

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021901.D
 Acq On : 07 Aug 2019 18:16
 Operator : HP/JU
 Sample : K3893-08DL 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP12DL

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:10:26 AM

Quant Time: Aug 08 04:49:19 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	891	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	3819	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	2169	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	4916	0.40	ng/ul	-0.01
16) Chrysene-d12	21.24	240	4867	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	6373	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	148	0.02	ng/ul	0.02
14) Fluoranthene-d10	19.07	212	434	0.03	ng/ul	-0.01
Target Compounds				Ovalue		
7) Acenaphthylene	14.00	152	566	0.056	ng/ul#	81
8) Acenaphthene	14.35	153	211	0.025	ng/ul	91
9) Fluorene	15.34	166	263	0.029	ng/ul#	93
12) Phenanthrene	17.08	178	5224	0.365	ng/ul	100
13) Anthracene	17.18	178	1101	0.090	ng/ul#	86
15) Fluoranthene	19.10	202	15606	0.814	ng/ul	96
17) Pyrene	19.47	202	15457	0.773	ng/ul	98
18) Benzo(a)anthracene	21.22	228	7574	0.435	ng/ul	98
19) Chrysene	21.28	228	8072	0.361	ng/ul	97
21) Benzo(b)fluoranthene	22.79	252	11177m	0.520	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	4513m	0.186	ng/ul	
23) Benzo(a)pyrene	23.36	252	7293	0.334	ng/ul	90
24) Indeno(1,2,3-cd)pyrene	25.67	276	5285	0.203	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.67	278	1293	0.061	ng/ul#	54
26) Benzo(g,h,i)perylene	26.36	276	4550	0.194	ng/ul	93

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

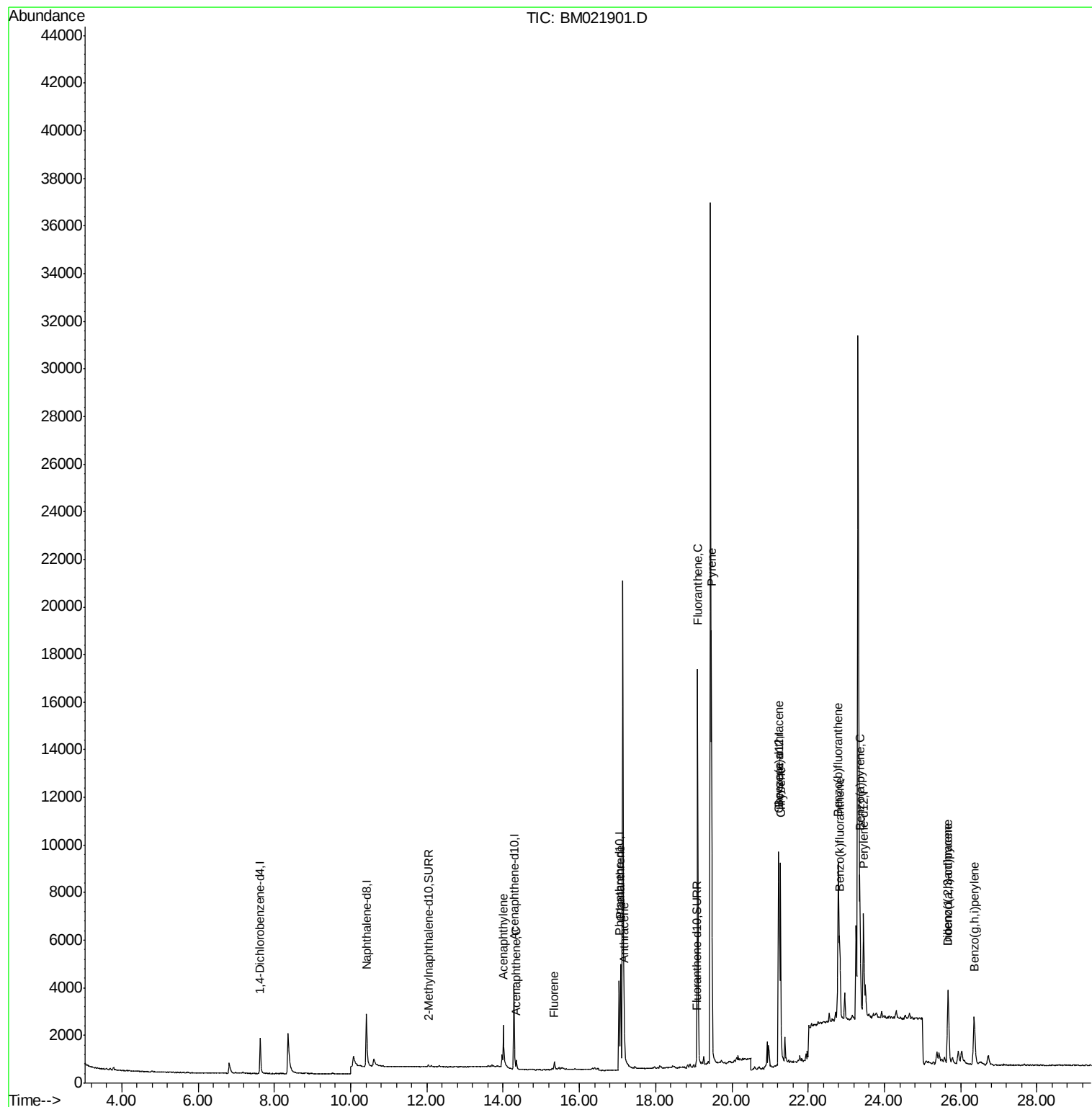
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
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ALS Vial : 11 Sample Multiplier: 1

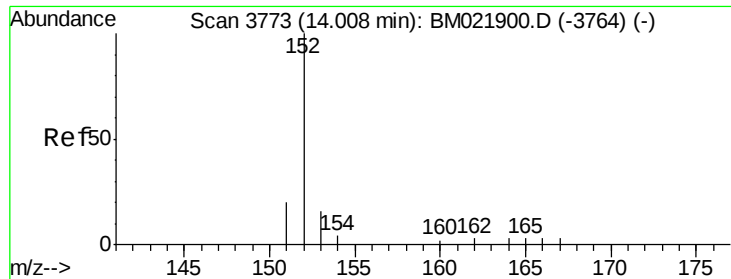
Instrument :
BNA_M
ClientSampleId :
BEP12DL

