

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080619\
 Data File : BM021885.D
 Acq On : 07 Aug 2019 08:03
 Operator : HP/JU
 Sample : K3893-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP18

Manual Integrations
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mohammad
 8/7/2019 12:13:58 PM

Quant Time: Aug 07 08:59:16 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 : Wed Aug 07 08:28:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	942	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	3725	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	2209	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.03	188	5562m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	5821m	0.40	ng/ul	0.00
20) Perylene-d12	23.46	264	6299m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1279	0.21	ng/ul	-0.03
14) Fluoranthene-d10	19.07	212	4310m	0.23	ng/ul	-0.01
Target Compounds					Ovalue	
3) Naphthalene	10.46	128	8094	0.769	ng/ul	94
5) 2-Methylnaphthalene	12.07	142	5499	0.784	ng/ul	99
7) Acenaphthylene	14.00	152	24861	2.413	ng/ul#	81
8) Acenaphthene	14.34	153	3741	0.444	ng/ul	97
9) Fluorene	15.33	166	5498	0.587	ng/ul	99
11) Pentachlorophenol	16.70	266	149m	0.145	ng/ul	
12) Phenanthrene	17.08	178	85487m	5.282	ng/ul	
13) Anthracene	17.17	178	28719m	2.080	ng/ul	
15) Fluoranthene	19.10	202	212223m	9.789	ng/ul	
17) Pyrene	19.47	202	180169	7.532	ng/ul	96
18) Benzo(a)anthracene	21.22	228	124925	6.000	ng/ul	96
19) Chrysene	21.28	228	134150	5.010	ng/ul	96
21) Benzo(b)fluoranthene	22.80	252	235629m	11.093	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	90951m	3.784	ng/ul	
23) Benzo(a)pyrene	23.37	252	151705m	7.023	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.68	276	145362m	5.636	ng/ul	
25) Dibenzo(a,h)anthracene	25.69	278	35566m	1.706	ng/ul	
26) Benzo(g,h,i)perylene	26.37	276	147880m	6.369	ng/ul	

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

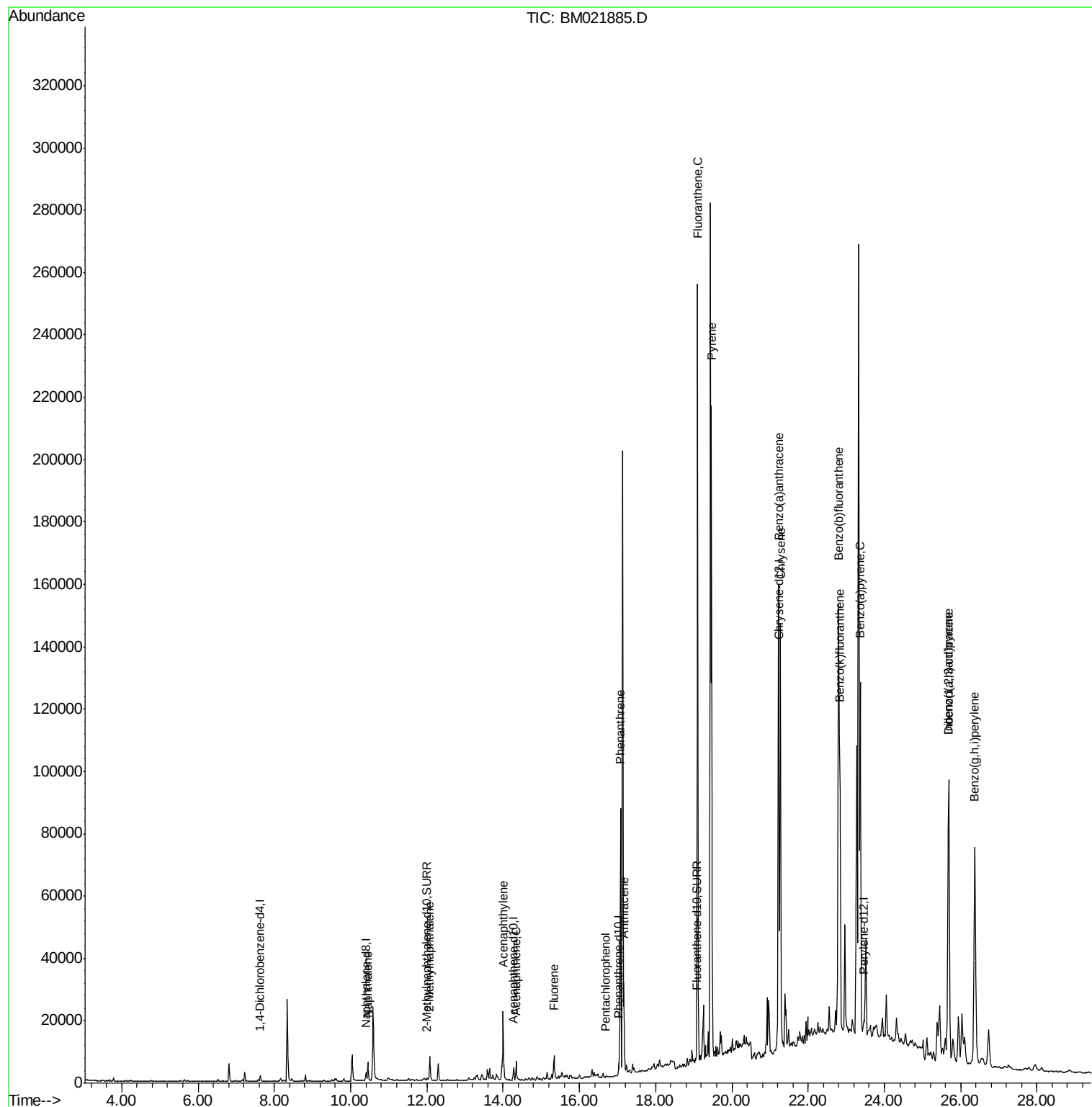
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080619\
Data File : BM021885.D
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Sample : K3893-14
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ALS Vial : 25 Sample Multiplier: 1

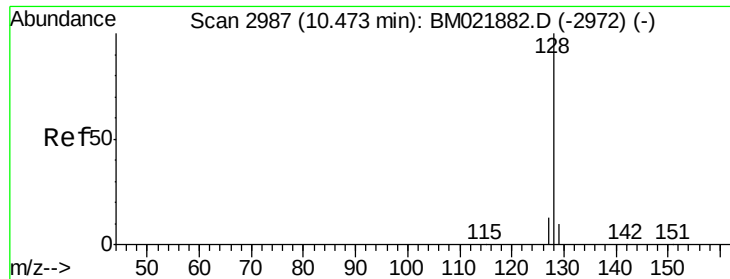
Instrument :
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#3

Naphthalene

Concen: 0.769 ng/ul

RT: 10.46 min Scan# 2983

Delta R.T. -0.02 min

Lab File: BM021885.D

Acq: 07 Aug 2019 08:03

Instrument :

