

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
 Data File : BM021985.D
 Acq On : 10 Aug 2019 00:46
 Operator : HP/JU
 Sample : K4116-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLLD9

Manual Integrations
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Quant Time: Aug 10 07:42:28 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 09 01:29:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	883	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.40	136	3788	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	2054	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.02	188	4565m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	4482m	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	4326m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	1041	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	2540m	0.17	ng/ul	-0.02
Target Compounds				Qvalue		
3) Naphthalene	10.45	128	298	0.028	ng/ul#	62
7) Acenaphthylene	13.99	152	498	0.052	ng/ul#	74
9) Fluorene	15.33	166	273	0.031	ng/ul#	91
12) Phenanthrene	17.07	178	7145	0.538	ng/ul	98
13) Anthracene	17.16	178	1355m	0.120	ng/ul	
15) Fluoranthene	19.09	202	16120m	0.906	ng/ul	
17) Pyrene	19.46	202	15028m	0.816	ng/ul	
18) Benzo(a)anthracene	21.21	228	8751	0.546	ng/ul	98
19) Chrysene	21.27	228	9552	0.463	ng/ul	97
21) Benzo(b)fluoranthene	22.78	252	14210m	0.974	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	4136m	0.251	ng/ul	
23) Benzo(a)pyrene	23.34	252	9585m	0.646	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.65	276	6887m	0.389	ng/ul	
25) Dibenzo(a,h)anthracene	25.65	278	1669m	0.117	ng/ul	
26) Benzo(g,h,i)perylene	26.33	276	7220m	0.453	ng/ul	

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

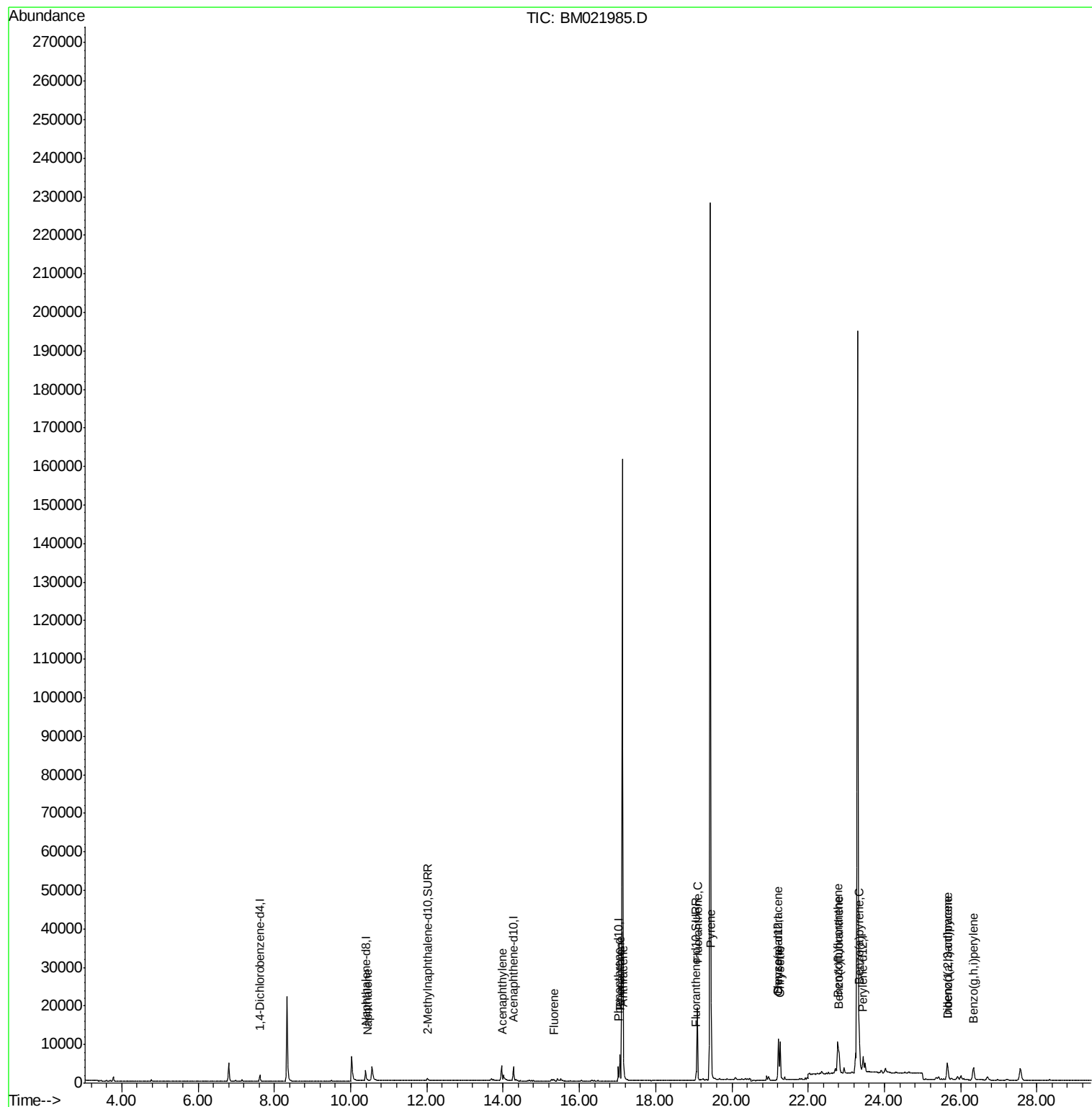
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
Data File : BM021985.D
Acq On : 10 Aug 2019 00:46
Operator : HP/JU
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Misc :
ALS Vial : 22 Sample Multiplier: 1

