

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080619\
 Data File : BM021875.D
 Acq On : 07 Aug 2019 01:22
 Operator : HP/JU
 Sample : K3893-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP14

Manual Integrations
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 8/7/2019 12:12:29 PM

Quant Time: Aug 07 05:31:40 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 04:02:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	887	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	3705	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	2056	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	4815m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	4710m	0.40	ng/ul	-0.01
20) Perylene-d12	23.45	264	4885m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	1390	0.23	ng/ul	-0.01
14) Fluoranthene-d10	19.07	212	3955m	0.24	ng/ul	-0.02
Target Compounds				Ovalue		
3) Naphthalene	10.46	128	794	0.076	ng/ul#	86
5) 2-Methylnaphthalene	12.09	142	378	0.054	ng/ul	94
7) Acenaphthylene	14.00	152	2279	0.238	ng/ul#	84
8) Acenaphthene	14.34	153	898	0.114	ng/ul	97
9) Fluorene	15.34	166	1243	0.143	ng/ul#	98
12) Phenanthrene	17.08	178	30425m	2.172	ng/ul	
13) Anthracene	17.17	178	6174m	0.517	ng/ul	
15) Fluoranthene	19.10	202	77603m	4.135	ng/ul	
17) Pyrene	19.47	202	73382	3.791	ng/ul	99
18) Benzo(a)anthracene	21.22	228	41400m	2.457	ng/ul	
19) Chrysene	21.27	228	47946	2.213	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	58485m	3.550	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	22821m	1.224	ng/ul	
23) Benzo(a)pyrene	23.35	252	38961	2.326	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.66	276	28188	1.409	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.67	278	7223	0.447	ng/ul	94
26) Benzo(a,h,i)perylene	26.35	276	23289	1.293	ng/ul	97

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

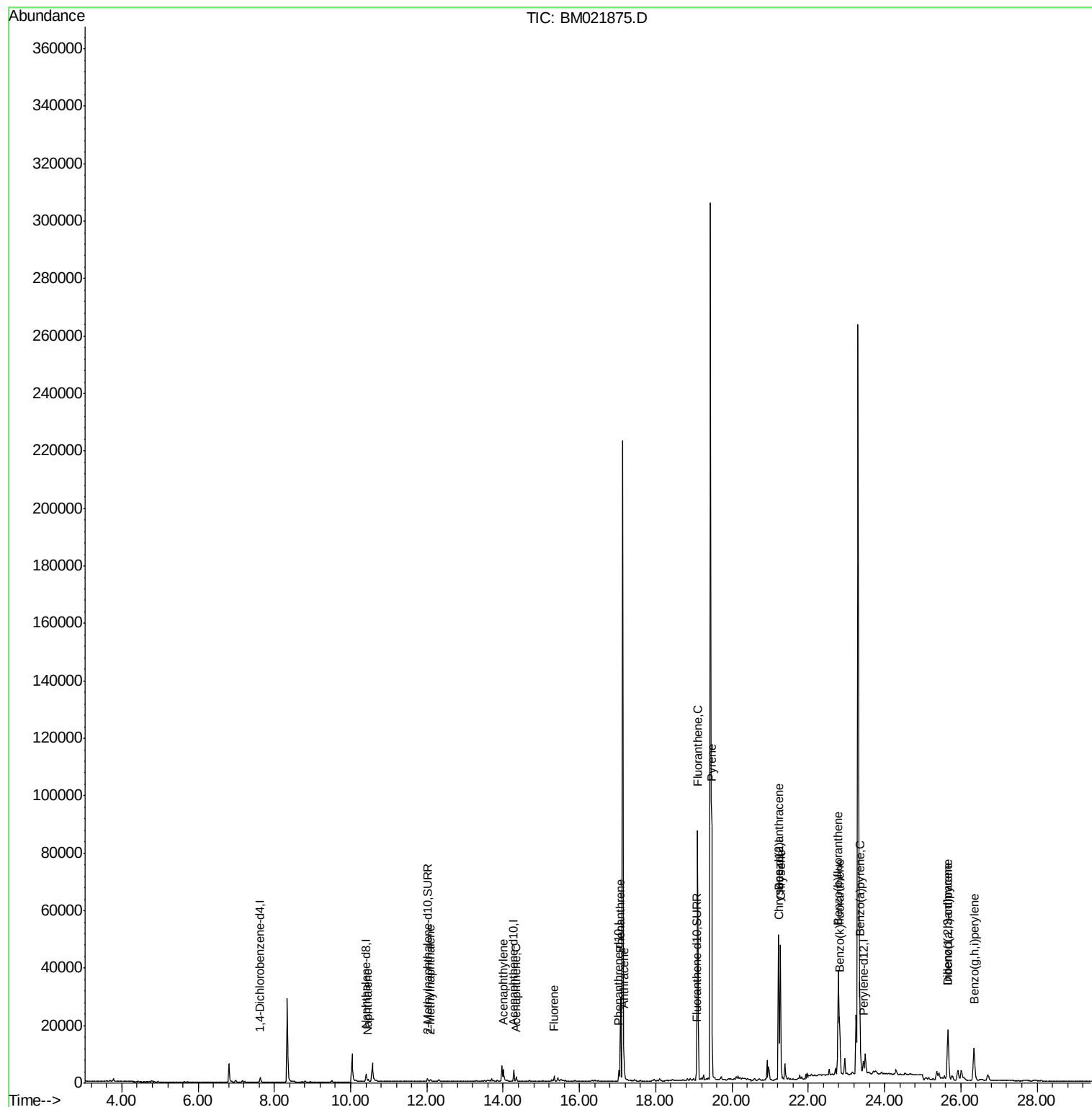
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080619\
Data File : BM021875.D
Acq On : 07 Aug 2019 01:22
Operator : HP/JU
Sample : K3893-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

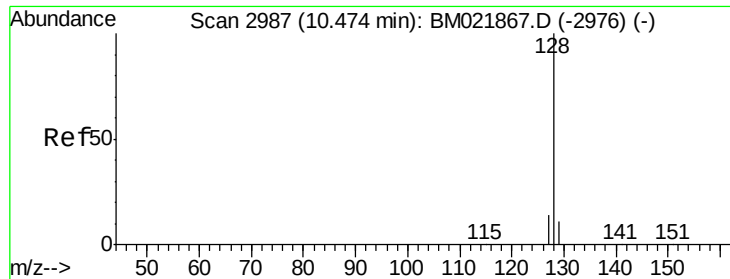
Instrument :
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Quant Time: Aug 07 05:31:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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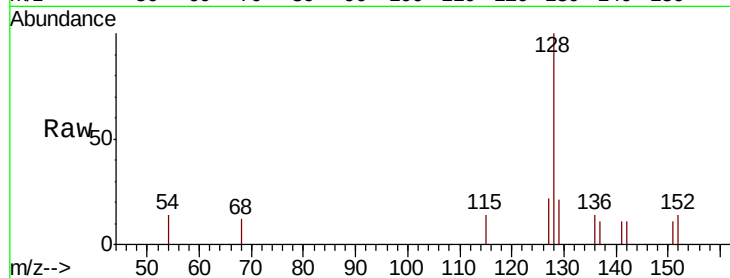
#3
Naphthalene
Concen: 0.076 ng/ul
RT: 10.46 min Scan# 2983
Delta R.T. -0.02 min
Lab File: BM021875.D
Acq: 07 Aug 2019 01:22

