

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081519\
 Data File : BM022150.D
 Acq On : 15 Aug 2019 19:10
 Operator : HP/JU
 Sample : K4242-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AG6

Manual Integrations
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Quant Time: Aug 16 14:34:50 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 14:19:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	663	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.37	136	2770	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.25	164	1563	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.00	188	3748m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.21	240	3594m	0.40	ng/ul	-0.02
20) Perylene-d12	23.41	264	3938m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	1274	0.28	ng/ul	-0.03
14) Fluoranthene-d10	19.05	212	3837m	0.30	ng/ul	-0.02
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	3086	0.394	ng/ul	97
5) 2-Methylnaphthalene	12.06	142	2158	0.414	ng/ul	98
7) Acenaphthylene	13.97	152	1034	0.142	ng/ul#	79
8) Acenaphthene	14.31	153	21020	3.524	ng/ul	96
9) Fluorene	15.31	166	32601	4.921	ng/ul#	97
12) Phenanthrene	17.05	178	402675m	36.924	ng/ul	
13) Anthracene	17.14	178	121404m	13.051	ng/ul	
15) Fluoranthene	19.08	202	567718m	38.862	ng/ul	
17) Pyrene	19.44	202	458293	31.031	ng/ul	96
18) Benzo(a)anthracene	21.19	228	265043m	20.617	ng/ul	
19) Chrysene	21.25	228	218101	13.192	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	282143m	21.246	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	114164m	7.597	ng/ul	
23) Benzo(a)pyrene	23.32	252	222065	16.443	ng/ul#	75
24) Indeno(1,2,3-cd)pyrene	25.62	276	136810	8.484	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.62	278	33591	2.577	ng/ul	91
26) Benzo(a,h,i)perylene	26.30	276	111432	7.676	ng/ul	96

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

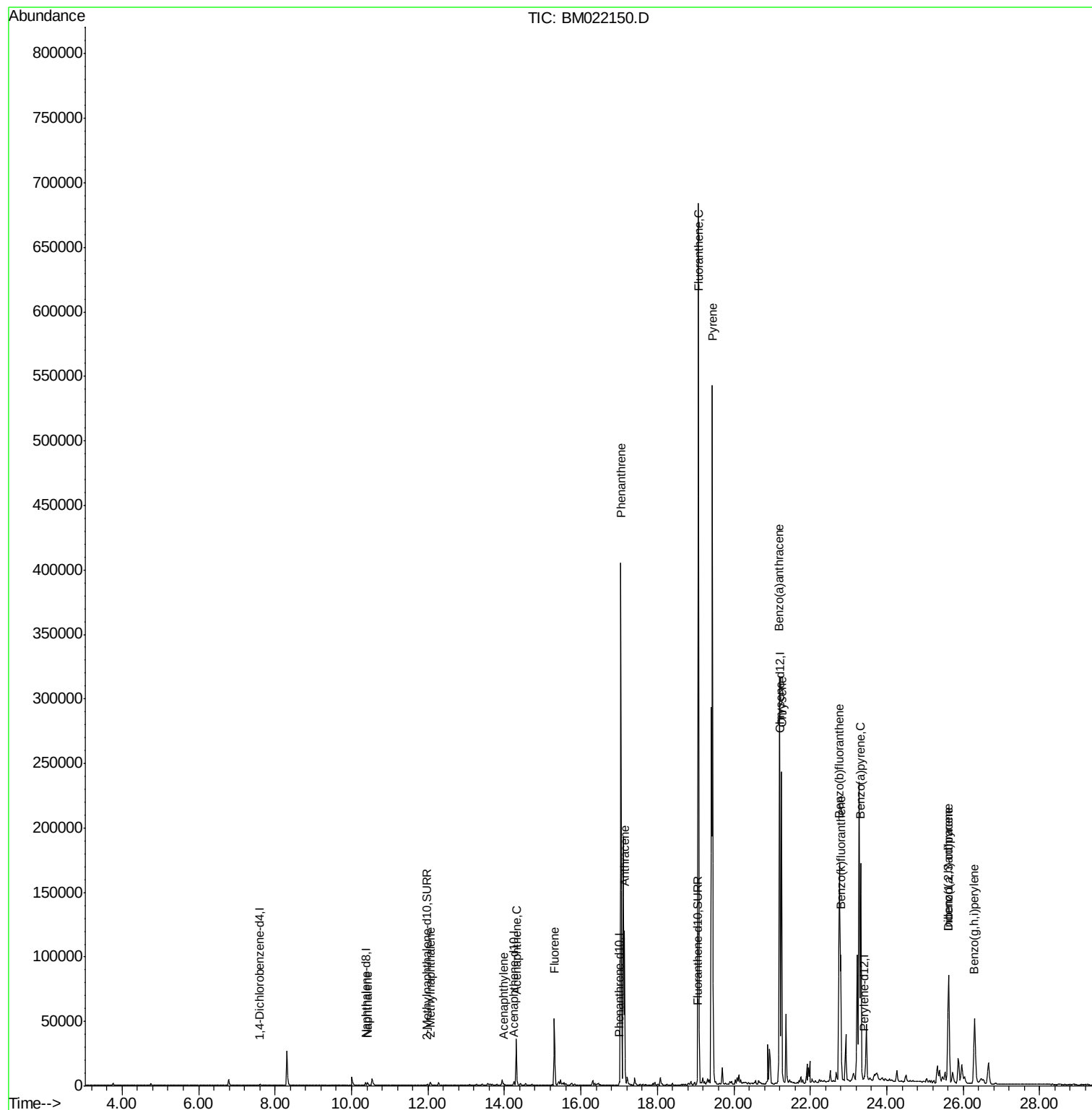
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081519\
Data File : BM022150.D
Acq On : 15 Aug 2019 19:10
Operator : HP/JU
Sample : K4242-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

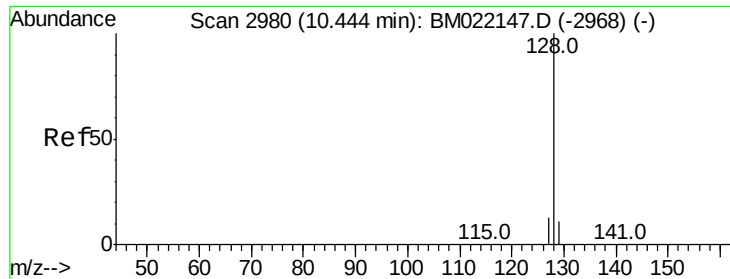
Instrument :
BNA_M
ClientSampleId :
C0AG6

Quant Time: Aug 16 14:34:50 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 14:19:57 2019
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#3

Naphthalene

Concen: 0.394 ng/ul

RT: 10.42 min Scan# 2975

Delta R.T. -0.03 min

Lab File: BM022150.D

Acq: 15 Aug 2019 19:10

Instrument :