BNA_M

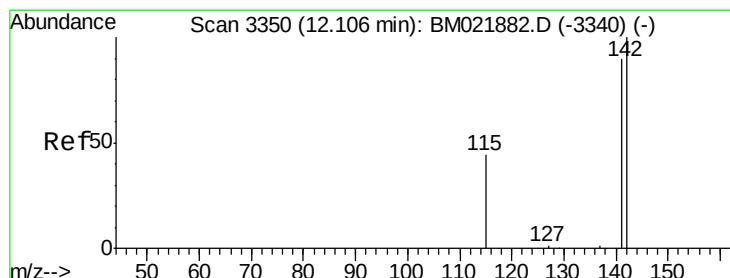
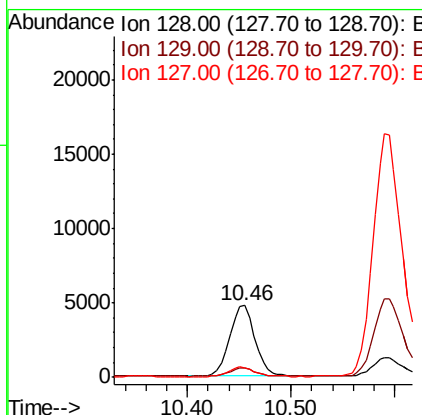
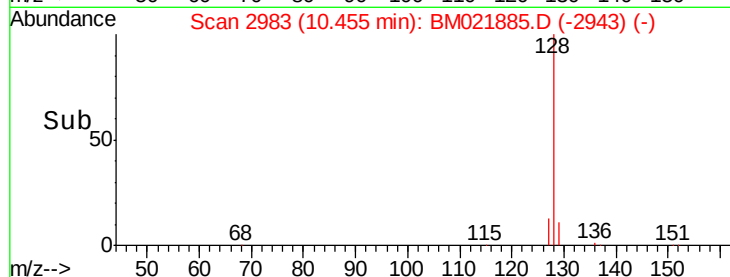
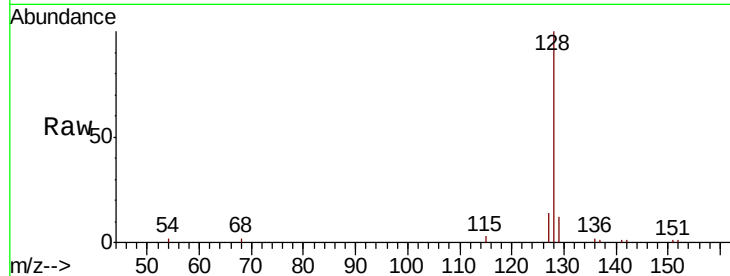
ClientSampleId :

BEP18

Tot Ion:	128	Resp:	8094
Ion	Ratio	Lower	Upper
128	100		
129	12.3	12.3	18.5
127	13.9	13.0	19.6

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#5

2-Methylnaphthalene

Concen: 0.784 ng/ul

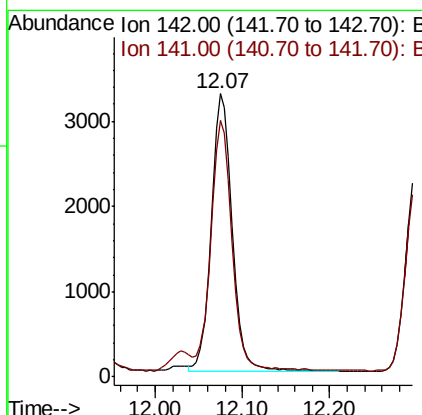
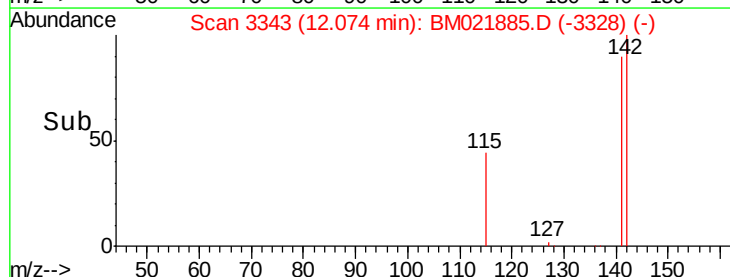
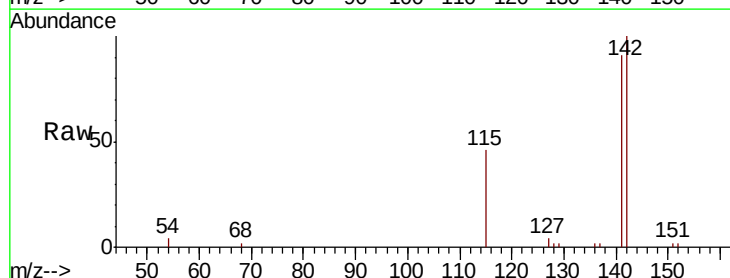
RT: 12.07 min Scan# 3343

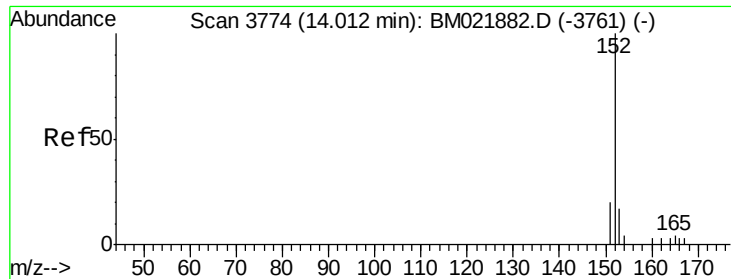
Delta R.T. -0.03 min

Lab File: BM021885.D

Acq: 07 Aug 2019 08:03

Tgt Ion:	142	Resp:	5499
Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.3	111.5





#7

Acenaphthylene

Concen: 2.413 ng/ul

RT: 14.00 min Scan# 3771

Delta R.T. -0.01 min

Lab File: BM021885.D

Acq: 07 Aug 2019 08:03

Instrument :

BNA_M

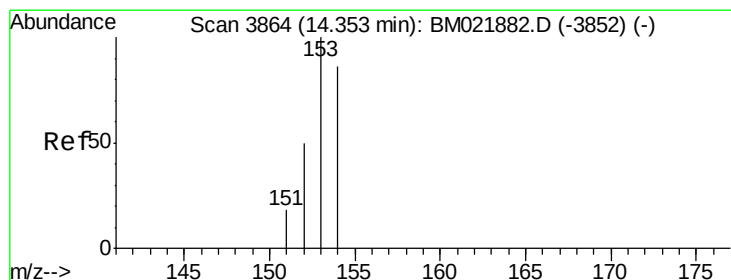
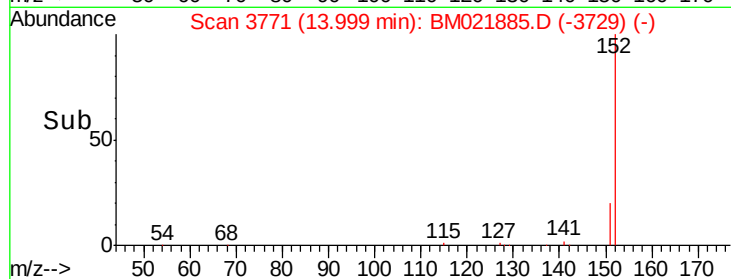
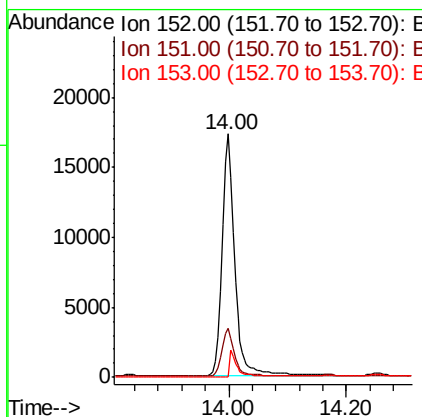
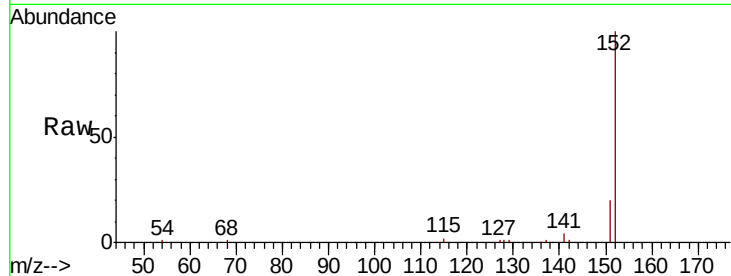
ClientSampleId :

