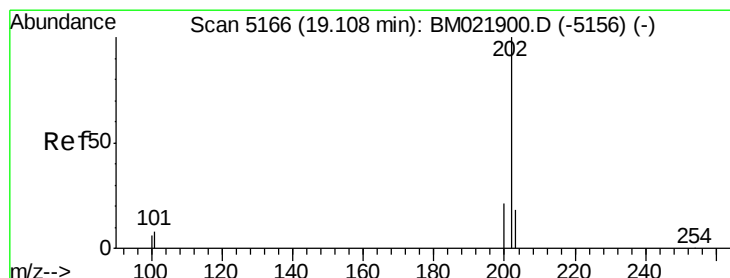
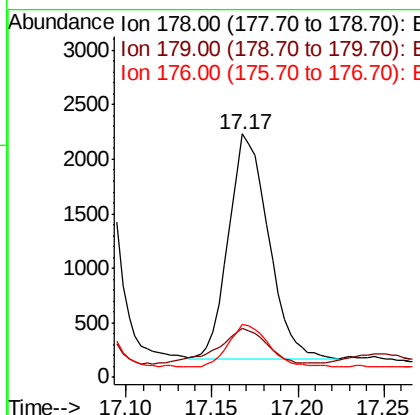
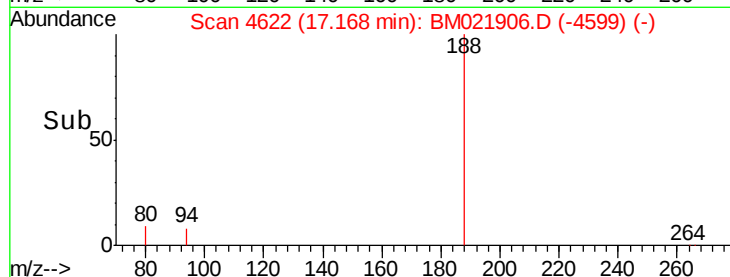
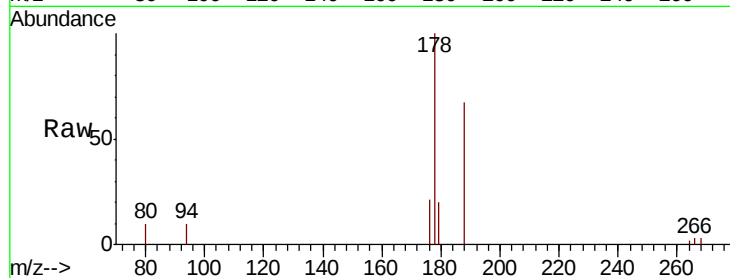
#13
 Anthracene
 Concen: 0.333 ng/ul
 RT: 17.17 min Scan# 4622
 Delta R.T. -0.02 min
 Lab File: BM021906.D
 Acq: 07 Aug 2019 21:19

Instrument :
 BNA_M
 ClientSampleId :
 BEP15DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	20.2	15.5	23.3
176	21.5	16.6	25.0