BNA_M

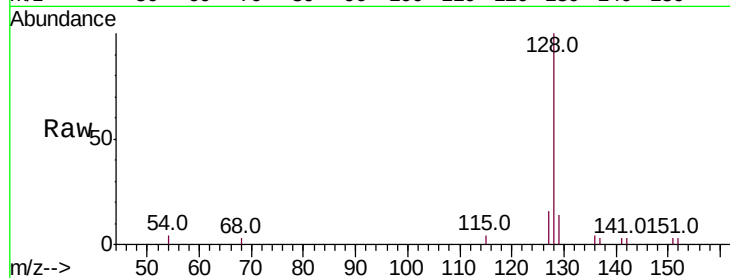
ClientSampleId :

C0AG6

Tot Ion:	128	Resp:	3086
Ion	Ratio	Lower	Upper
128	100		
129	13.8	12.3	18.5
127	15.6	13.0	19.6

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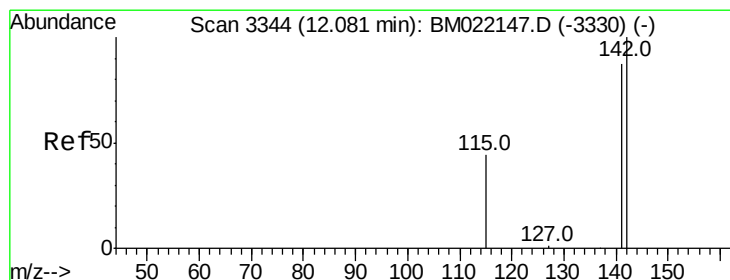
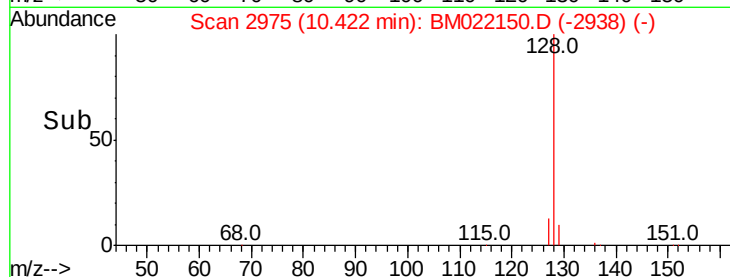
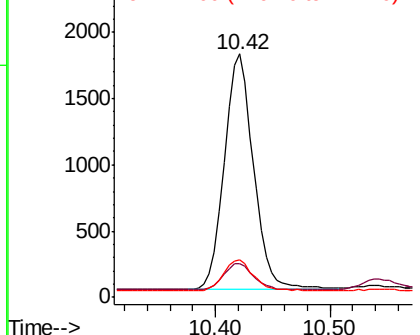
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.414 ng/ul

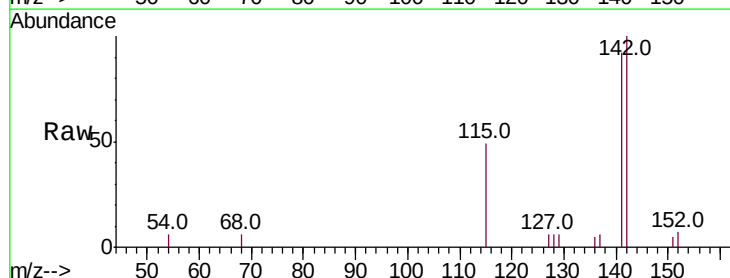
RT: 12.06 min Scan# 3339

Delta R.T. -0.03 min

Lab File: BM022150.D

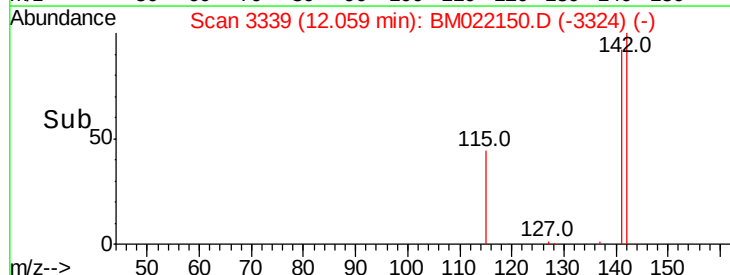
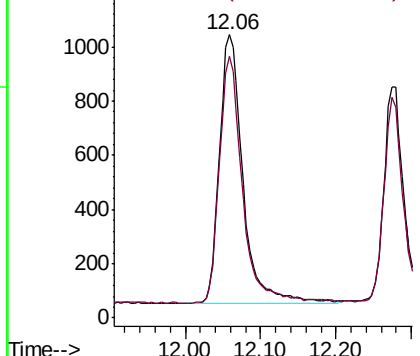
Acq: 15 Aug 2019 19:10

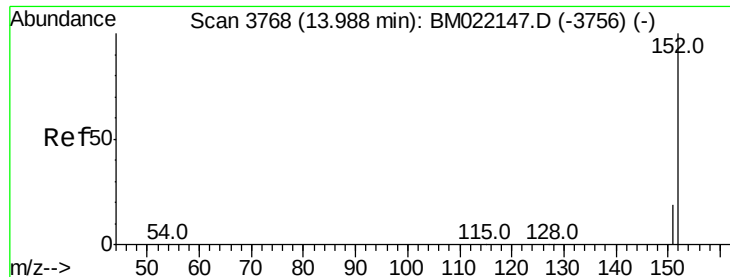
Tgt Ion:	142	Resp:	2158
Ion	Ratio	Lower	Upper
142	100		
141	90.7	74.3	111.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.142 ng/ul

RT: 13.97 min Scan# 3765

Delta R.T. -0.02 min

Lab File: BM022150.D

Acq: 15 Aug 2019 19:10

Instrument :