BEP18

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.9	18.3	27.5
153	0.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.444 ng/ul

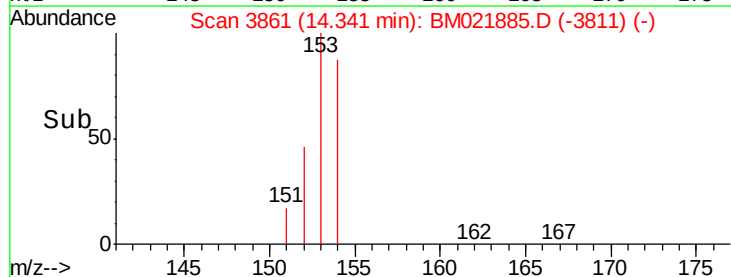
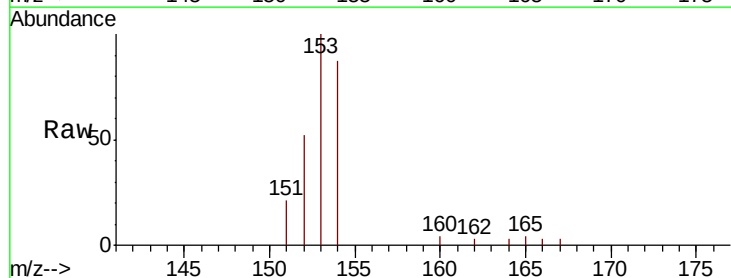
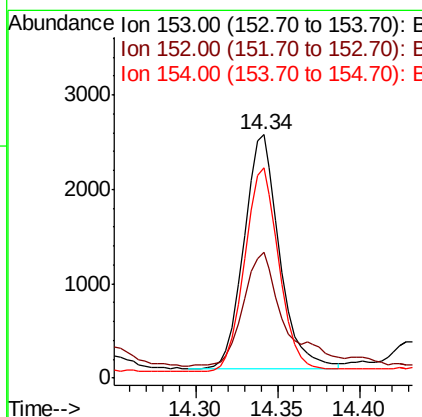
RT: 14.34 min Scan# 3861

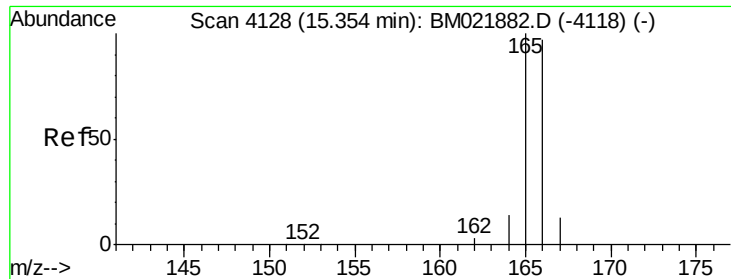
Delta R.T. -0.01 min

Lab File: BM021885.D

Acq: 07 Aug 2019 08:03

Tgt Ion	Ratio	Lower	Upper
153	100		
152	51.5	41.3	61.9
154	86.6	72.3	108.5





#9

Fluorene

Concen: 0.587 ng/ul

RT: 15.33 min Scan# 4123

Delta R.T. -0.02 min

Lab File: BM021885.D

Acq: 07 Aug 2019 08:03

Instrument :

BNA_M

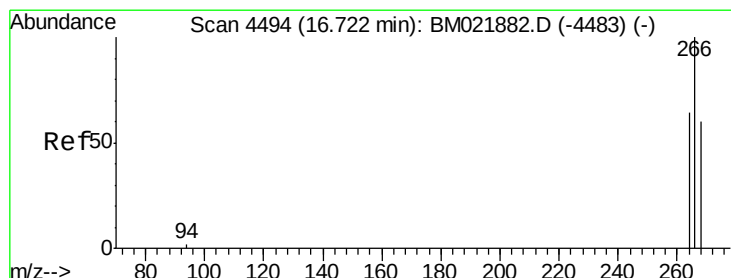
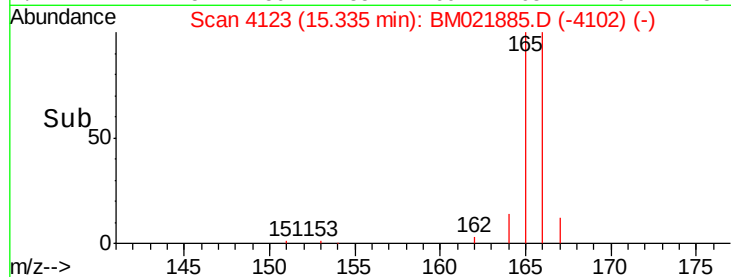
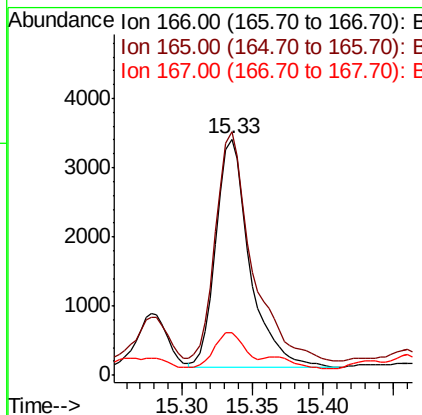
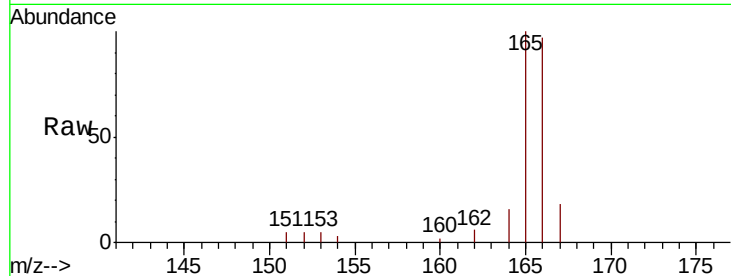
ClientSampleId :

BEP18

Tot Ion:	166	Resp:	5498
Ion Ratio	Lower	Upper	
166	100		
165	102.9	81.4	122.0
167	18.1	13.7	20.5