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Quant Time: Aug 08 04:49:19 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





#7

Acenaphthylene

Concen: 0.056 ng/ul

RT: 14.00 min Scan# 3772

Delta R.T. -0.00 min

Lab File: BM021901.D

Acq: 07 Aug 2019 18:16

Instrument :

BNA_M

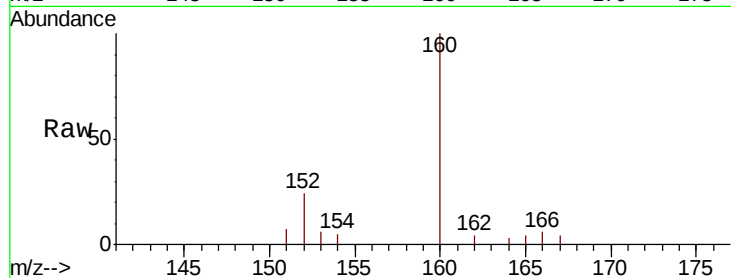
ClientSampleId :

BEP12DL

Tot Ion:	152	Resp:	566
Ion Ratio	Lower	Upper	
152	100		
151	30.7	18.3	27.5#
153	26.0	12.8	19.2#

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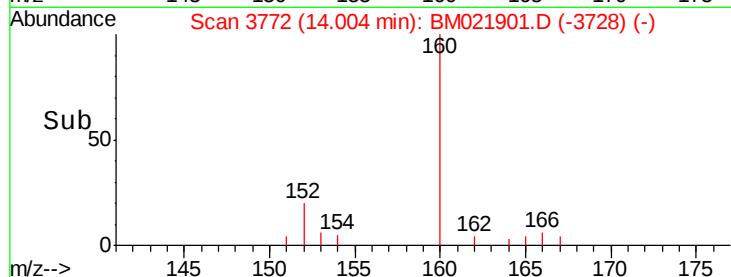
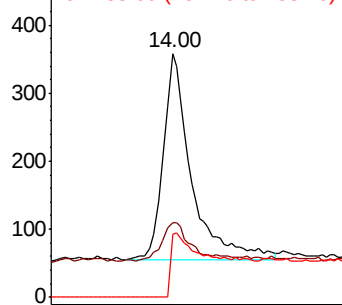


Abundance

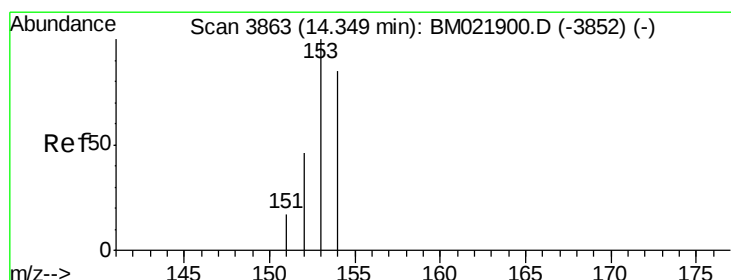
Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#8

Acenaphthene

Concen: 0.025 ng/ul

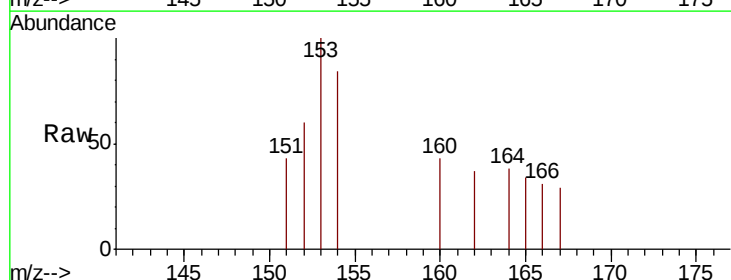
RT: 14.35 min Scan# 3862

Delta R.T. -0.00 min

Lab File: BM021901.D

Acq: 07 Aug 2019 18:16

Tgt Ion:	153	Resp:	211
Ion Ratio	Lower	Upper	
153	100		
152	60.2	41.3	61.9
154	84.3	72.3	108.5

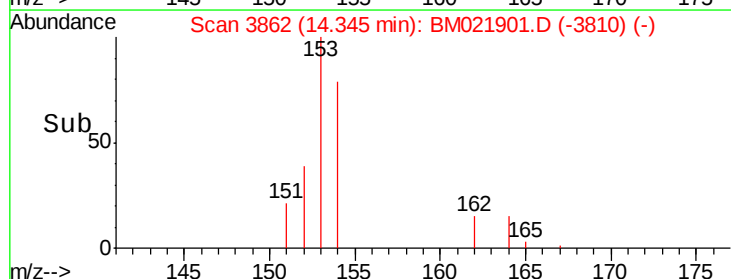
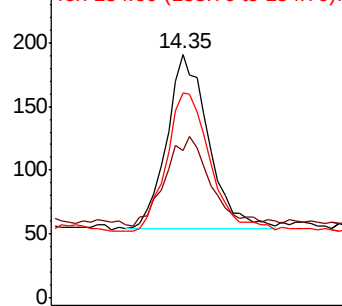


Abundance

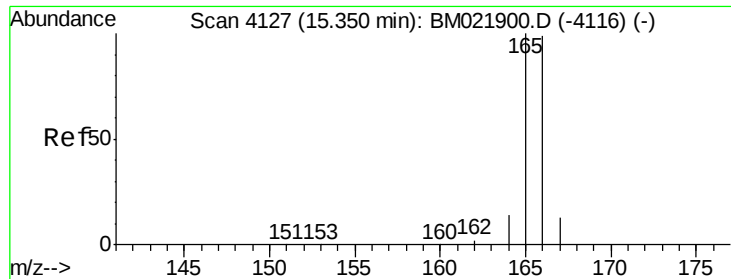
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->



#9

Fluorene

Concen: 0.029 ng/ul

RT: 15.34 min Scan# 4125

Delta R.T. -0.01 min

Lab File: BM021901.D

Acq: 07 Aug 2019 18:16

Instrument :