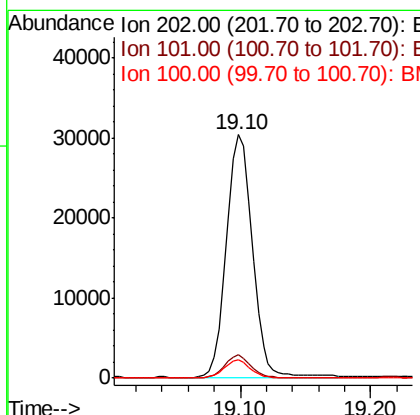
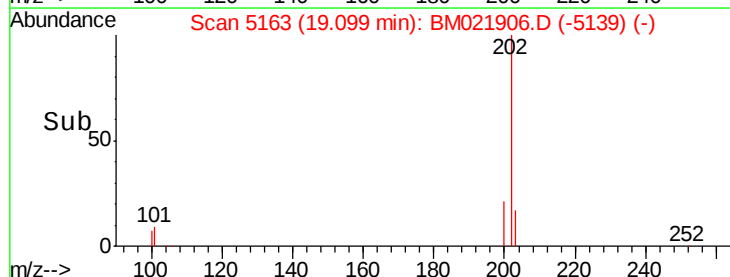
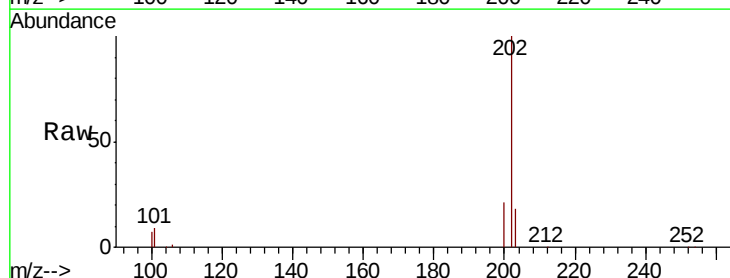
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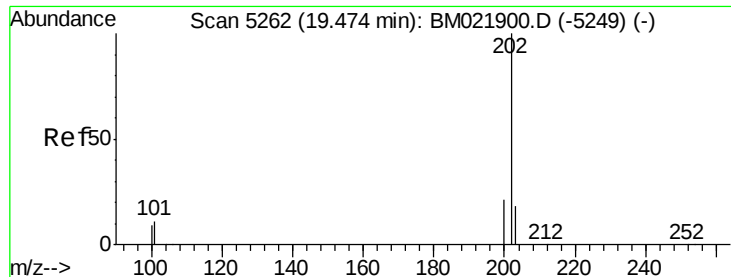
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#15
 Fluoranthene
 Concen: 2.650 ng/ul
 RT: 19.10 min Scan# 5163
 Delta R.T. -0.01 min
 Lab File: BM021906.D
 Acq: 07 Aug 2019 21:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.2
100	7.4	0.0	28.1





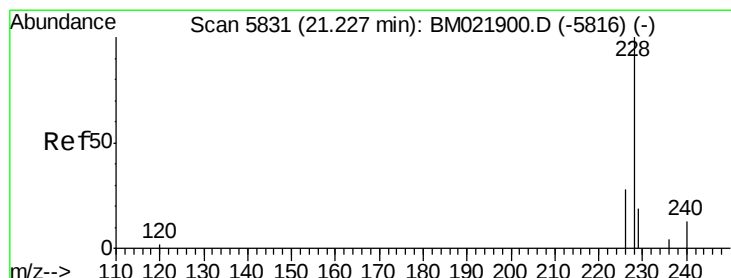
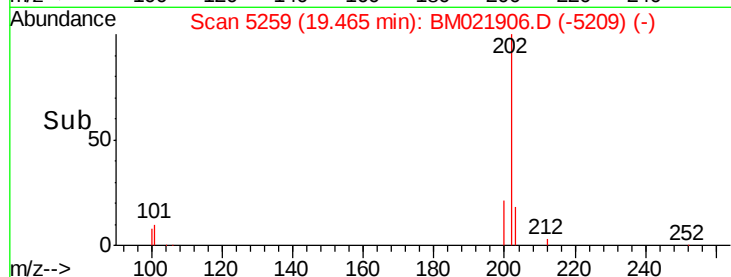
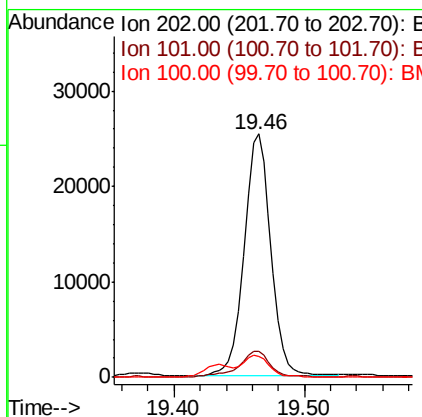
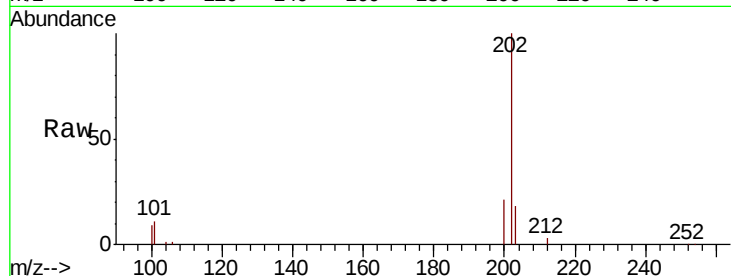
#17
Pvrene
Concen: 2.117 ng/ul
RT: 19.46 min Scan# 5259
Delta R.T. -0.01 min
Lab File: BM021906.D
Acq: 07 Aug 2019 21:19