BNA_M

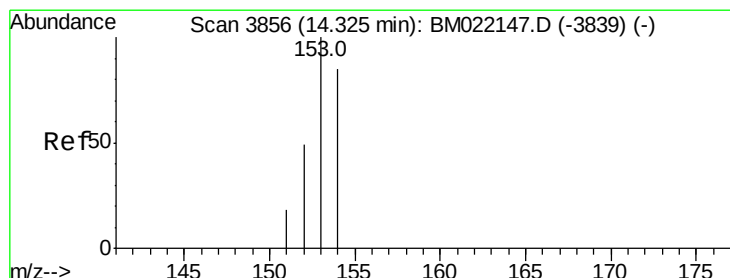
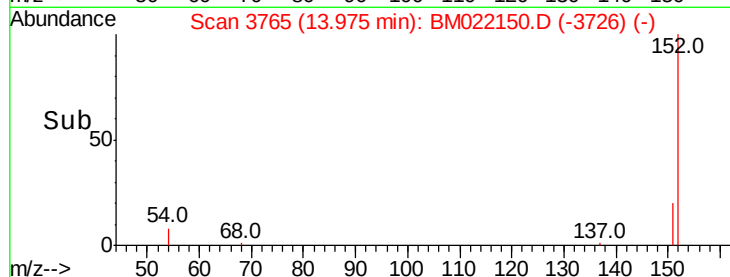
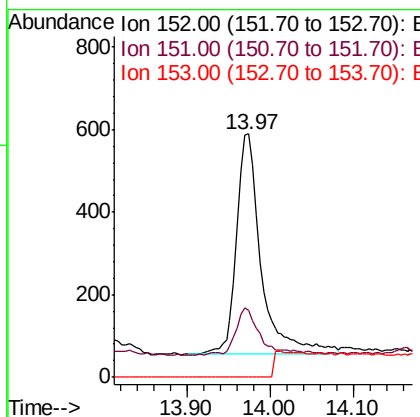
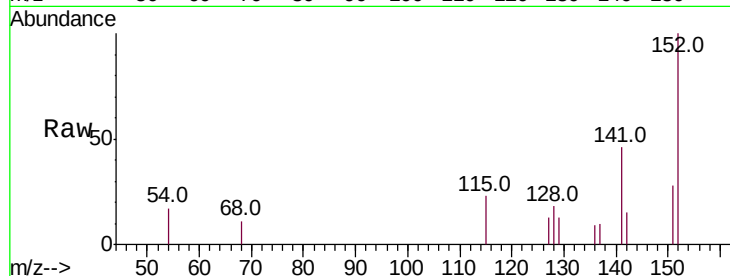
ClientSampleId :

C0AG6

Tot Ion:	152	Resp:	1034
Ion Ratio	Lower	Upper	
152	100		
151	27.6	18.3	27.5#
153	0.0	12.8	19.2#

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#8

Acenaphthene

Concen: 3.524 ng/ul

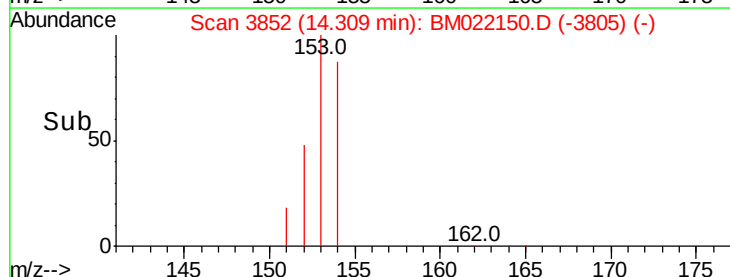
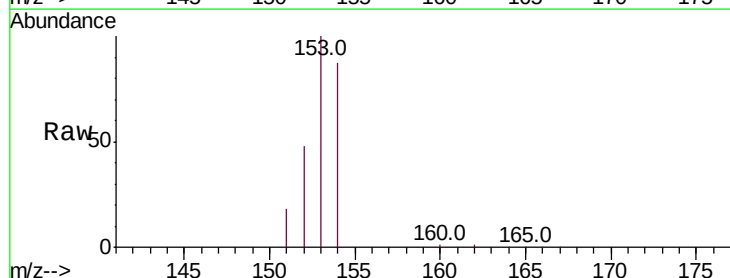
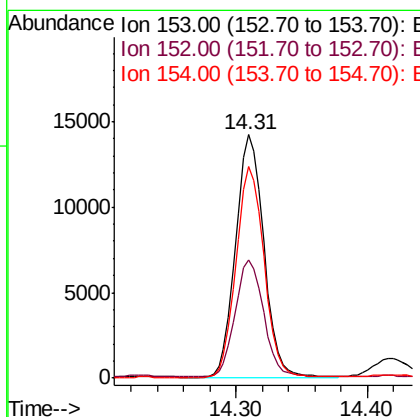
RT: 14.31 min Scan# 3852

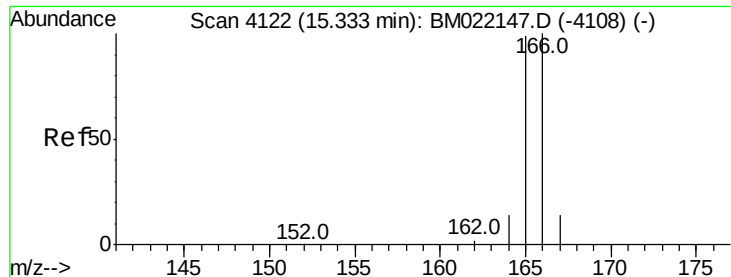
Delta R.T. -0.02 min

Lab File: BM022150.D

Acq: 15 Aug 2019 19:10

Tgt Ion:	153	Resp:	21020
Ion Ratio	Lower	Upper	
153	100		
152	48.4	41.3	61.9
154	87.2	72.3	108.5





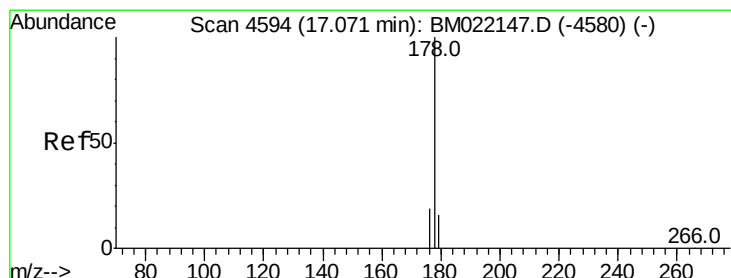
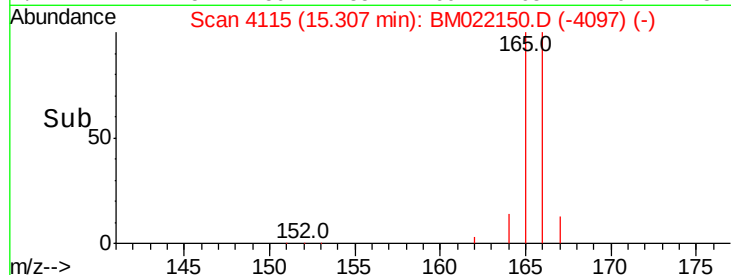
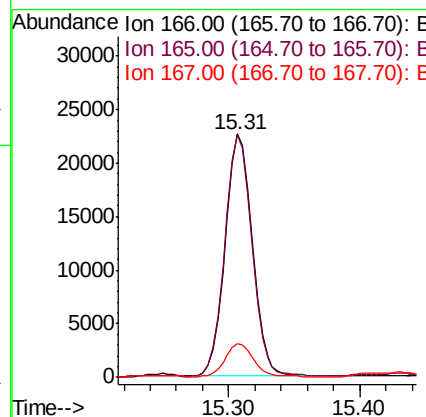
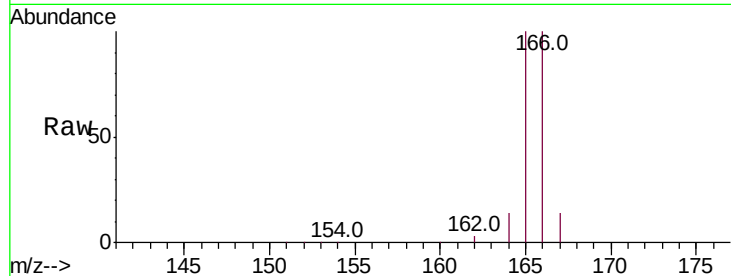
#9
Fluorene
Concen: 4.921 ng/ul
RT: 15.31 min Scan# 4115
Delta R.T. -0.03 min
Lab File: BM022150.D
Acq: 15 Aug 2019 19:10