BNA_M

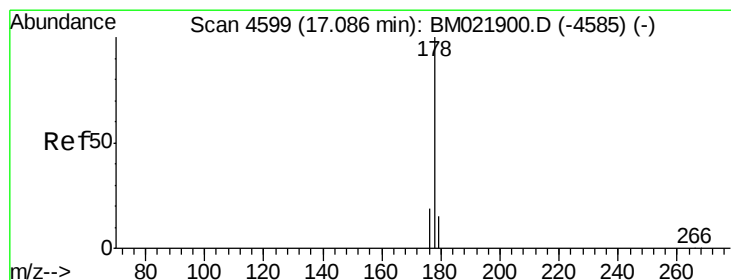
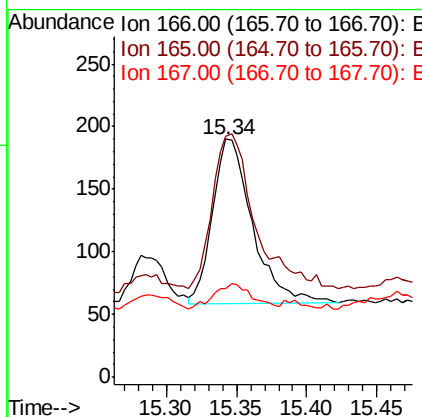
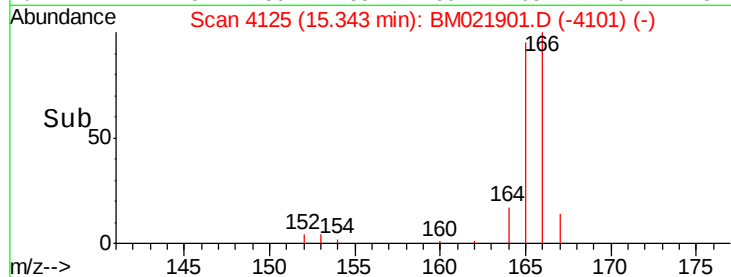
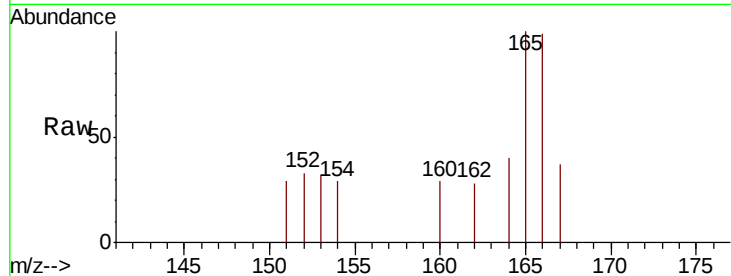
ClientSampled :

BEP12DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.1	81.4	122.0
167	37.4	13.7	20.5

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#12

Phenanthrene

Concen: 0.365 ng/ul

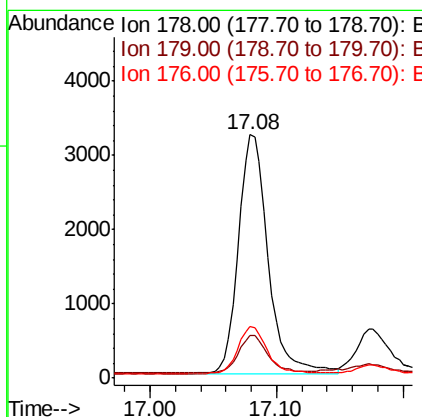
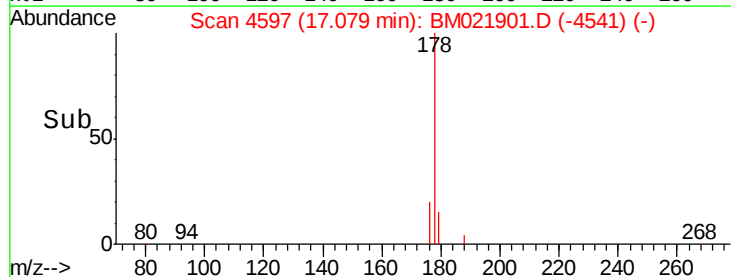
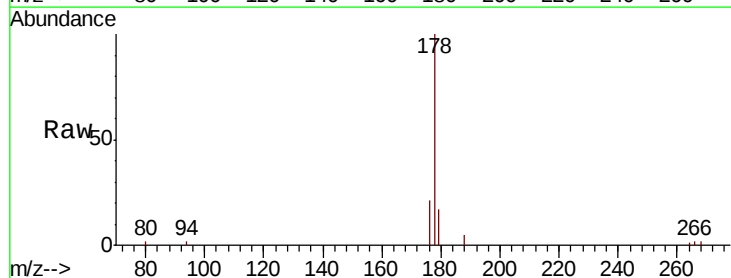
RT: 17.08 min Scan# 4597

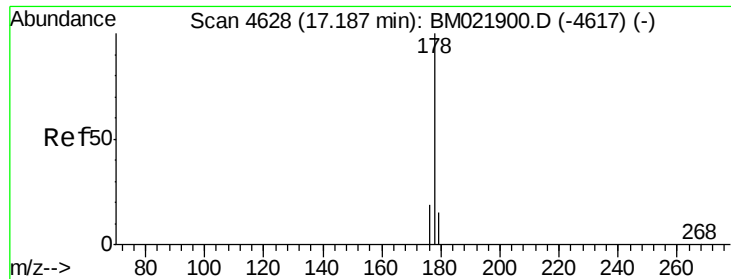
Delta R.T. -0.01 min

Lab File: BM021901.D

Acq: 07 Aug 2019 18:16

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.4	14.2	21.2
176	21.1	16.8	25.2