Instrument :
BNA_M
ClientSampleId :
BEP15DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.7	8.3	12.5
100	8.7	7.2	10.8

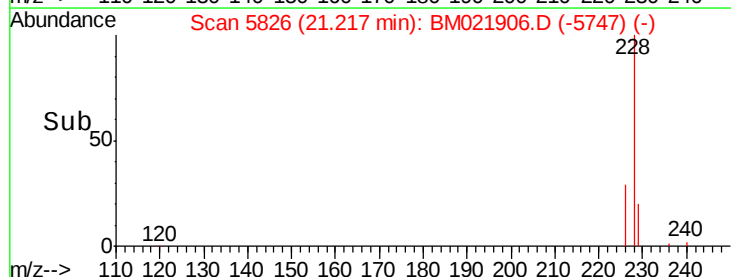
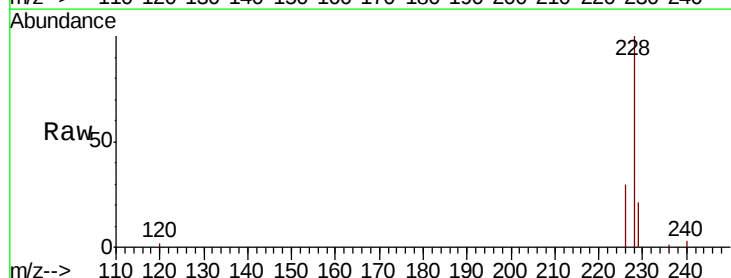
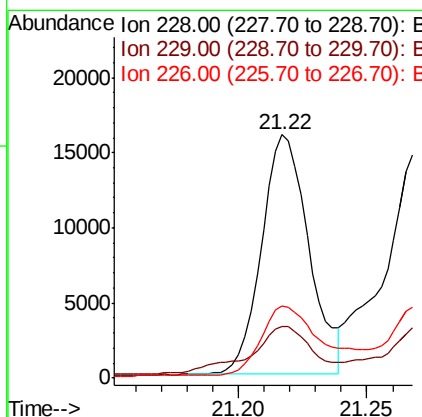
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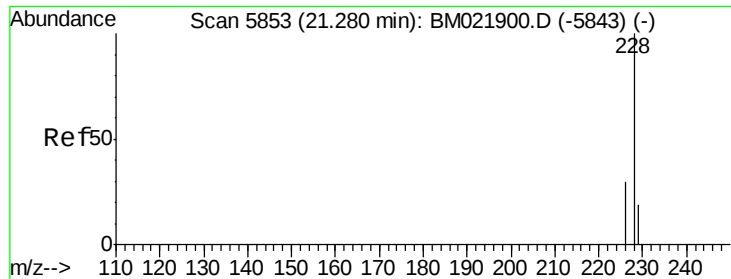
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#18
Benzo(a)anthracene
Concen: 1.384 ng/ul
RT: 21.22 min Scan# 5826
Delta R.T. -0.01 min
Lab File: BM021906.D
Acq: 07 Aug 2019 21:19

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.4	17.2	25.8
226	29.5	22.6	34.0