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#11

Pentachlorophenol

Concen: 0.145 ng/ul m

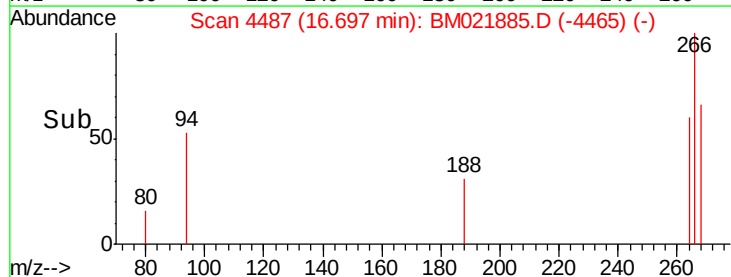
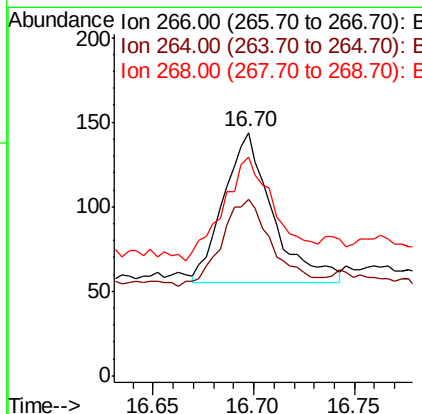
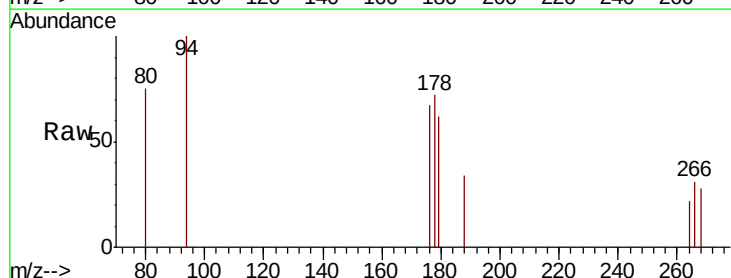
RT: 16.70 min Scan# 4487

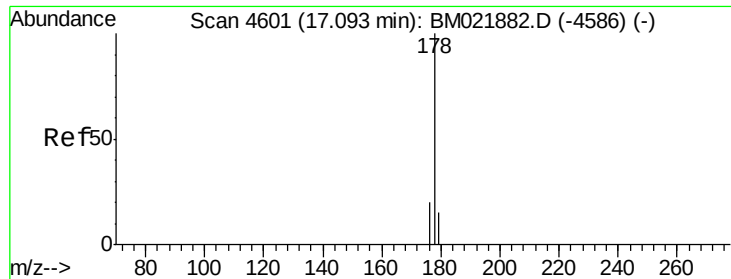
Delta R.T. -0.02 min

Lab File: BM021885.D

Acq: 07 Aug 2019 08:03

Tgt Ion:	266	Resp:	149
Ion Ratio	Lower	Upper	
266	100		
264	1.3	54.2	81.2#
268	3.4	57.6	86.4#





#12

Phenanthrene

Concen: 5.282 ng/ul m

RT: 17.08 min Scan# 4596

Delta R.T. -0.02 min

Lab File: BM021885.D

Acq: 07 Aug 2019 08:03

Instrument :

BNA_M

ClientSampleId :

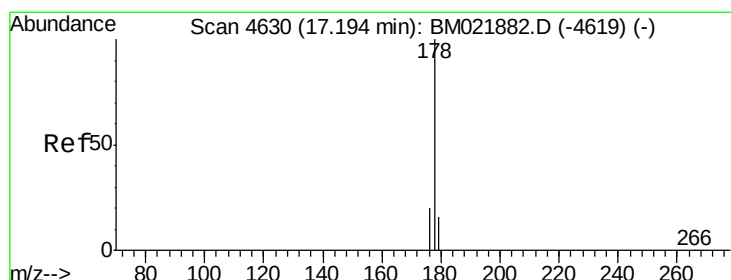
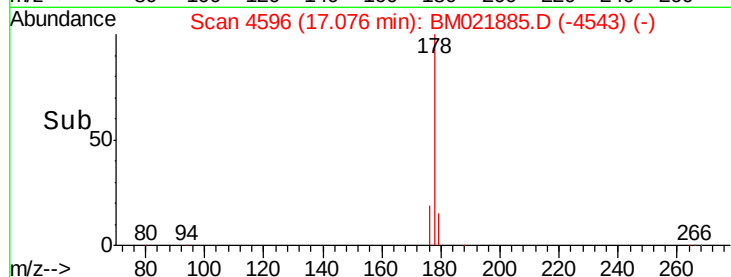
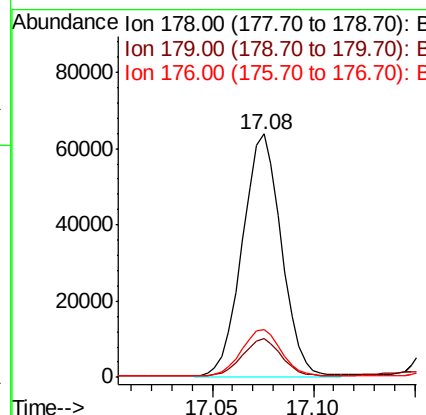
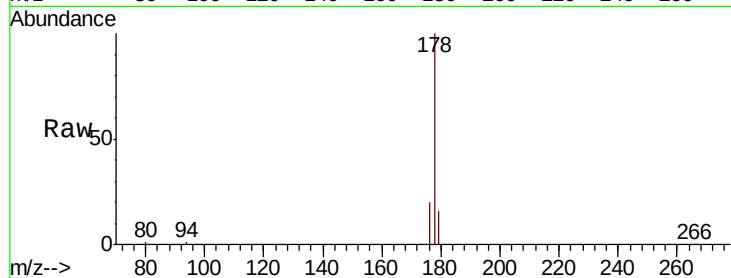
BEP18

Tot Ion:178 Resp: 85487

Ion	Ratio	Lower	Upper
178	100		
179	15.7	14.2	21.2
176	19.8	16.8	25.2

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#13

Anthracene

Concen: 2.080 ng/ul m

RT: 17.17 min Scan# 4622

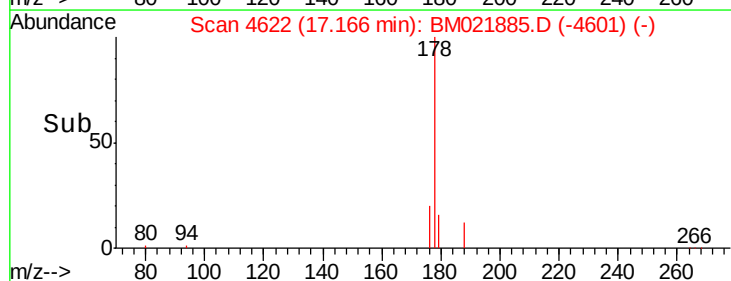
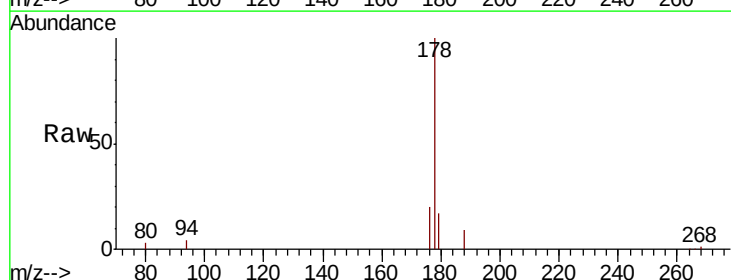
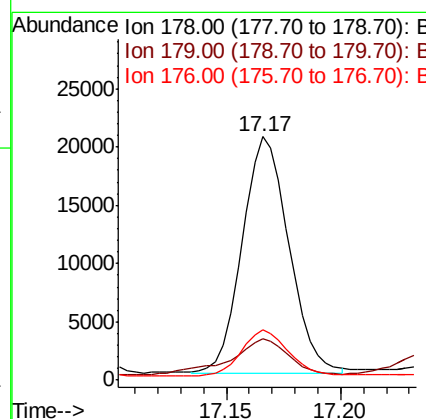
Delta R.T. -0.03 min