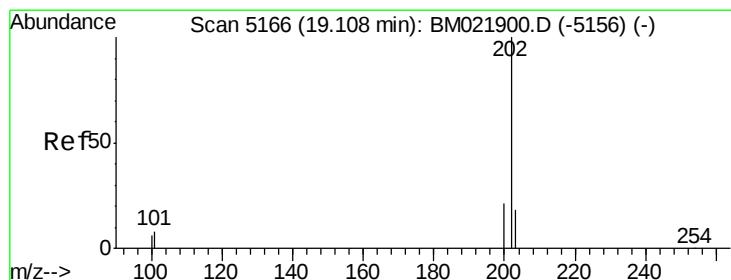
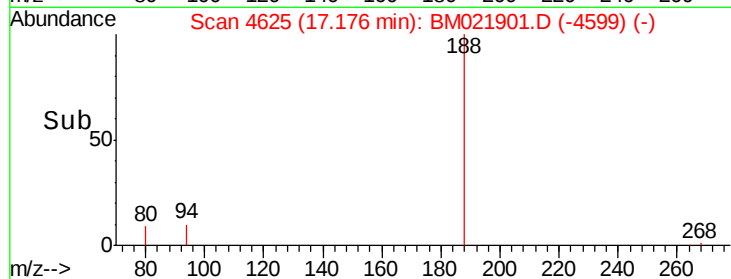
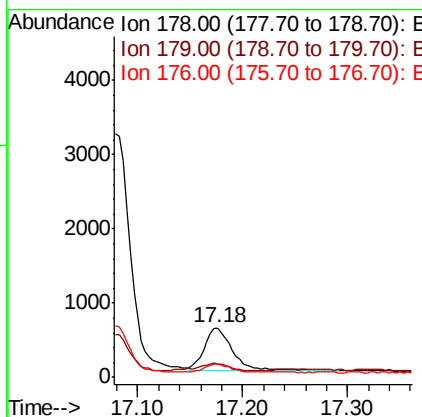
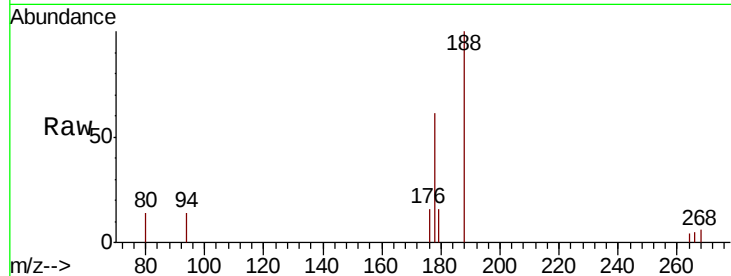
#13
 Anthracene
 Concen: 0.090 ng/ul
 RT: 17.18 min Scan# 4625
 Delta R.T. -0.01 min
 Lab File: BM021901.D
 Acq: 07 Aug 2019 18:16

Instrument :
 BNA_M
 ClientSampleId :
 BEP12DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	27.1	15.5	23.3#
176	26.1	16.6	25.0#

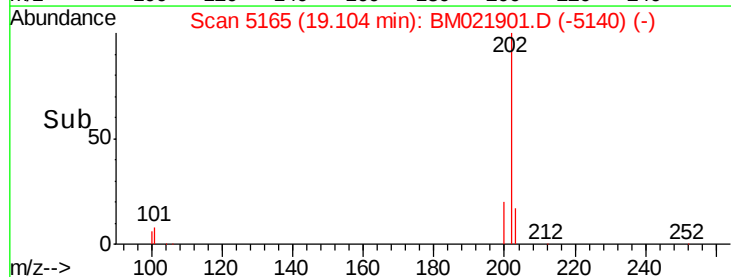
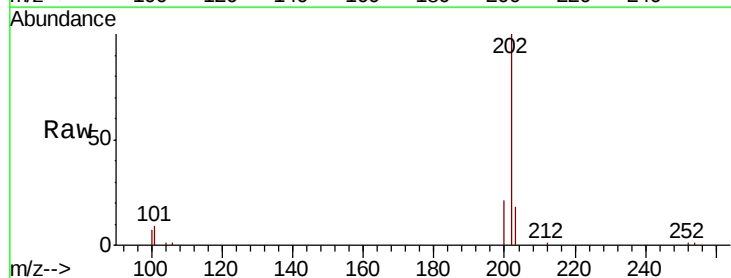
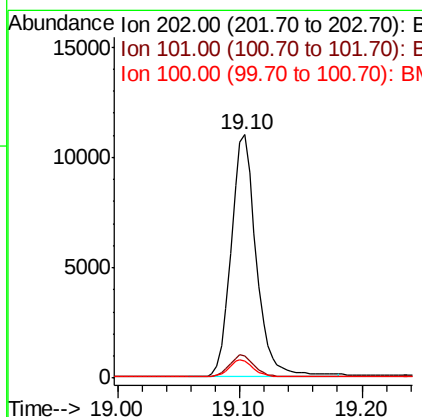
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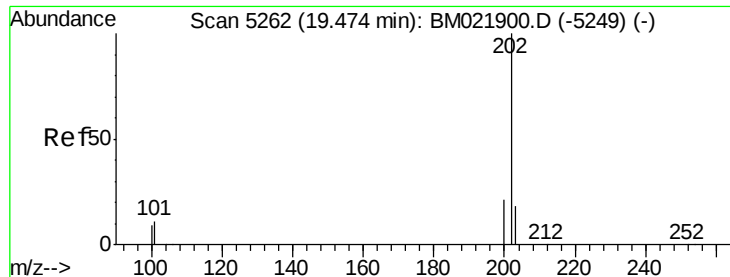
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#15
 Fluoranthene
 Concen: 0.814 ng/ul
 RT: 19.10 min Scan# 5165
 Delta R.T. -0.00 min
 Lab File: BM021901.D
 Acq: 07 Aug 2019 18:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	30.2
100	6.9	0.0	28.1