#19

Chrysene

Concen: 1.288 ng/ul

RT: 21.27 min Scan# 5848

Delta R.T. -0.01 min

Lab File: BM021906.D

Acq: 07 Aug 2019 21:19

Instrument :

BNA_M

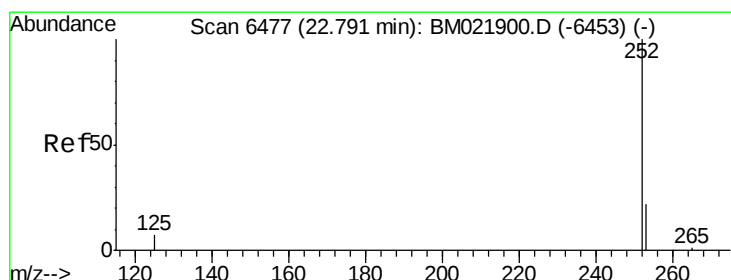
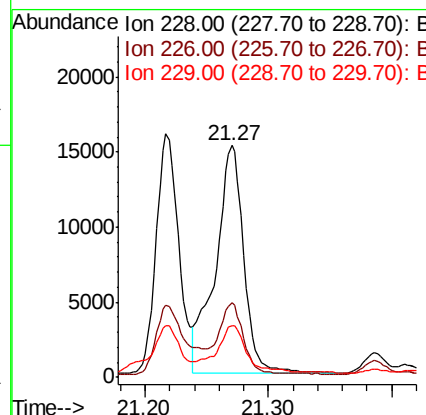
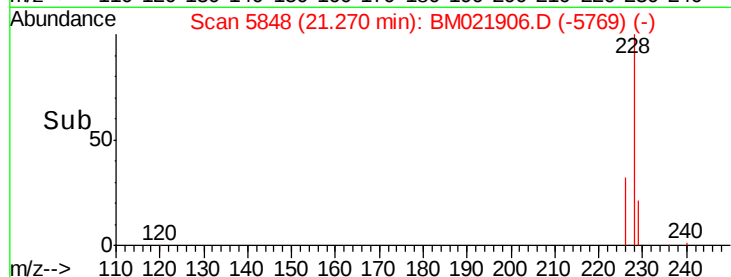
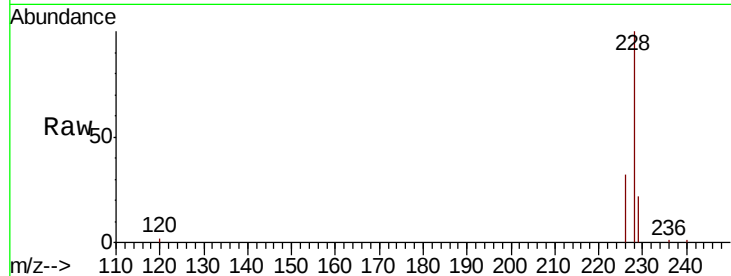
ClientSampleId :

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Tot Ion:	228	Resp:	24520
Ion Ratio	Lower	Upper	
228	100		
226	32.1	24.9	37.3
229	22.4	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 2.389 ng/ul m