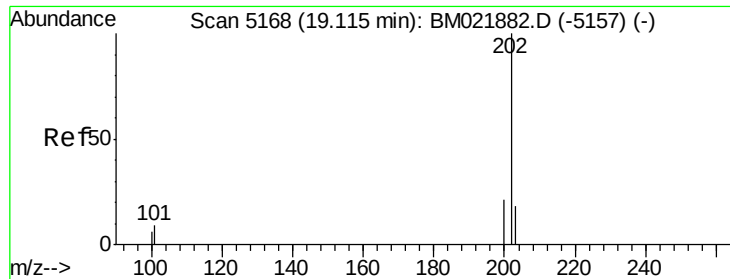
Lab File: BM021885.D

Acq: 07 Aug 2019 08:03

Tgt Ion:178 Resp: 28719

Ion	Ratio	Lower	Upper
178	100		
179	17.0	15.5	23.3
176	20.4	16.6	25.0





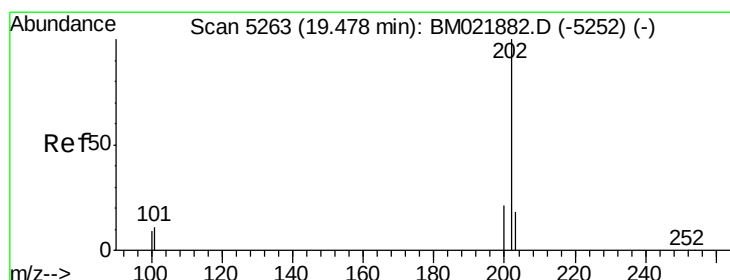
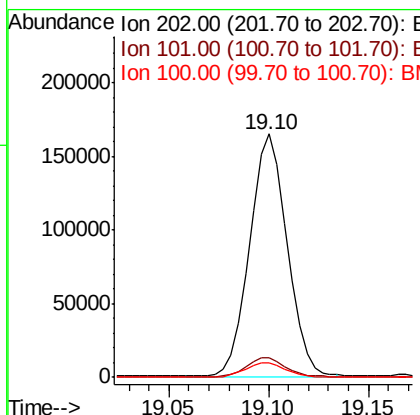
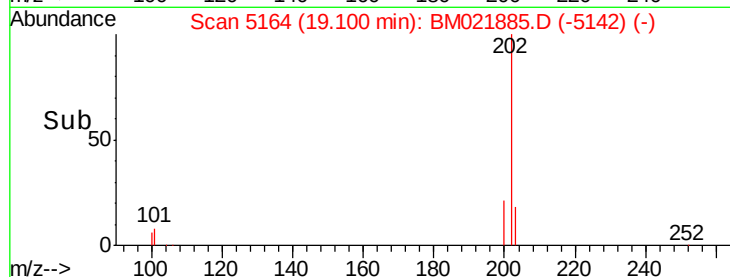
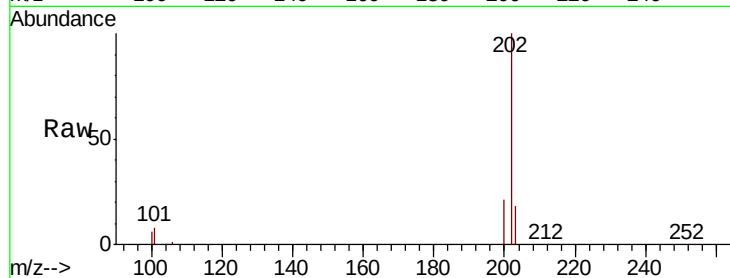
#15
Fluoranthene
 Concen: 9.789 ng/ul m
 RT: 19.10 min Scan# 5164
 Delta R.T. -0.02 min
 Lab File: BM021885.D
 Acq: 07 Aug 2019 08:03

Instrument :
 BNA_M
 ClientSampleId :
 BEP18

Tot Ion:	202	Resp:	212223
Ion Ratio	Lower	Upper	
202	100		
101	8.1	0.0	30.2
100	6.1	0.0	28.1

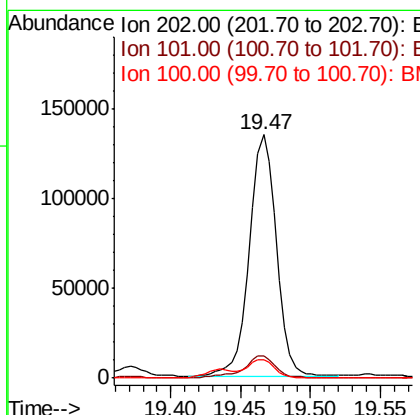
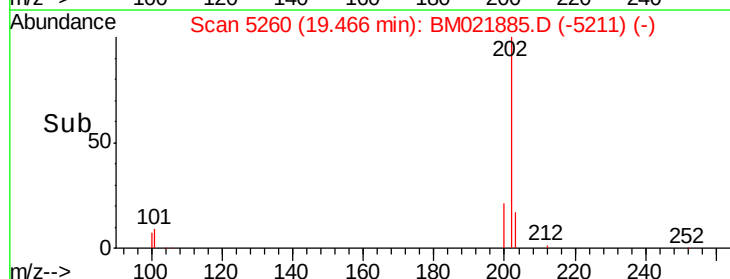
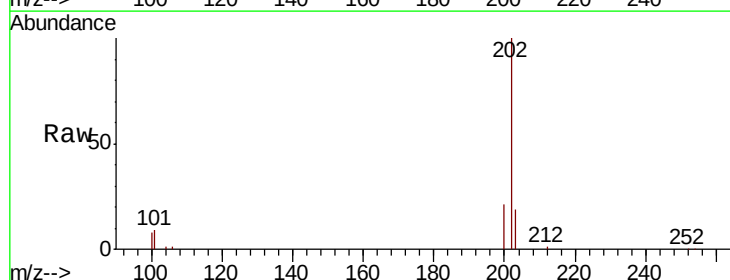
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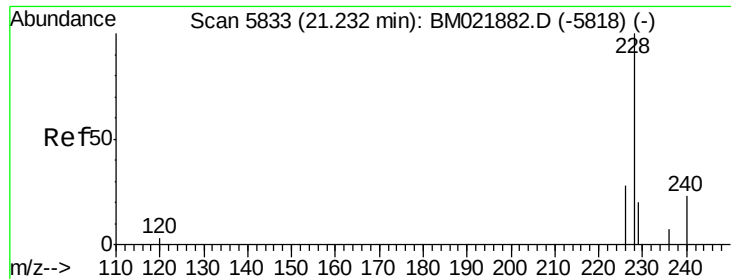
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#17
Pyrene
 Concen: 7.532 ng/ul
 RT: 19.47 min Scan# 5260
 Delta R.T. -0.01 min
 Lab File: BM021885.D
 Acq: 07 Aug 2019 08:03