Instrument :
BNA_M
ClientSampleId :
C0AG6

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.6	81.4	122.0
167	13.6	13.7	20.5

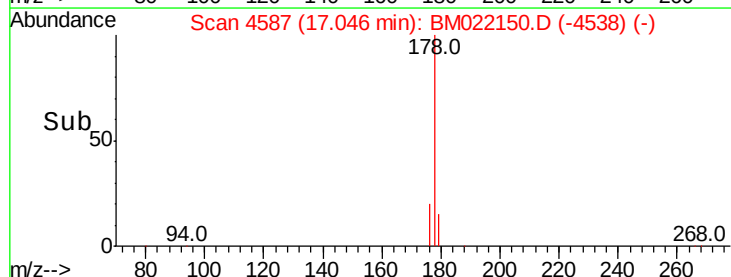
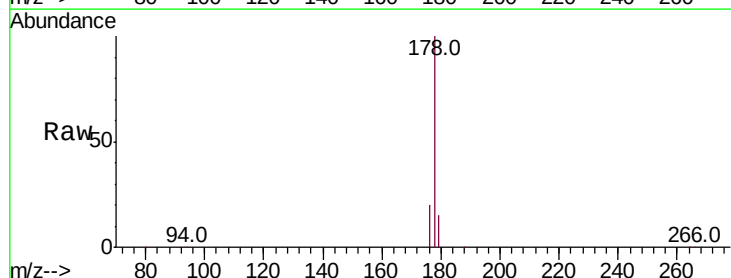
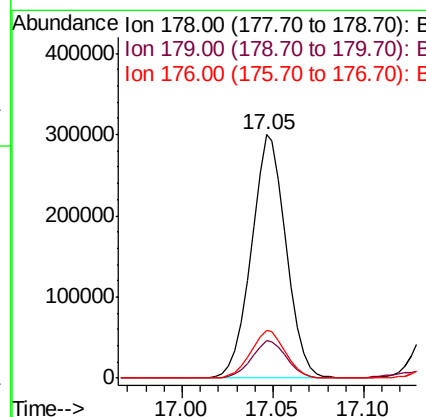
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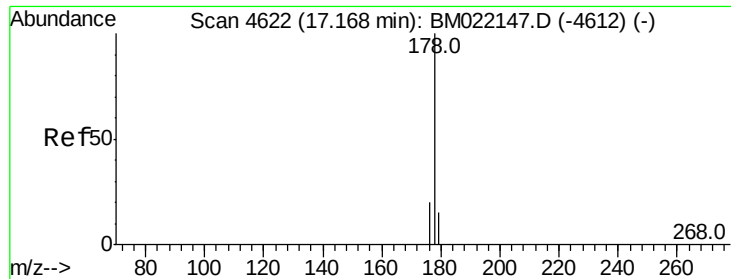
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#12
Phenanthrene
Concen: 36.924 ng/ul m
RT: 17.05 min Scan# 4587
Delta R.T. -0.03 min
Lab File: BM022150.D
Acq: 15 Aug 2019 19:10

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	14.2	21.2
176	19.8	16.8	25.2





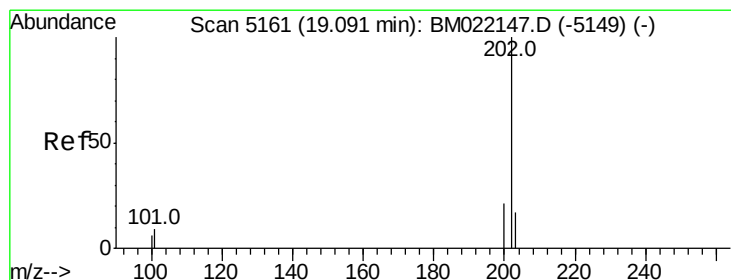
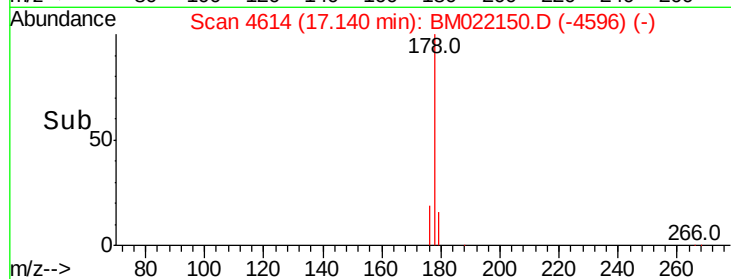
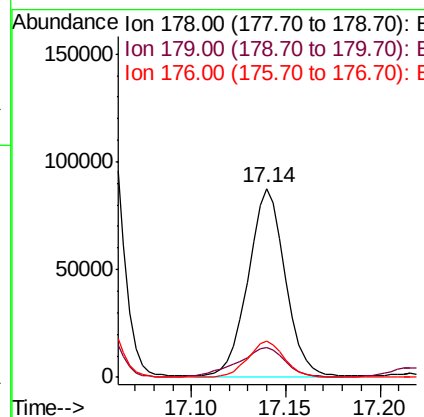
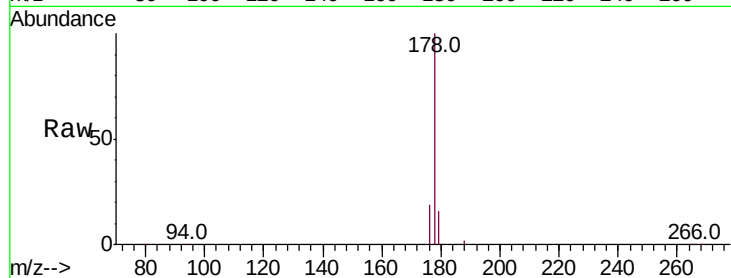
#13
 Anthracene
 Concen: 13.051 ng/ul m
 RT: 17.14 min Scan# 4614
 Delta R.T. -0.04 min
 Lab File: BM022150.D
 Acq: 15 Aug 2019 19:10

Instrument :
 BNA_M
 ClientSampleId :
 C0AG6

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.1	15.5	23.3
176	19.1	16.6	25.0

