

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080619\
 Data File : BM021884.D
 Acq On : 07 Aug 2019 07:26
 Operator : HP/JU
 Sample : K3893-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP16

Manual Integrations
 APPROVED

mohammad
 8/7/2019 12:13:54 PM

Quant Time: Aug 07 08:53:52 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	878	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	3620	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	2113	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.03	188	5613m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	5408m	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	5599m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1510	0.25	ng/ul	-0.03
14) Fluoranthene-d10	19.07	212	4472m	0.24	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.46	128	3982	0.389	ng/ul	96
5) 2-Methylnaphthalene	12.08	142	2753	0.404	ng/ul	99
7) Acenaphthylene	14.00	152	14468	1.468	ng/ul#	82
8) Acenaphthene	14.34	153	2624	0.325	ng/ul	98
9) Fluorene	15.33	166	3947	0.441	ng/ul	99
12) Phenanthrene	17.08	178	75991m	4.653	ng/ul	
13) Anthracene	17.17	178	22132m	1.589	ng/ul	
15) Fluoranthene	19.10	202	229003m	10.467	ng/ul	
17) Pyrene	19.47	202	184731	8.313	ng/ul	97
18) Benzo(a)anthracene	21.22	228	124614	6.442	ng/ul	99
19) Chrysene	21.27	228	125708	5.053	ng/ul	98
21) Benzo(b)fluoranthene	22.79	252	191877m	10.163	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	70153m	3.283	ng/ul	
23) Benzo(a)pyrene	23.36	252	120873m	6.295	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.67	276	99581m	4.344	ng/ul	
25) Dibenzo(a,h)anthracene	25.67	278	25751m	1.390	ng/ul	
26) Benzo(a,h,i)perylene	26.35	276	79371m	3.845	ng/ul	

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

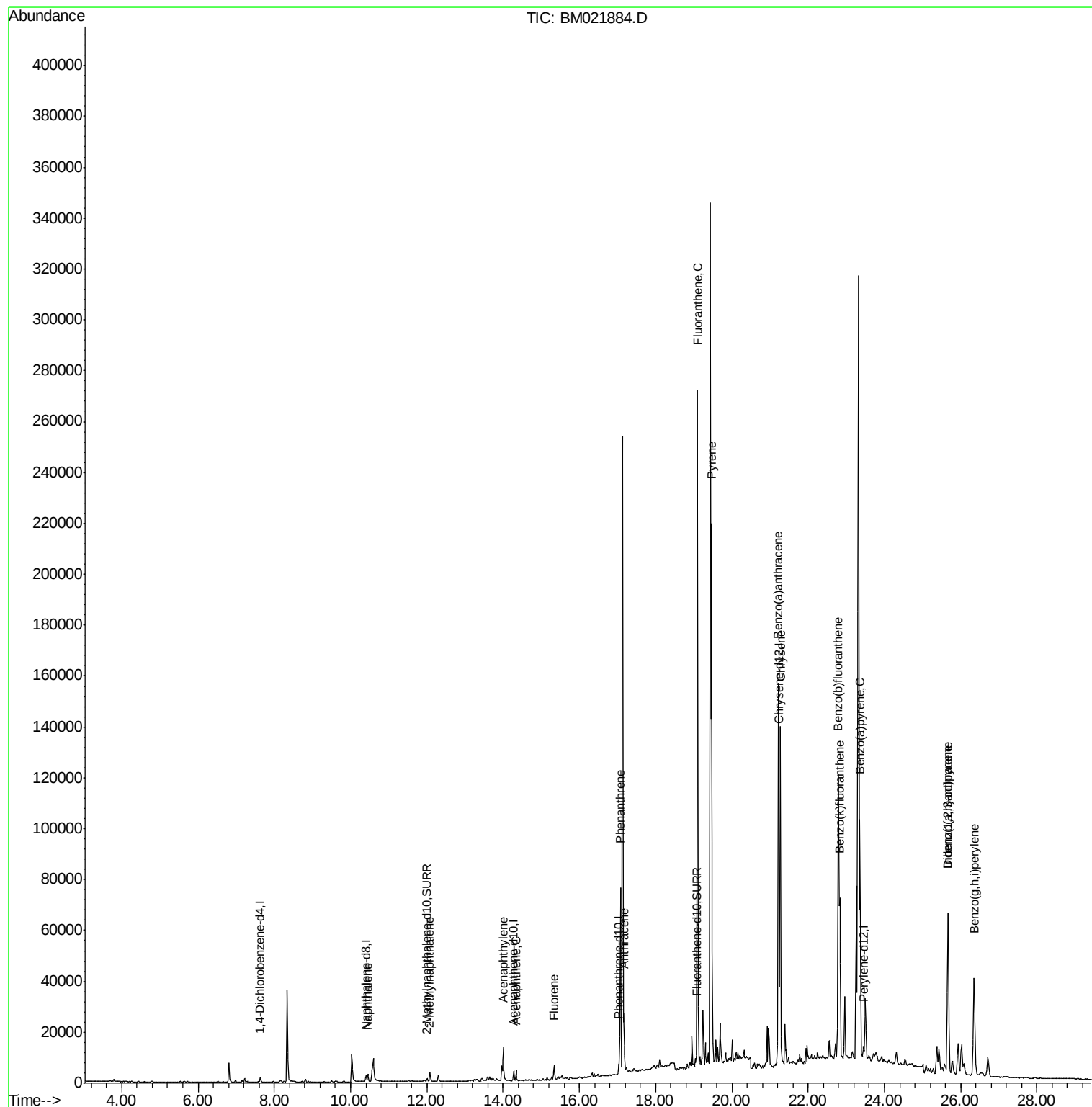
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080619\
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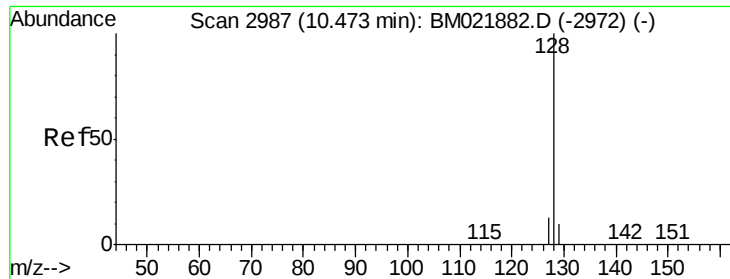
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
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QLast Update : Wed Aug 07 08:28:11 2019
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#3

Naphthalene

Concen: 0.389 ng/ul

RT: 10.46 min Scan# 2983

Delta R.T. -0.02 min

Lab File: BM021884.D

Acq: 07 Aug 2019 07:26

Instrument :

