

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081519\
 Data File : BM022176.D
 Acq On : 16 Aug 2019 18:49
 Operator : HP/JU
 Sample : K4242-07DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF6DL

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Quant Time: Aug 17 04:43:09 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 : Sat Aug 17 04:19:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	662	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	2971	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	1742	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	4041	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	4588	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	4884	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	148	0.03	ng/ul	0.03
14) Fluoranthene-d10	19.05	212	532	0.04	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.08	142	141	0.025	ng/ul	96
7) Acenaphthylene	13.98	152	887	0.109	ng/ul#	75
8) Acenaphthene	14.32	153	255	0.038	ng/ul#	88
9) Fluorene	15.32	166	284	0.038	ng/ul#	78
12) Phenanthrene	17.06	178	5060	0.430	ng/ul	98
13) Anthracene	17.15	178	1767	0.176	ng/ul#	85
15) Fluoranthene	19.09	202	16130	1.024	ng/ul	95
17) Pyrene	19.45	202	15588	0.827	ng/ul	99
18) Benzo(a)anthracene	21.21	228	10531	0.642	ng/ul#	85
19) Chrysene	21.26	228	8882	0.421	ng/ul#	83
21) Benzo(b)fluoranthene	22.77	252	13753m	0.835	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	5211m	0.280	ng/ul	
23) Benzo(a)pyrene	23.34	252	9891	0.591	ng/ul#	70
24) Indeno(1,2,3-cd)pyrene	25.65	276	7363	0.368	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.65	278	1855	0.115	ng/ul#	1
26) Benzo(a,h,i)perylene	26.33	276	6755	0.375	ng/ul#	62

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

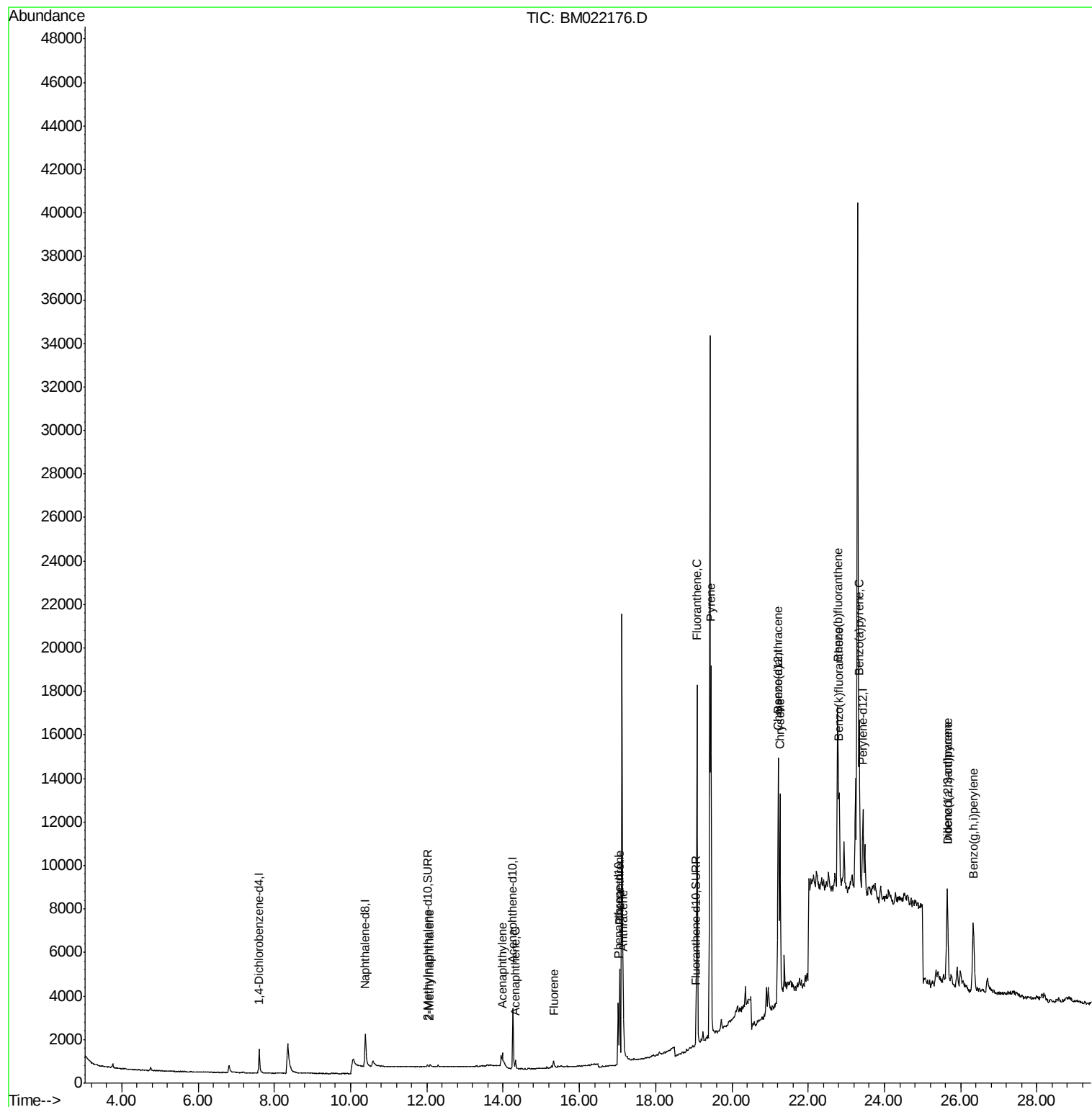
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081519\
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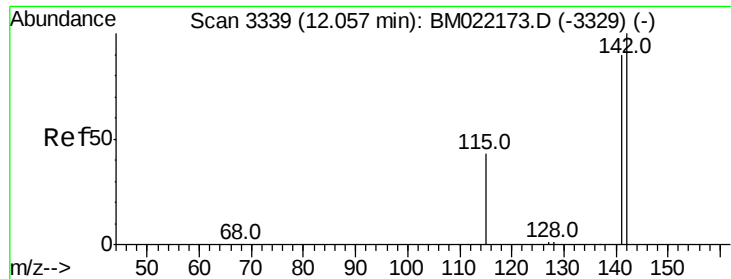
Instrument :
BNA_M
ClientSampleId :
C0AF6DL

Quant Time: Aug 17 04:43:09 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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#5