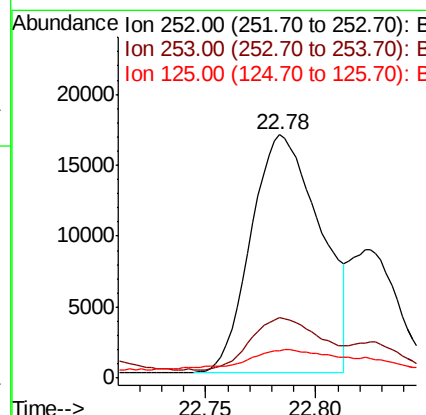
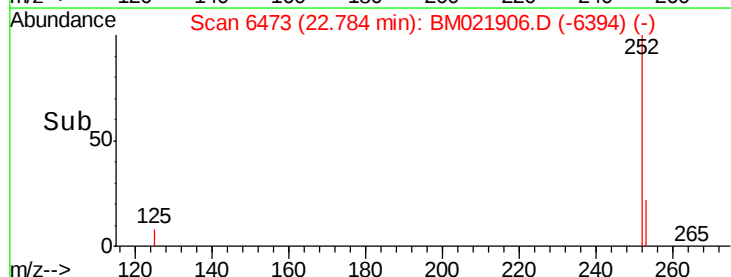
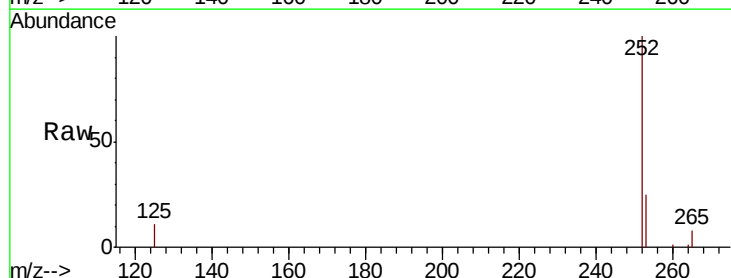
RT: 22.78 min Scan# 6473

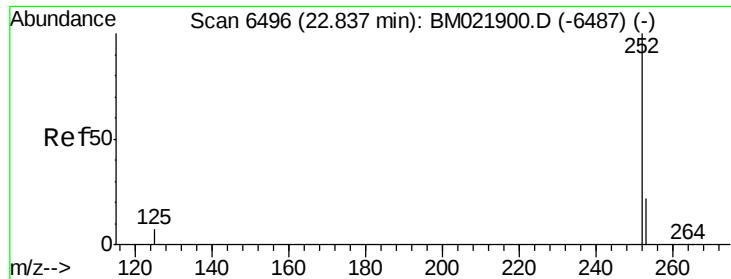
Delta R.T. -0.01 min

Lab File: BM021906.D

Acq: 07 Aug 2019 21:19

Tgt Ion:	252	Resp:	36822
Ion Ratio	Lower	Upper	
252	100		
253	24.8	0.0	67.4
125	11.3	0.0	31.0





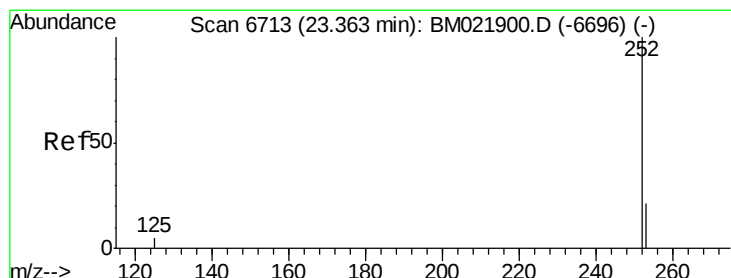
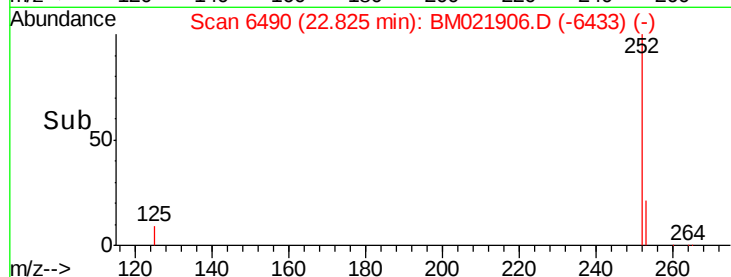
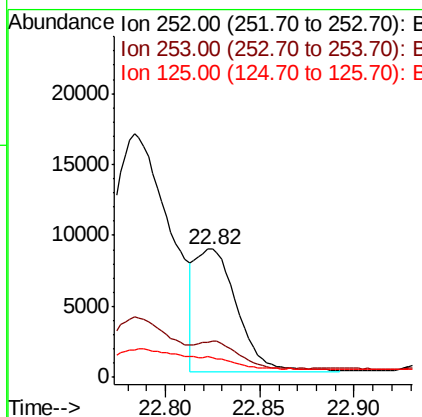
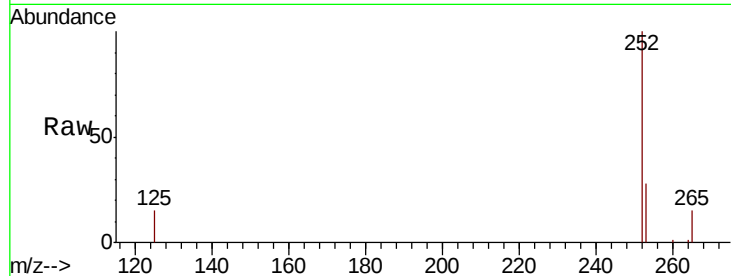
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Benzo(k)fluoranthene
Concen: 0.788 ng/ul m
RT: 22.82 min Scan# 6490
Delta R.T. -0.01 min
Lab File: BM021906.D
Acq: 07 Aug 2019 21:19