Instrument :
BNA_M
ClientSampleId :
BEP14

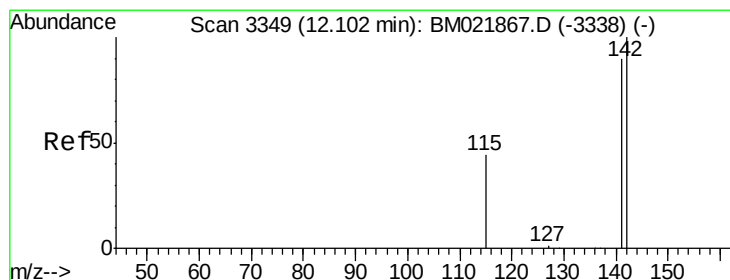
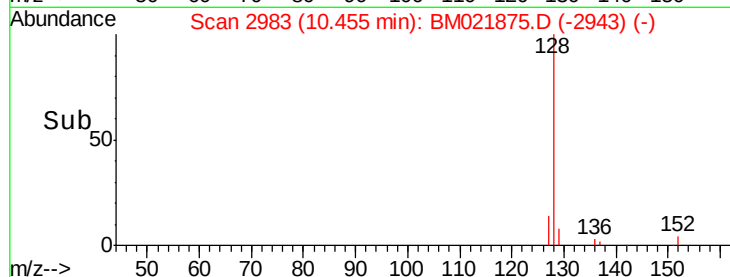
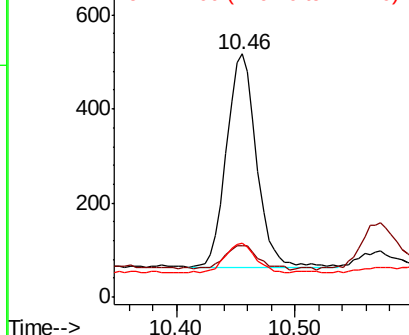
Tot Ion	Ratio	Lower	Upper
128	100		
129	21.1	12.3	18.5#
127	22.4	13.0	19.6#

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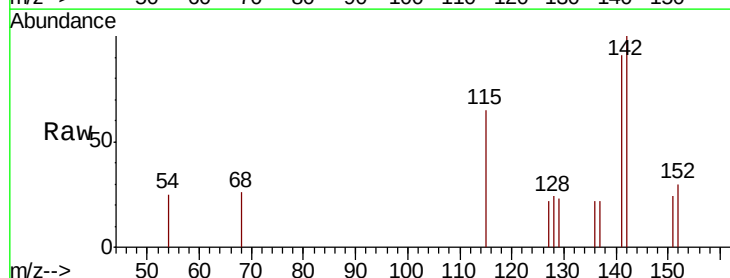


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

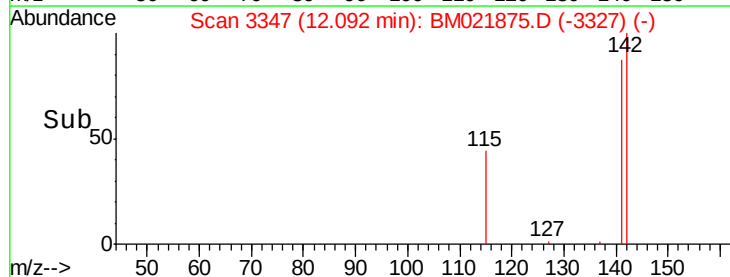
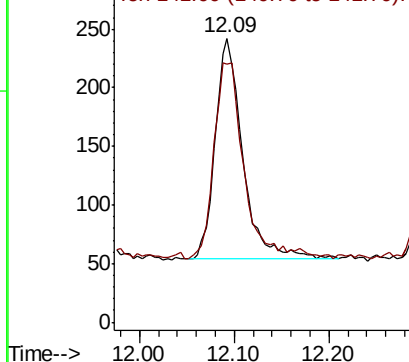


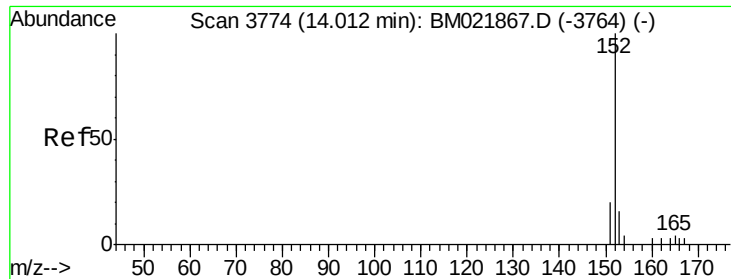
#5
2-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 12.09 min Scan# 3347
Delta R.T. -0.01 min
Lab File: BM021875.D
Acq: 07 Aug 2019 01:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	98.9	74.3	111.5



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.238 ng/ul

RT: 14.00 min Scan# 3771

Delta R.T. -0.01 min

Lab File: BM021875.D

Acq: 07 Aug 2019 01:22

Instrument :