Tgt Ion:	202	Resp:	180169
Ion Ratio	Lower	Upper	
202	100		
101	9.1	8.3	12.5
100	7.6	7.2	10.8





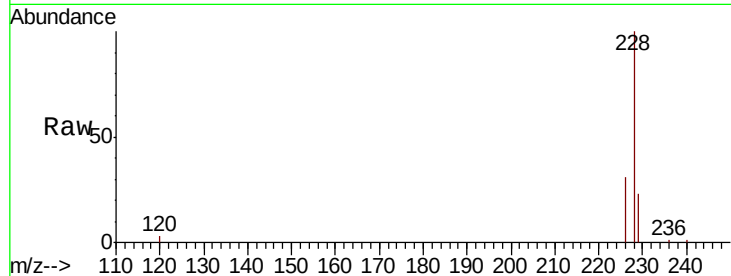
#18
Benzo(a)anthracene
Concen: 6.000 ng/ul
RT: 21.22 min Scan# 5829
Delta R.T. -0.01 min
Lab File: BM021885.D
Acq: 07 Aug 2019 08:03

Instrument :
BNA_M
ClientSampled :
BEP18

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.6	17.2	25.8
226	31.1	22.6	34.0

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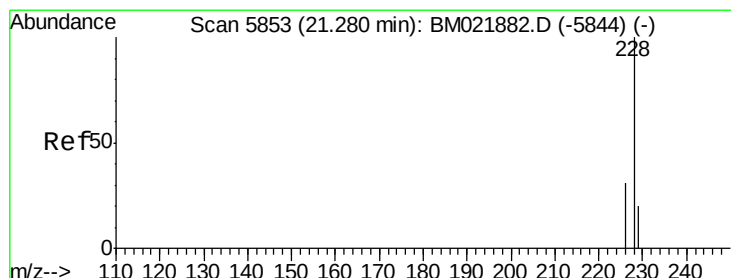
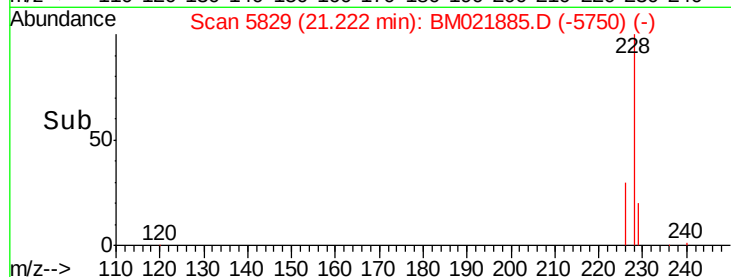
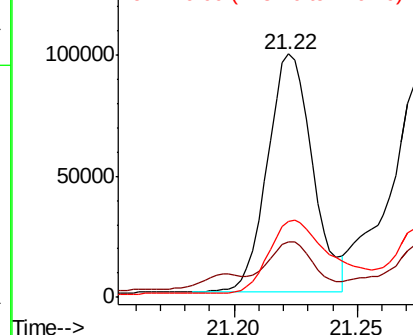


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#19
Chrysene
Concen: 5.010 ng/ul
RT: 21.28 min Scan# 5851
Delta R.T. -0.00 min
Lab File: BM021885.D
Acq: 07 Aug 2019 08:03

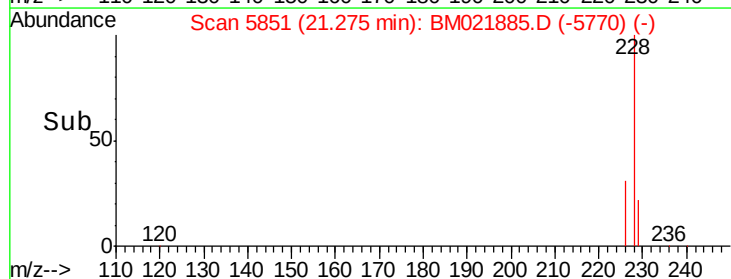
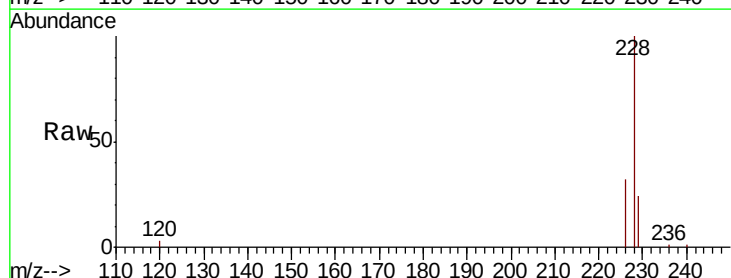
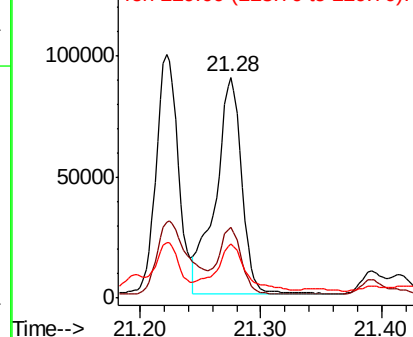
Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.9	37.3
229	24.2	16.6	25.0

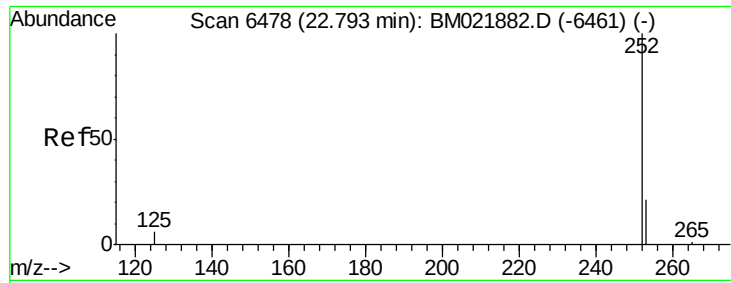
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