2-Methylnaphthalene

Concen: 0.025 ng/ul

RT: 12.08 min Scan# 3343

Delta R.T. 0.02 min

Lab File: BM022176.D

Acq: 16 Aug 2019 18:49

Instrument :

BNA_M

ClientSampleId :

C0AF6DL

Tot Ion:142 Resp: 141

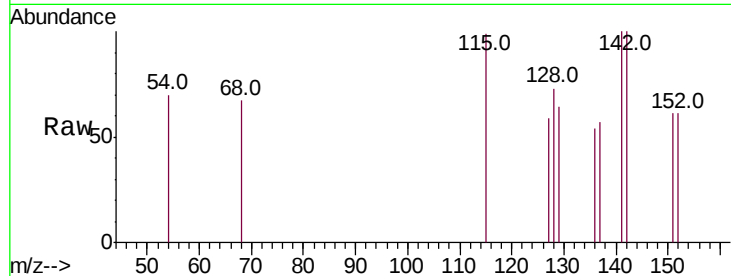
Ion Ratio Lower Upper

142 100

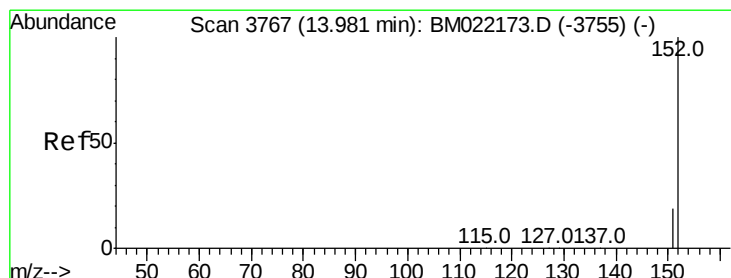
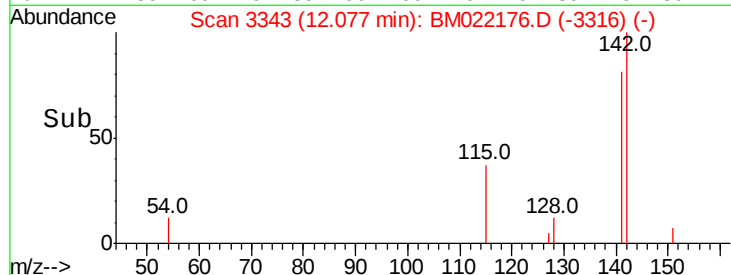
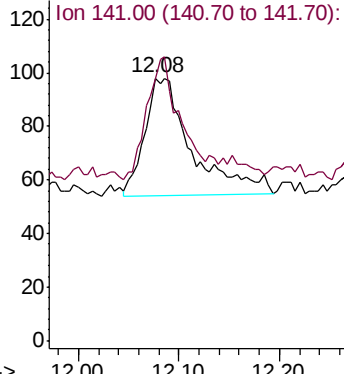
141 88.7 74.3 111.5

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Abundance Ion 142.00 (141.70 to 142.70): E



#7

Acenaphthylene

Concen: 0.109 ng/ul

RT: 13.98 min Scan# 3767

Delta R.T. 0.00 min

Lab File: BM022176.D

Acq: 16 Aug 2019 18:49

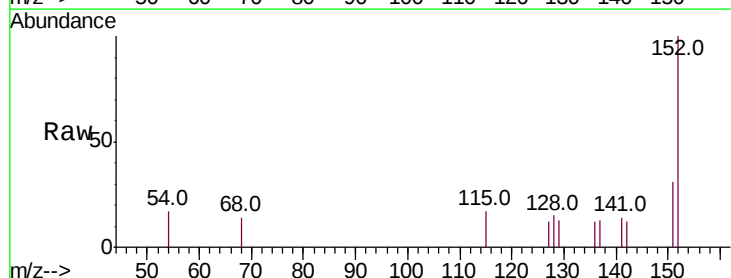
Tgt Ion:152 Resp: 887

Ion Ratio Lower Upper

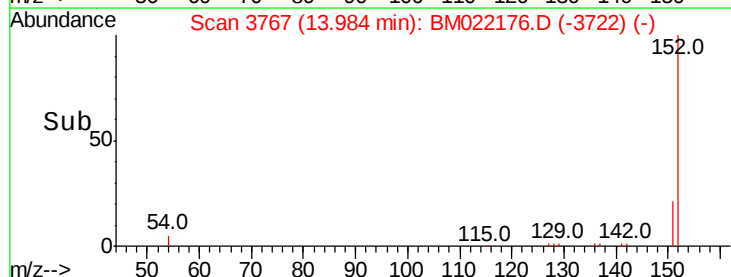
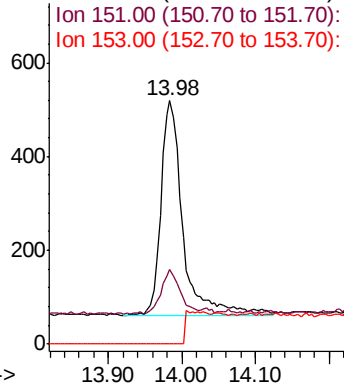
152 100

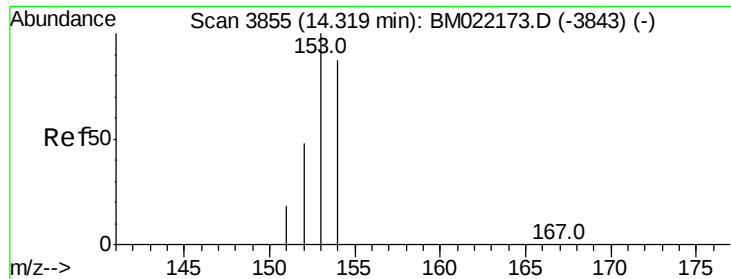
151 30.6 18.3 27.5#

153 0.0 12.8 19.2#



Abundance Ion 152.00 (151.70 to 152.70): E





#8

Acenaphthene

Concen: 0.038 ng/ul

RT: 14.32 min Scan# 3855

Delta R.T. 0.00 min

Lab File: BM022176.D

Acq: 16 Aug 2019 18:49

Instrument :