BNA_M

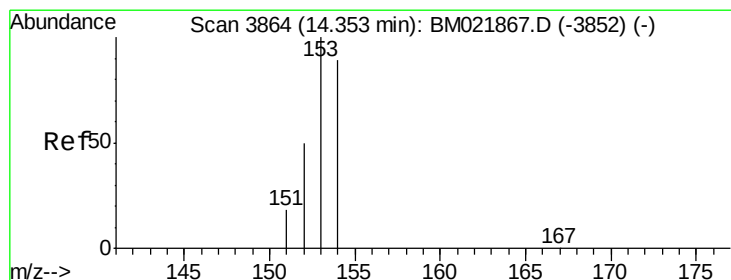
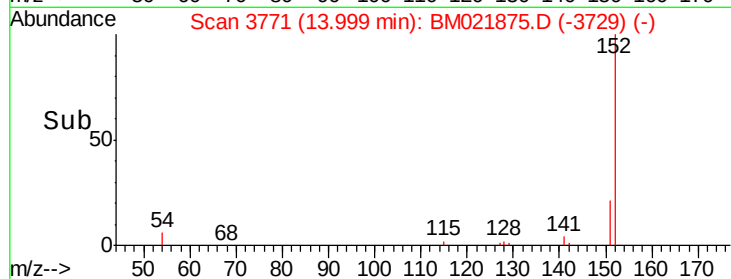
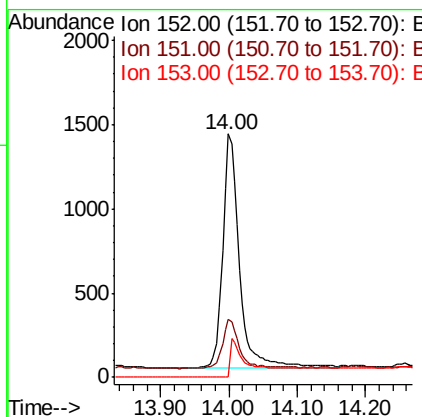
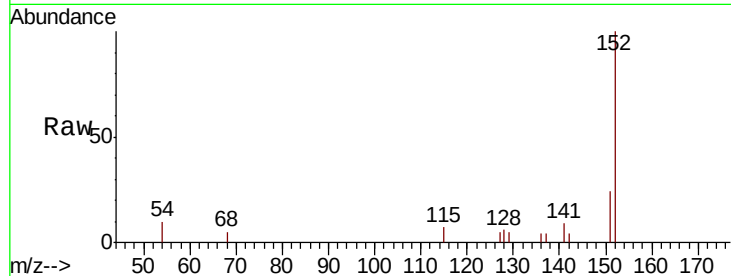
ClientSampleId :

BEP14

Tot Ion:	152	Resp:	2279
Ion Ratio	Lower	Upper	
152	100		
151	23.6	18.3	27.5
153	0.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.114 ng/ul

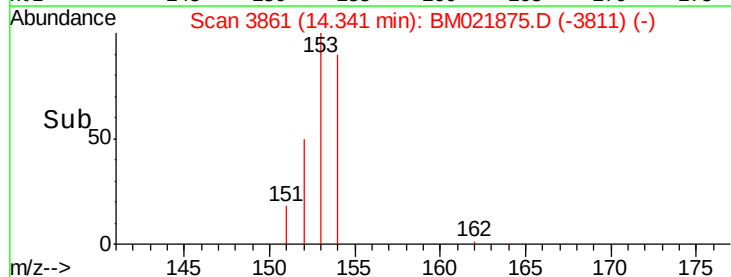
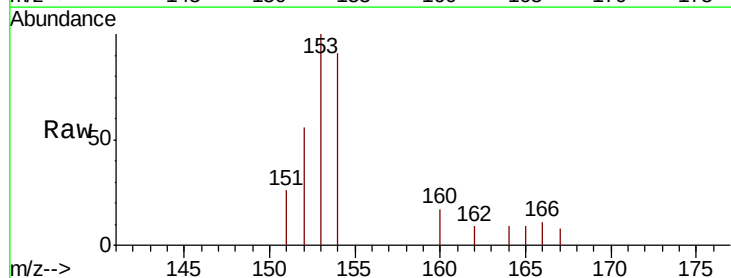
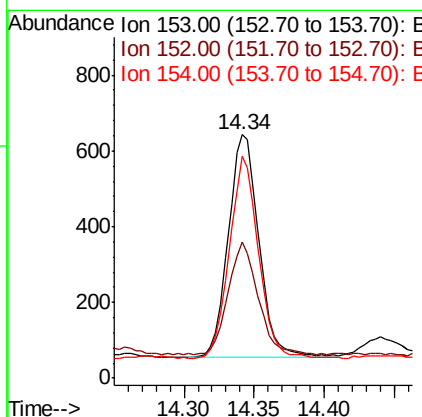
RT: 14.34 min Scan# 3861

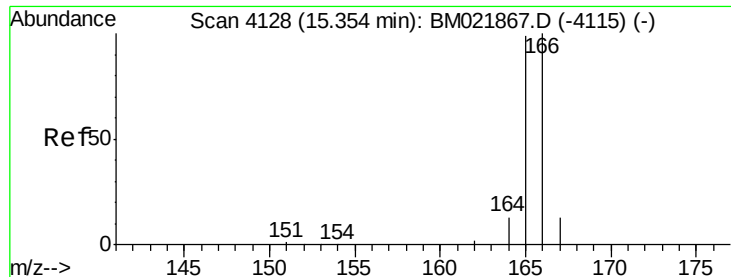
Delta R.T. -0.01 min

Lab File: BM021875.D

Acq: 07 Aug 2019 01:22

Tgt Ion:	153	Resp:	898
Ion Ratio	Lower	Upper	
153	100		
152	55.8	41.3	61.9
154	91.1	72.3	108.5





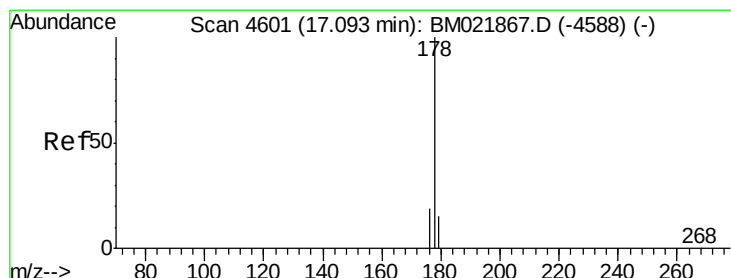
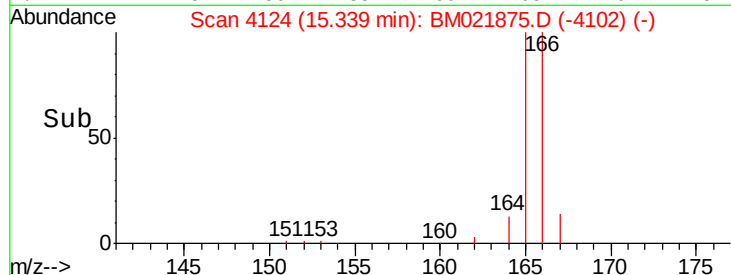
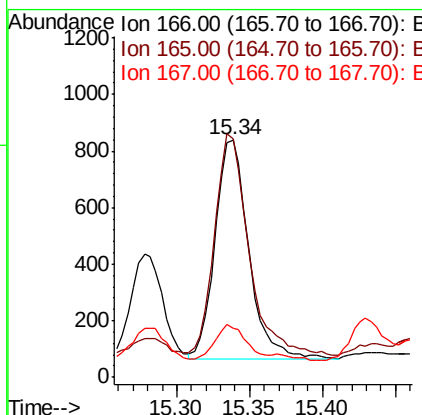
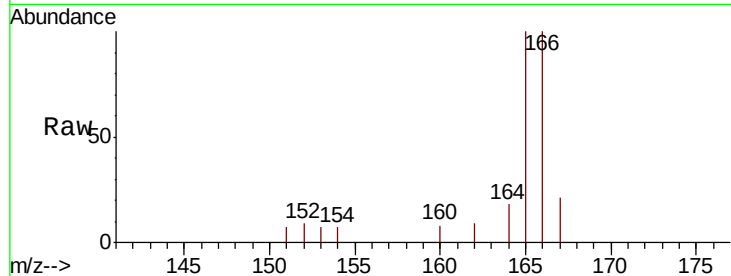
#9
Fluorene
Concen: 0.143 ng/ul
RT: 15.34 min Scan# 4124
Delta R.T. -0.02 min
Lab File: BM021875.D
Acq: 07 Aug 2019 01:22