BNA_M

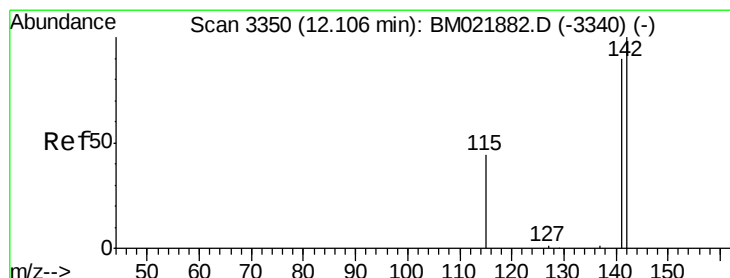
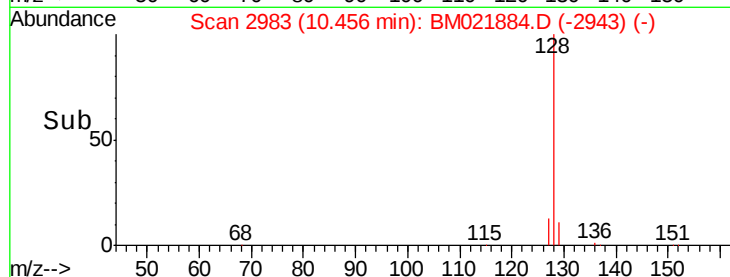
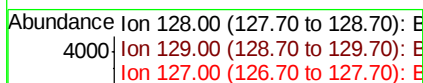
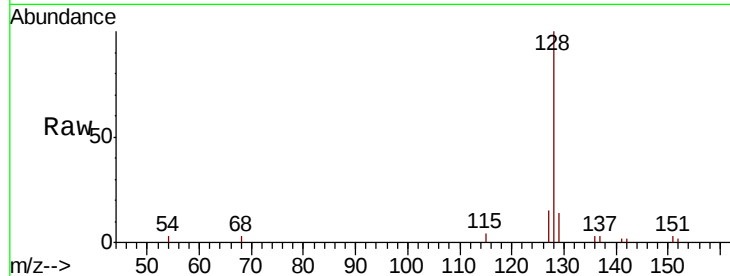
ClientSampleId :

BEP16

Tot Ion:	128	Resp:	3982
Ion	Ratio	Lower	Upper
128	100		
129	13.6	12.3	18.5
127	14.7	13.0	19.6

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#5

2-Methylnaphthalene

Concen: 0.404 ng/ul

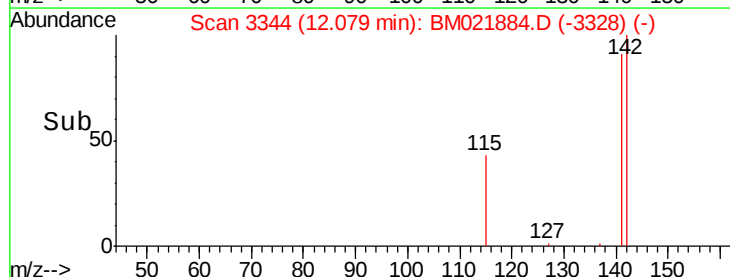
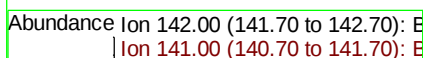
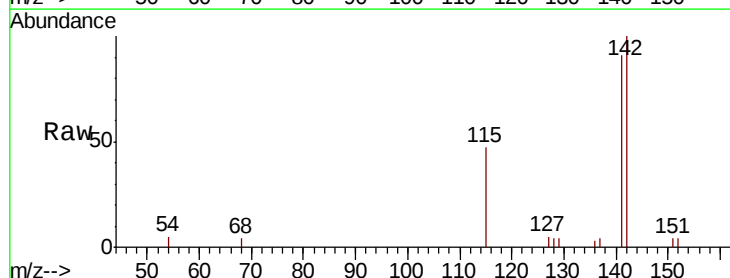
RT: 12.08 min Scan# 3344

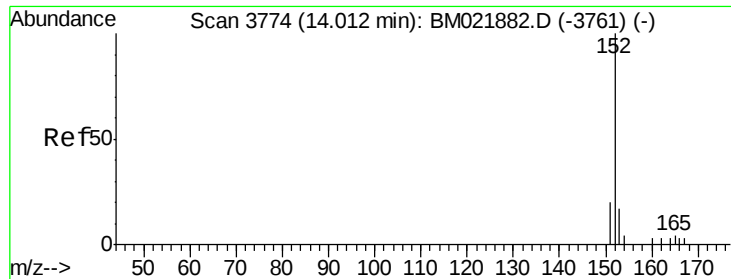
Delta R.T. -0.03 min

Lab File: BM021884.D

Acq: 07 Aug 2019 07:26

Tgt Ion:	142	Resp:	2753
Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.3	111.5





#7

Acenaphthylene

Concen: 1.468 ng/ul

RT: 14.00 min Scan# 3771

Delta R.T. -0.01 min

Lab File: BM021884.D

Acq: 07 Aug 2019 07:26

Instrument :

BNA_M

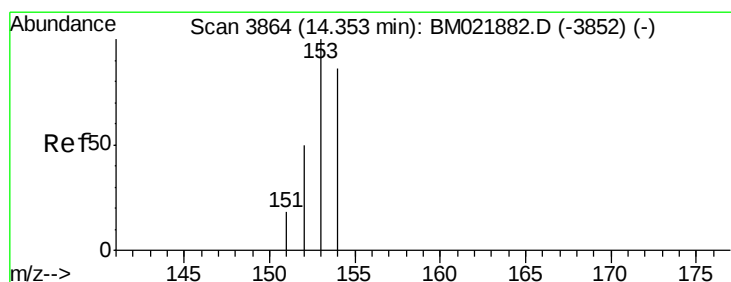
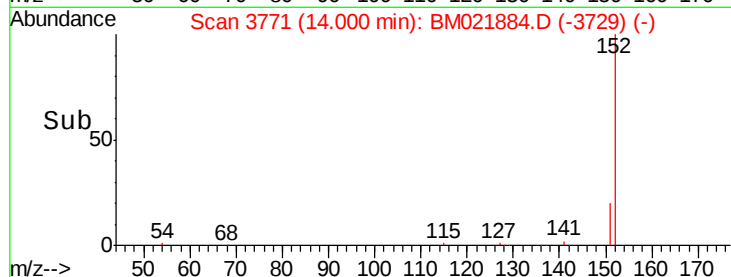
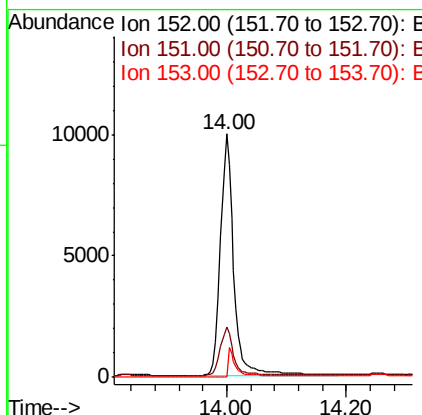
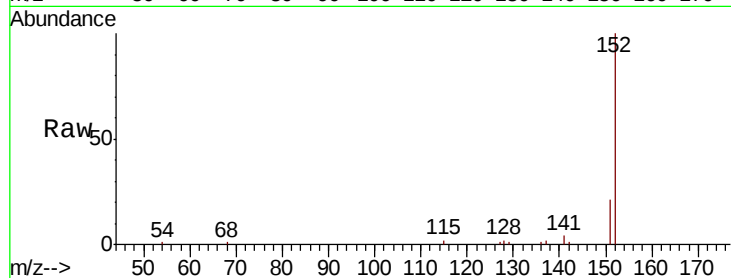
ClientSampled :