BNA_M

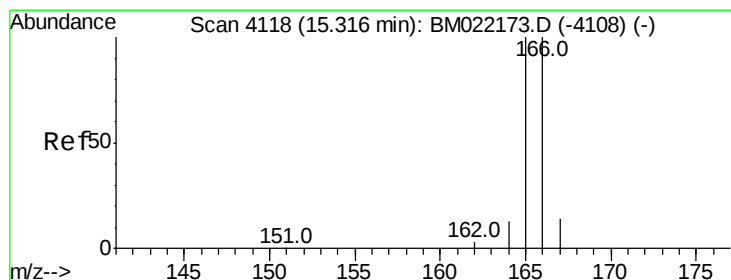
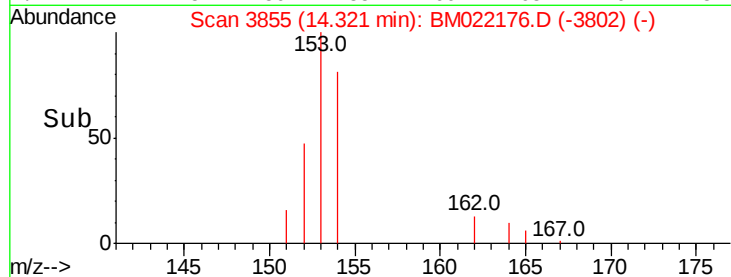
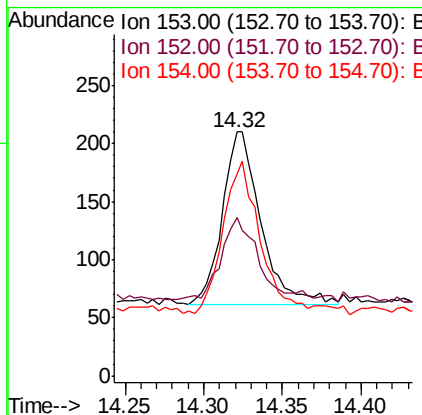
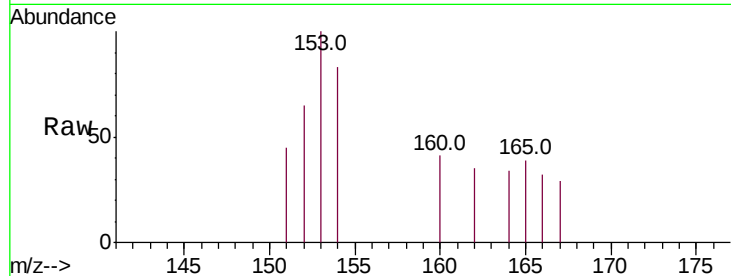
ClientSampleID :

C0AF6DL

Tot Ion:	153	Resp:	255
Ion Ratio	Lower	Upper	
153	100		
152	64.8	41.3	61.9#
154	82.9	72.3	108.5

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#9

Fluorene

Concen: 0.038 ng/ul

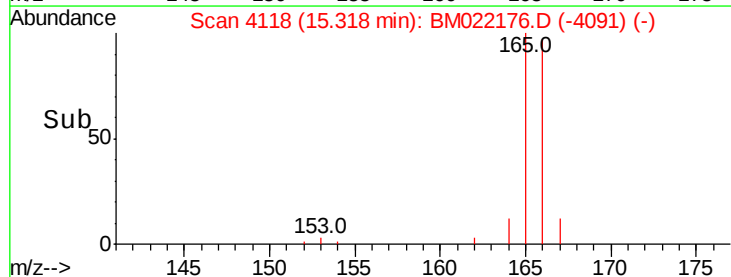
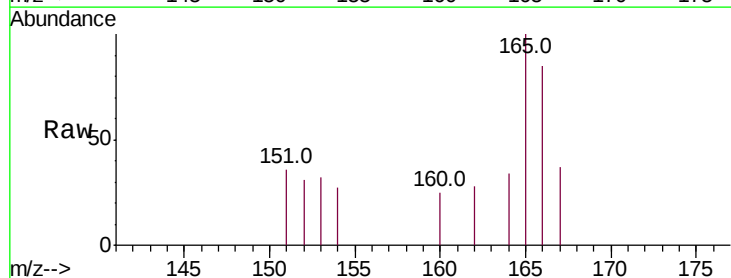
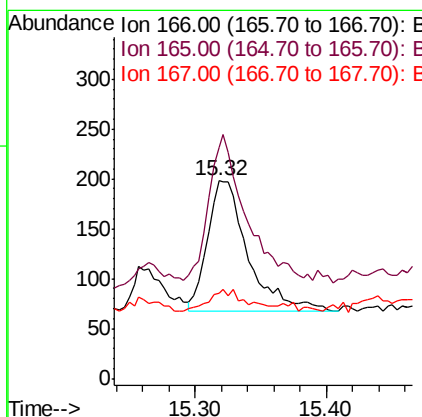
RT: 15.32 min Scan# 4118

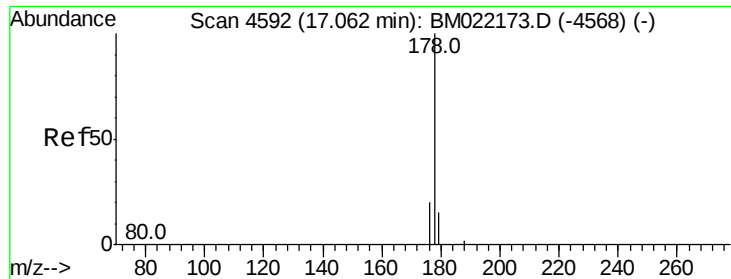
Delta R.T. 0.00 min

Lab File: BM022176.D

Acq: 16 Aug 2019 18:49

Tgt Ion:	166	Resp:	284
Ion Ratio	Lower	Upper	
166	100		
165	117.2	81.4	122.0
167	42.9	13.7	20.5#





#12

Phenanthrene

Concen: 0.430 ng/ul

RT: 17.06 min Scan# 4591

Delta R.T. -0.00 min

Lab File: BM022176.D

Acq: 16 Aug 2019 18:49

Instrument :