Instrument :
BNA_M
ClientSampleId :
BEP14

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.2	81.4	122.0
167	20.8	13.7	20.5

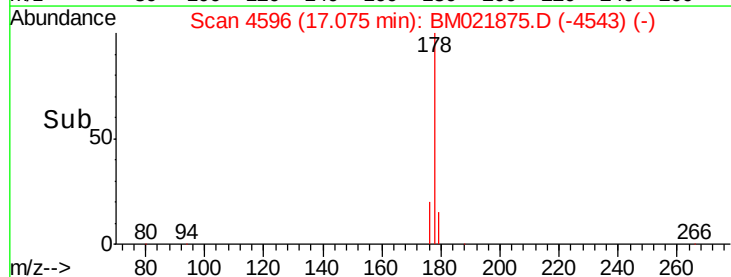
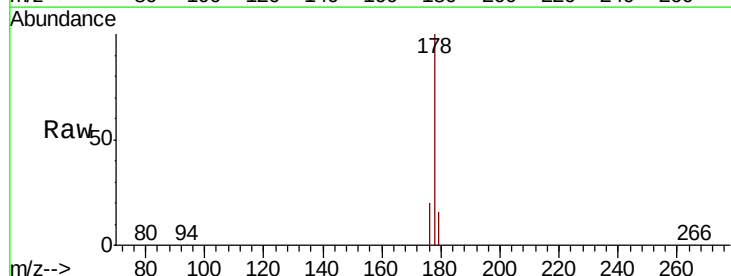
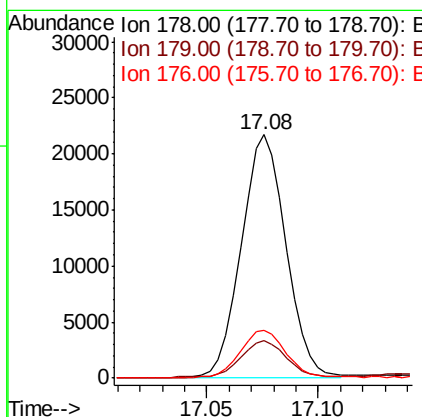
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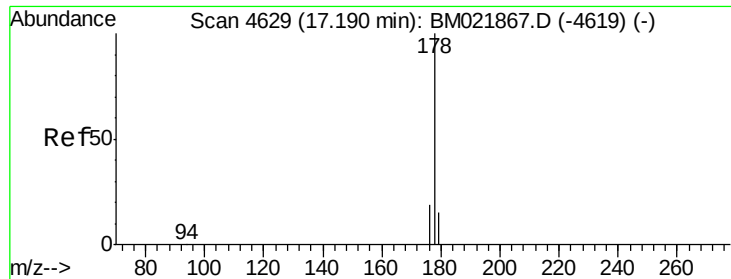
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#12
Phenanthrene
Concen: 2.172 ng/ul m
RT: 17.08 min Scan# 4596
Delta R.T. -0.02 min
Lab File: BM021875.D
Acq: 07 Aug 2019 01:22

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	14.2	21.2
176	19.8	16.8	25.2





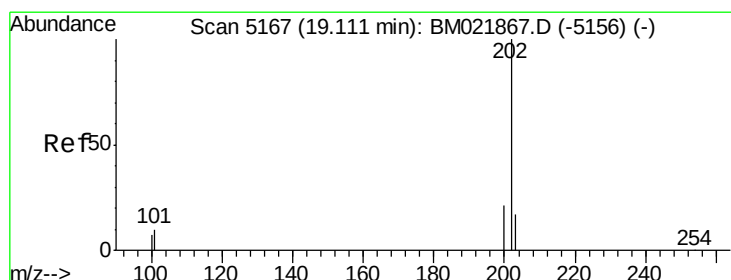
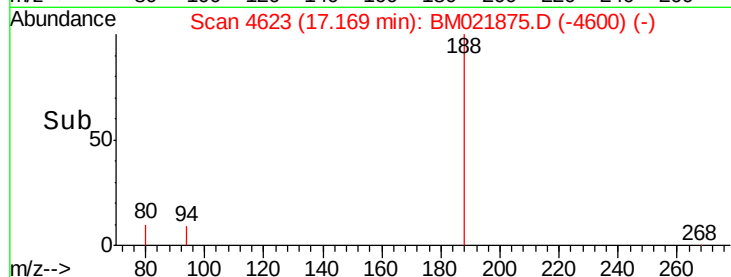
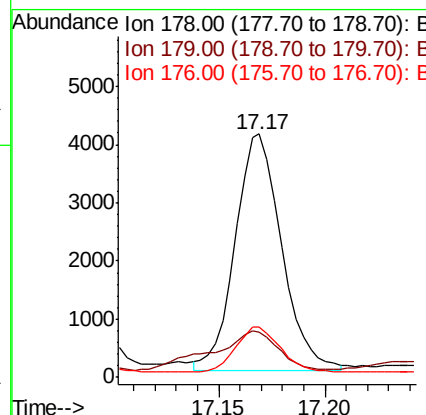
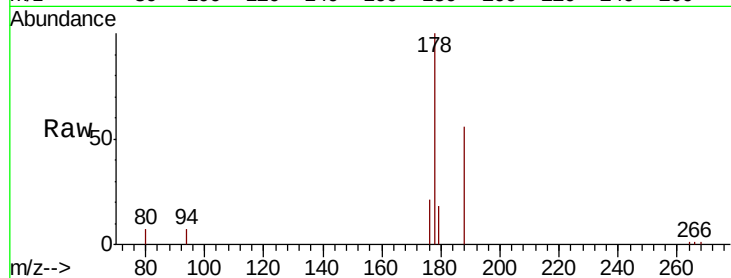
#13
 Anthracene
 Concen: 0.517 ng/ul m
 RT: 17.17 min Scan# 4623
 Delta R.T. -0.02 min
 Lab File: BM021875.D
 Acq: 07 Aug 2019 01:22

Instrument :
 BNA_M
 ClientSampled :
 BEP14

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.3	15.5	23.3
176	20.5	16.6	25.0