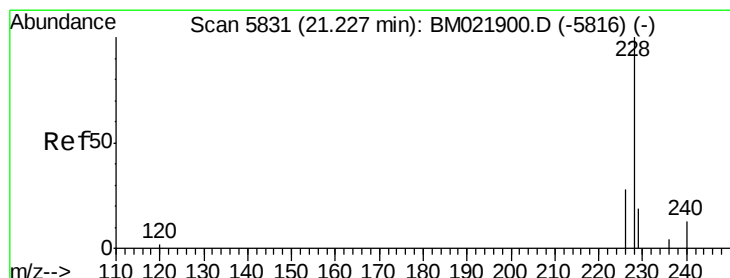
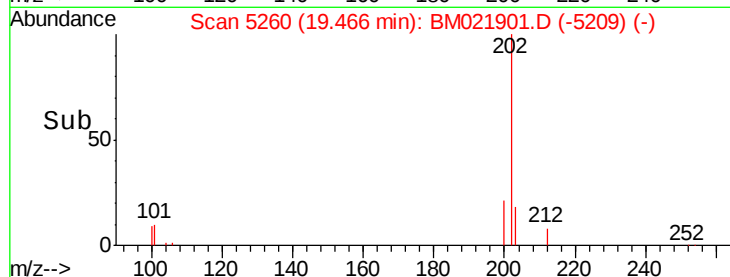
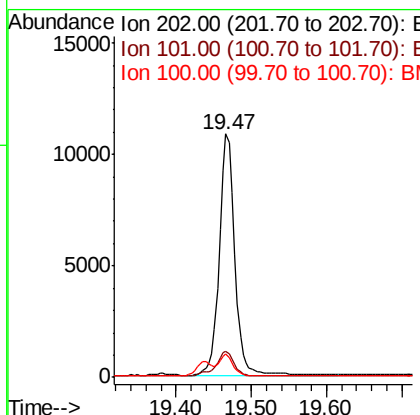
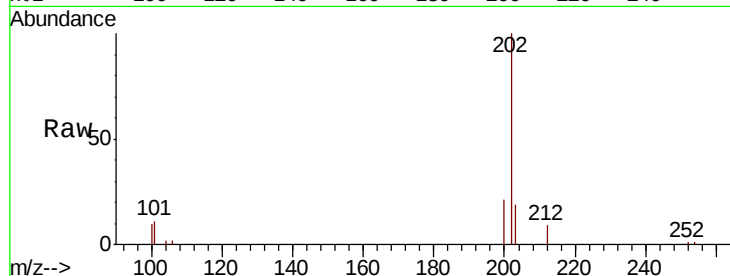
#17
Pvrene
Concen: 0.773 ng/ul
RT: 19.47 min Scan# 5260
Delta R.T. -0.01 min
Lab File: BM021901.D
Acq: 07 Aug 2019 18:16

Instrument :
BNA_M
ClientSampleId :
BEP12DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	15457		
101	10.9		8.3	12.5
100	9.7		7.2	10.8

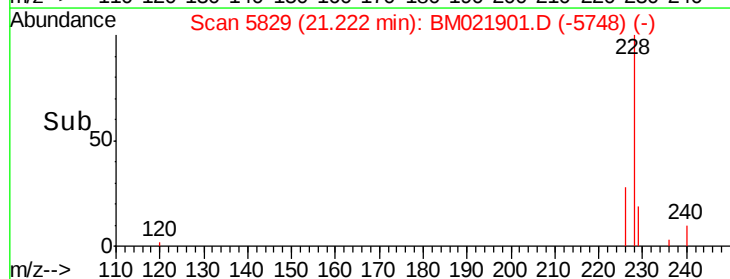
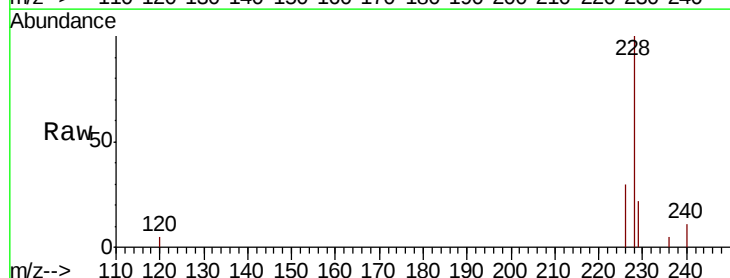
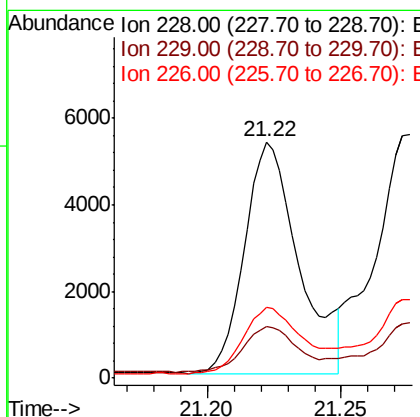
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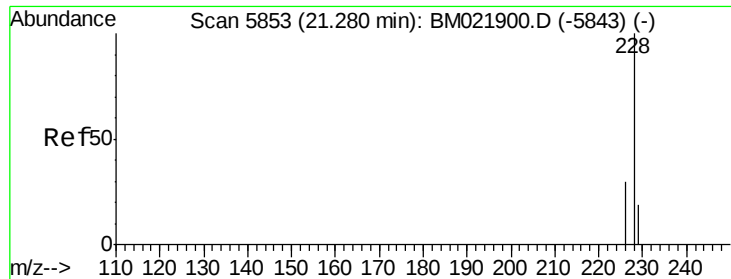
mohammad
8/9/2019 6:10:26 AM



#18
Benzo(a)anthracene
Concen: 0.435 ng/ul
RT: 21.22 min Scan# 5829
Delta R.T. -0.00 min
Lab File: BM021901.D
Acq: 07 Aug 2019 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	7574		
229	21.6		17.2	25.8
226	29.9		22.6	34.0





#19

Chrysene

Concen: 0.361 ng/ul

RT: 21.28 min Scan# 5851

Delta R.T. -0.00 min

Lab File: BM021901.D

Acq: 07 Aug 2019 18:16

Instrument :

BNA_M

ClientSampleId :