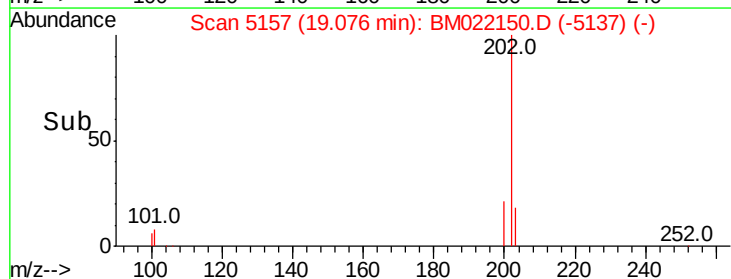
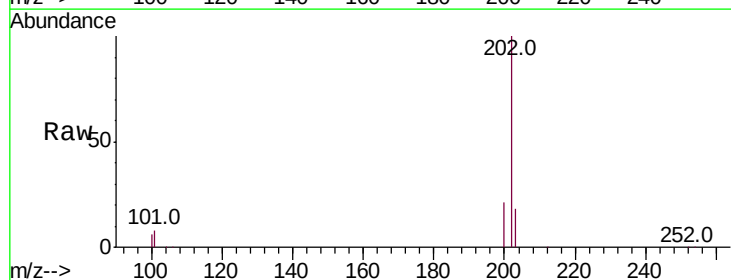
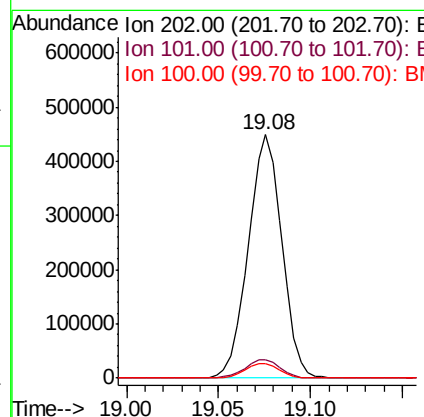
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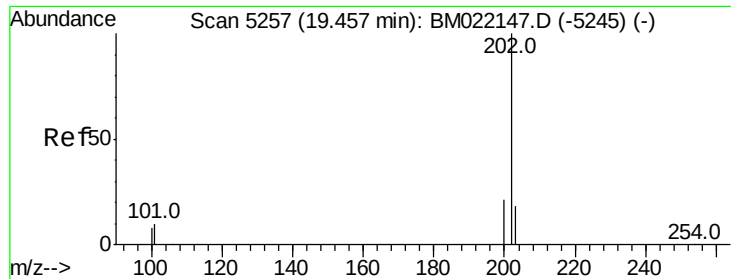
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#15
 Fluoranthene
 Concen: 38.862 ng/ul m
 RT: 19.08 min Scan# 5157
 Delta R.T. -0.02 min
 Lab File: BM022150.D
 Acq: 15 Aug 2019 19:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	30.2
100	6.0	0.0	28.1





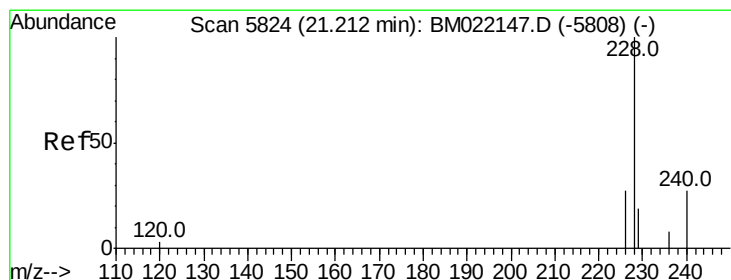
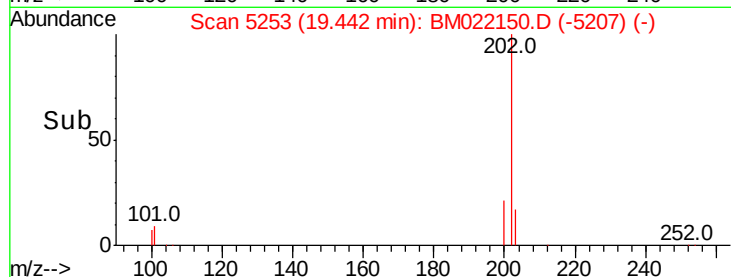
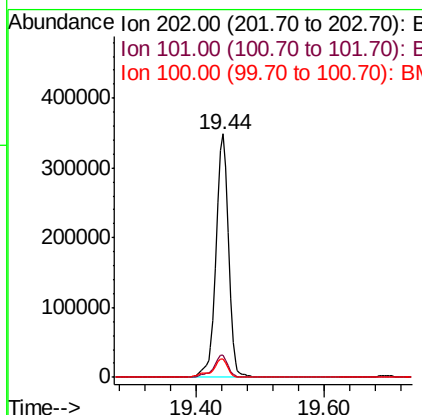
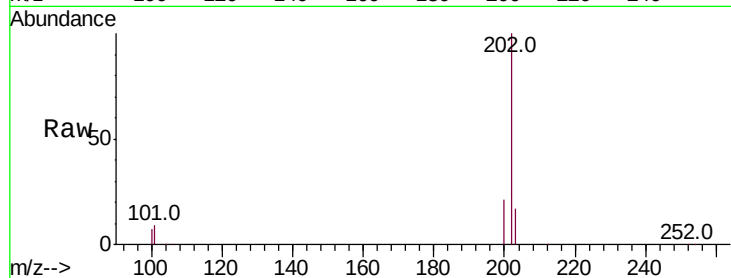
#17
Pvrene
Concen: 31.031 ng/ul
RT: 19.44 min Scan# 5253
Delta R.T. -0.02 min
Lab File: BM022150.D
Acq: 15 Aug 2019 19:10

Instrument :
BNA_M
ClientSampleId :
C0AG6

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.0	8.3	12.5
100	7.5	7.2	10.8

