

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081519\
 Data File : BM022165.D
 Acq On : 16 Aug 2019 04:19
 Operator : HP/JU
 Sample : K4183-17
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AG4

Manual Integrations
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mohammad
 8/19/2019 10:46:25 AM

Quant Time: Aug 16 15:57:39 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 : Fri Aug 16 14:59:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	821	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.37	136	3291	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.25	164	1878	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	4490m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.21	240	4467m	0.40	ng/ul	-0.02
20) Perylene-d12	23.42	264	4895m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	1011	0.19	ng/ul	-0.04
14) Fluoranthene-d10	19.05	212	2439m	0.16	ng/ul	-0.02
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	6397	0.688	ng/ul#	95
5) 2-Methylnaphthalene	12.04	142	10648	1.719	ng/ul	97
7) Acenaphthylene	13.97	152	3298	0.377	ng/ul#	83
8) Acenaphthene	14.31	153	3273	0.457	ng/ul	97
9) Fluorene	15.31	166	5007	0.629	ng/ul	99
12) Phenanthrene	17.05	178	96725m	7.404	ng/ul	
13) Anthracene	17.14	178	28315m	2.541	ng/ul	
15) Fluoranthene	19.08	202	199949m	11.425	ng/ul	
17) Pyrene	19.44	202	177192	9.653	ng/ul	96
18) Benzo(a)anthracene	21.20	228	85879m	5.375	ng/ul	
19) Chrysene	21.25	228	85665	4.169	ng/ul	95
21) Benzo(b)fluoranthene	22.76	252	110855m	6.716	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	41494m	2.221	ng/ul	
23) Benzo(a)pyrene	23.33	252	79970m	4.764	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.63	276	55522	2.770	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.63	278	14825m	0.915	ng/ul	
26) Benzo(a,h,i)perylene	26.31	276	56221	3.116	ng/ul	97

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

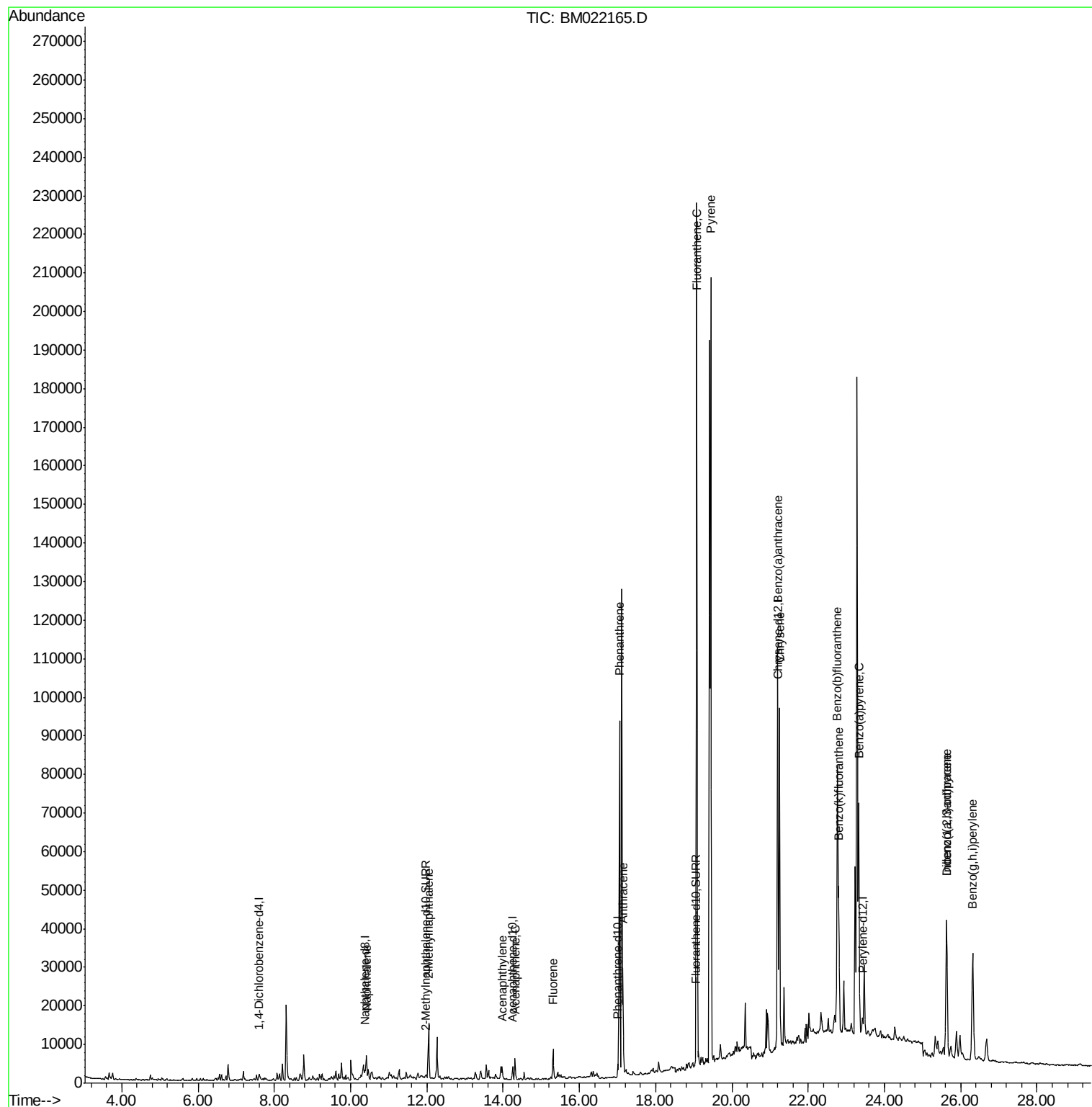
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081519\
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ALS Vial : 20 Sample Multiplier: 1

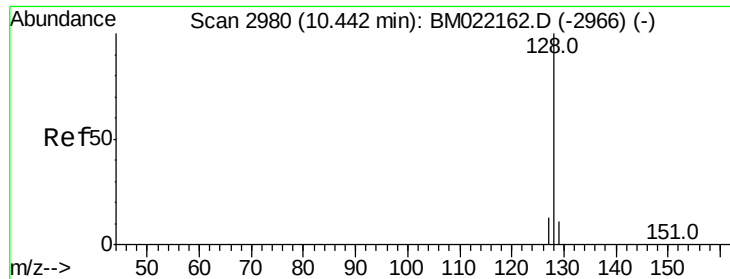
Instrument :
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QLast Update : Fri Aug 16 14:59:47 2019
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#3

Naphthalene

Concen: 0.688 ng/ul

RT: 10.42 min Scan# 2975

Delta R.T. -0.03 min

Lab File: BM022165.D

Acq: 16 Aug 2019 04:19

Instrument :