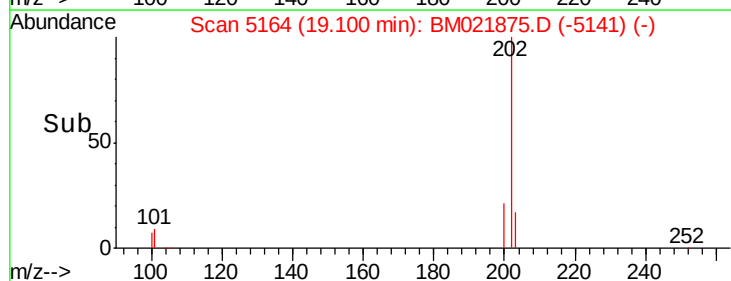
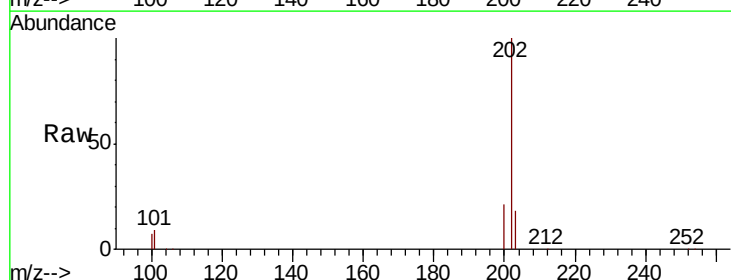
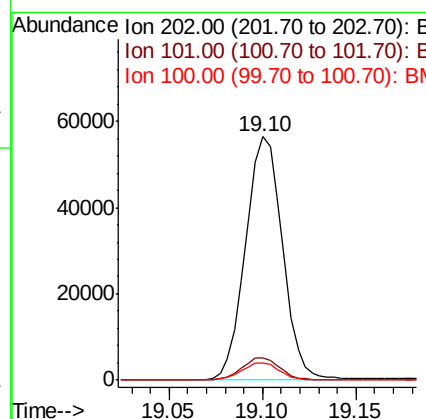
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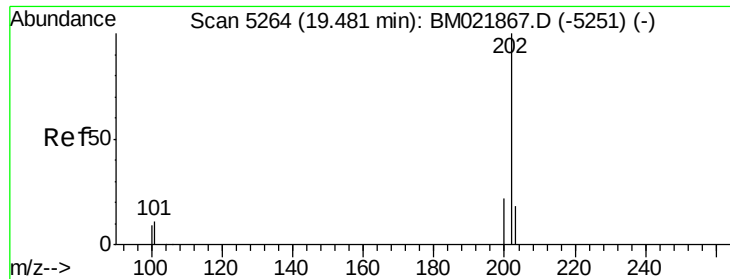
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#15
 Fluoranthene
 Concen: 4.135 ng/ul m
 RT: 19.10 min Scan# 5164
 Delta R.T. -0.01 min
 Lab File: BM021875.D
 Acq: 07 Aug 2019 01:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	30.2
100	7.2	0.0	28.1





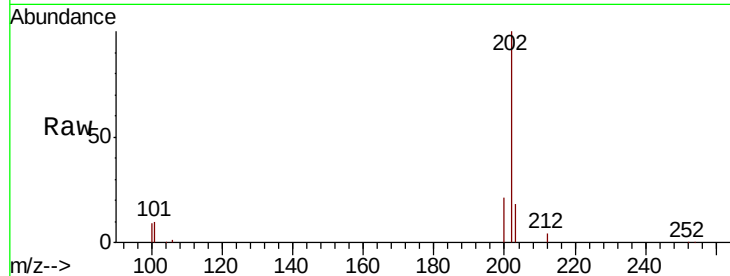
#17
Pvrene
Concen: 3.791 ng/ul
RT: 19.47 min Scan# 5260
Delta R.T. -0.02 min
Lab File: BM021875.D
Acq: 07 Aug 2019 01:22

Instrument :
BNA_M
ClientSampleId :
BEP14

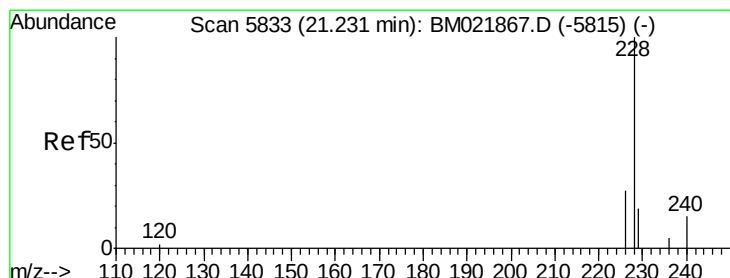
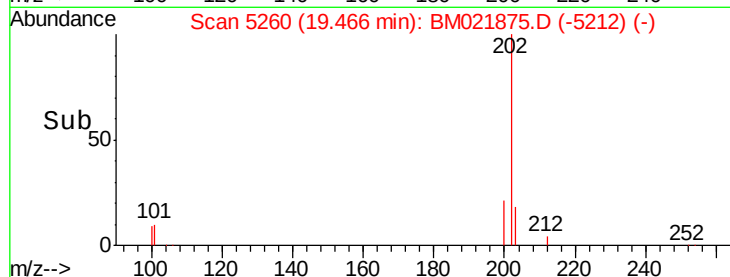
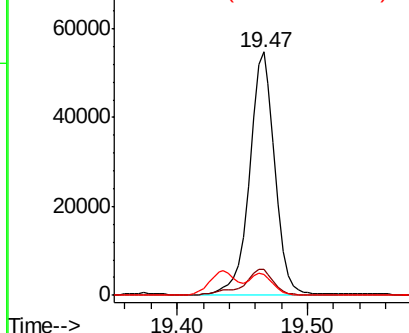
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.3	12.5
100	8.6	7.2	10.8

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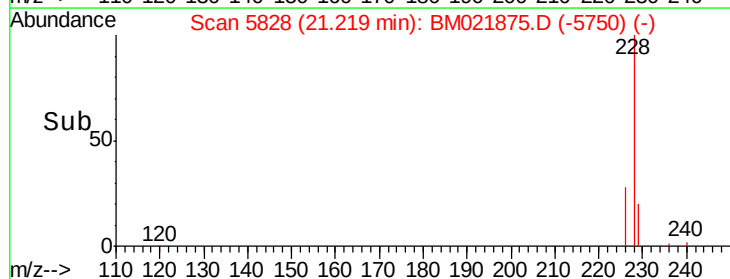
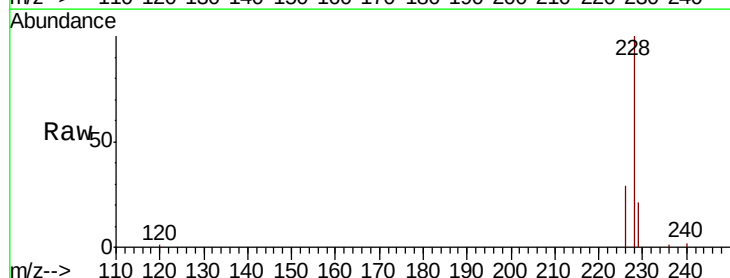
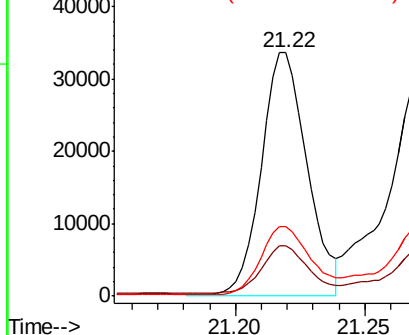
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