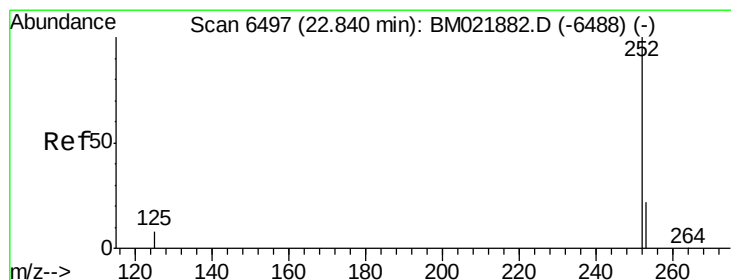
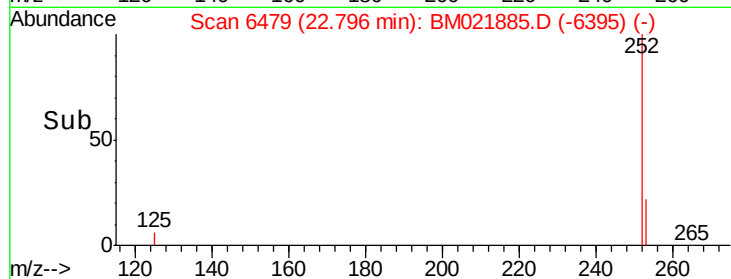
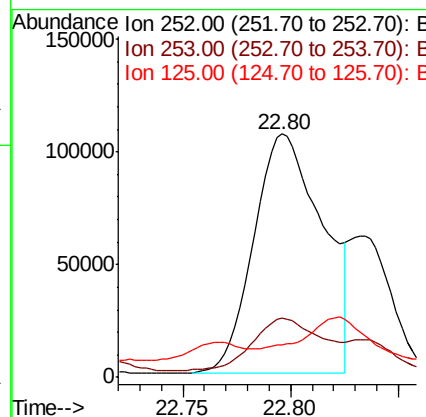
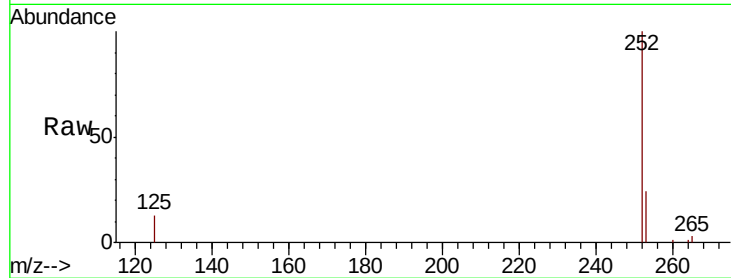
#21
Benzo(b)fluoranthene
Concen: 11.093 ng/ul m
RT: 22.80 min Scan# 6479
Delta R.T. 0.00 min
Lab File: BM021885.D
Acq: 07 Aug 2019 08:03

Instrument :
BNA_M
ClientSampleId :
BEP18

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.1	0.0	67.4
125	13.4	0.0	31.0

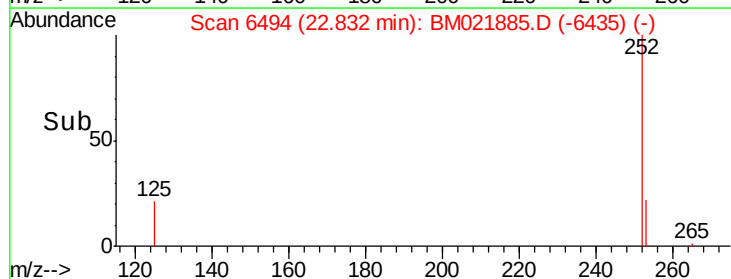
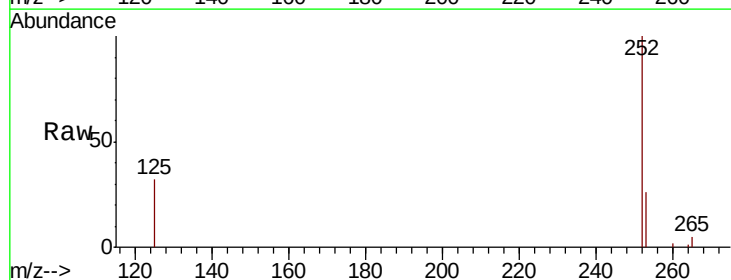
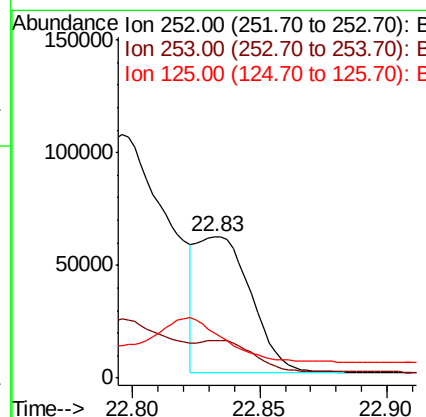
Manual Integrations
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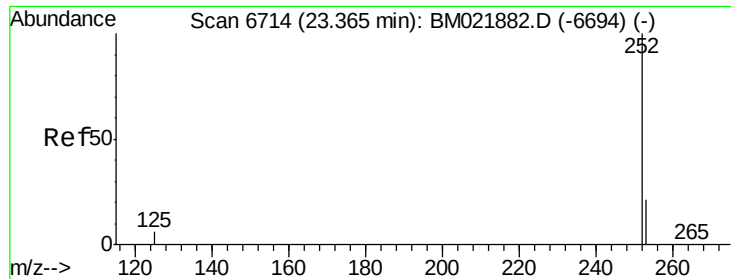
mohammad
8/7/2019 12:13:58 PM



#22
Benzo(k)fluoranthene
Concen: 3.784 ng/ul m
RT: 22.83 min Scan# 6494
Delta R.T. -0.01 min
Lab File: BM021885.D
Acq: 07 Aug 2019 08:03

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	26.4	27.0	40.4#
125	32.2	12.2	18.2#





#23

Benzo(a)pyrene

Concen: 7.023 ng/ul m

RT: 23.37 min Scan# 6714

Delta R.T. -0.00 min

Lab File: BM021885.D

Acq: 07 Aug 2019 08:03

Instrument :

BNA_M

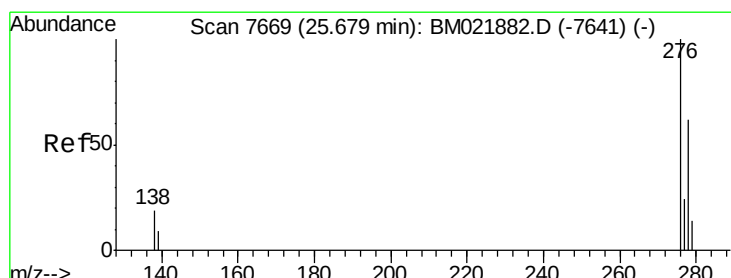
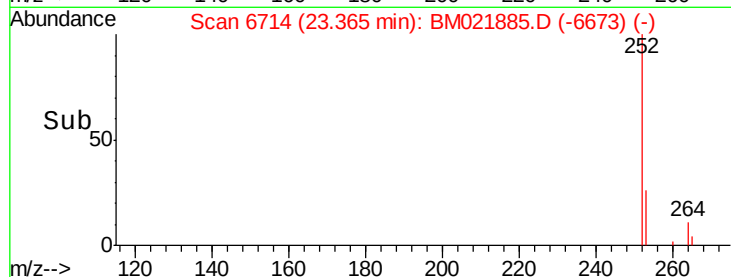
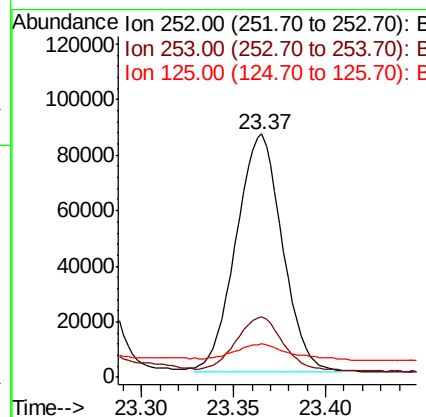
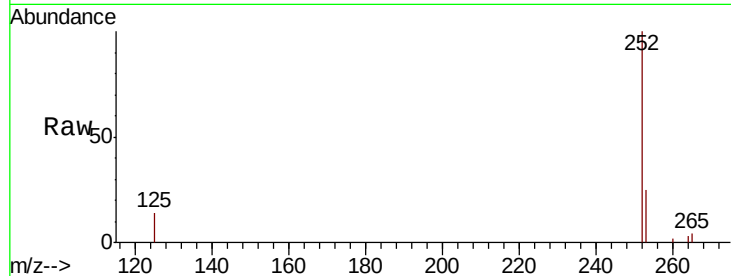
ClientSampleId :