BNA_M

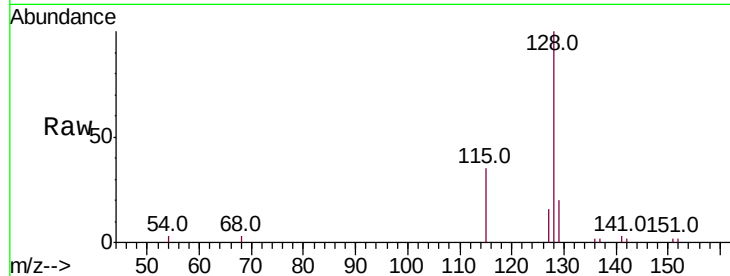
ClientSampleId :

C0AG4

Tot Ion:	128	Resp:	6397
Ion	Ratio	Lower	Upper
128	100		
129	19.6	12.3	18.5#
127	16.3	13.0	19.6

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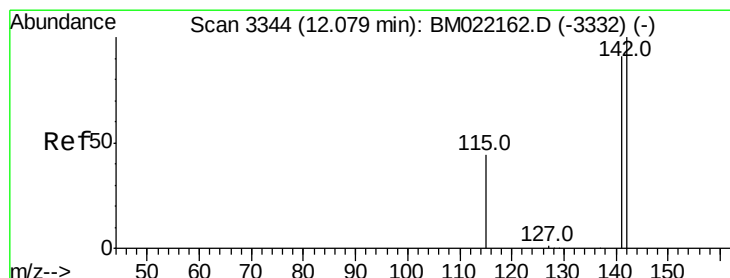
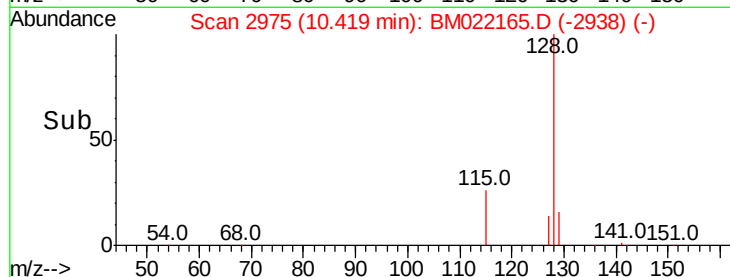
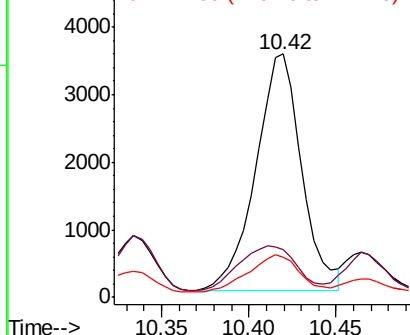


Abundance

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: 1.719 ng/ul

RT: 12.04 min Scan# 3336

Delta R.T. -0.05 min

Lab File: BM022165.D

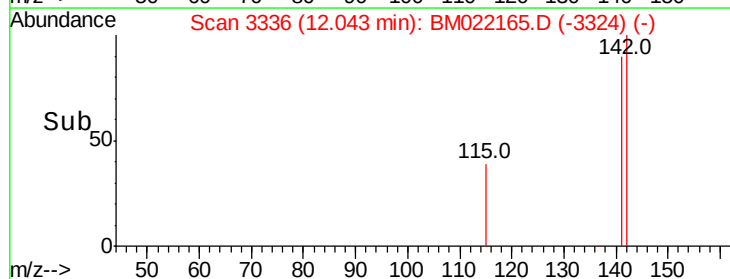
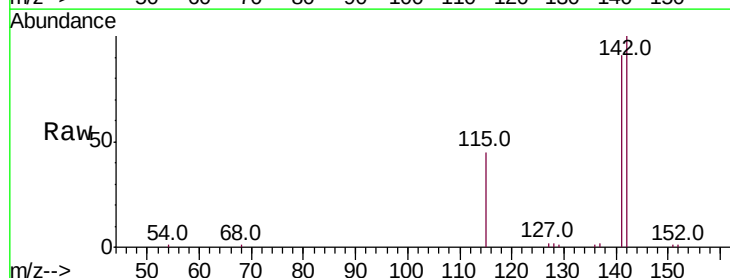
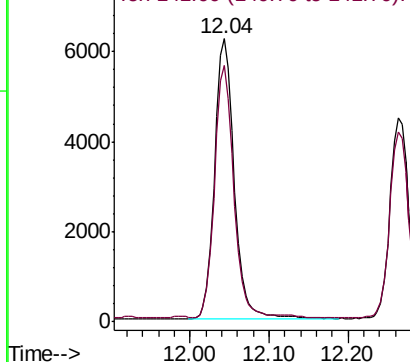
Acq: 16 Aug 2019 04:19

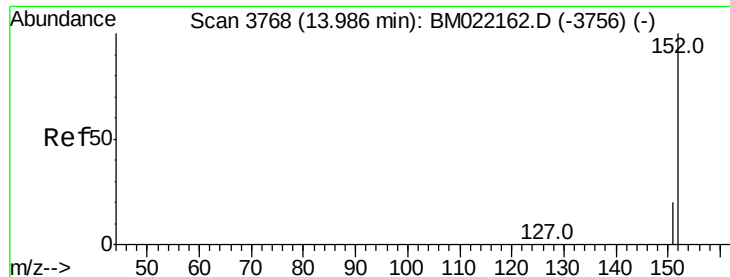
Tgt Ion:	142	Resp:	10648
Ion	Ratio	Lower	Upper
142	100		
141	89.9	74.3	111.5

Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.377 ng/ul

RT: 13.97 min Scan# 3765

Delta R.T. -0.02 min

Lab File: BM022165.D

Acq: 16 Aug 2019 04:19

Instrument :