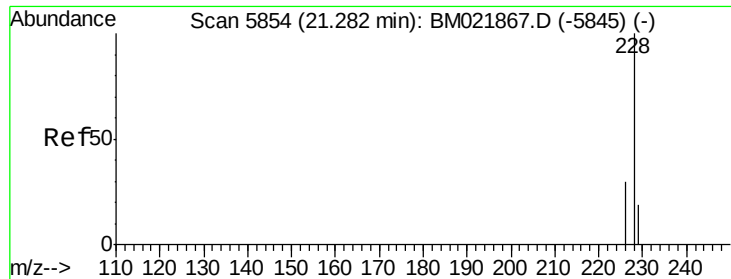


#18
Benzo(a)anthracene
Concen: 2.457 ng/ul m
RT: 21.22 min Scan# 5828
Delta R.T. -0.01 min
Lab File: BM021875.D
Acq: 07 Aug 2019 01:22

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	17.2	25.8
226	28.6	22.6	34.0

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: 2.213 ng/ul

RT: 21.27 min Scan# 5850

Delta R.T. -0.01 min

Lab File: BM021875.D

Acq: 07 Aug 2019 01:22

Instrument :

BNA_M

ClientSampleId :

BEP14

Tot Ion:228 Resp: 47946

Ion Ratio Lower Upper

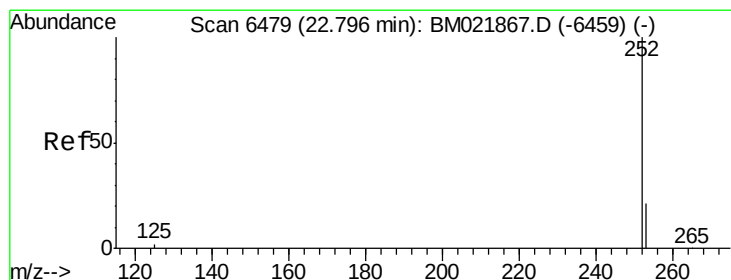
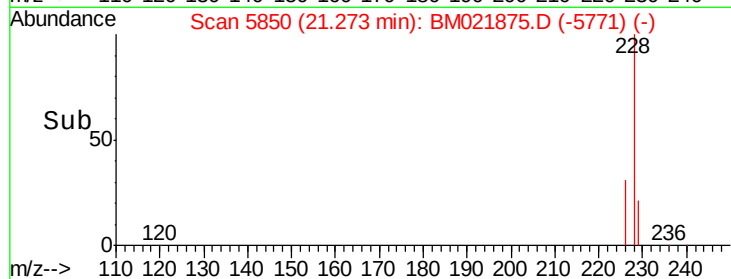
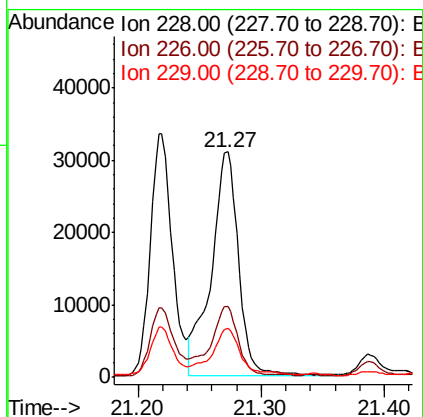
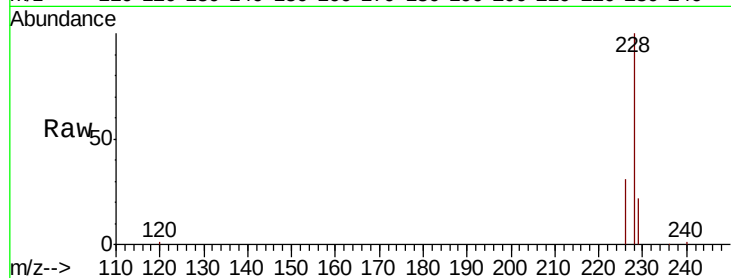
228 100

226 31.2 24.9 37.3

229 21.6 16.6 25.0

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#21

Benzo(b)fluoranthene

Concen: 3.550 ng/ul m

RT: 22.79 min Scan# 6476

Delta R.T. -0.01 min

Lab File: BM021875.D

Acq: 07 Aug 2019 01:22

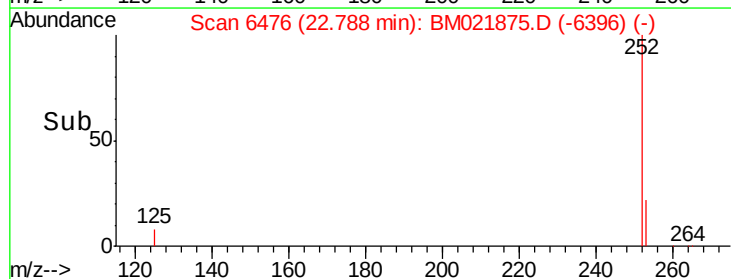
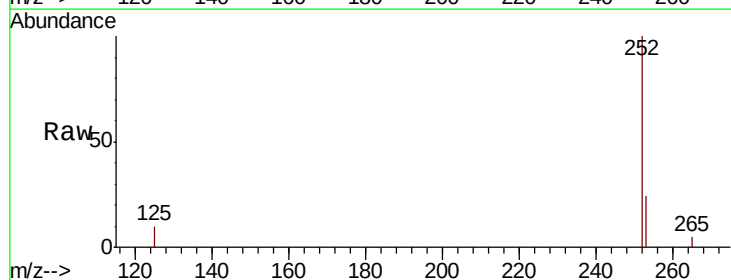
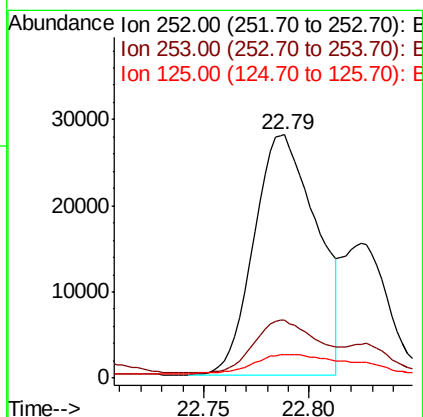
Tgt Ion:252 Resp: 58485