Instrument :
BNA_M
ClientSampleId :
BEP15DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.1	27.0	40.4
125	15.1	12.2	18.2

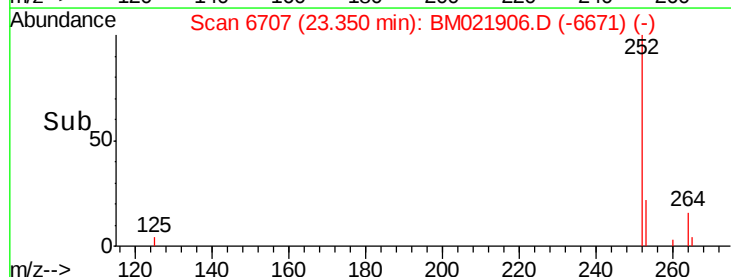
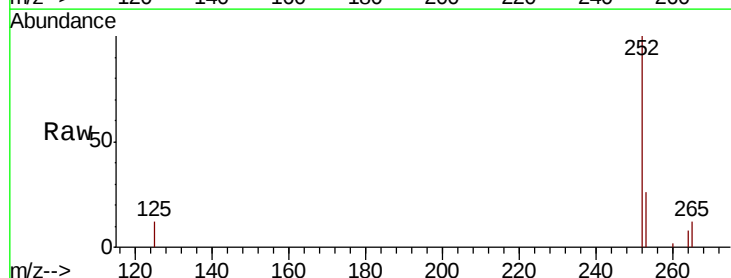
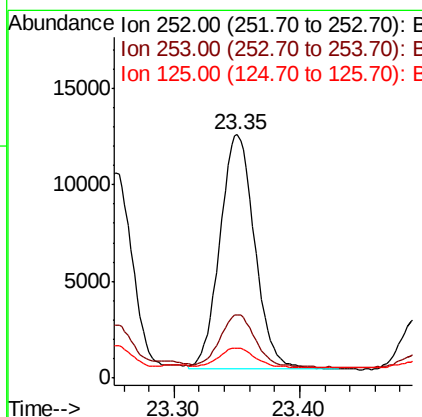
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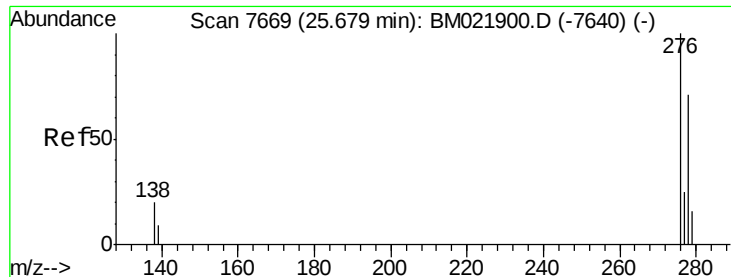
mohammad
8/9/2019 6:10:48 AM