BNA_M

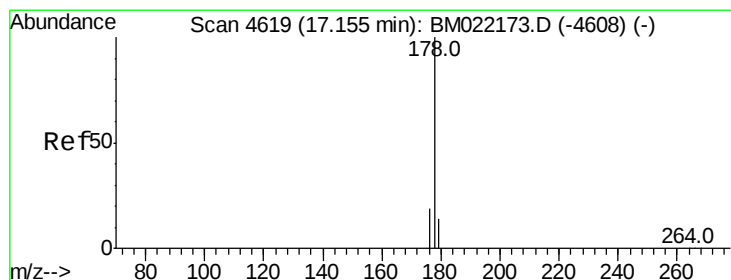
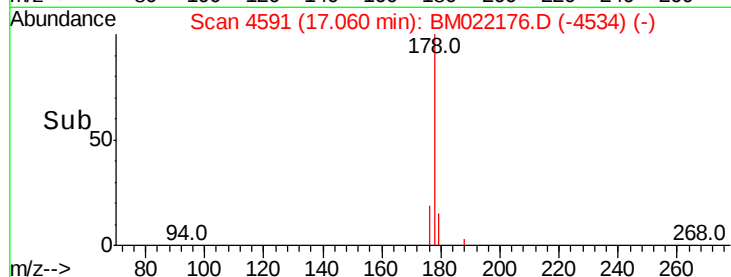
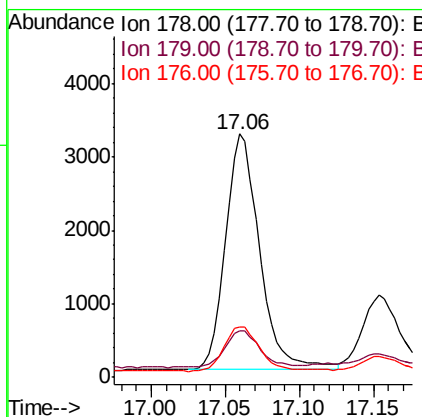
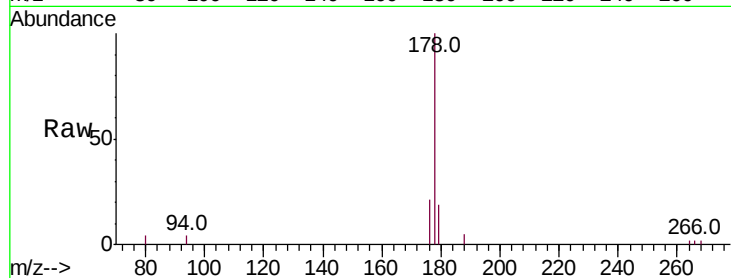
ClientSampleId :

C0AF6DL

Tot Ion:178	Resp:	5060
Ion Ratio	Lower	Upper
178	100	
179	19.0	14.2 21.2
176	20.8	16.8 25.2

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#13

Anthracene

Concen: 0.176 ng/ul

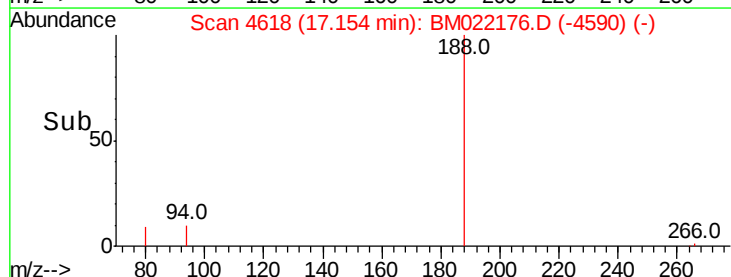
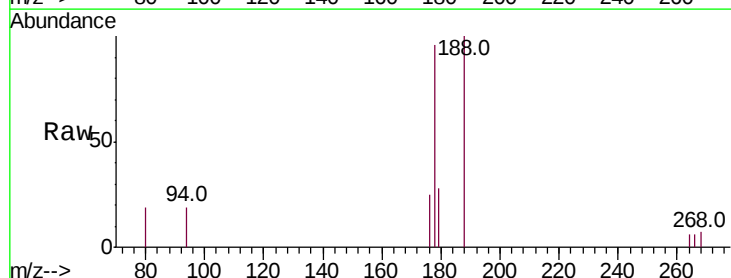
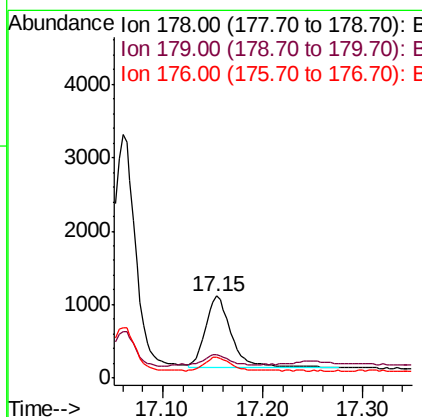
RT: 17.15 min Scan# 4618

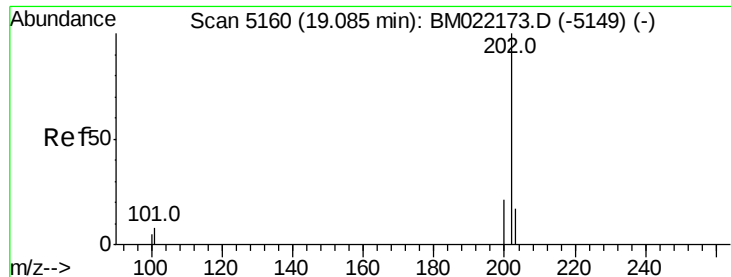
Delta R.T. -0.00 min

Lab File: BM022176.D

Acq: 16 Aug 2019 18:49

Tgt Ion:178	Resp:	1767
Ion Ratio	Lower	Upper
178	100	
179	28.9	15.5 23.3#
176	25.7	16.6 25.0#





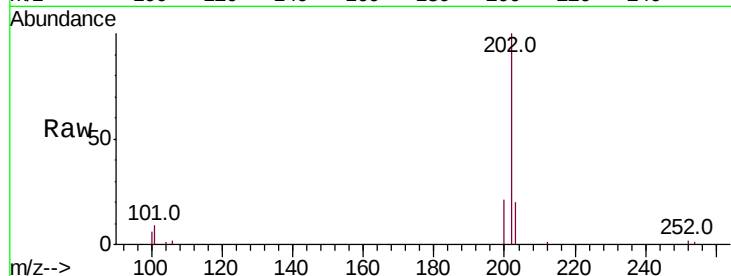
#15
Fluoranthene
 Concen: 1.024 ng/ul
 RT: 19.09 min Scan# 5160
 Delta R.T. 0.00 min
 Lab File: BM022176.D
 Acq: 16 Aug 2019 18:49