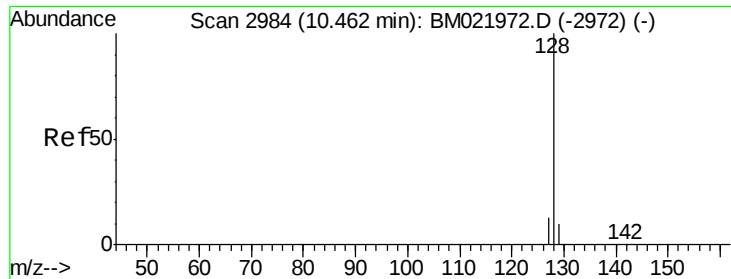
Instrument :
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#3

Naphthalene

Concen: 0.028 ng/ul

RT: 10.45 min Scan# 2981

Delta R.T. -0.02 min

Lab File: BM021985.D

Acq: 10 Aug 2019 00:46

Instrument :

BNA_M

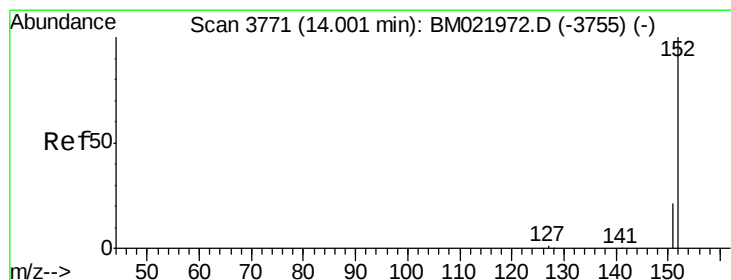
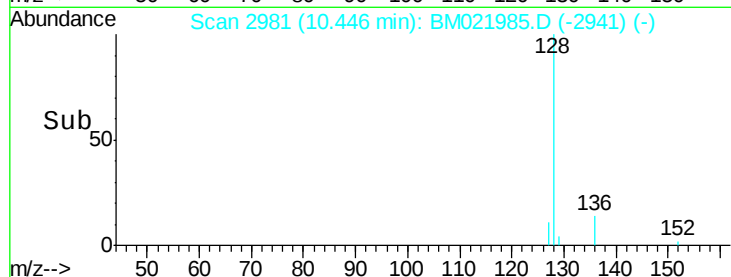
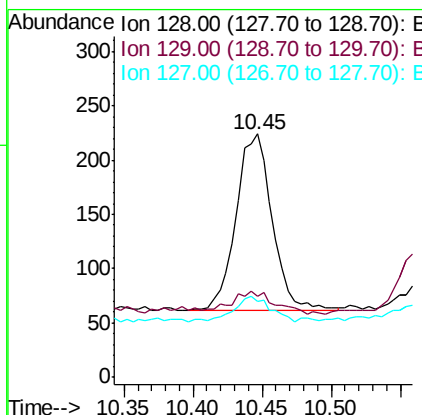
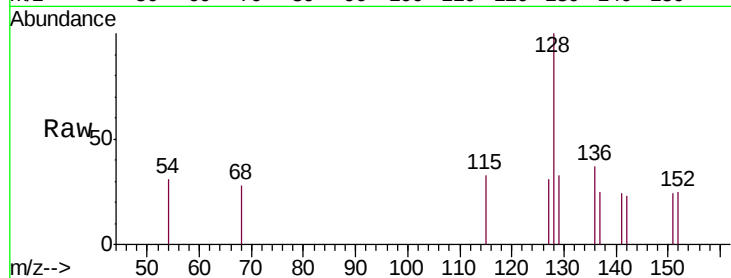
ClientSampleId :