BEP12DL

Tot Ion:228 Resp: 8072

Ion Ratio Lower Upper

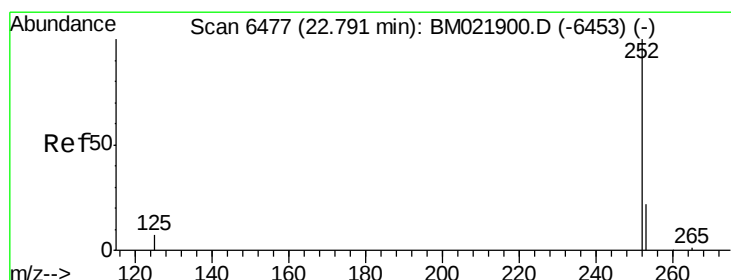
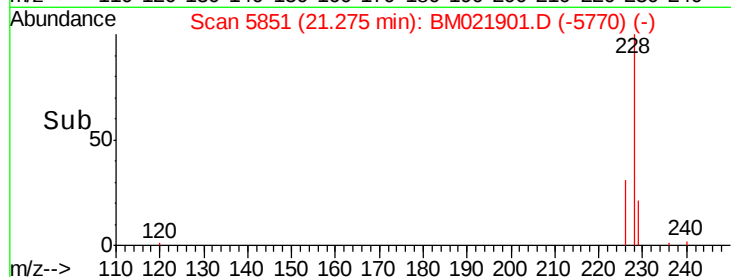
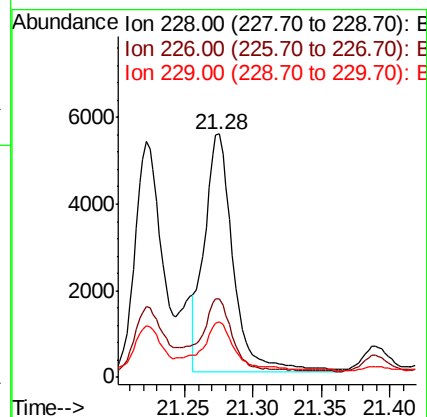
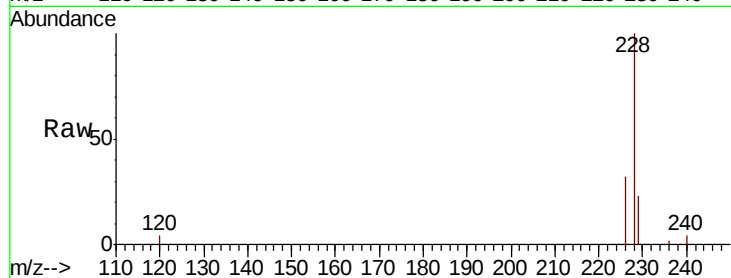
228 100

226 32.1 24.9 37.3

229 22.6 16.6 25.0

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#21

Benzo(b)fluoranthene

Concen: 0.520 ng/ul m

RT: 22.79 min Scan# 6476

Delta R.T. -0.00 min

Lab File: BM021901.D

Acq: 07 Aug 2019 18:16

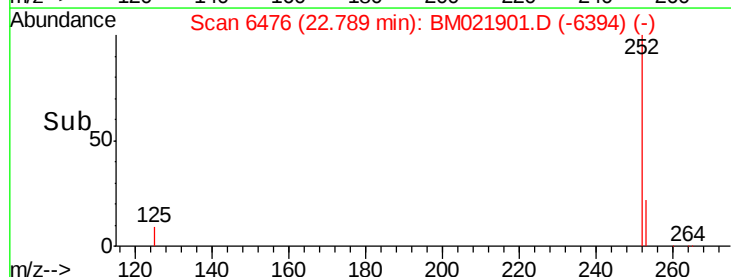
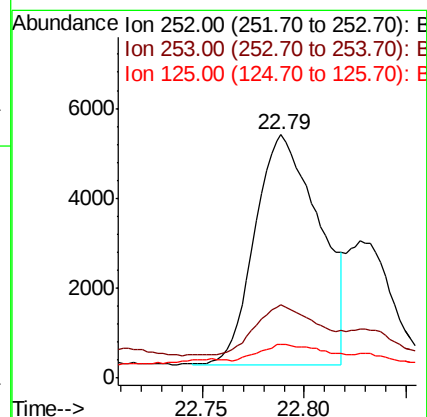
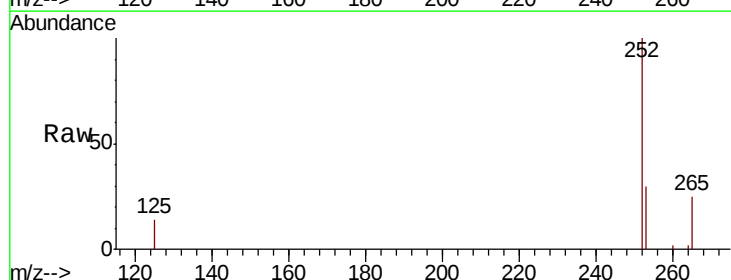
Tgt Ion:252 Resp: 11177

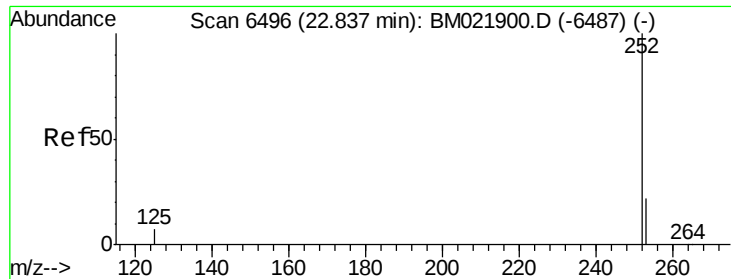
Ion Ratio Lower Upper

252 100

253 30.0 0.0 67.4

125 13.9 0.0 31.0





#22

Benzo(k)fluoranthene

Concen: 0.186 ng/ul

RT: 22.83 min Scan# 6492

Delta R.T. -0.01 min

Lab File: BM021901.D

Acq: 07 Aug 2019 18:16

Instrument :

BNA_M

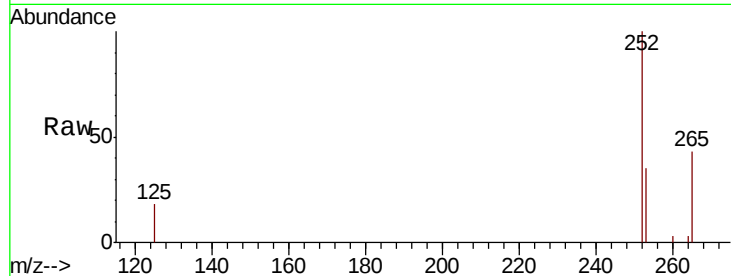
ClientSampleId :