BNA_M

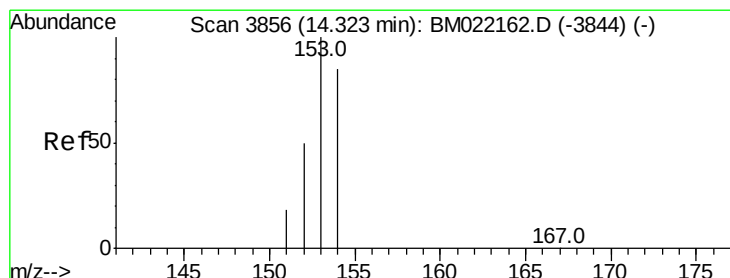
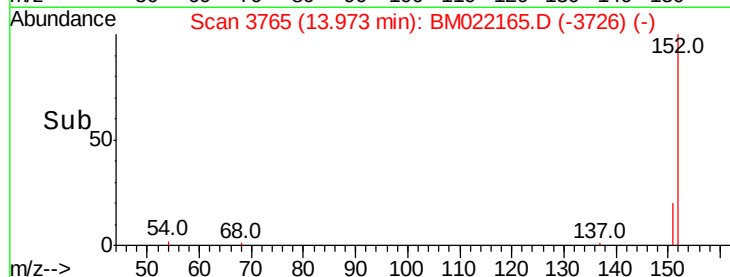
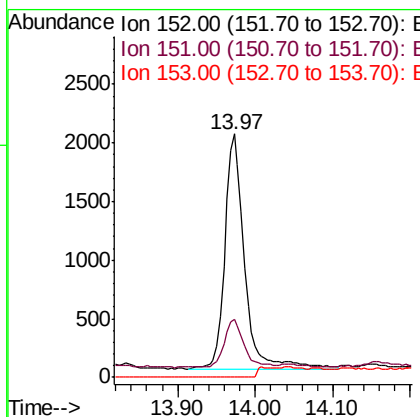
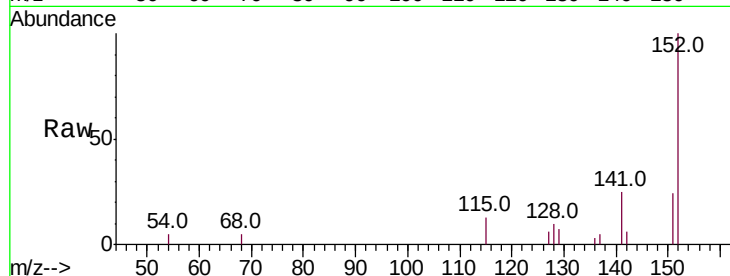
ClientSampleId :

C0AG4

Tot Ion:	152	Resp:	3298
Ion Ratio	Lower	Upper	
152	100		
151	23.9	18.3	27.5
153	0.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.457 ng/ul

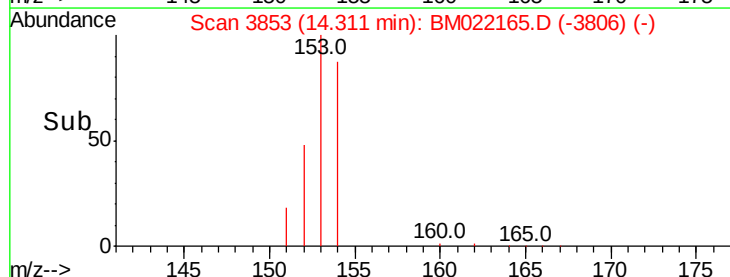
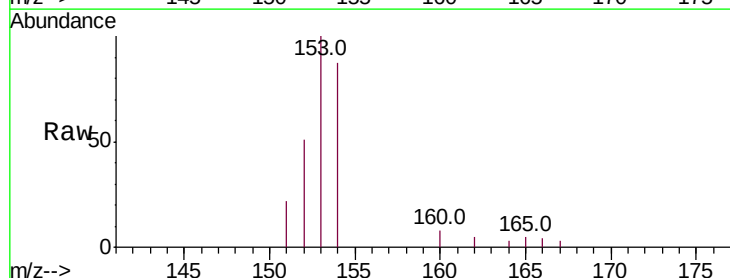
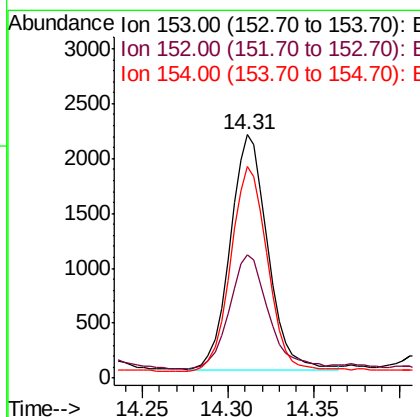
RT: 14.31 min Scan# 3853

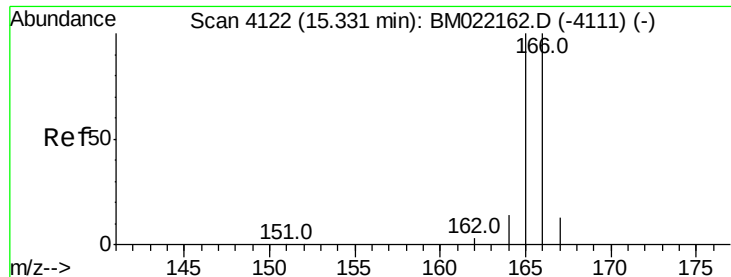
Delta R.T. -0.02 min

Lab File: BM022165.D

Acq: 16 Aug 2019 04:19

Tgt Ion:	153	Resp:	3273
Ion Ratio	Lower	Upper	
153	100		
152	50.7	41.3	61.9
154	87.0	72.3	108.5





#9

Fluorene

Concen: 0.629 ng/ul

RT: 15.31 min Scan# 4116

Delta R.T. -0.03 min

Lab File: BM022165.D

Acq: 16 Aug 2019 04:19

Instrument :

BNA_M

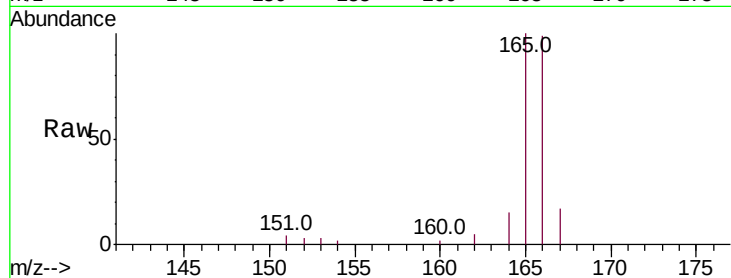
ClientSampleId :