JLLD9

Tgt Ion	Ratio	Lower	Upper
128	100		
129	33.0	12.3	18.5#
127	31.3	13.0	19.6#

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#7

Acenaphthylene

Concen: 0.052 ng/ul

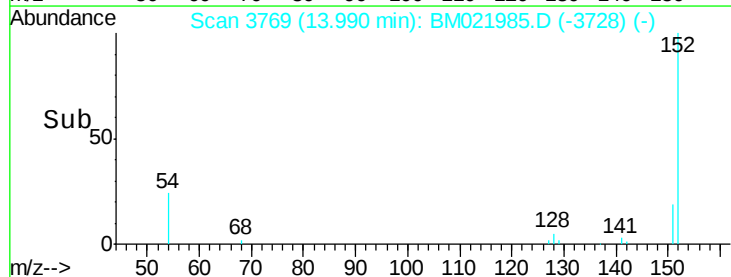
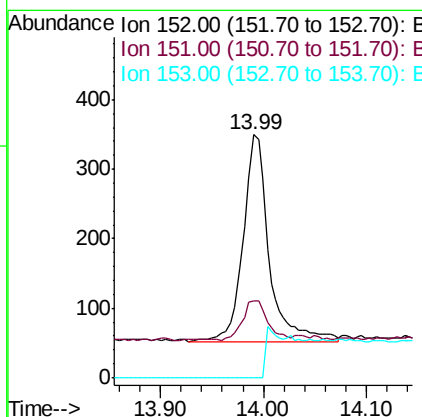
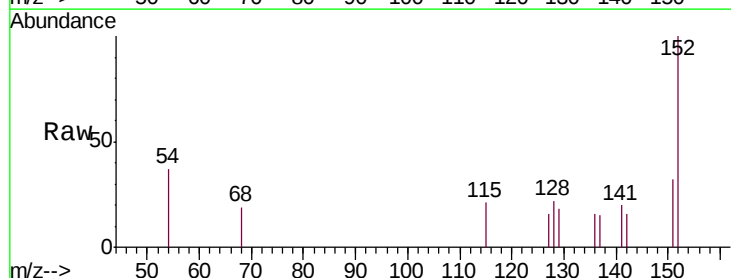
RT: 13.99 min Scan# 3769

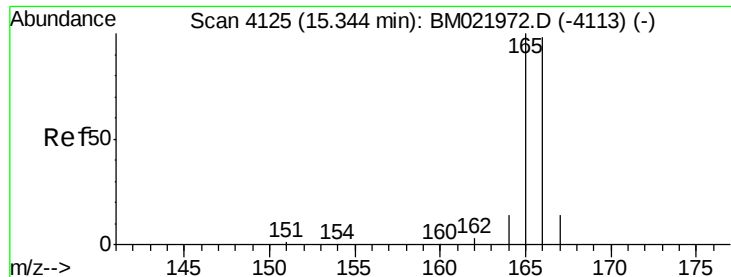
Delta R.T. -0.02 min

Lab File: BM021985.D

Acq: 10 Aug 2019 00:46

Tgt Ion	Ratio	Lower	Upper
152	100		
151	31.7	18.3	27.5#
153	0.0	12.8	19.2#





#9

Fluorene

Concen: 0.031 ng/ul

RT: 15.33 min Scan# 4122

Delta R.T. -0.02 min

Lab File: BM021985.D

Acq: 10 Aug 2019 00:46

Instrument :