BEP16

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.6	18.3	27.5
153	0.0	12.8	19.2

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#8

Acenaphthene

Concen: 0.325 ng/ul

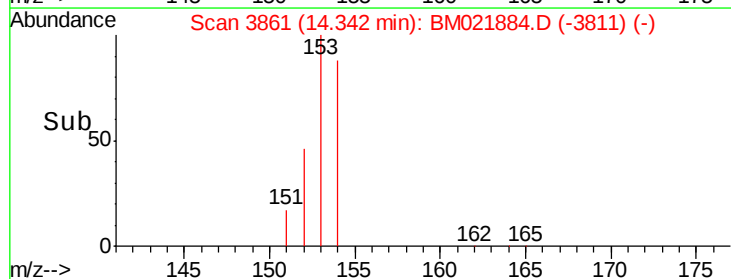
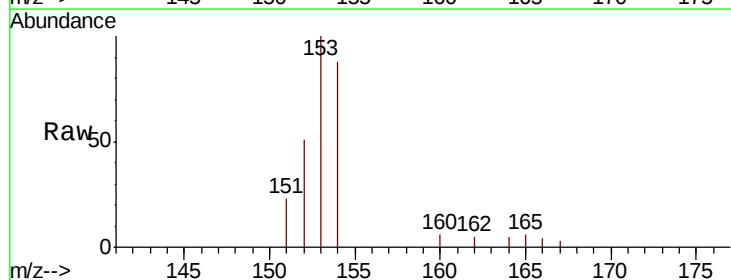
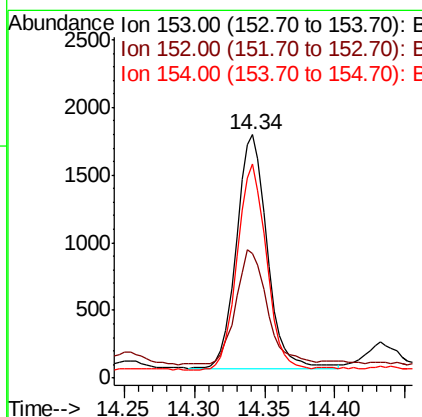
RT: 14.34 min Scan# 3861

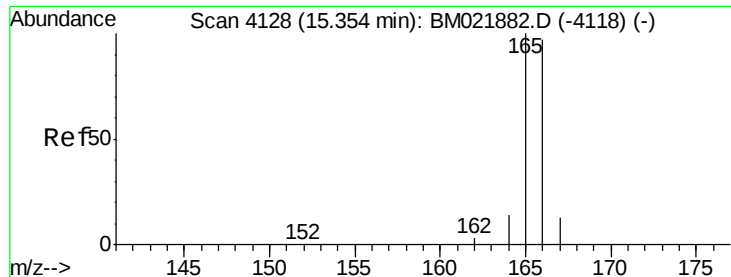
Delta R.T. -0.01 min

Lab File: BM021884.D

Acq: 07 Aug 2019 07:26

Tgt Ion	Ratio	Lower	Upper
153	100		
152	51.3	41.3	61.9
154	87.8	72.3	108.5





#9

Fluorene

Concen: 0.441 ng/ul

RT: 15.33 min Scan# 4123

Delta R.T. -0.02 min

Lab File: BM021884.D

Acq: 07 Aug 2019 07:26

Instrument :

BNA_M

ClientSampleId :

BEP16

Tot Ion:166 Resp: 3947

Ion Ratio Lower Upper

166 100

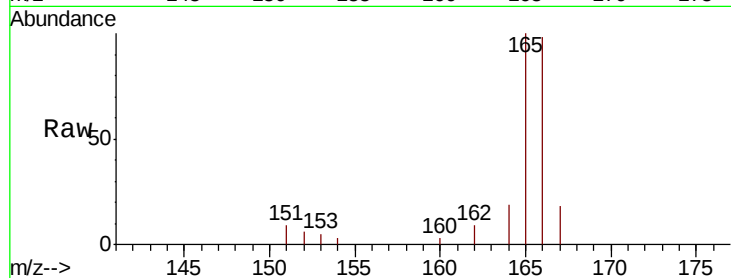
165 102.0 81.4 122.0

167 18.1 13.7 20.5

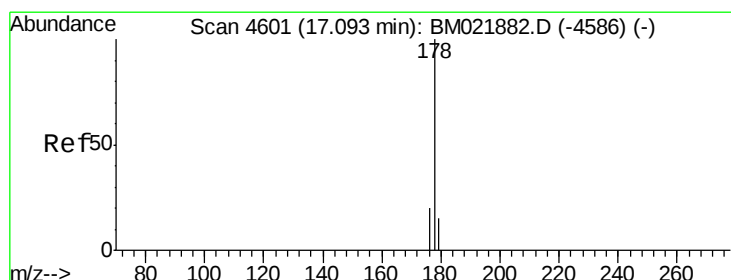
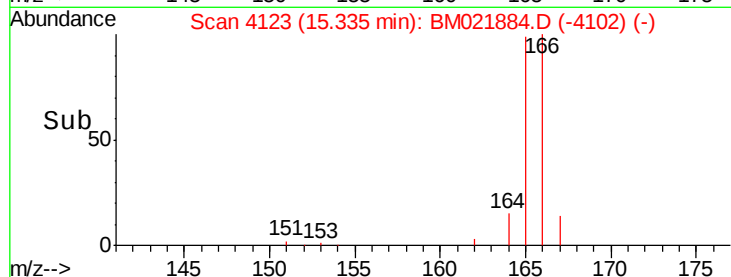
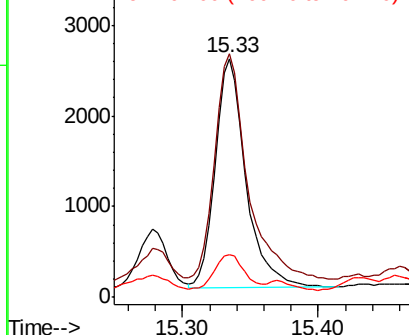
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#12