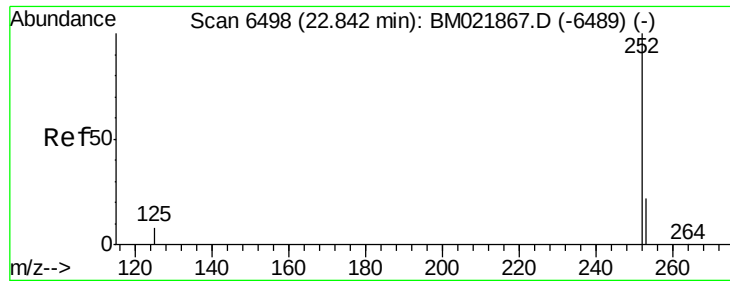
Ion Ratio Lower Upper

252 100

253 23.9 0.0 67.4

125 9.7 0.0 31.0





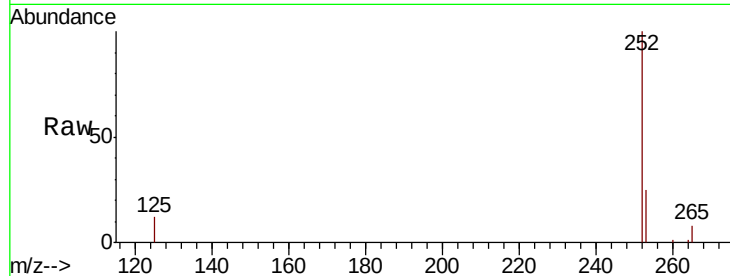
#22
Benzo(k)fluoranthene
Concen: 1.224 ng/ul m
RT: 22.82 min Scan# 6491
Delta R.T. -0.02 min
Lab File: BM021875.D
Acq: 07 Aug 2019 01:22

Instrument :
BNA_M
ClientSampleId :
BEP14

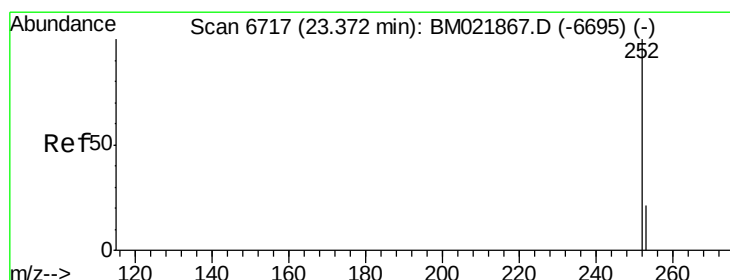
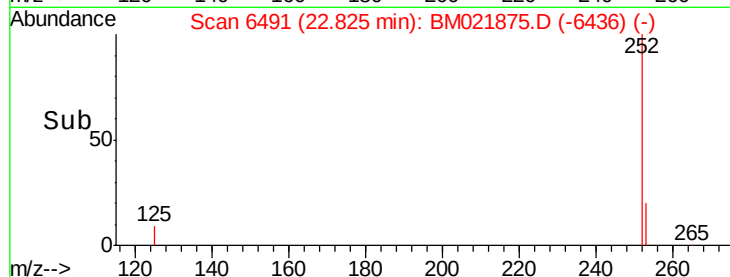
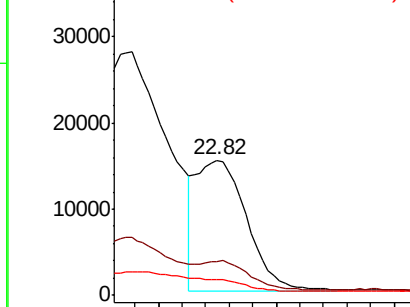
Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	27.0	40.4#
125	12.0	12.2	18.2#

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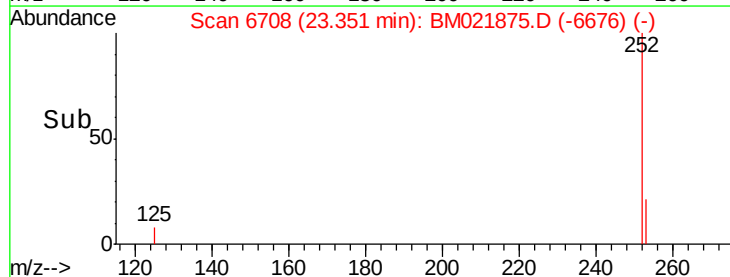
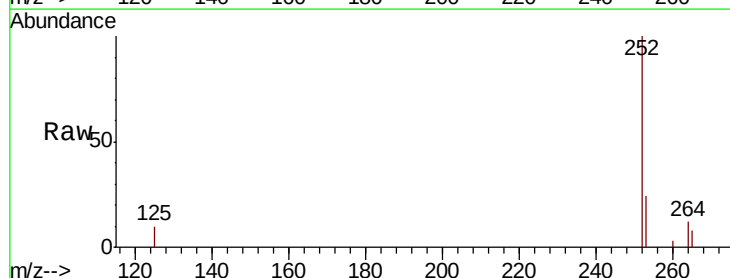
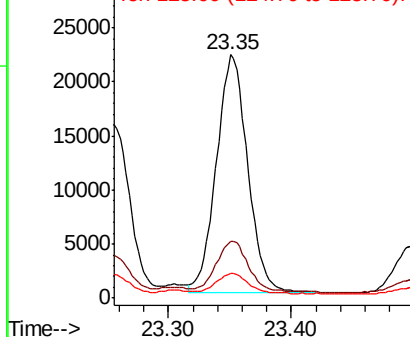
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

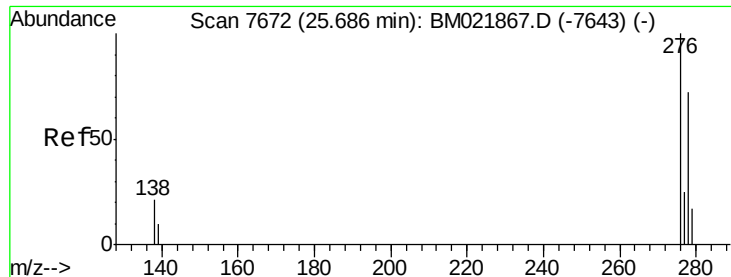


#23
Benzo(a)pyrene
Concen: 2.326 ng/ul
RT: 23.35 min Scan# 6708
Delta R.T. -0.02 min
Lab File: BM021875.D
Acq: 07 Aug 2019 01:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	31.7	47.5#
125	10.1	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