BNA_M

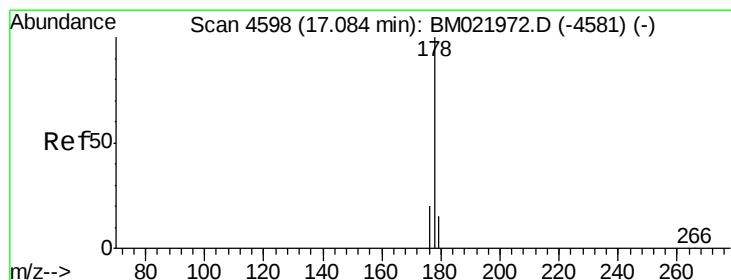
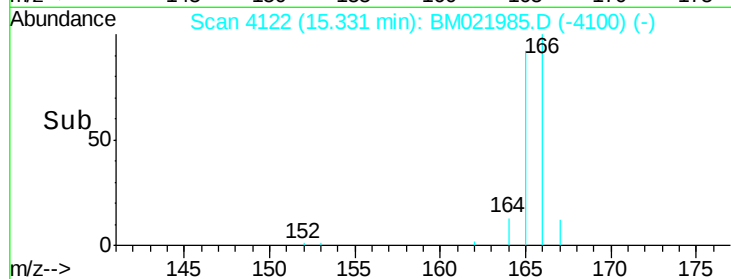
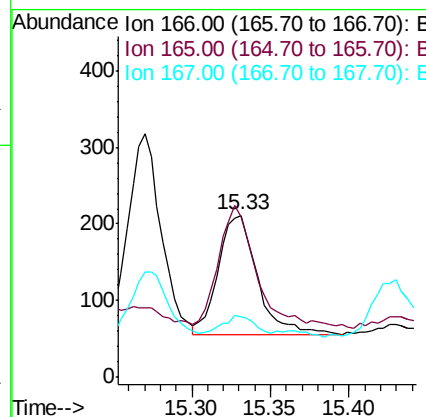
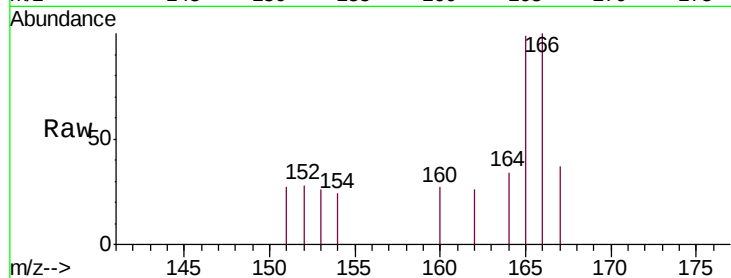
ClientSampled :

JLLD9

Tgt Ion:	166	Resp:	273
Ion Ratio	Lower	Upper	
166	100		
165	99.1	81.4	122.0
167	37.0	13.7	20.5#

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#12

Phenanthrene

Concen: 0.538 ng/ul

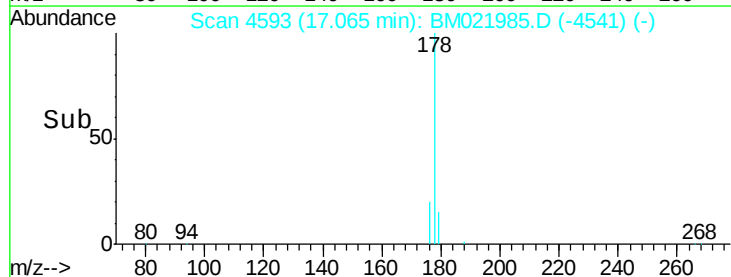
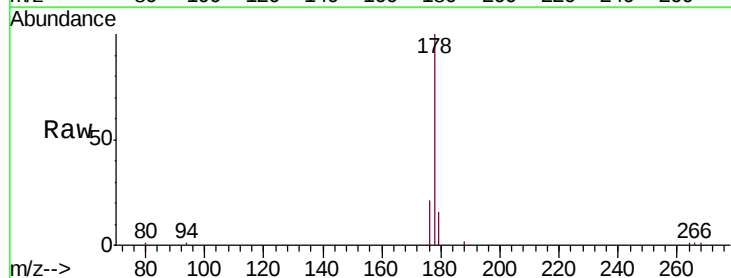
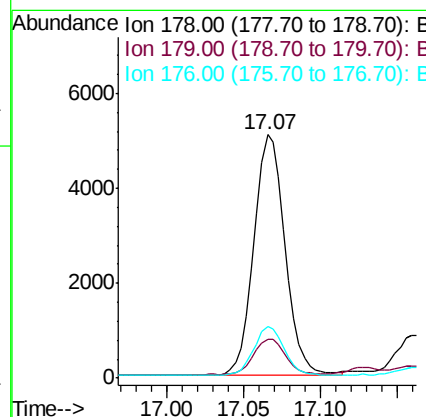
RT: 17.07 min Scan# 4593