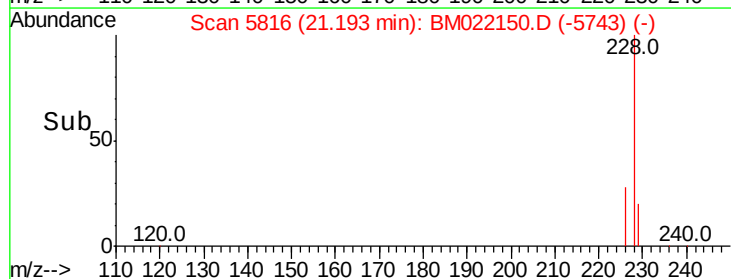
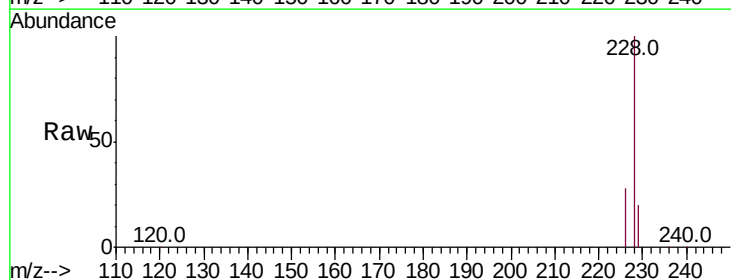
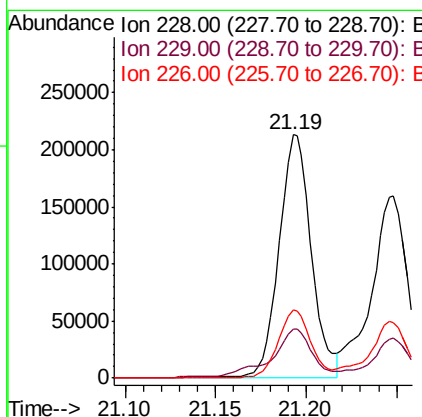
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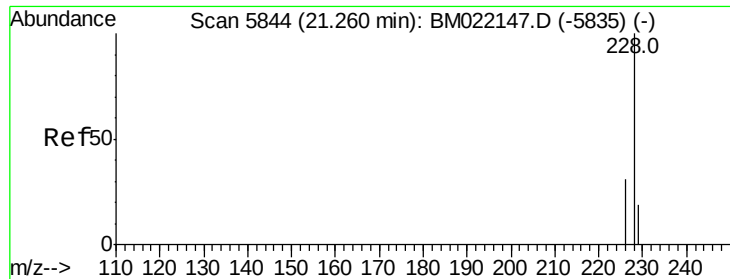
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#18
Benzo(a)anthracene
Concen: 20.617 ng/ul m
RT: 21.19 min Scan# 5816
Delta R.T. -0.02 min
Lab File: BM022150.D
Acq: 15 Aug 2019 19:10

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.1	17.2	25.8
226	28.3	22.6	34.0





#19

Chrysene

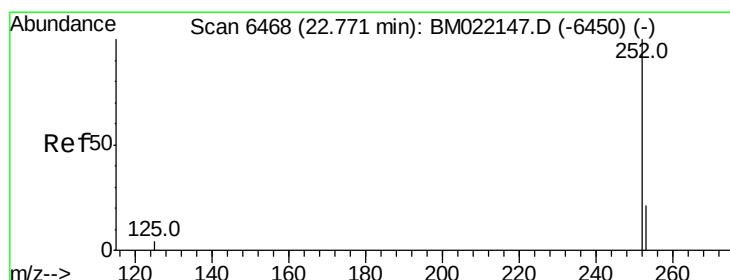
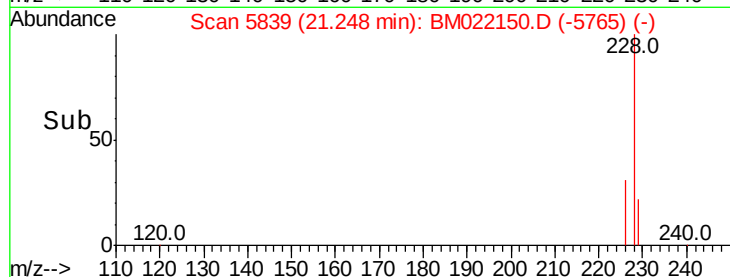
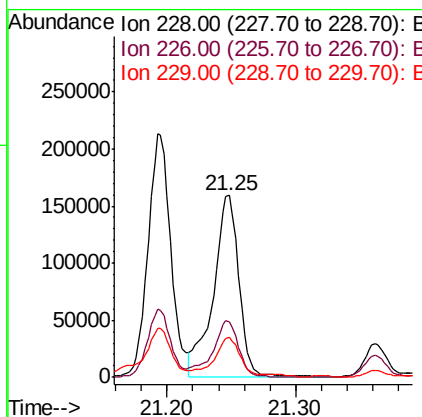
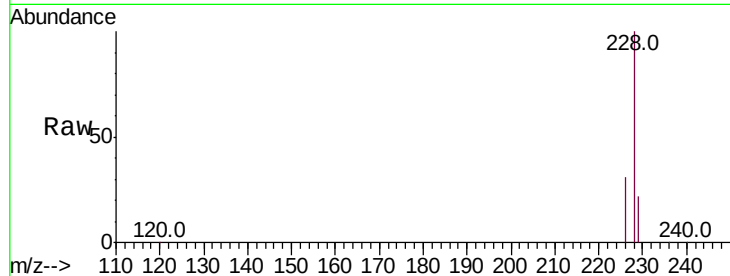
Concen: 13.192 ng/ul
 RT: 21.25 min Scan# 5839
 Delta R.T. -0.02 min
 Lab File: BM022150.D
 Acq: 15 Aug 2019 19:10

Instrument :
 BNA_M
 ClientSampled :
 C0AG6

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	21.9	16.6	25.0

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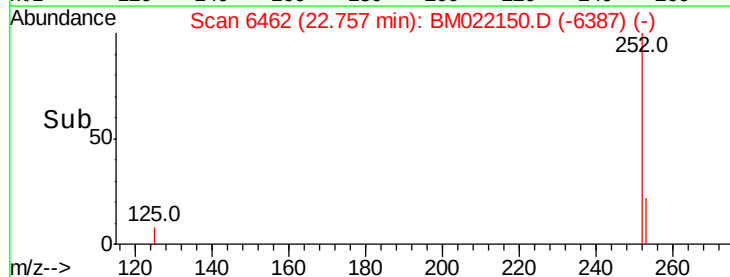
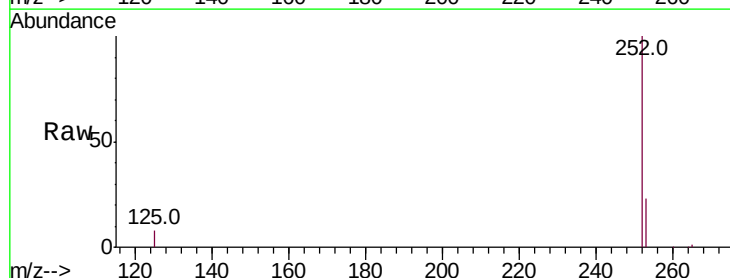
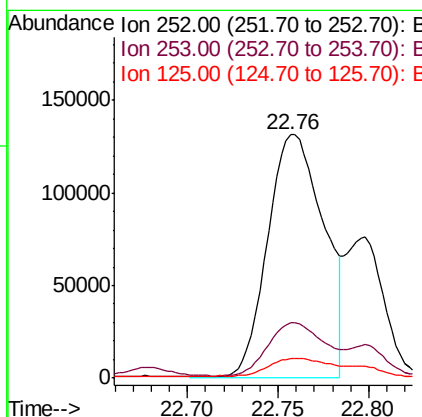