C0AG4

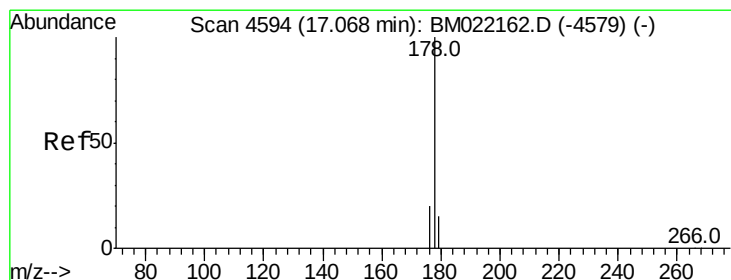
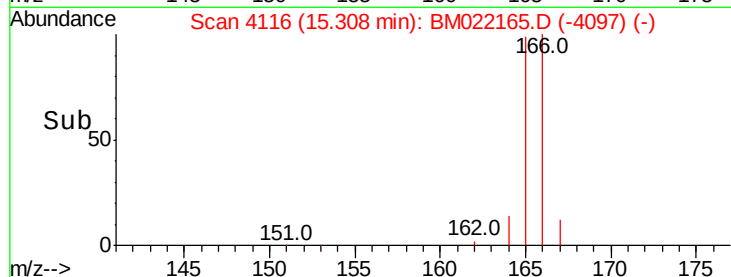
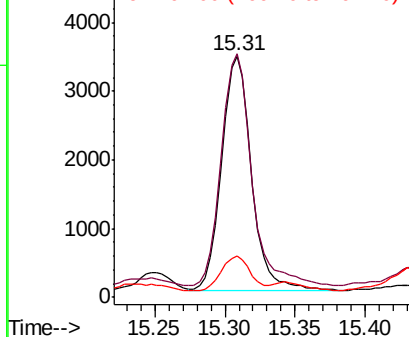
Tot Ion:	166	Resp:	5007
Ion Ratio	Lower	Upper	
166	100		
165	101.0	81.4	122.0
167	17.1	13.7	20.5

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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: 7.404 ng/ul m

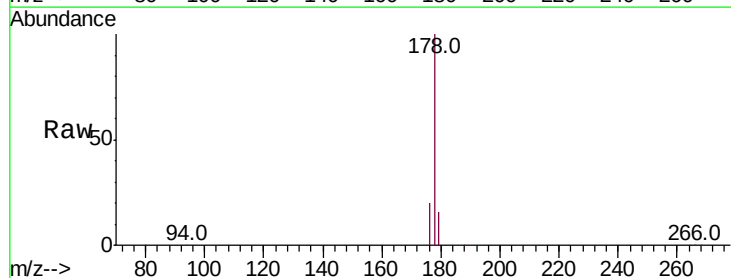
RT: 17.05 min Scan# 4588

Delta R.T. -0.03 min

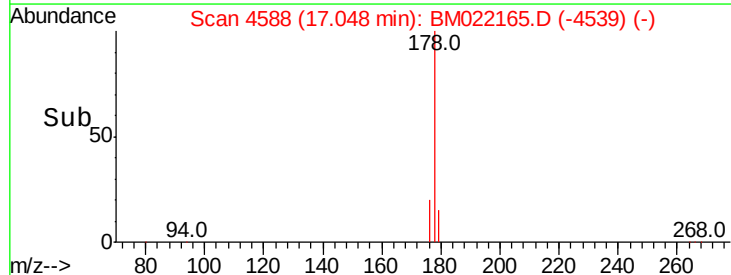
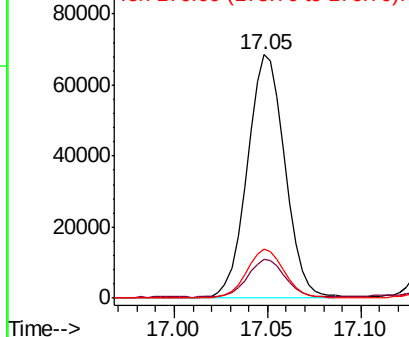
Lab File: BM022165.D

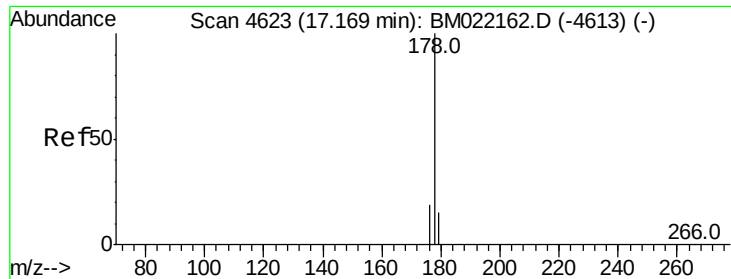
Acq: 16 Aug 2019 04:19

Tgt Ion:	178	Resp:	96725
Ion Ratio	Lower	Upper	
178	100		
179	15.7	14.2	21.2
176	20.0	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





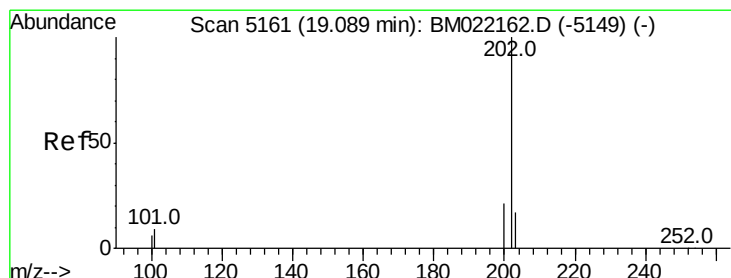
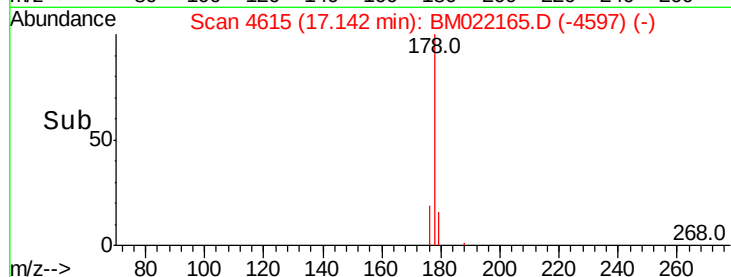
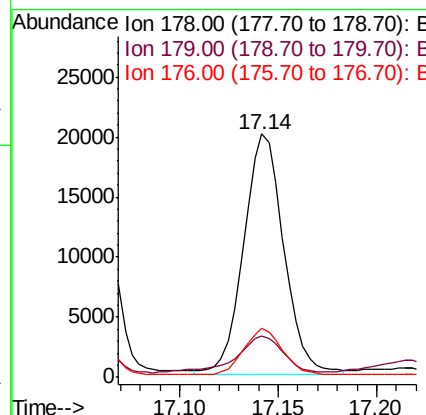
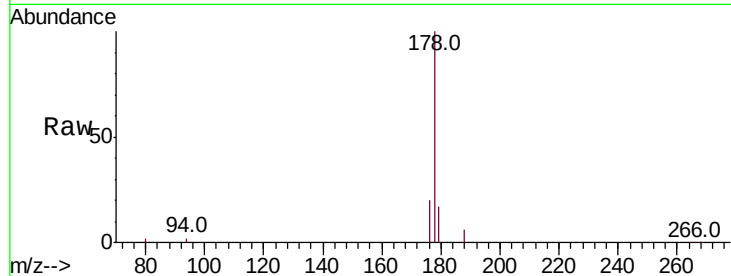
#13
 Anthracene
 Concen: 2.541 ng/ul m
 RT: 17.14 min Scan# 4615
 Delta R.T. -0.04 min
 Lab File: BM022165.D
 Acq: 16 Aug 2019 04:19