Instrument :
 BNA_M
 ClientSampleId :
 C0AF6DL

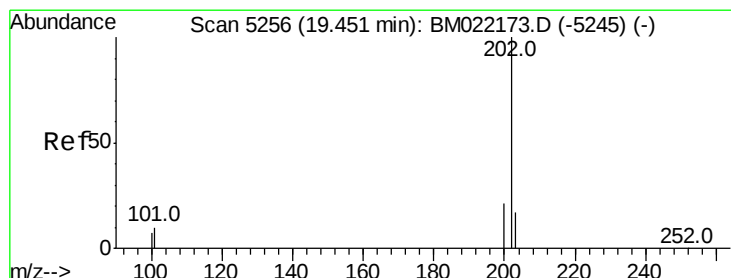
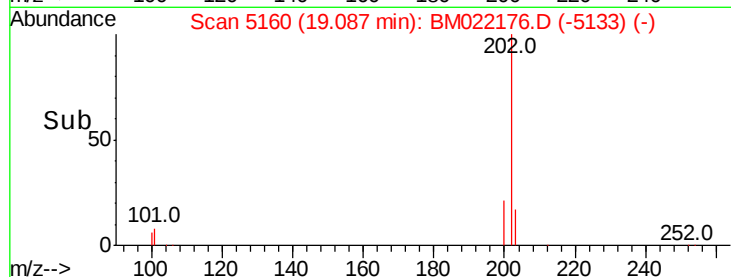
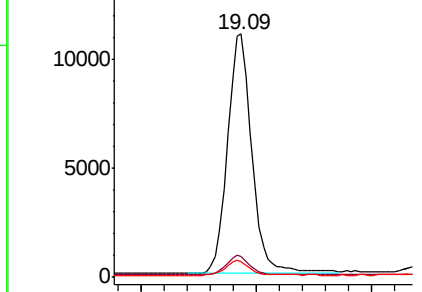
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.5	0.0	30.2
100	6.4	0.0	28.1

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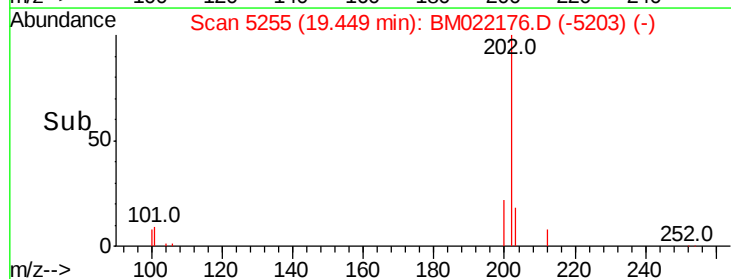
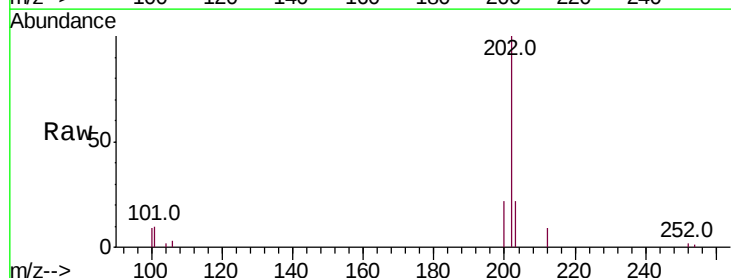
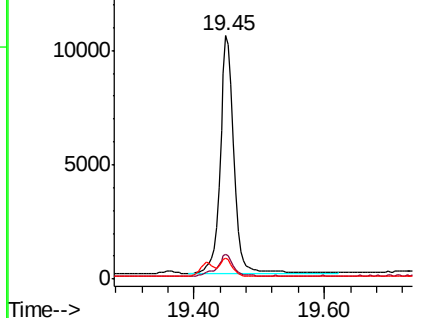
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

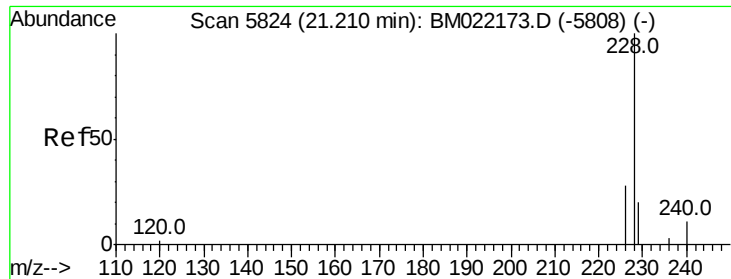


#17
Pyrene
 Concen: 0.827 ng/ul
 RT: 19.45 min Scan# 5255
 Delta R.T. -0.00 min
 Lab File: BM022176.D
 Acq: 16 Aug 2019 18:49

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.2	8.3	12.5
100	8.7	7.2	10.8

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





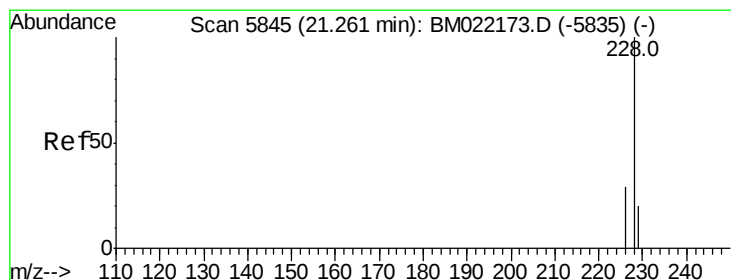
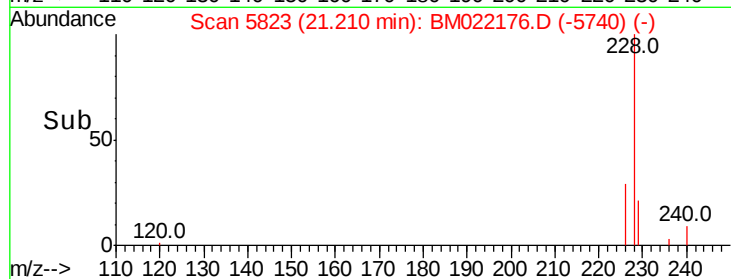
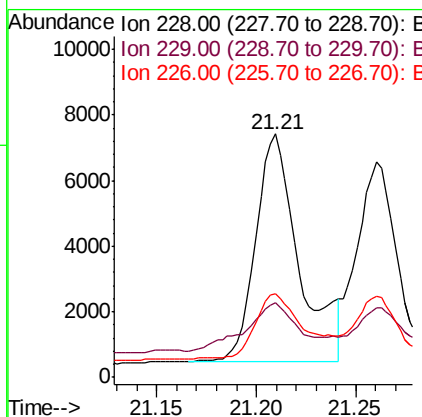
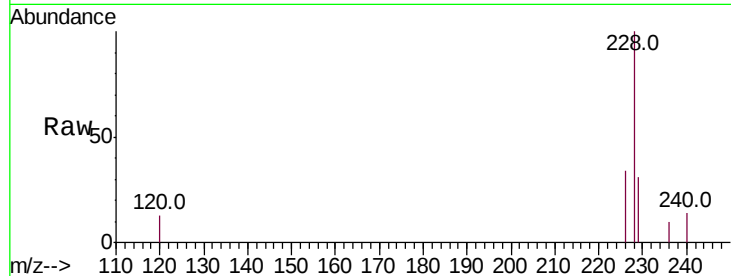
#18
Benzo(a)anthracene
Concen: 0.642 ng/ul
RT: 21.21 min Scan# 5823
Delta R.T. -0.00 min
Lab File: BM022176.D
Acq: 16 Aug 2019 18:49