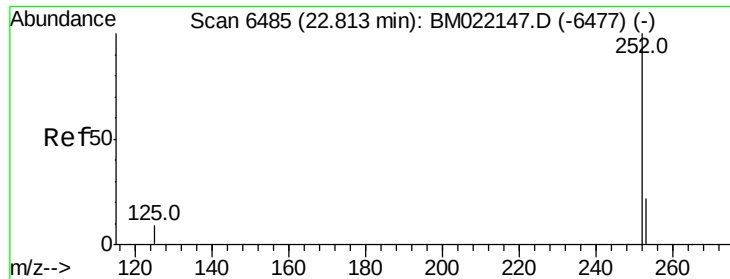
#21

Benzo(b)fluoranthene

Concen: 21.246 ng/ul m
 RT: 22.76 min Scan# 6462
 Delta R.T. -0.02 min
 Lab File: BM022150.D
 Acq: 15 Aug 2019 19:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.0	67.4
125	7.9	0.0	31.0





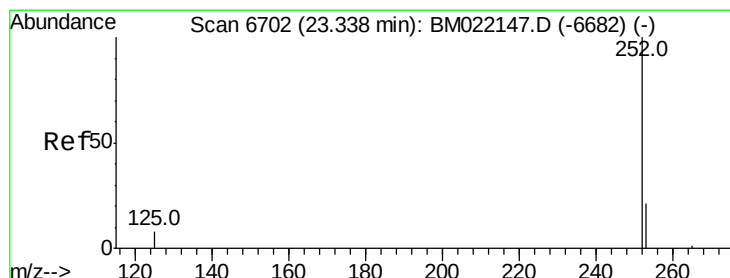
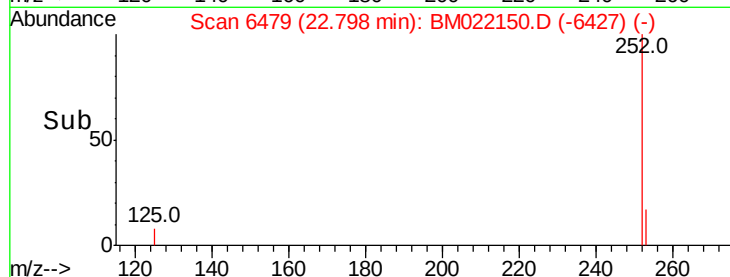
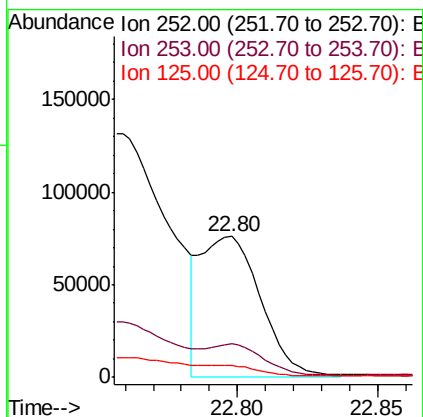
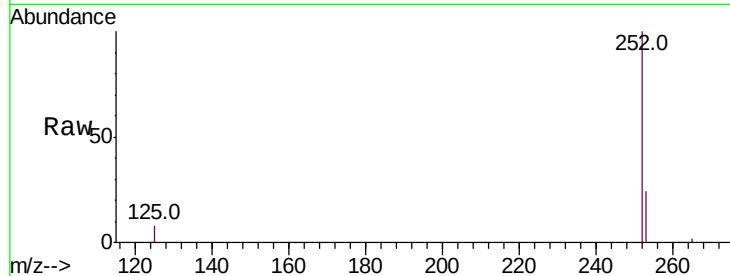
#22
Benzo(k)fluoranthene
Concen: 7.597 ng/ul m
RT: 22.80 min Scan# 6479
Delta R.T. -0.02 min
Lab File: BM022150.D
Acq: 15 Aug 2019 19:10

Instrument :
BNA_M
ClientSampleId :
C0AG6

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	23.6	27.0	40.4#	
125	8.4	12.2	18.2#	

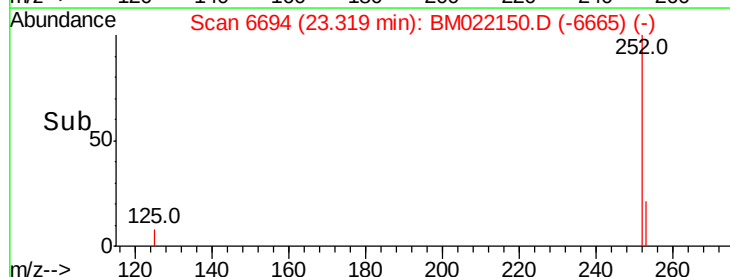
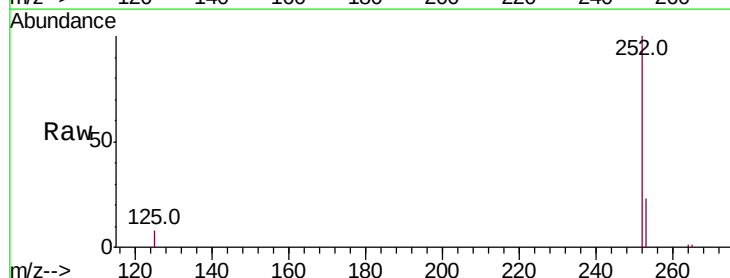
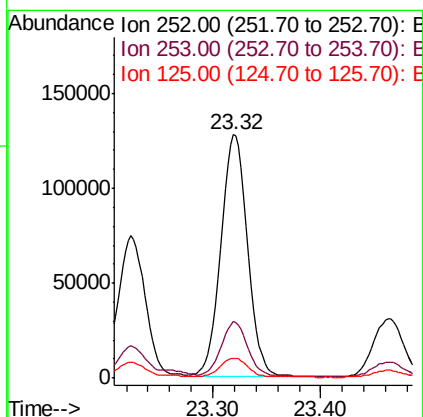
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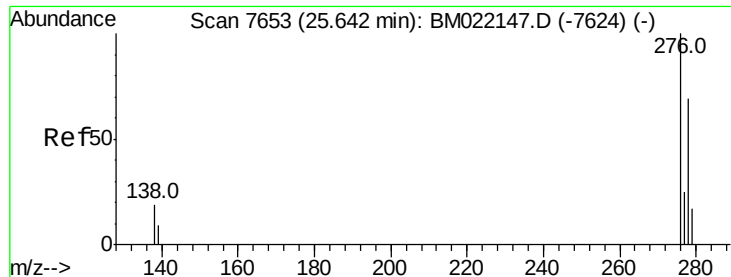
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#23
Benzo(a)pyrene
Concen: 16.443 ng/ul
RT: 23.32 min Scan# 6694
Delta R.T. -0.03 min
Lab File: BM022150.D
Acq: 15 Aug 2019 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	23.1	31.7	47.5#	
125	8.3	14.6	21.8#	