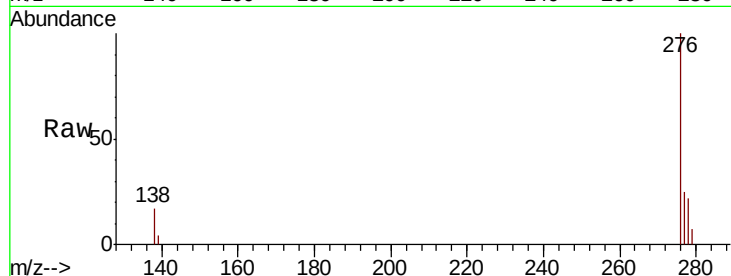
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.409 ng/ul
 RT: 25.66 min Scan# 7663
 Delta R.T. -0.02 min
 Lab File: BM021875.D
 Acq: 07 Aug 2019 01:22

Instrument :
 BNA_M
 ClientSampleId :
 BEP14

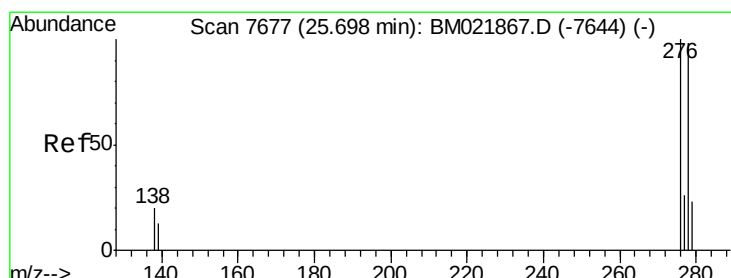
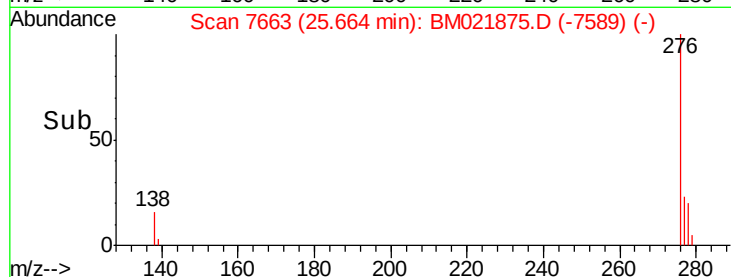
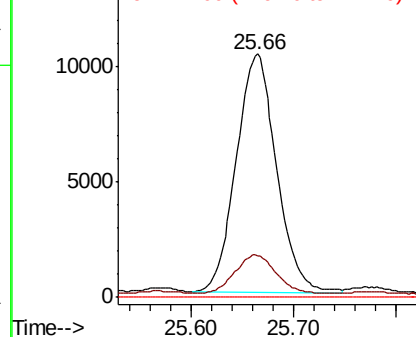
Tot Ion	Ratio	Lower	Upper
276	100		
138	16.6	15.1	22.7
227	0.0	0.0	0.0

Manual Integrations
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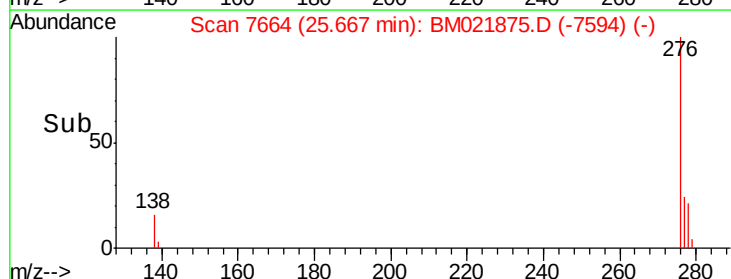
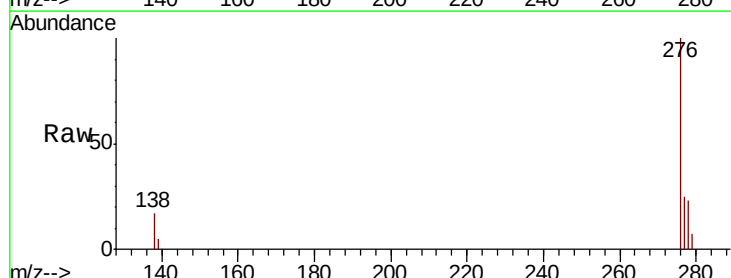
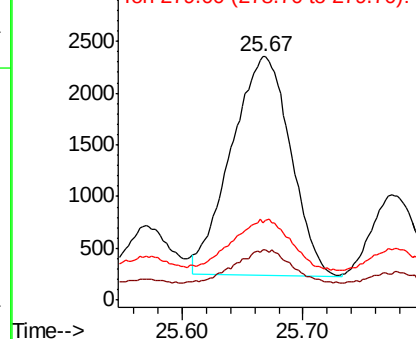
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

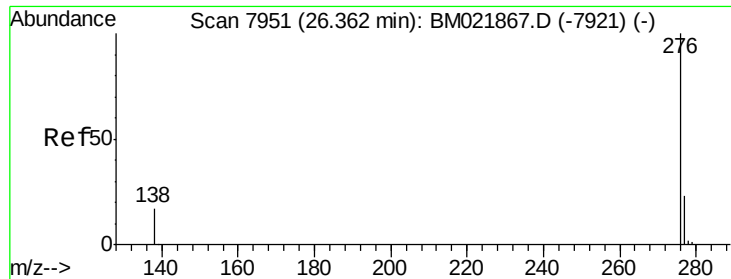


#25
 Dibenzo(a,h)anthracene
 Concen: 0.447 ng/ul
 RT: 25.67 min Scan# 7664
 Delta R.T. -0.03 min
 Lab File: BM021875.D
 Acq: 07 Aug 2019 01:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.5	14.2	21.2
279	31.6	28.3	42.5

Abundance Ion 278.00 (277.70 to 278.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E





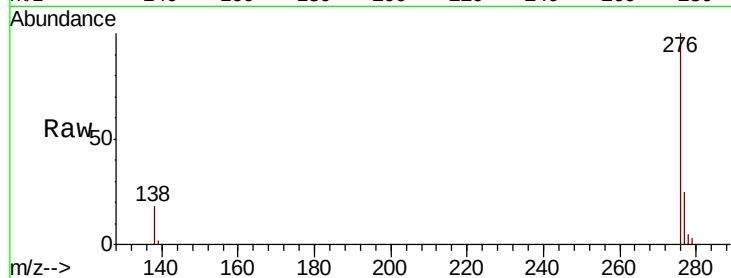
#26
 Benzo(a,h,i)perylene
 Concen: 1.293 ng/ul
 RT: 26.35 min Scan# 7945
 Delta R.T. -0.01 min
 Lab File: BM021875.D
 Acq: 07 Aug 2019 01:22

Instrument :
 BNA_M
 ClientSampleId :
 BEP14

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.7	15.5	23.3
277	25.2	21.4	32.2

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