BEP12DL

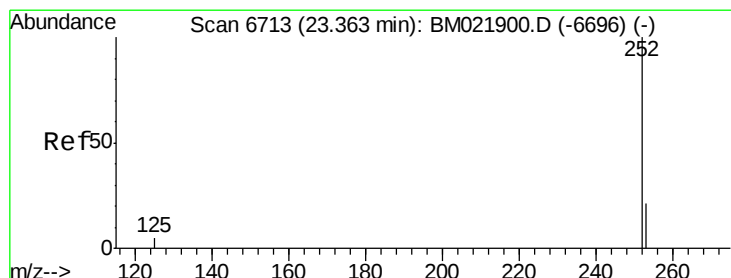
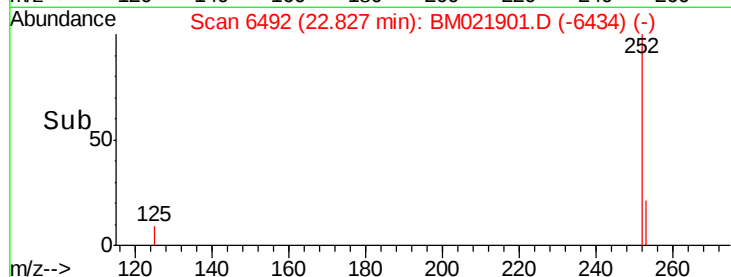
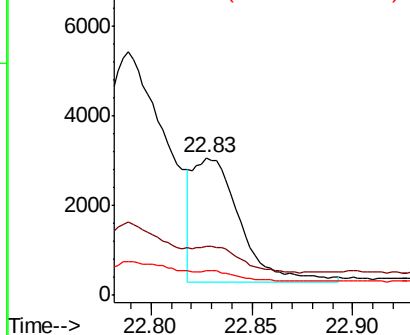
Tot Ion:	252	Resp:	4513
Ion Ratio	Lower	Upper	
252	100		
253	35.2	27.0	40.4
125	17.6	12.2	18.2

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 0.334 ng/ul

RT: 23.36 min Scan# 6710

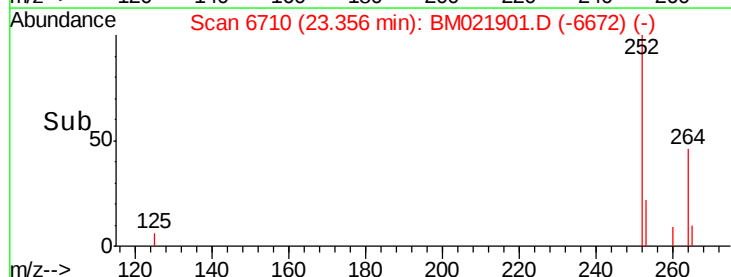
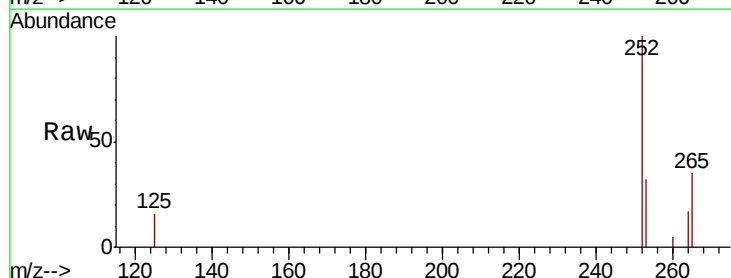
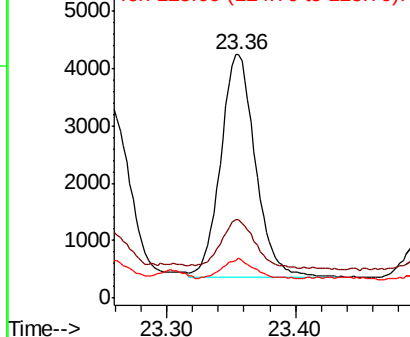
Delta R.T. -0.01 min

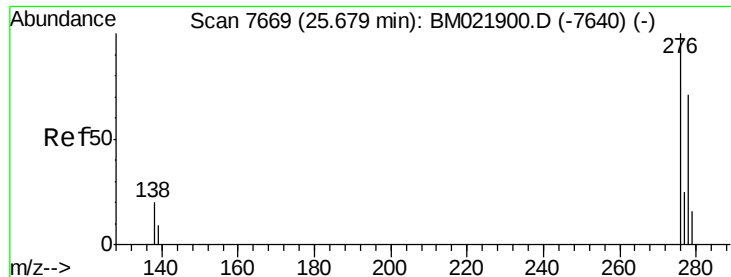
Lab File: BM021901.D

Acq: 07 Aug 2019 18:16

Tgt Ion:	252	Resp:	7293
Ion Ratio	Lower	Upper	
252	100		
253	32.1	31.7	47.5
125	16.3	14.6	21.8