Instrument :
BNA_M
ClientSampleId :
C0AF6DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	30.6	17.2	25.8#
226	34.4	22.6	34.0#

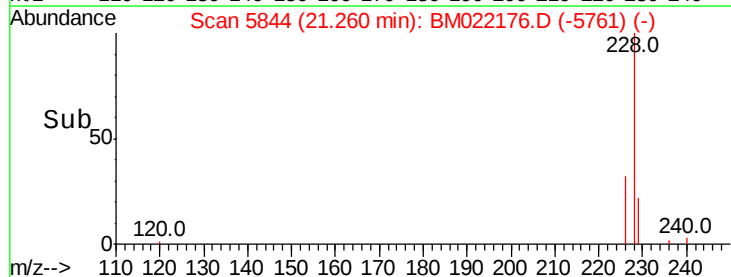
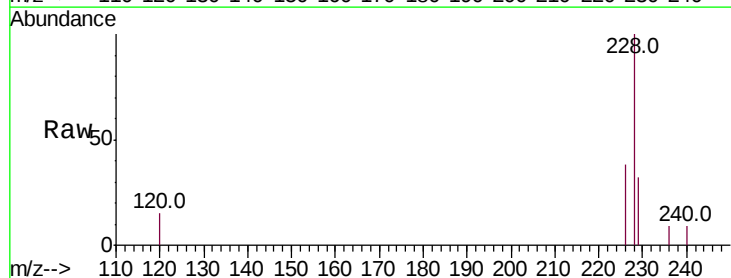
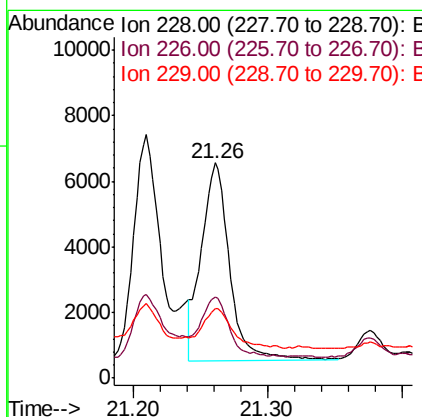
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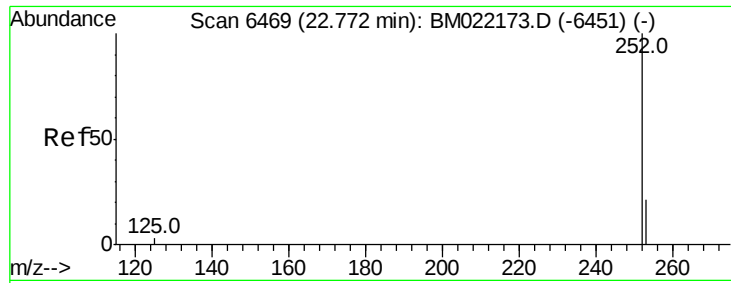
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#19
Chrysene
Concen: 0.421 ng/ul
RT: 21.26 min Scan# 5844
Delta R.T. -0.00 min
Lab File: BM022176.D
Acq: 16 Aug 2019 18:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.9	24.9	37.3#
229	32.1	16.6	25.0#





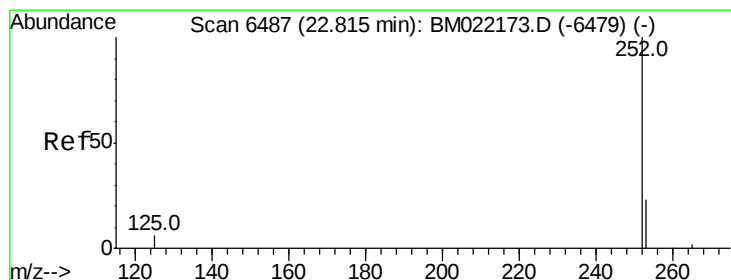
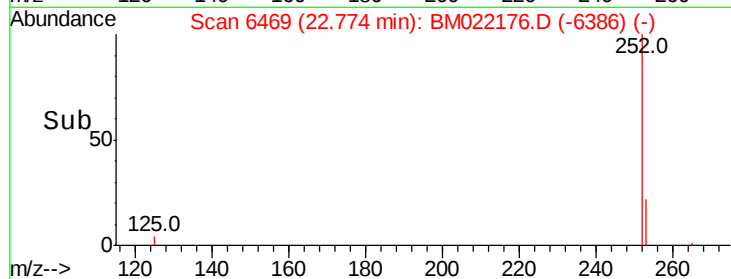
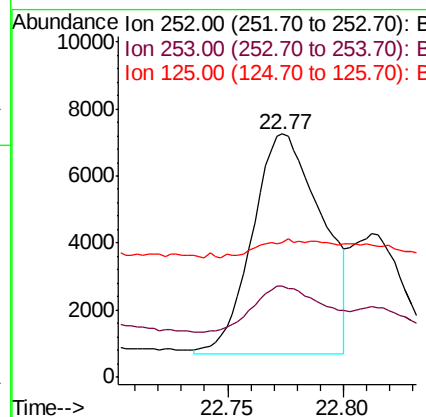
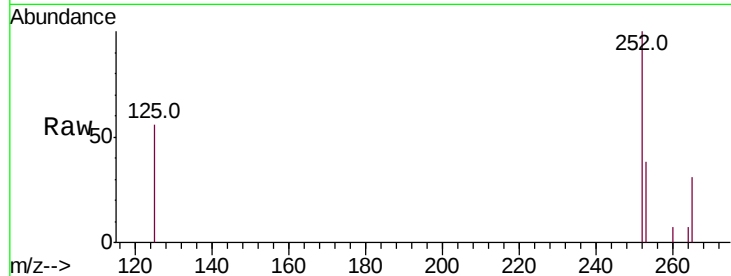
#21
Benzo(b)fluoranthene
Concen: 0.835 ng/ul m
RT: 22.77 min Scan# 6469
Delta R.T. 0.00 min
Lab File: BM022176.D
Acq: 16 Aug 2019 18:49