Phenanthrene

Concen: 4.653 ng/ul m

RT: 17.08 min Scan# 4596

Delta R.T. -0.02 min

Lab File: BM021884.D

Acq: 07 Aug 2019 07:26

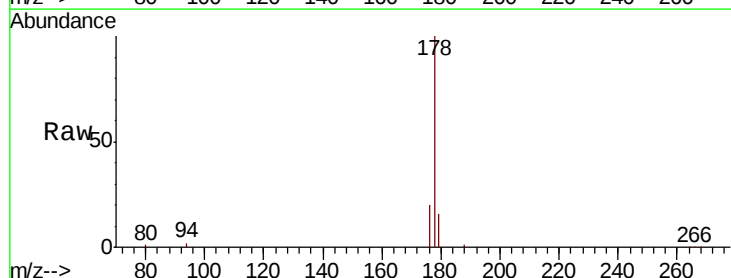
Tgt Ion:178 Resp: 75991

Ion Ratio Lower Upper

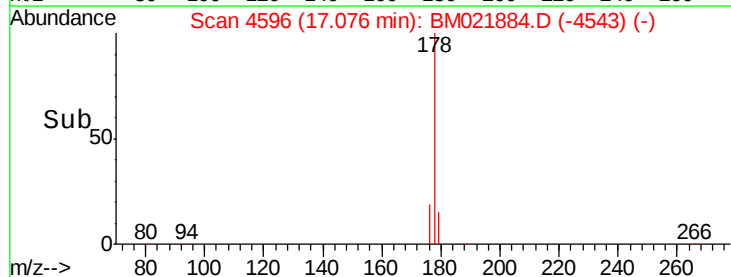
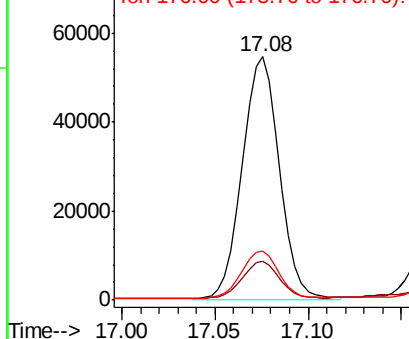
178 100

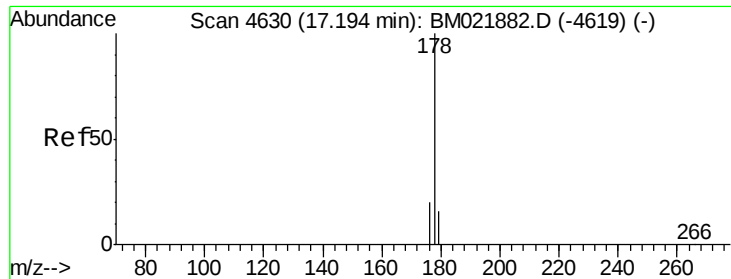
179 15.9 14.2 21.2

176 20.1 16.8 25.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





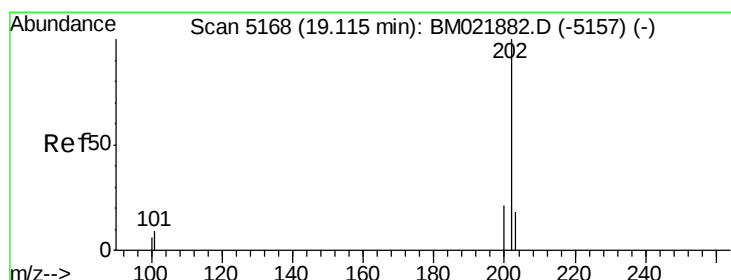
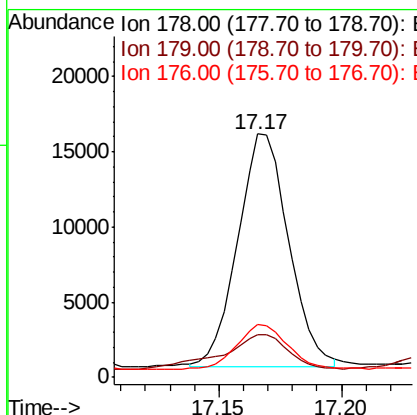
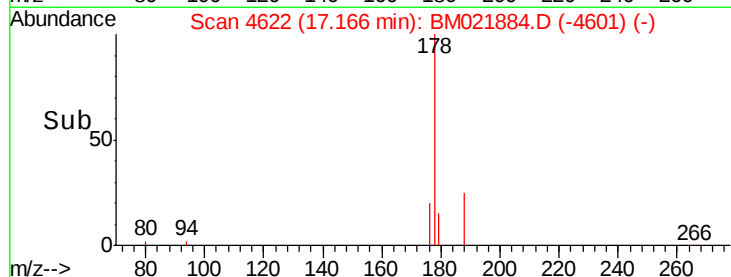
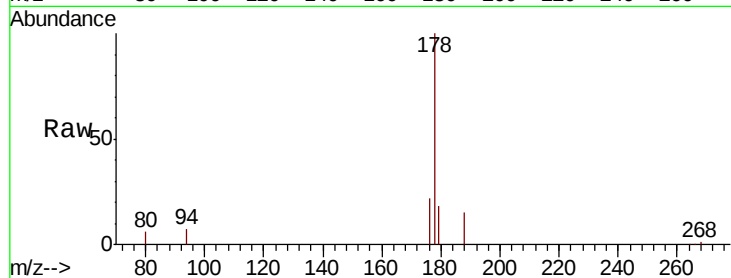
#13
 Anthracene
 Concen: 1.589 ng/ul m
 RT: 17.17 min Scan# 4622
 Delta R.T. -0.03 min
 Lab File: BM021884.D
 Acq: 07 Aug 2019 07:26

Instrument :
 BNA_M
 ClientSampleId :
 BEP16

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.8	15.5	23.3
176	21.6	16.6	25.0