#23
Benzo(a)pyrene
Concen: 1.498 ng/ul
RT: 23.35 min Scan# 6707
Delta R.T. -0.01 min
Lab File: BM021906.D
Acq: 07 Aug 2019 21:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	31.7	47.5#
125	12.3	14.6	21.8#





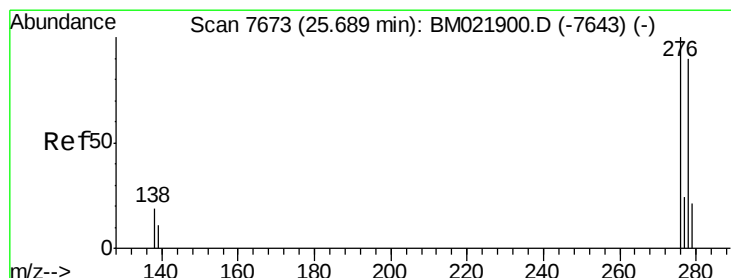
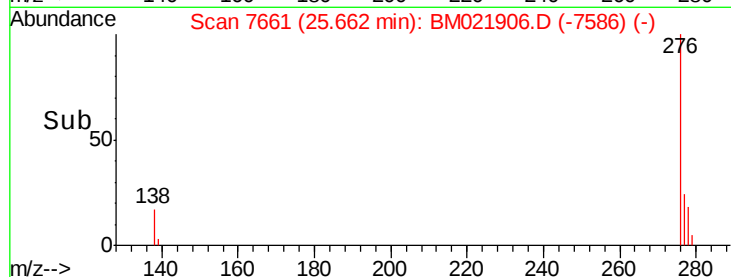
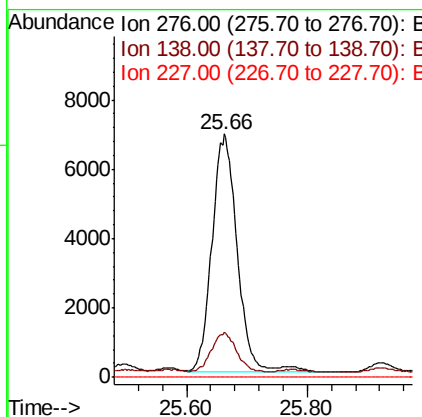
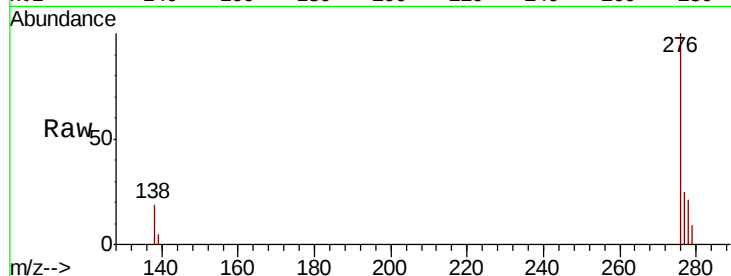
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.070 ng/uL
 RT: 25.66 min Scan# 7661
 Delta R.T. -0.02 min
 Lab File: BM021906.D
 Acq: 07 Aug 2019 21:19

Instrument :
 BNA_M
 ClientSampleId :
 BEP15DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.9	15.1	22.7
227	0.0	0.0	0.0