Instrument :
 BNA_M
 ClientSampleId :
 C0AG4

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.0	15.5	23.3
176	19.9	16.6	25.0

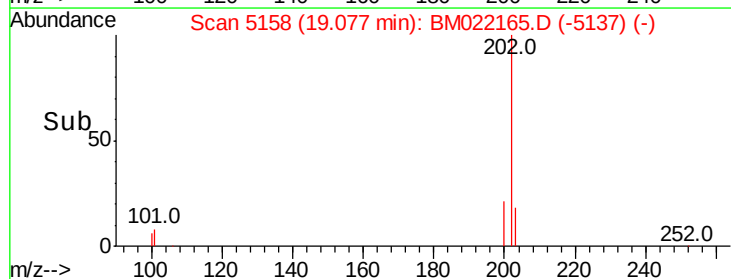
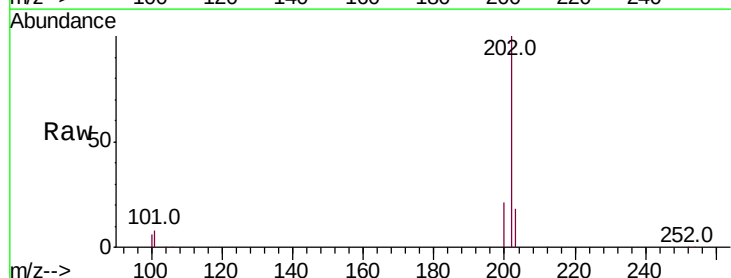
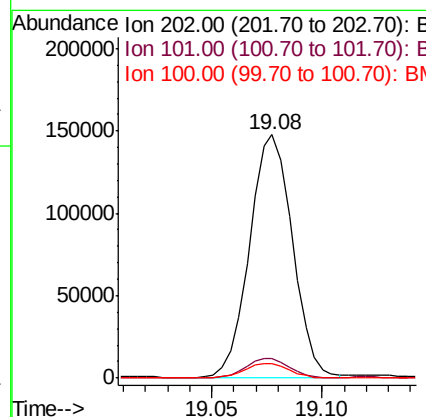
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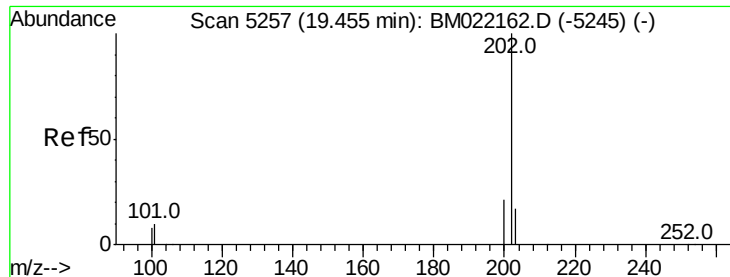
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#15
 Fluoranthene
 Concen: 11.425 ng/ul m
 RT: 19.08 min Scan# 5158
 Delta R.T. -0.02 min
 Lab File: BM022165.D
 Acq: 16 Aug 2019 04:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	30.2
100	6.1	0.0	28.1





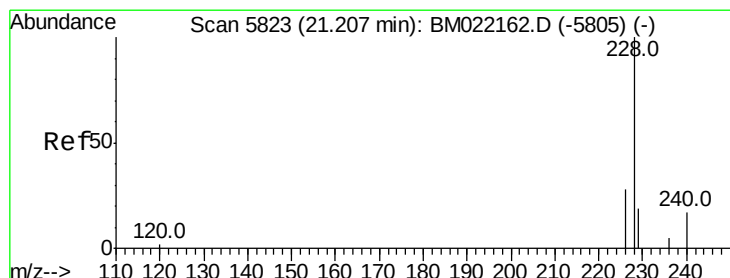
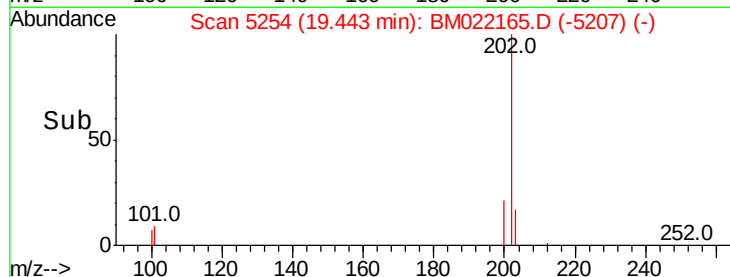
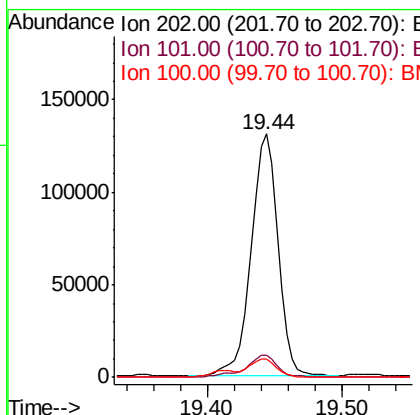
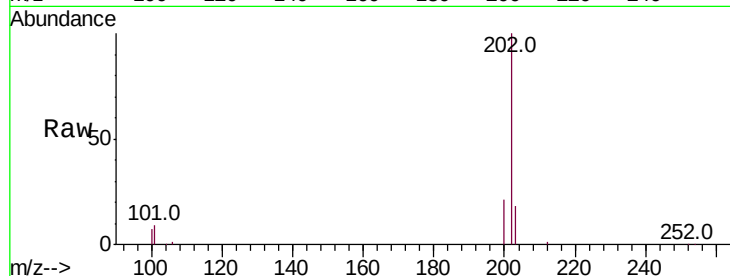
#17
Pvrene
Concen: 9.653 ng/ul
RT: 19.44 min Scan# 5254
Delta R.T. -0.02 min
Lab File: BM022165.D
Acq: 16 Aug 2019 04:19

Instrument :
BNA_M
ClientSampleId :
C0AG4

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.1	8.3	12.5
100	7.4	7.2	10.8