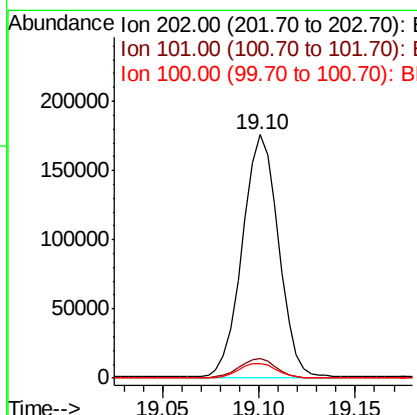
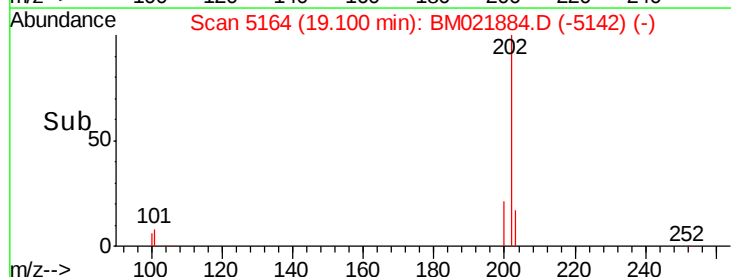
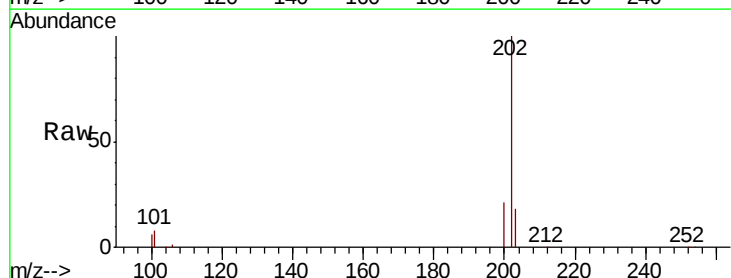
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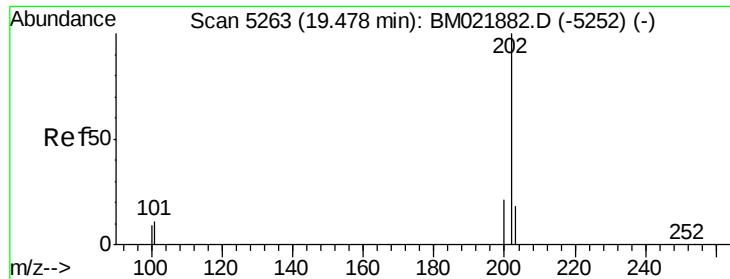
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#15
 Fluoranthene
 Concen: 10.467 ng/ul m
 RT: 19.10 min Scan# 5164
 Delta R.T. -0.02 min
 Lab File: BM021884.D
 Acq: 07 Aug 2019 07:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	30.2
100	6.1	0.0	28.1





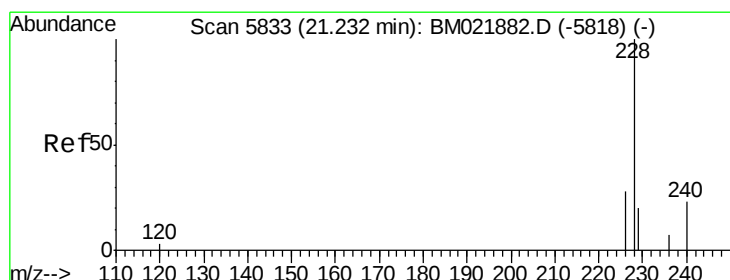
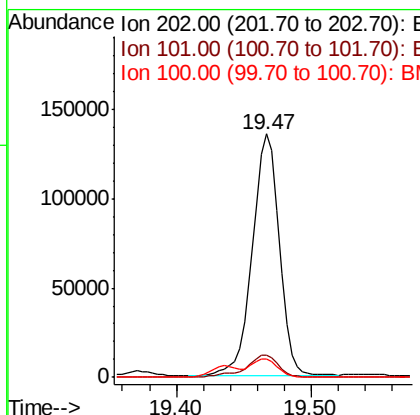
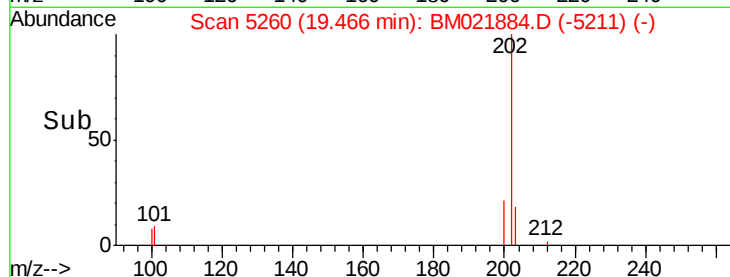
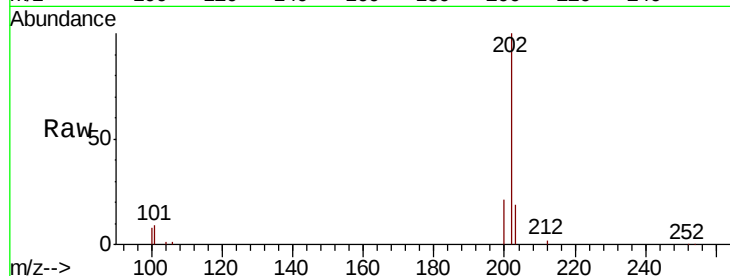
#17
Pvrene
Concen: 8.313 ng/ul
RT: 19.47 min Scan# 5260
Delta R.T. -0.01 min
Lab File: BM021884.D
Acq: 07 Aug 2019 07:26

Instrument :
BNA_M
ClientSampleId :
BEP16

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.4	8.3	12.5
100	7.7	7.2	10.8