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





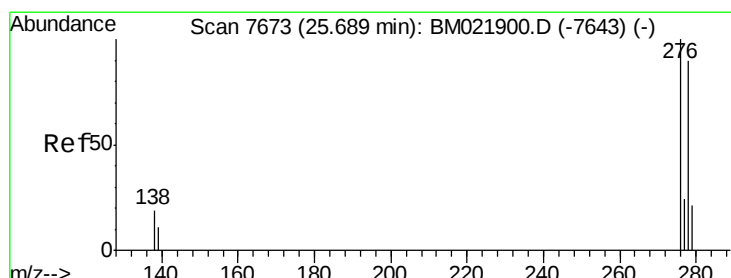
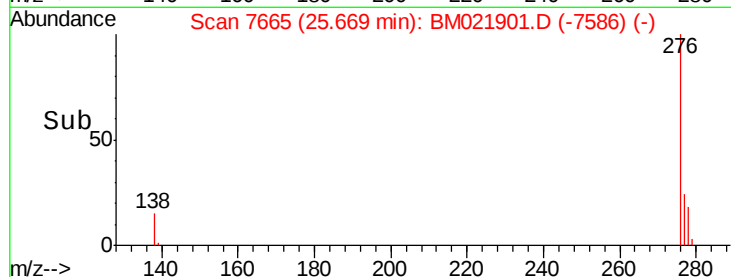
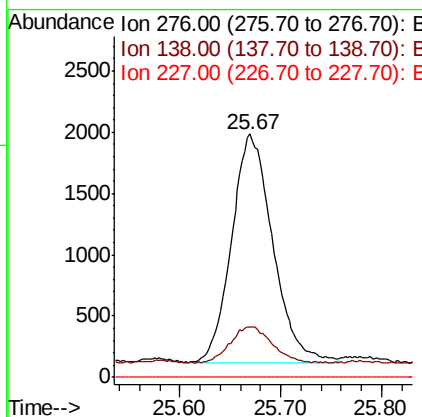
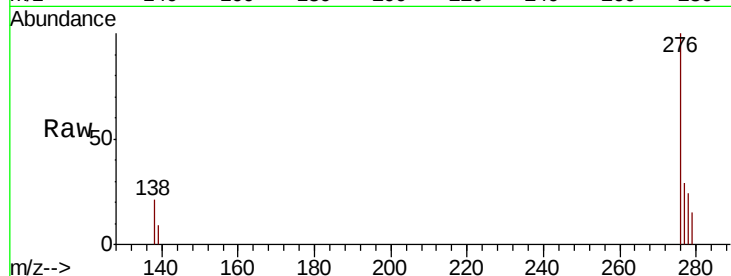
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.203 ng/u1
RT: 25.67 min Scan# 7665
Delta R.T. -0.01 min
Lab File: BM021901.D
Acq: 07 Aug 2019 18:16

Instrument :
BNA_M
ClientSampleId :
BEP12DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.3	15.1	22.7
227	0.0	0.0	0.0

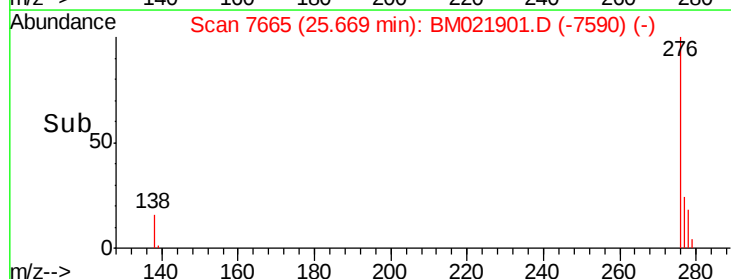
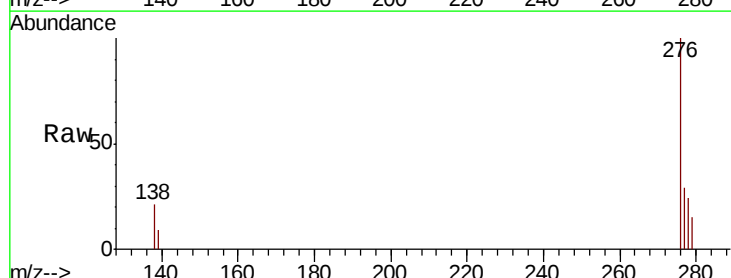
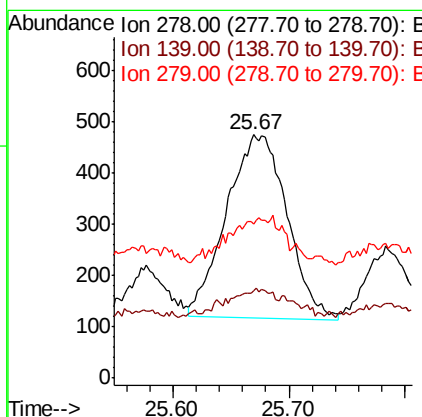
Manual Integrations
APPROVED

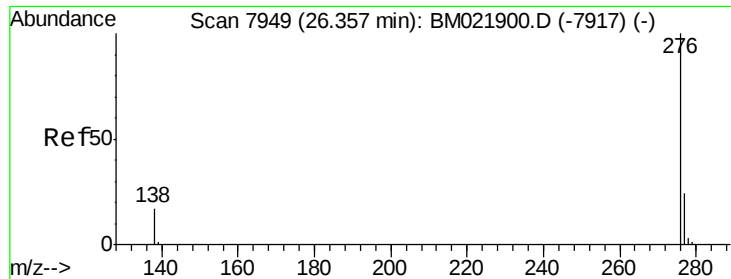
mohammad
8/9/2019 6:10:26 AM



#25
Dibenzo(a,h)anthracene
Concen: 0.061 ng/u1
RT: 25.67 min Scan# 7665
Delta R.T. -0.02 min
Lab File: BM021901.D
Acq: 07 Aug 2019 18:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	35.8	14.2	21.2#
279	63.4	28.3	42.5#





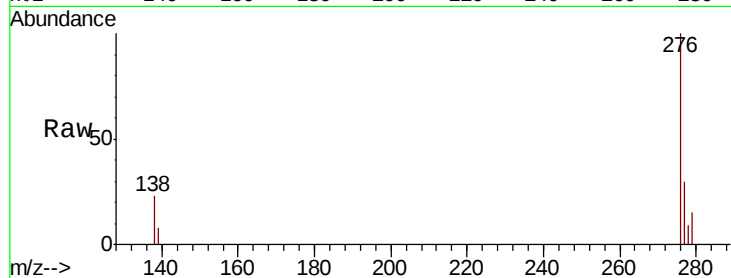
#26
 Benzo(a,h,i)perylene
 Concen: 0.194 ng/ul
 RT: 26.36 min Scan# 7948
 Delta R.T. -0.00 min
 Lab File: BM021901.D
 Acq: 07 Aug 2019 18:16

Instrument :
 BNA_M
 ClientSampleId :
 BEP12DL

Tot Ion:	276	Resp:	4550
Ion Ratio	Lower	Upper	
276	100		
138	22.7	15.5	23.3
277	30.2	21.4	32.2

Manual Integrations
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mohammad
 8/9/2019 6:10:26 AM



Abundance Ion 276.00 (275.70 to 276.70): E
 2000 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