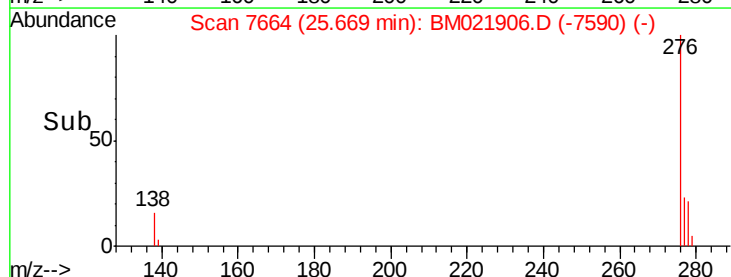
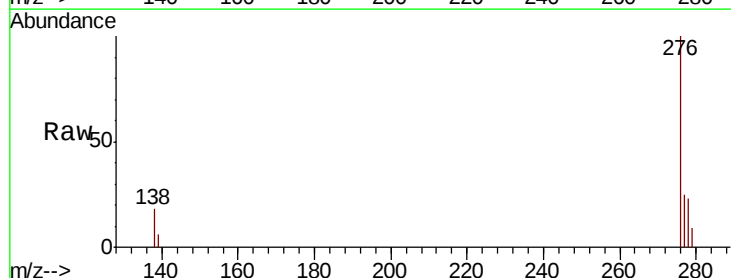
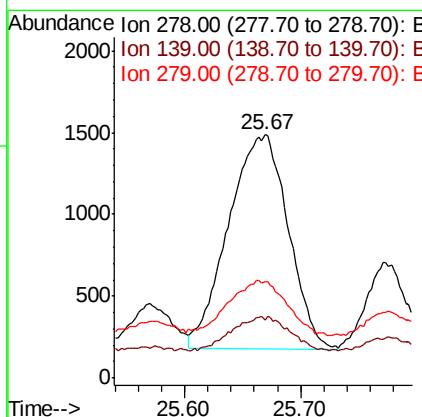
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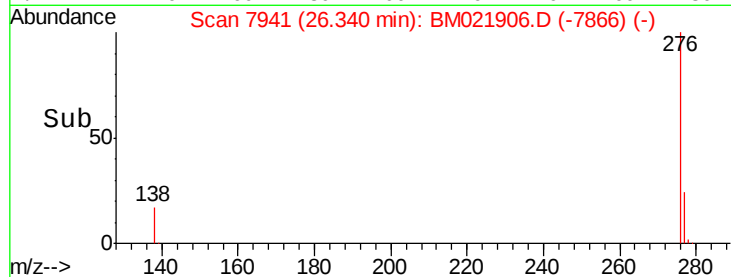
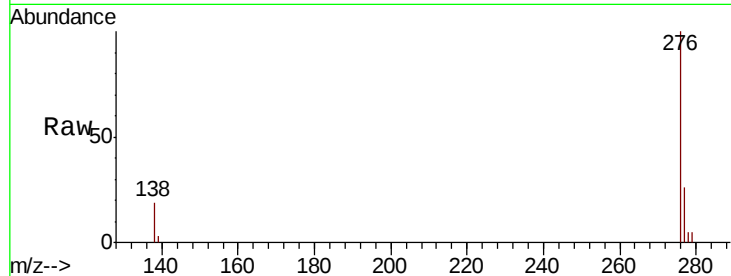
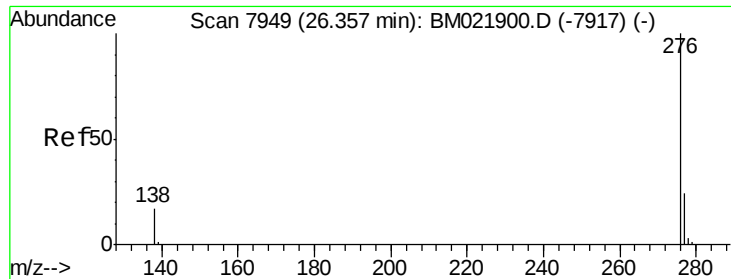
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.308 ng/uL
 RT: 25.67 min Scan# 7664
 Delta R.T. -0.02 min
 Lab File: BM021906.D
 Acq: 07 Aug 2019 21:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.0	14.2	21.2#
279	39.6	28.3	42.5





#26
Benzo(a,h,i)perylene
Concen: 1.029 ng/ul
RT: 26.34 min Scan# 7941
Delta R.T. -0.02 min
Lab File: BM021906.D
Acq: 07 Aug 2019 21:19

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.9	15.5	23.3
277	25.8	21.4	32.2

Instrument :
BNA_M
ClientSampleId :
BEP15DL

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