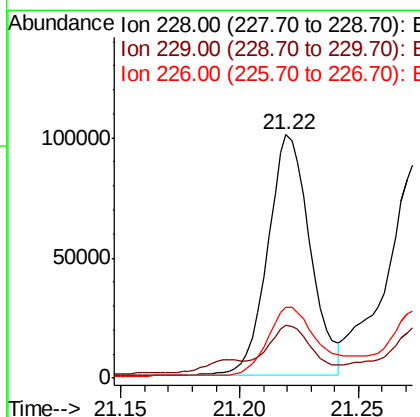
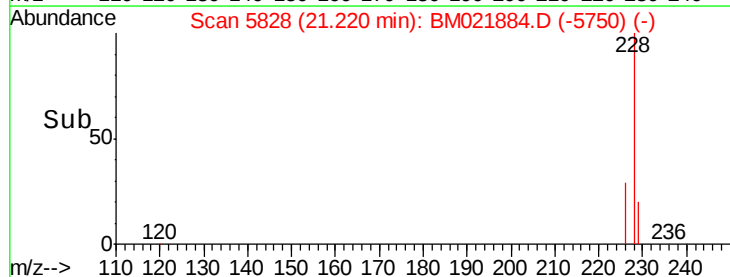
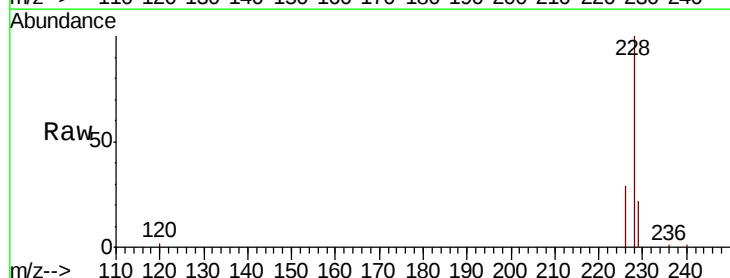
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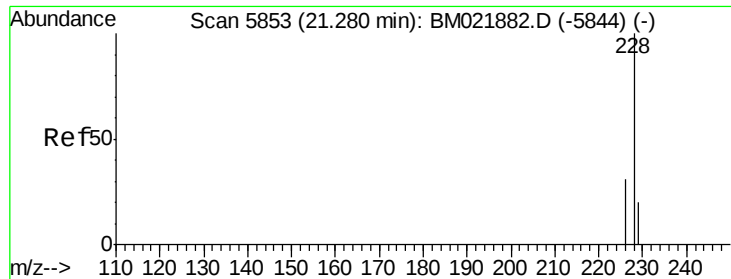
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#18
Benzo(a)anthracene
Concen: 6.442 ng/ul
RT: 21.22 min Scan# 5828
Delta R.T. -0.01 min
Lab File: BM021884.D
Acq: 07 Aug 2019 07:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.9	17.2	25.8
226	29.3	22.6	34.0





#19

Chrysene

Concen: 5.053 ng/ul

RT: 21.27 min Scan# 5850

Delta R.T. -0.01 min

Lab File: BM021884.D

Acq: 07 Aug 2019 07:26

Instrument :

BNA_M

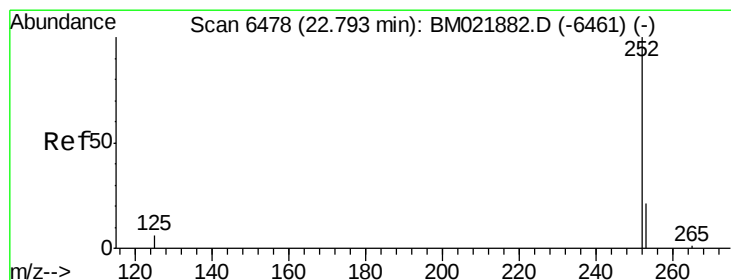
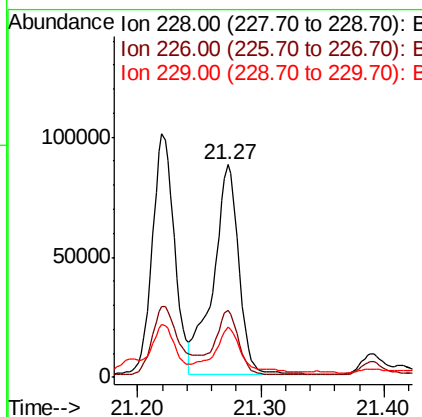
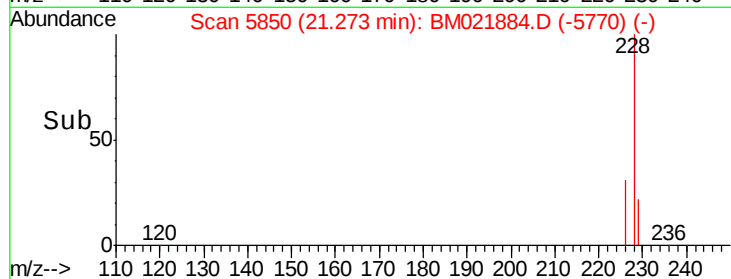
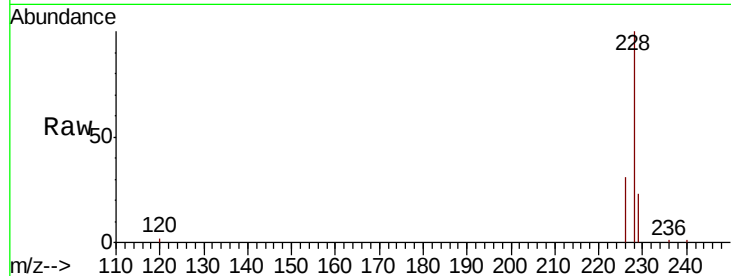
ClientSampleId :

BEP16

Tot Ion:	228	Resp:	125708
Ion Ratio	Lower	Upper	
228	100		
226	31.3	24.9	37.3
229	23.4	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 10.163 ng/ul m

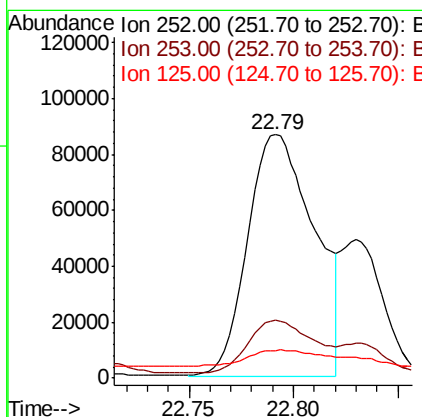
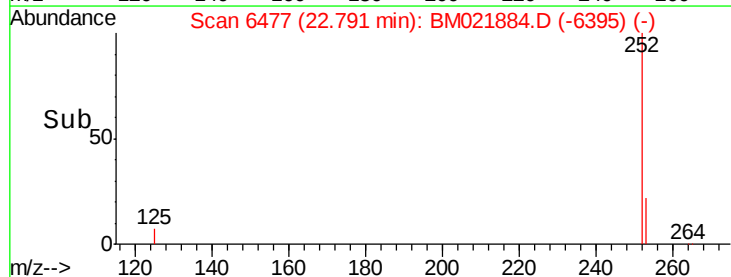
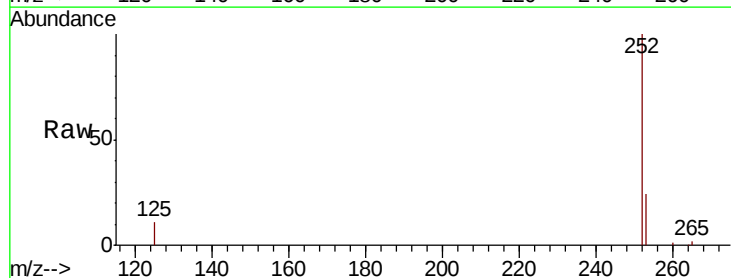
RT: 22.79 min Scan# 6477