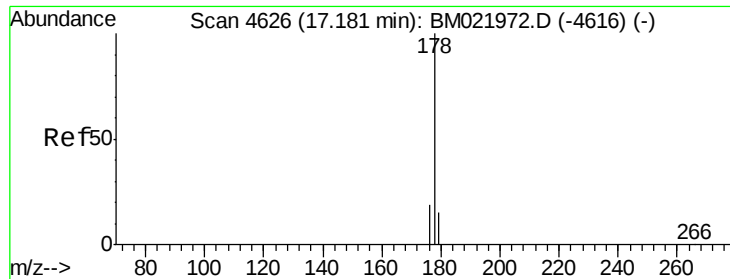
Delta R.T. -0.02 min

Lab File: BM021985.D

Acq: 10 Aug 2019 00:46

Tgt Ion:	178	Resp:	7145
Ion Ratio	Lower	Upper	
178	100		
179	16.2	14.2	21.2
176	21.0	16.8	25.2





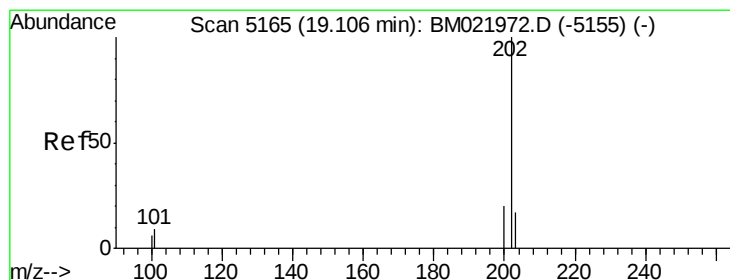
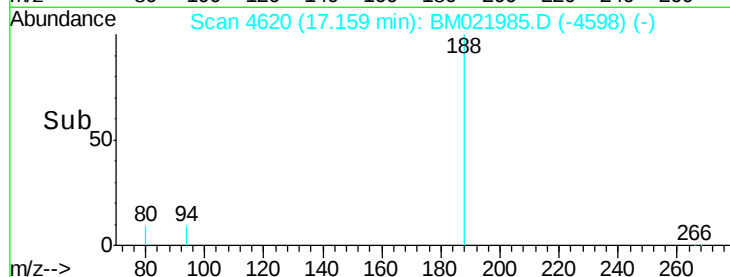
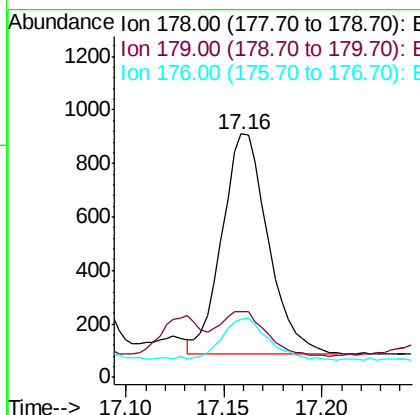
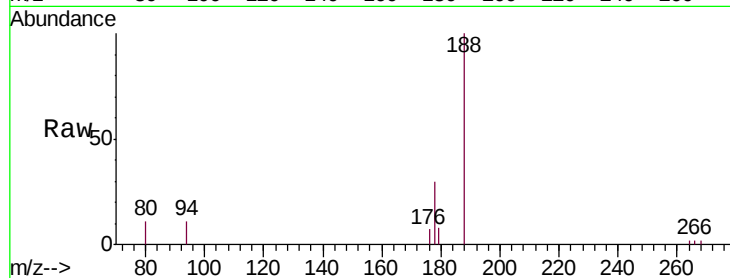
#13
 Anthracene
 Concen: 0.120 ng/ul m
 RT: 17.16 min Scan# 4620
 Delta R.T. -0.02 min
 Lab File: BM021985.D
 Acq: 10 Aug 2019 00:46

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	26.8	15.5	23.3#
176	24.0	16.6	25.0