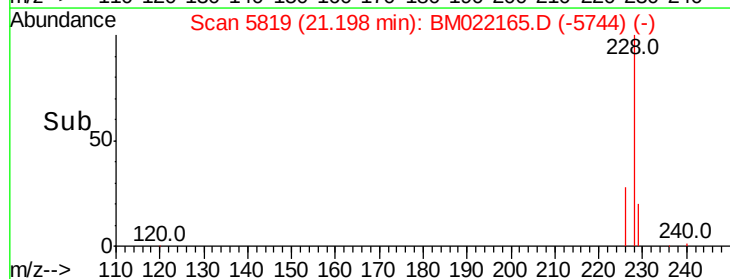
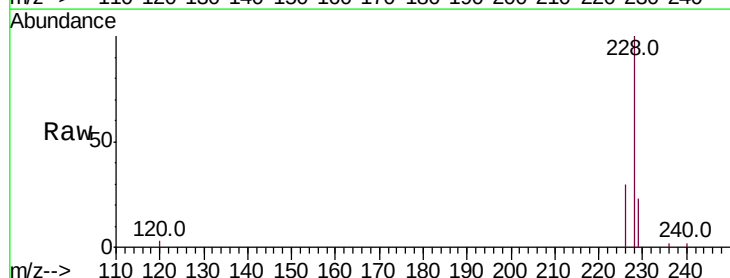
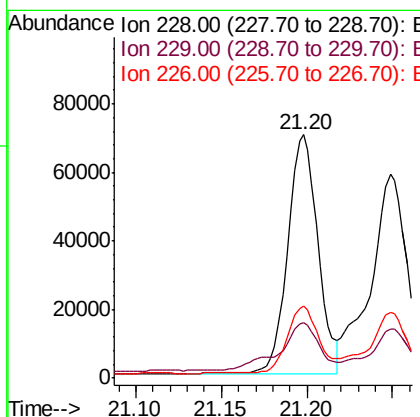
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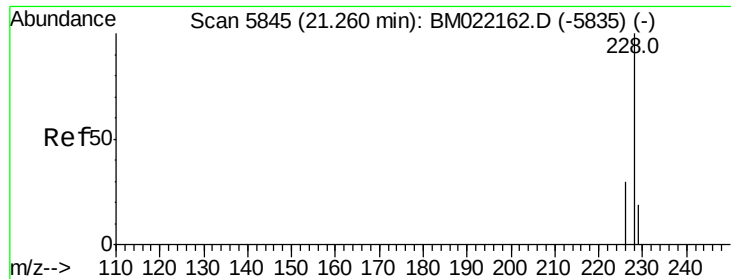
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#18
Benzo(a)anthracene
Concen: 5.375 ng/ul m
RT: 21.20 min Scan# 5819
Delta R.T. -0.02 min
Lab File: BM022165.D
Acq: 16 Aug 2019 04:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	23.0	17.2	25.8
226	29.5	22.6	34.0





#19

Chrysene

Concen: 4.169 ng/ul

RT: 21.25 min Scan# 5840

Delta R.T. -0.02 min

Lab File: BM022165.D

Acq: 16 Aug 2019 04:19

Instrument :

BNA_M

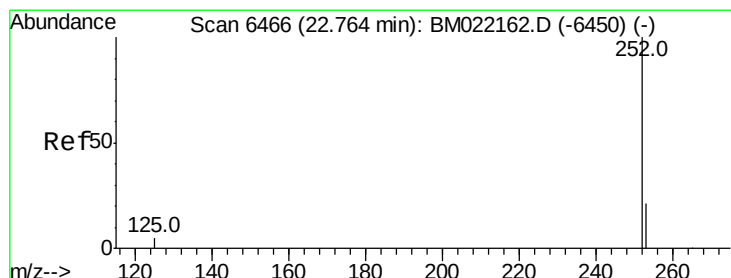
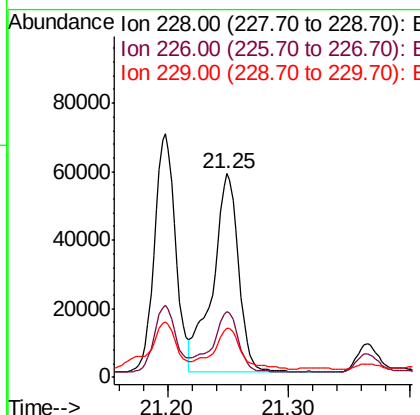
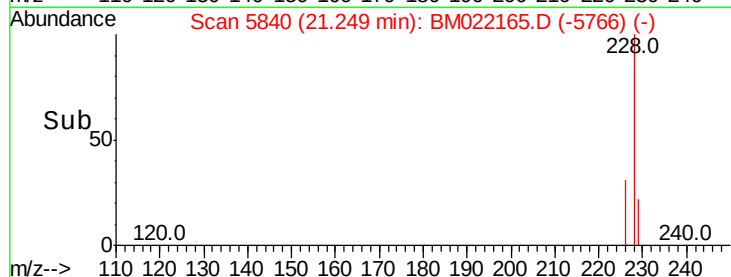
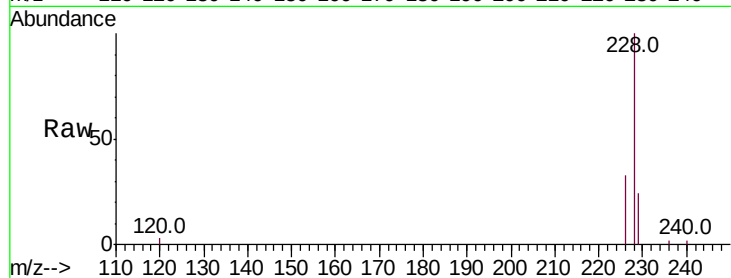
ClientSampleId :

C0AG4

Tot Ion:	228	Resp:	85665
Ion Ratio	Lower	Upper	
228	100		
226	32.5	24.9	37.3
229	24.3	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 6.716 ng/ul m

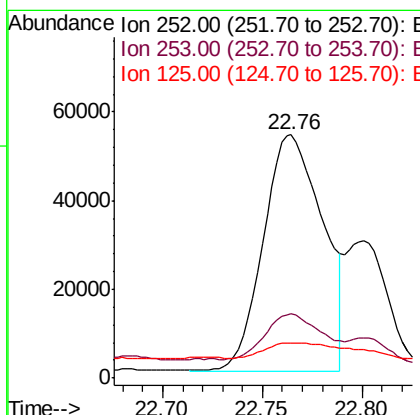
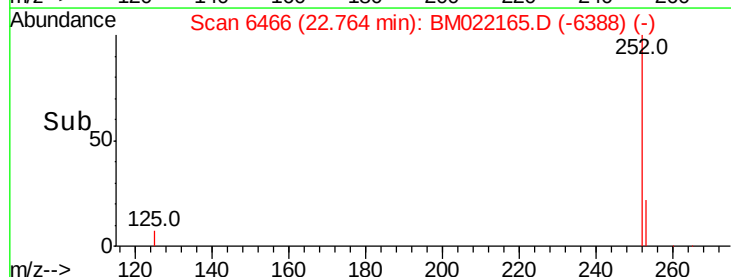
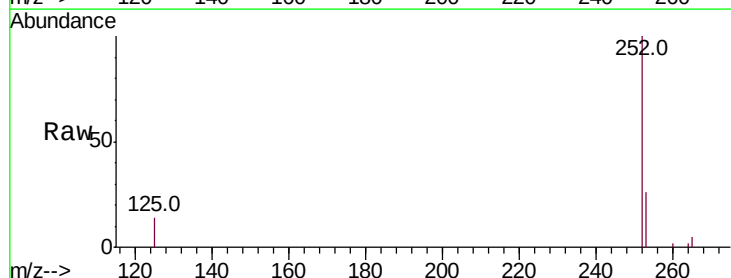
RT: 22.76 min Scan# 6466