#24

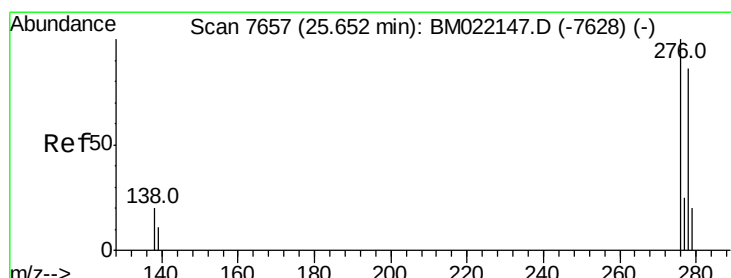
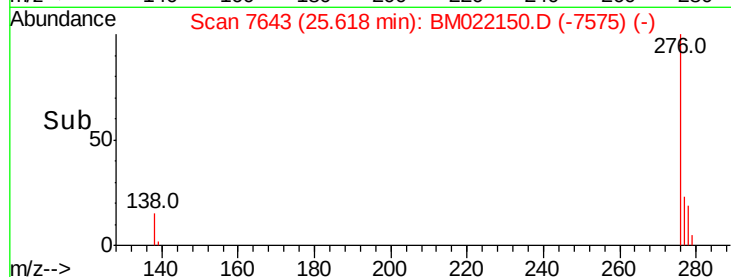
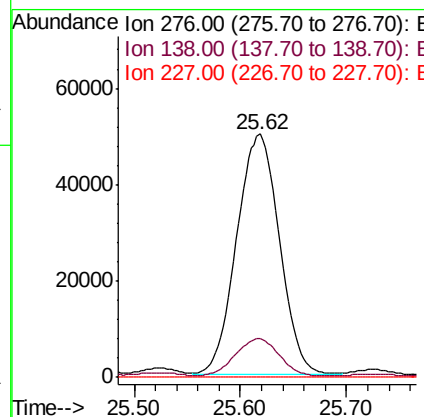
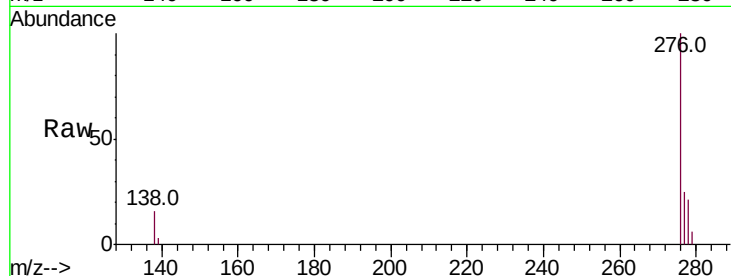
Indeno(1,2,3-cd)pyrene
Concen: 8.484 ng/ul
RT: 25.62 min Scan# 7643
Delta R.T. -0.04 min
Lab File: BM022150.D
Acq: 15 Aug 2019 19:10

Instrument :
BNA_M
ClientSampleId :
C0AG6

Tot Ion	Ratio	Resp	Lower	Upper
276	100	136810		
138	15.8		15.1	22.7
227	0.0		0.0	0.0

Manual Integrations
APPROVED

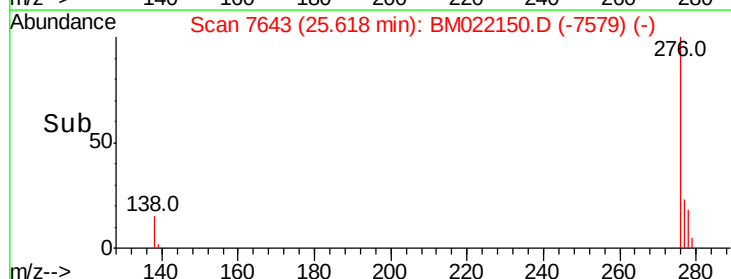
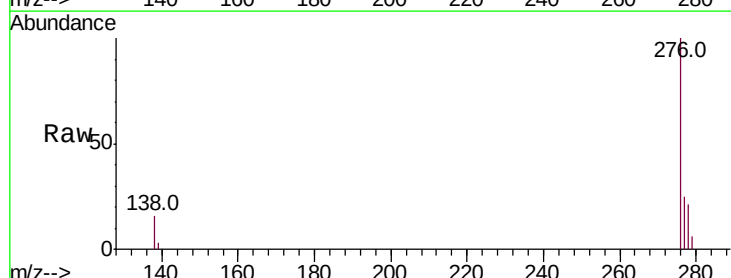
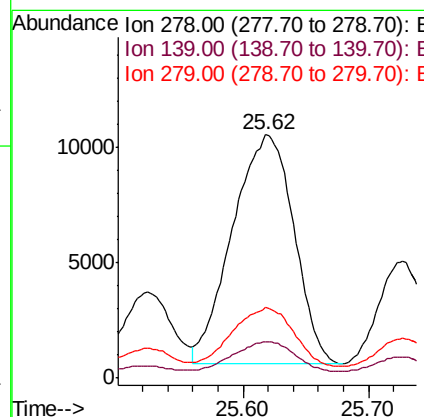
mohammad
8/19/2019 10:45:41 AM

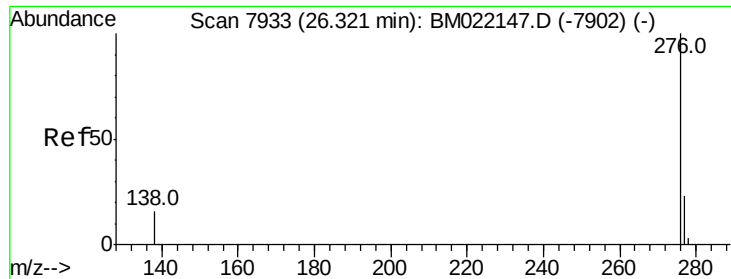


#25

Dibenzo(a,h)anthracene
Concen: 2.577 ng/ul
RT: 25.62 min Scan# 7643
Delta R.T. -0.05 min
Lab File: BM022150.D
Acq: 15 Aug 2019 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	33591		
139	15.0		14.2	21.2
279	29.1		28.3	42.5





#26

Benzo(a,h,i)perylene

Concen: 7.676 ng/ul

RT: 26.30 min Scan# 7923

Delta R.T. -0.04 min

Lab File: BM022150.D

Acq: 15 Aug 2019 19:10

Instrument :

BNA_M

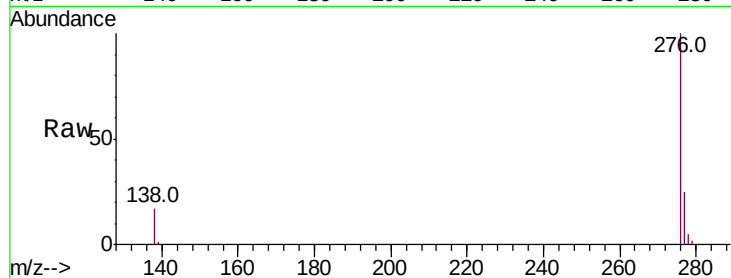
ClientSampleId :

C0AG6

Tot Ion:	276	Resp:	111432
Ion Ratio	Lower	Upper	
276	100		
138	16.6	15.5	23.3
277	25.1	21.4	32.2

Manual Integrations
APPROVED

mohammad
8/19/2019 10:45:41 AM



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