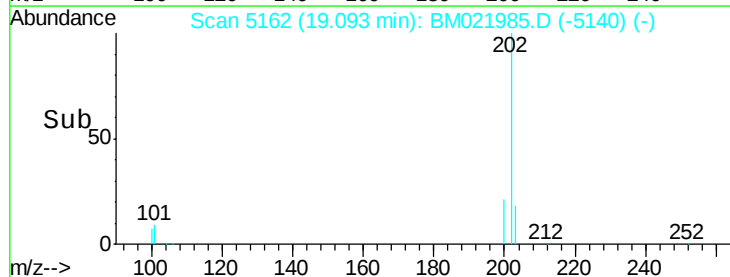
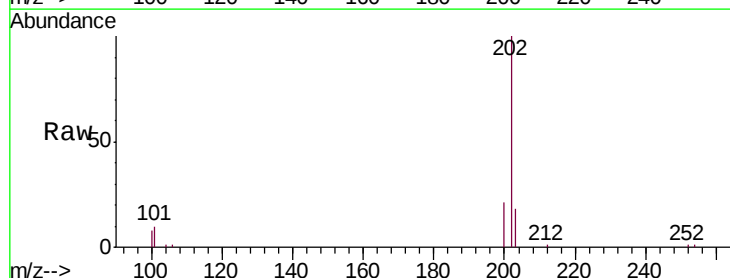
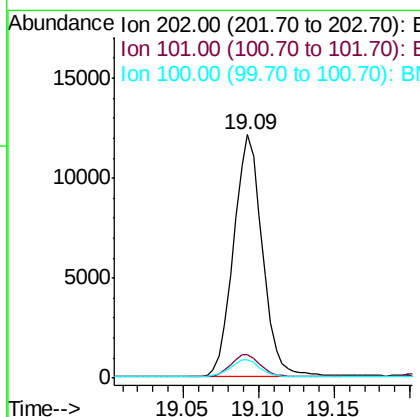
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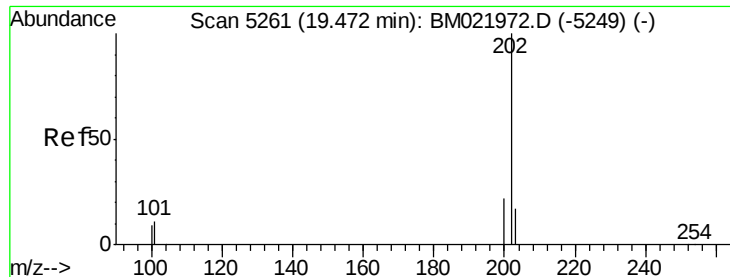
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#15
 Fluoranthene
 Concen: 0.906 ng/ul m
 RT: 19.09 min Scan# 5162
 Delta R.T. -0.02 min
 Lab File: BM021985.D
 Acq: 10 Aug 2019 00:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.2
100	7.6	0.0	28.1





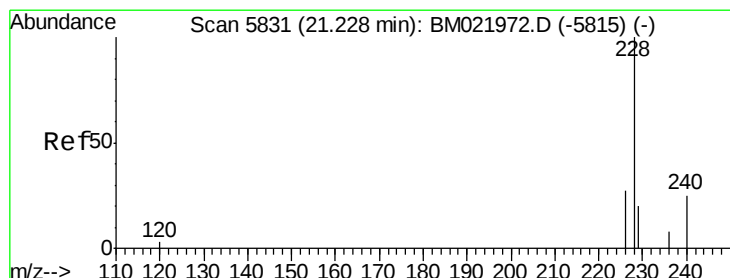
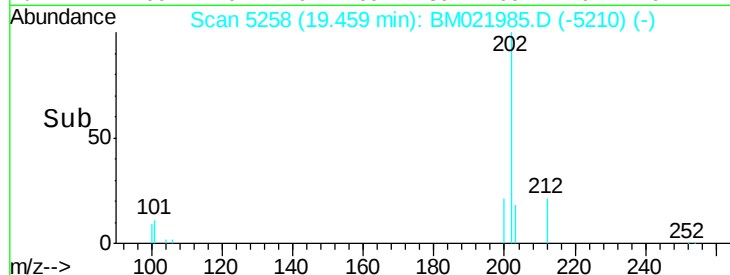
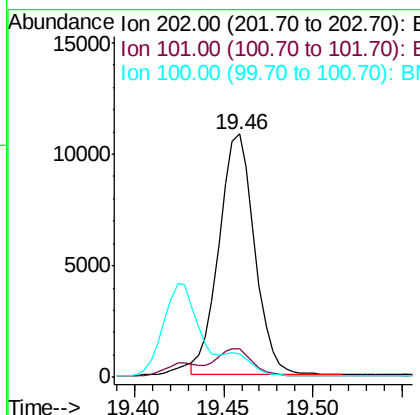
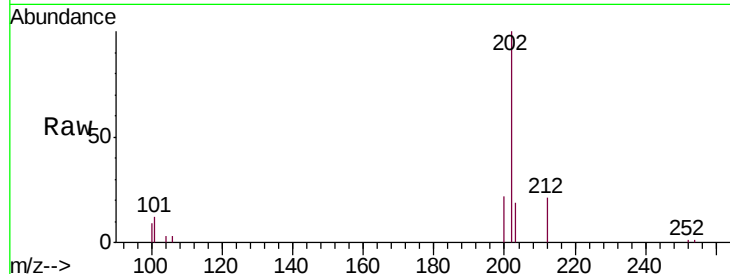
#17
Pyrene
Concen: 0.816 ng/ul m
RT: 19.46 min Scan# 5258
Delta R.T. -0.02 min
Lab File: BM021985.D
Acq: 10 Aug 2019 00:46