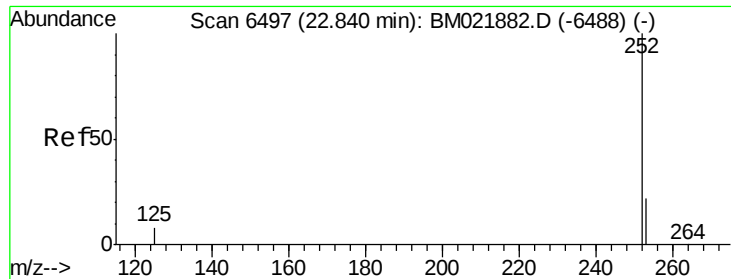
Delta R.T. -0.00 min

Lab File: BM021884.D

Acq: 07 Aug 2019 07:26

Tgt Ion:	252	Resp:	191877
Ion Ratio	Lower	Upper	
252	100		
253	23.8	0.0	67.4
125	11.4	0.0	31.0





#22

Benzo(k)fluoranthene

Concen: 3.283 ng/ul m

RT: 22.83 min Scan# 6493

Delta R.T. -0.01 min

Lab File: BM021884.D

Acq: 07 Aug 2019 07:26

Instrument :

BNA_M

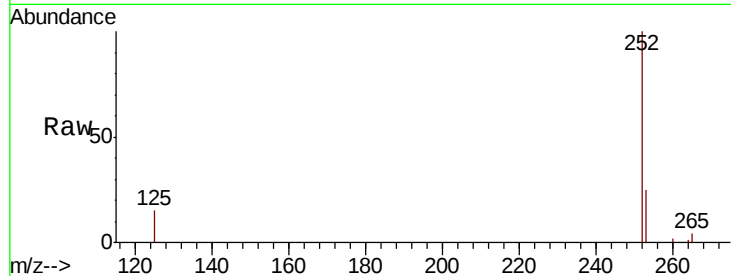
ClientSampled :

BEP16

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	27.0	40.4#
125	15.1	12.2	18.2

Manual Integrations
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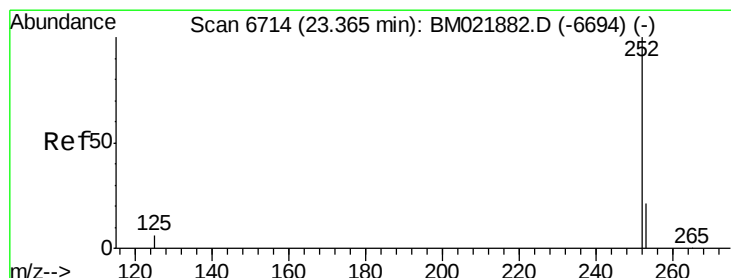
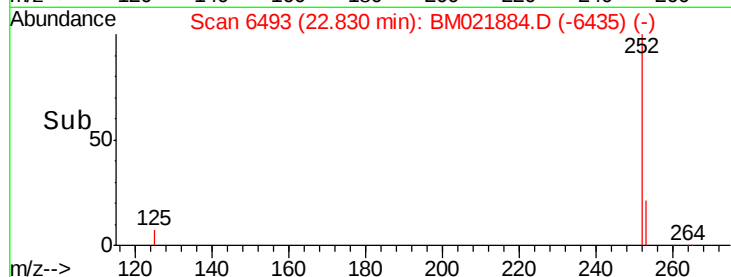
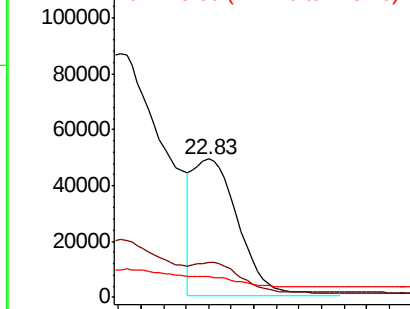


Abundance

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: 6.295 ng/ul m

RT: 23.36 min Scan# 6711

Delta R.T. -0.01 min

Lab File: BM021884.D

Acq: 07 Aug 2019 07:26

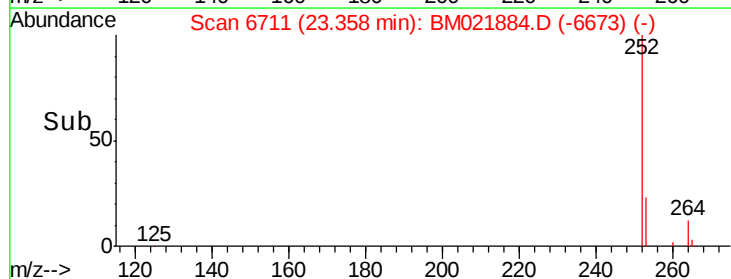
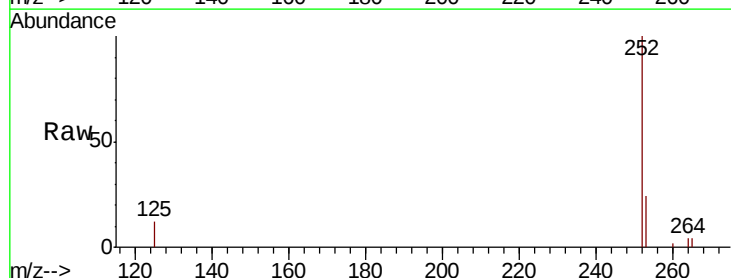
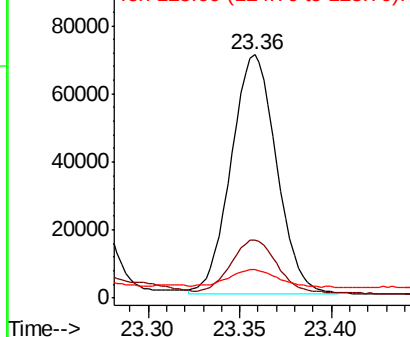
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	31.7	47.5#
125	11.8	14.6	21.8#