Instrument :
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ClientSampleID :
C0AF6DL

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	37.6	0.0	67.4
125	55.6	0.0	31.0#

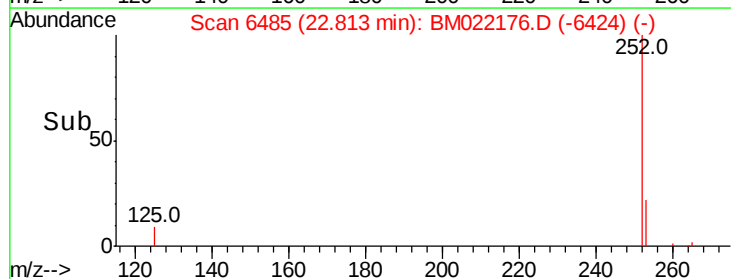
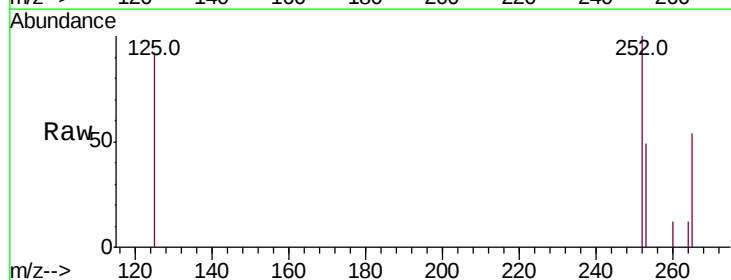
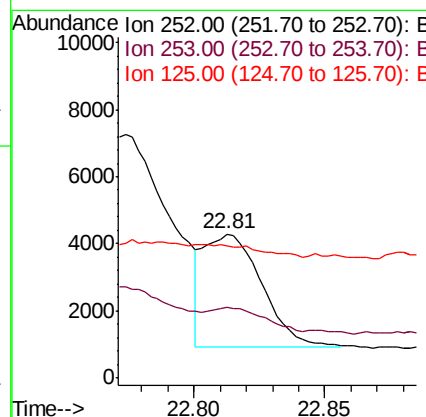
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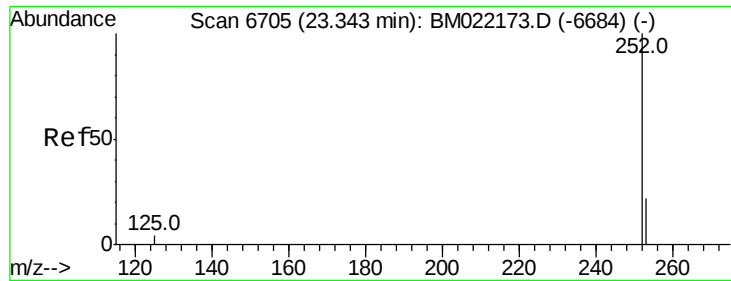
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#22
Benzo(k)fluoranthene
Concen: 0.280 ng/ul m
RT: 22.81 min Scan# 6485
Delta R.T. -0.00 min
Lab File: BM022176.D
Acq: 16 Aug 2019 18:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	49.1	27.0	40.4#
125	91.8	12.2	18.2#





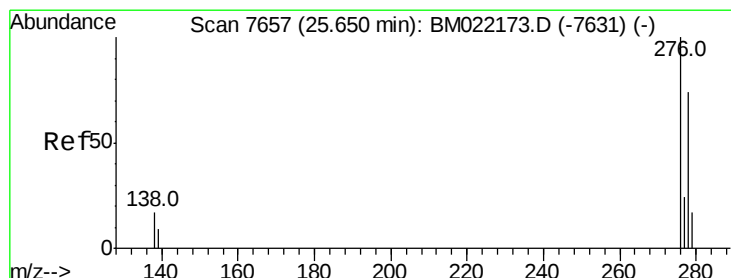
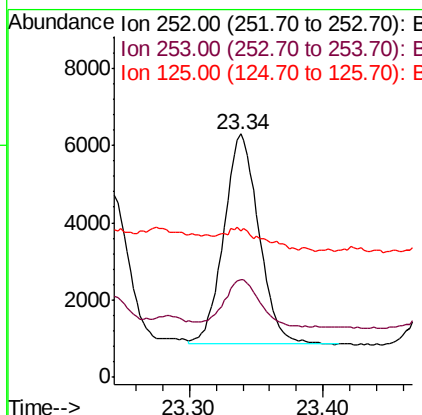
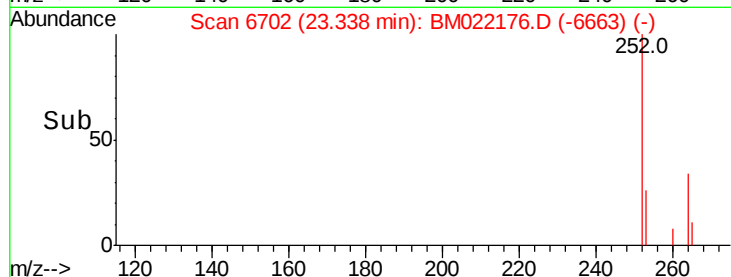
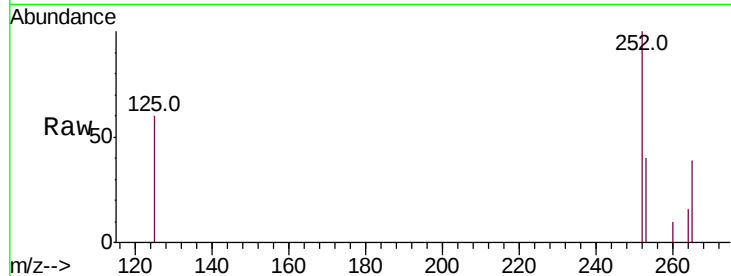
#23
Benzo(a)pyrene
Concen: 0.591 ng/ul
RT: 23.34 min Scan# 6702
Delta R.T. -0.01 min
Lab File: BM022176.D
Acq: 16 Aug 2019 18:49