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.7	8.3	12.5
100	9.5	7.2	10.8

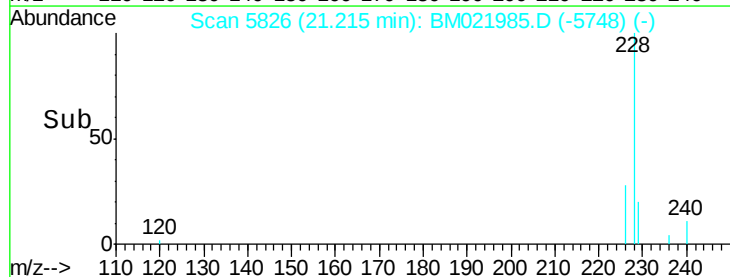
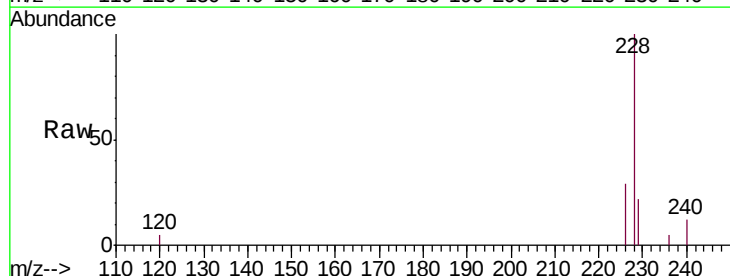
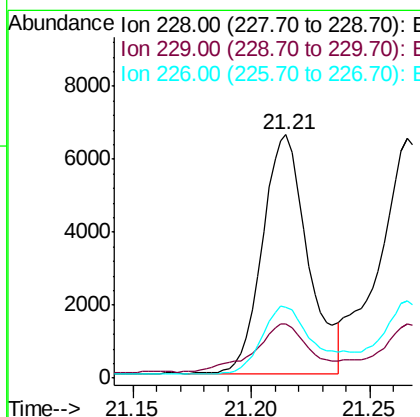
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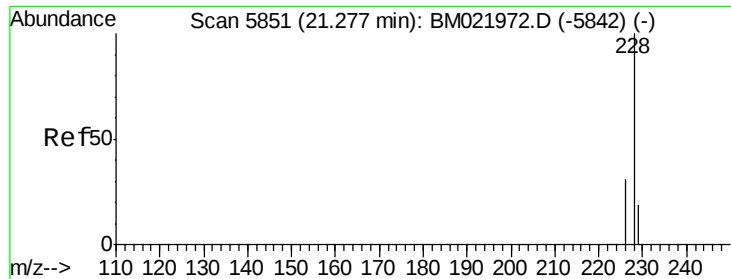
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#18
Benzo(a)anthracene
Concen: 0.546 ng/ul
RT: 21.21 min Scan# 5826
Delta R.T. -0.01 min
Lab File: BM021985.D
Acq: 10 Aug 2019 00:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	22.1	17.2	25.8
226	29.4	22.6	34.0





#19

Chrysene

Concen: 0.463 ng/ul

RT: 21.27 min Scan# 5847

Delta R.T. -0.01 min

Lab File: BM021985.D

Acq: 10 Aug 2019 00:46

Instrument :