BEP18

Tot Ion:	252	Resp:	151705
Ion Ratio	Lower	Upper	
252	100		
253	24.7	31.7	47.5#
125	13.6	14.6	21.8#

Manual Integrations
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#24

Indeno(1,2,3-cd)pyrene

Concen: 5.636 ng/ul m

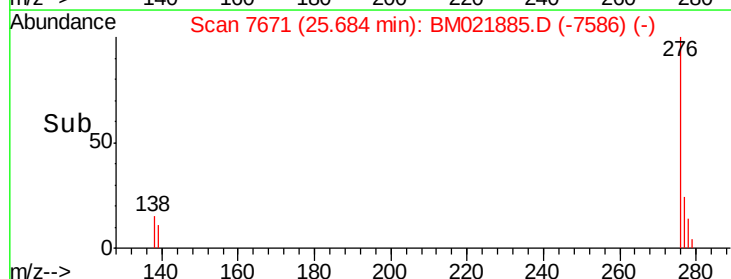
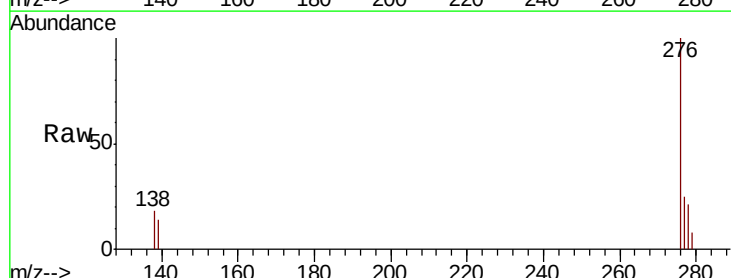
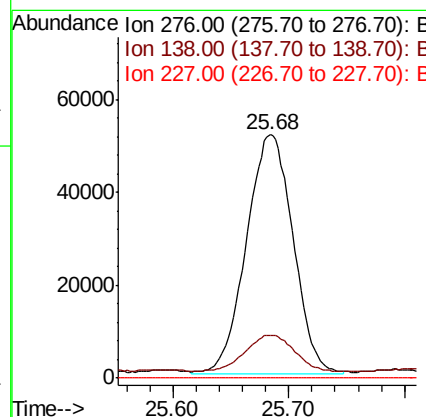
RT: 25.68 min Scan# 7671

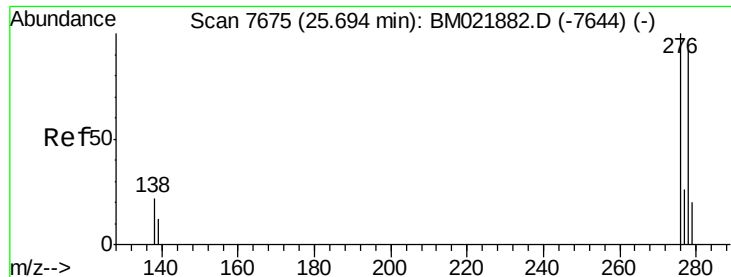
Delta R.T. 0.00 min

Lab File: BM021885.D

Acq: 07 Aug 2019 08:03

Tgt Ion:	276	Resp:	145362
Ion Ratio	Lower	Upper	
276	100		
138	1.6	15.1	22.7#
227	0.0	0.0	0.0





#25

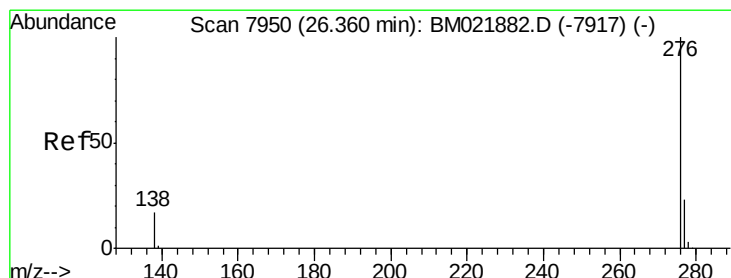
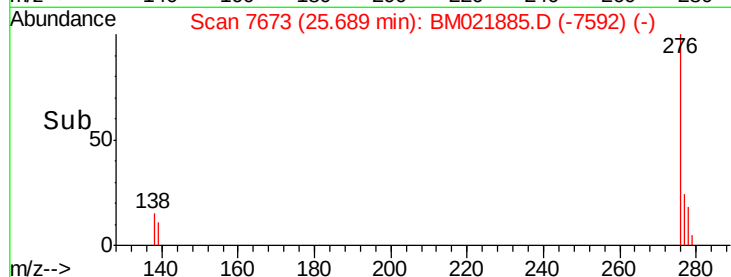
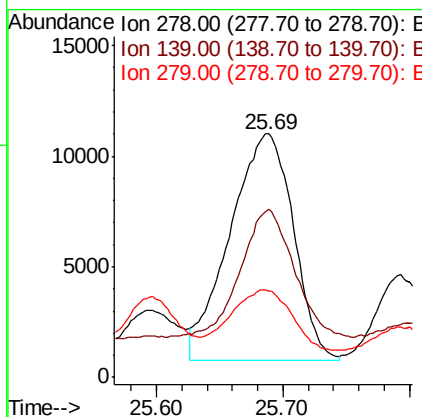
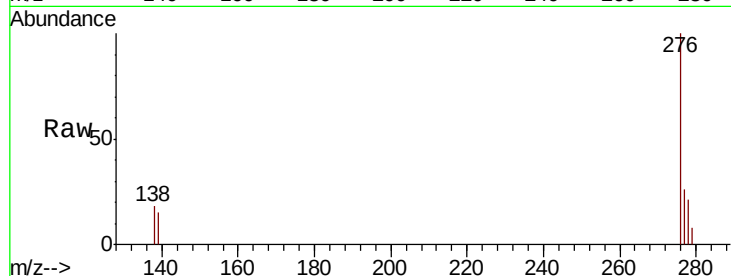
Dibenzo(a,h)anthracene
Concen: 1.706 ng/ul m
RT: 25.69 min Scan# 7673
Delta R.T. -0.00 min
Lab File: BM021885.D
Acq: 07 Aug 2019 08:03

Instrument :
BNA_M
ClientSampleId :
BEP18

Tot Ion	Ratio	Lower	Upper
278	100		
139	68.8	14.2	21.2#
279	35.4	28.3	42.5

Manual Integrations
APPROVED

mohammad
8/7/2019 12:13:58 PM



#26

Benzo(g,h,i)perylene
Concen: 6.369 ng/ul m
RT: 26.37 min Scan# 7954
Delta R.T. 0.01 min
Lab File: BM021885.D
Acq: 07 Aug 2019 08:03

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.8	15.5	23.3
277	25.0	21.4	32.2