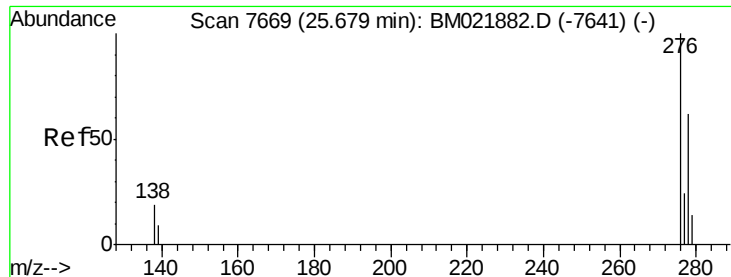
Abundance

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





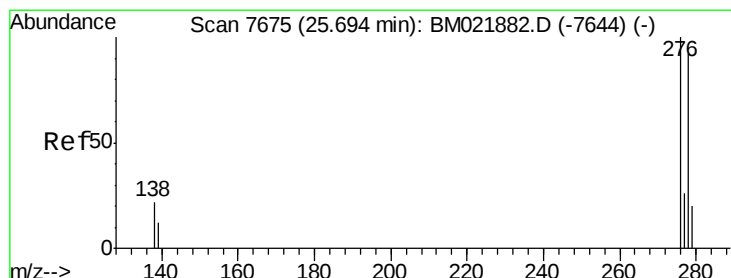
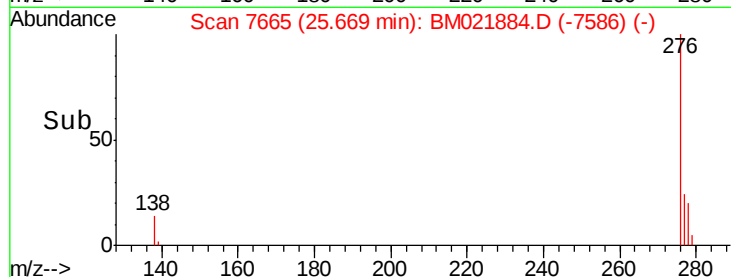
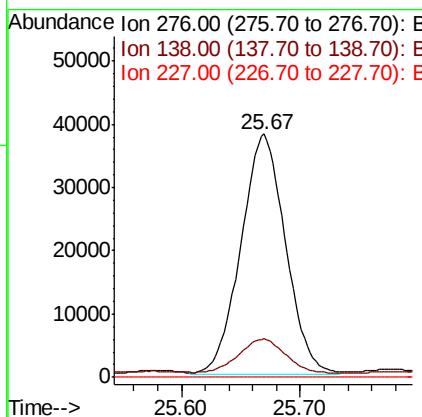
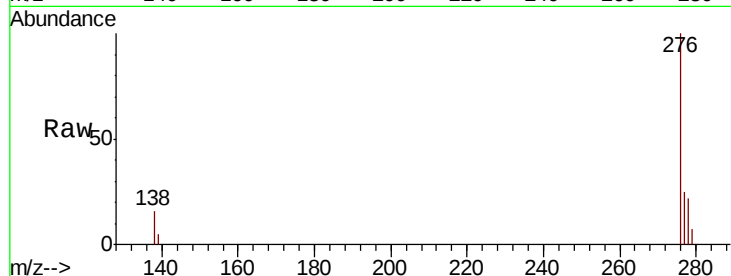
#24
Indeno(1,2,3-cd)pyrene
Concen: 4.344 ng/ul m
RT: 25.67 min Scan# 7665
Delta R.T. -0.01 min
Lab File: BM021884.D
Acq: 07 Aug 2019 07:26

Instrument :
BNA_M
ClientSampled :
BEP16

Tot Ion	Ratio	Lower	Upper
276	100		
138	1.6	15.1	22.7#
227	0.0	0.0	0.0

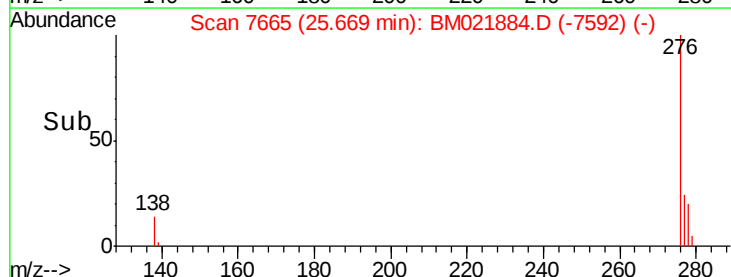
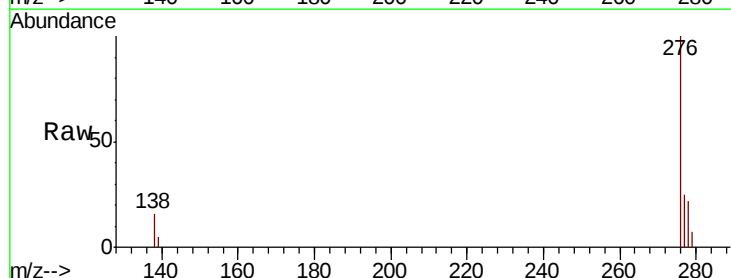
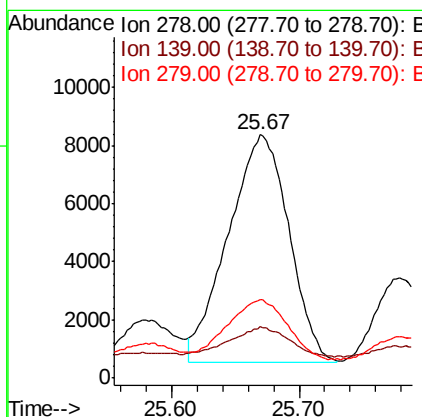
Manual Integrations
APPROVED

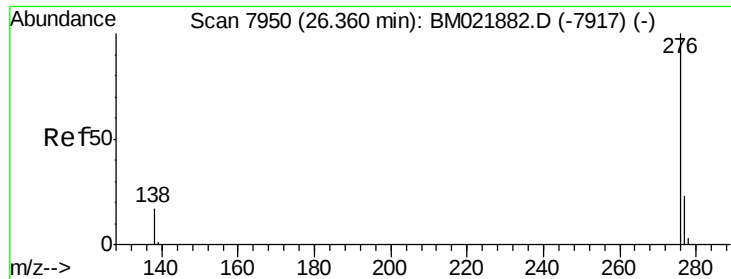
mohammad
8/7/2019 12:13:54 PM



#25
Dibenzo(a,h)anthracene
Concen: 1.390 ng/ul m
RT: 25.67 min Scan# 7665
Delta R.T. -0.02 min
Lab File: BM021884.D
Acq: 07 Aug 2019 07:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.9	14.2	21.2
279	32.2	28.3	42.5





#26
 Benzo(a,h,i)perylene
 Concen: 3.845 ng/ul m
 RT: 26.35 min Scan# 7945
 Delta R.T. -0.01 min
 Lab File: BM021884.D
 Acq: 07 Aug 2019 07:26

Instrument :
 BNA_M
 ClientSampleId :
 BEP16

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.8	15.5	23.3
277	24.8	21.4	32.2

Manual Integrations
 APPROVED

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