Instrument :
BNA_M
ClientSampleId :
C0AF6DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	40.1	31.7	47.5
125	60.3	14.6	21.8

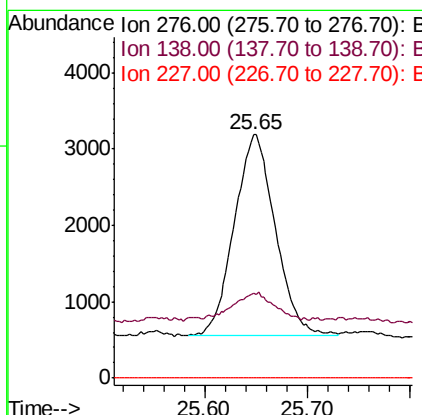
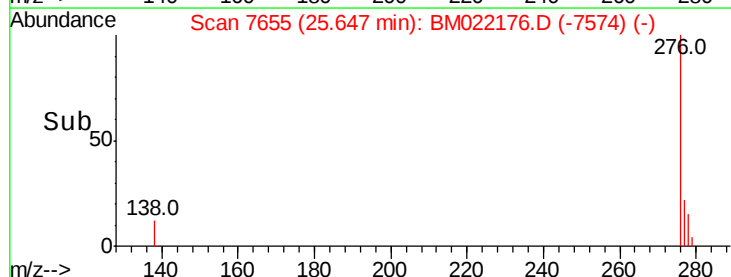
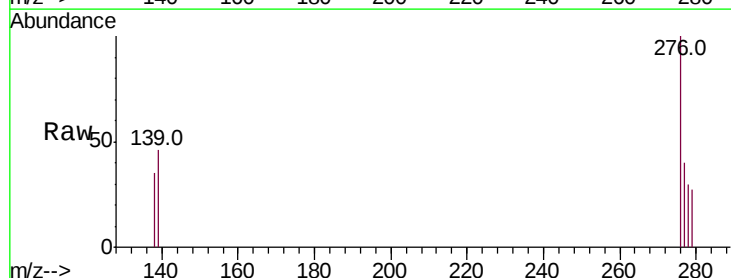
Manual Integrations
APPROVED

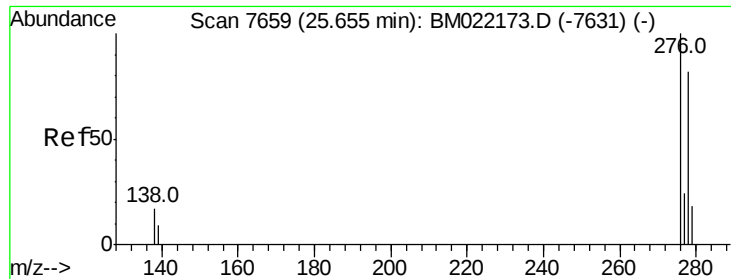
mohammad
8/19/2019 5:32:17 PM



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.368 ng/ul
RT: 25.65 min Scan# 7655
Delta R.T. -0.00 min
Lab File: BM022176.D
Acq: 16 Aug 2019 18:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.5	15.1	22.7
227	0.0	0.0	0.0





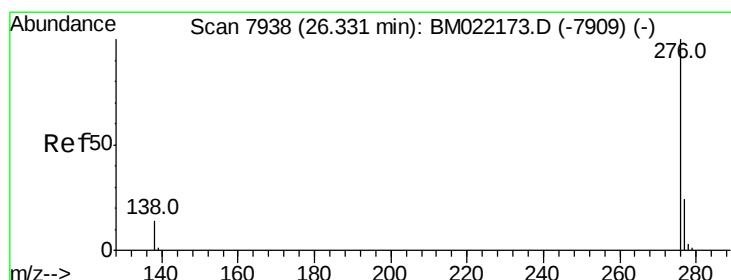
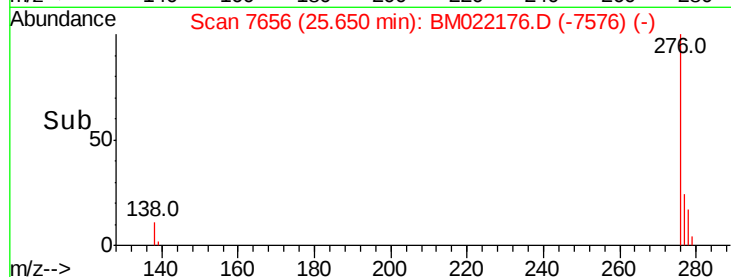
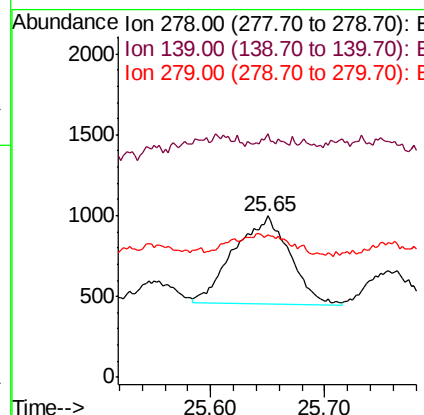
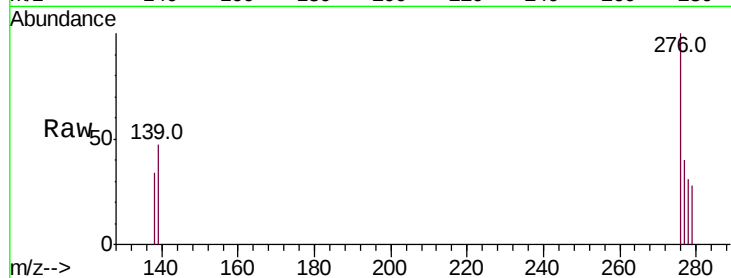
#25
Dibenzo(a,h)anthracene
Concen: 0.115 ng/ul
RT: 25.65 min Scan# 7656
Delta R.T. -0.01 min
Lab File: BM022176.D
Acq: 16 Aug 2019 18:49

Instrument :
BNA_M
ClientSampleID :
C0AF6DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	150.6	14.2	21.2#
279	88.4	28.3	42.5#

Manual Integrations
APPROVED

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#26
Benzo(g,h,i)perylene
Concen: 0.375 ng/ul
RT: 26.33 min Scan# 7938
Delta R.T. 0.00 min
Lab File: BM022176.D
Acq: 16 Aug 2019 18:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	38.9	15.5	23.3#
277	44.3	21.4	32.2#