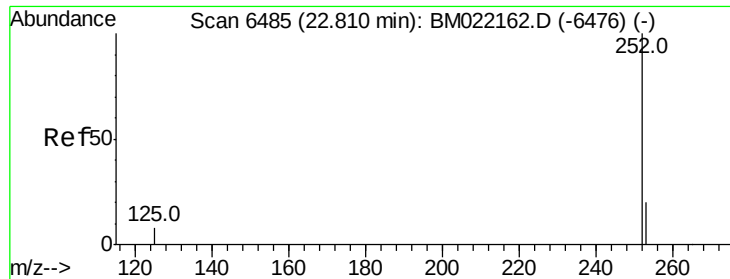
Delta R.T. -0.01 min

Lab File: BM022165.D

Acq: 16 Aug 2019 04:19

Tgt Ion:	252	Resp:	110855
Ion Ratio	Lower	Upper	
252	100		
253	26.3	0.0	67.4
125	14.5	0.0	31.0





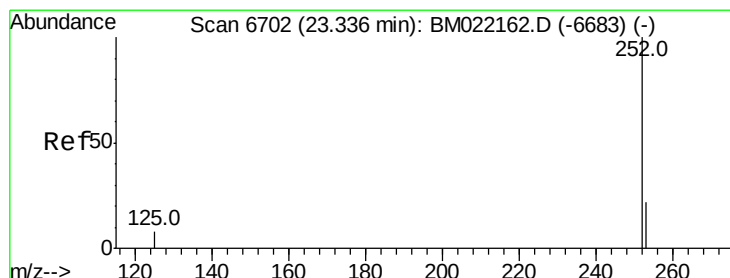
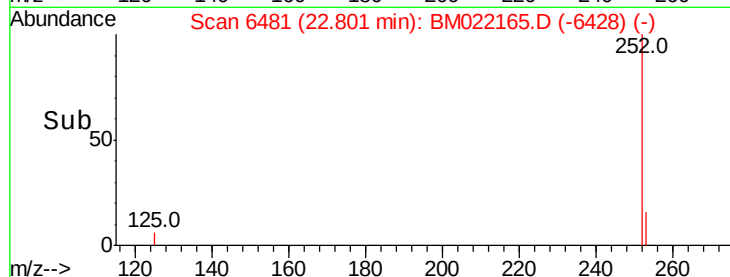
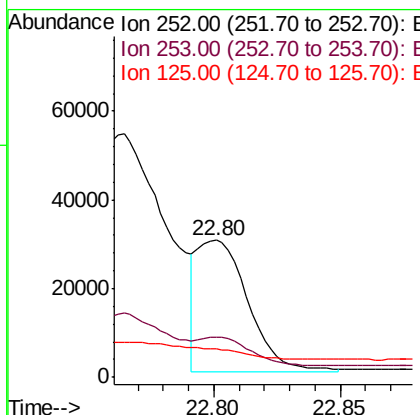
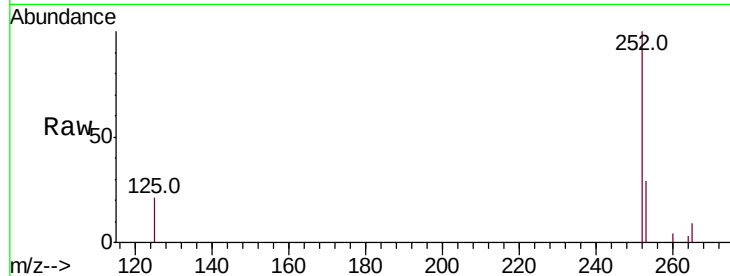
#22
Benzo(k)fluoranthene
Concen: 2.221 ng/ul m
RT: 22.80 min Scan# 6481
Delta R.T. -0.02 min
Lab File: BM022165.D
Acq: 16 Aug 2019 04:19

Instrument :
BNA_M
ClientSampleId :
C0AG4

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.3	27.0	40.4
125	20.7	12.2	18.2

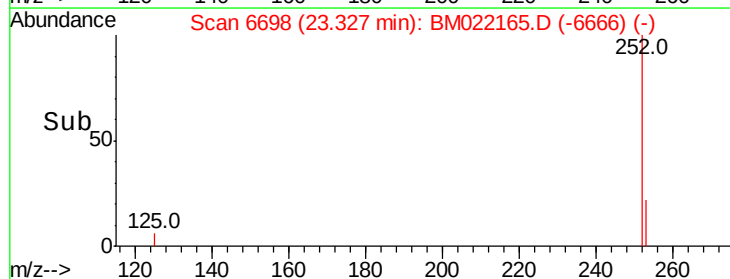
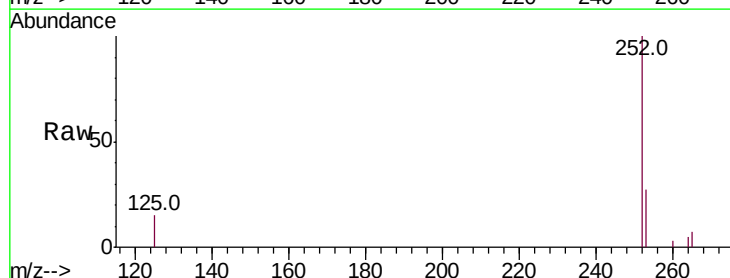
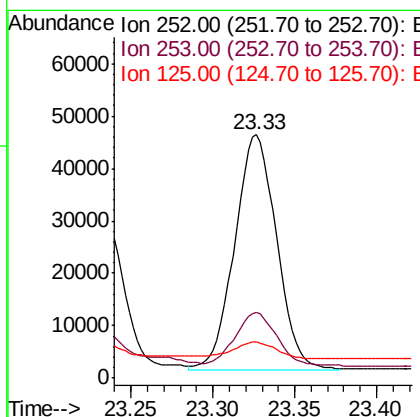
Manual Integrations
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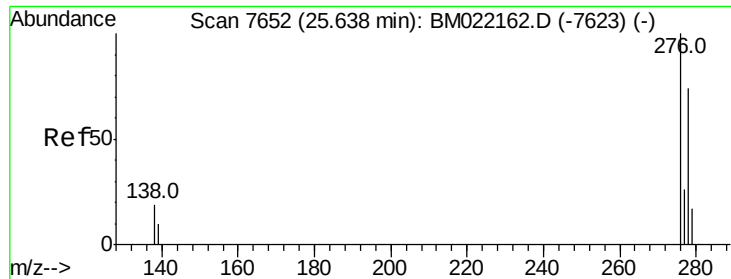
mohammad
8/19/2019 10:46:25 AM



#23
Benzo(a)pyrene
Concen: 4.764 ng/ul m
RT: 23.33 min Scan# 6698
Delta R.T. -0.02 min
Lab File: BM022165.D
Acq: 16 Aug 2019 04:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.9	31.7	47.5
125	14.8	14.6	21.8





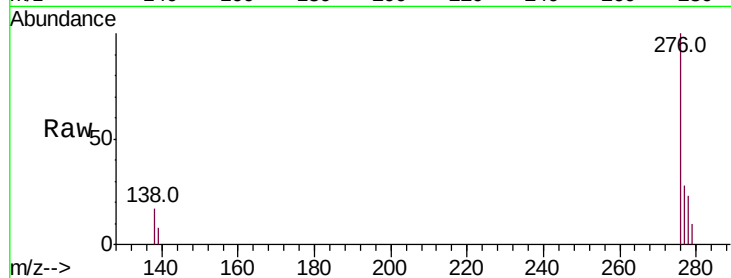
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.770 ng/ul
 RT: 25.63 min Scan# 7648
 Delta R.T. -0.03 min
 Lab File: BM022165.D
 Acq: 16 Aug 2019 04:19

Instrument :
 BNA_M
 ClientSampleId :
 C0AG4

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.3	15.1	22.7#
227	0.0	0.0	0.0

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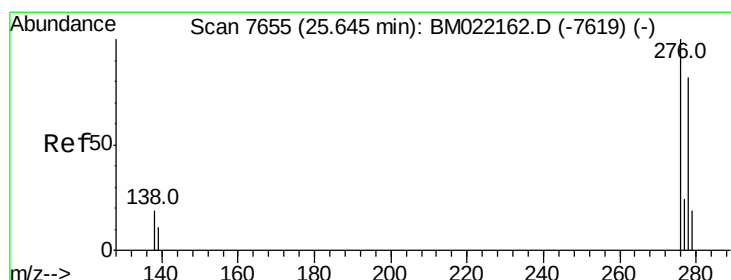
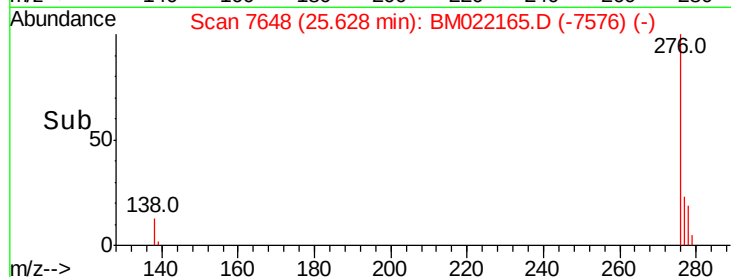
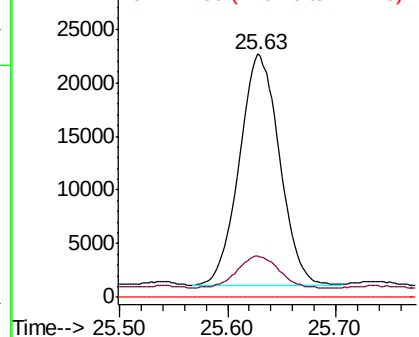


Abundance

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: 0.915 ng/ul m
 RT: 25.63 min Scan# 7648
 Delta R.T. -0.04 min
 Lab File: BM022165.D
 Acq: 16 Aug 2019 04:19

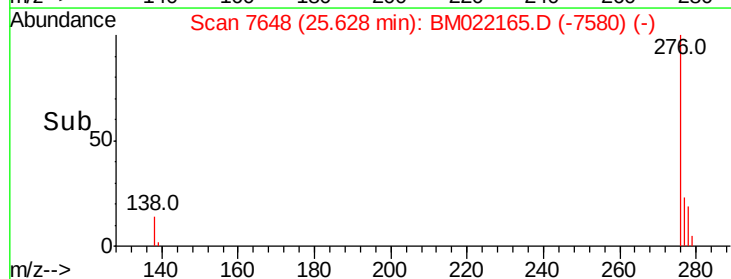
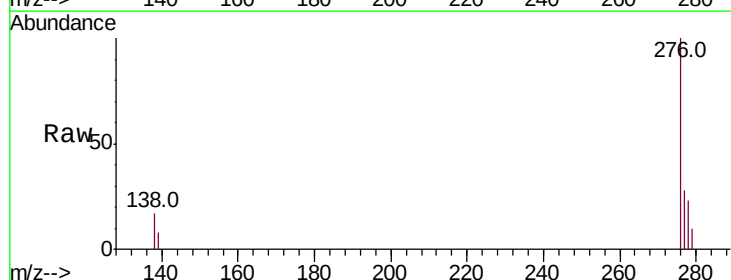
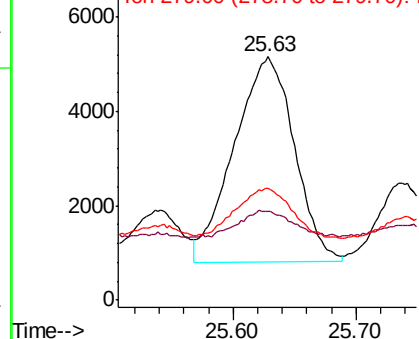
Tgt Ion	Ratio	Lower	Upper
278	100		
139	36.4	14.2	21.2#
279	45.7	28.3	42.5#

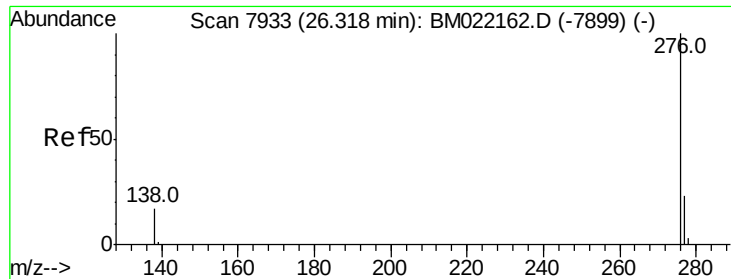
Abundance

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: 3.116 ng/ul
 RT: 26.31 min Scan# 7929
 Delta R.T. -0.03 min
 Lab File: BM022165.D
 Acq: 16 Aug 2019 04:19

Instrument :
 BNA_M
 ClientSampleId :
 C0AG4

Tot Ion:	276	Resp:	56221
Ion Ratio	Lower	Upper	
276	100		
138	17.7	15.5	23.3
277	28.5	21.4	32.2

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