BNA_M

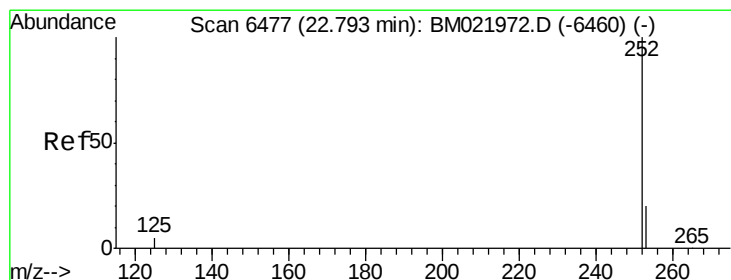
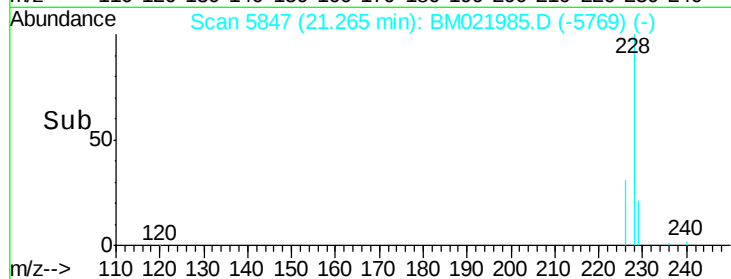
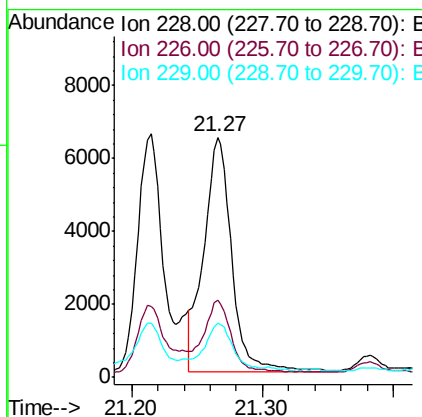
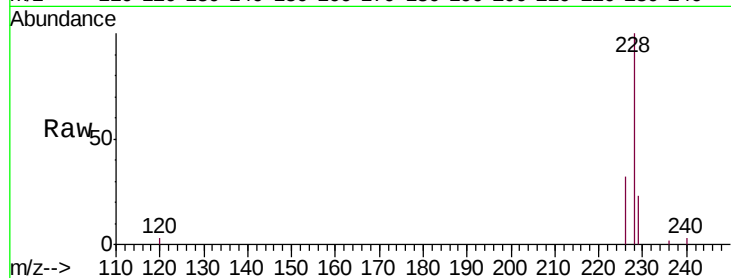
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Tgt Ion:	228	Resp:	9552
Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.9	37.3
229	22.7	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 0.974 ng/ul m

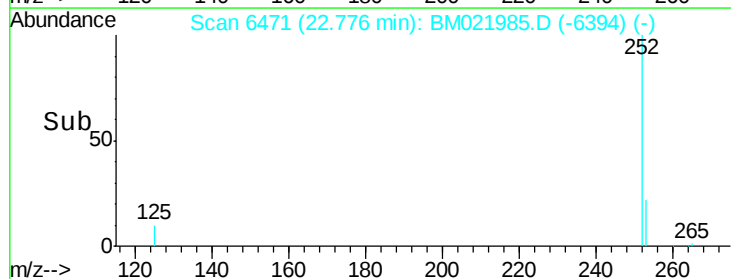
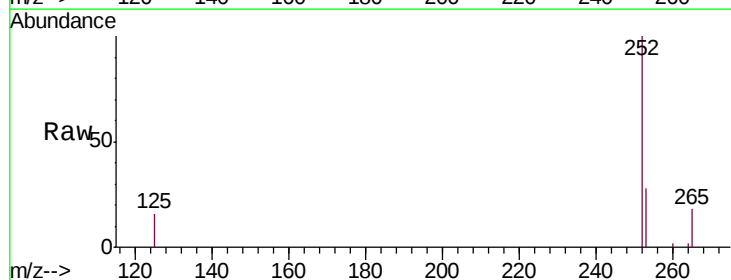
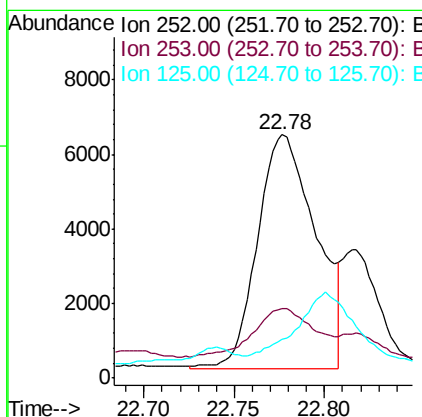
RT: 22.78 min Scan# 6471

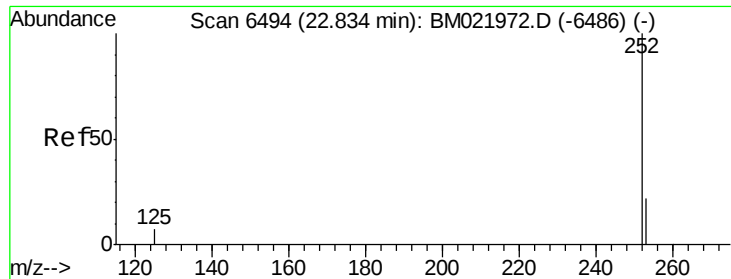
Delta R.T. -0.01 min

Lab File: BM021985.D

Acq: 10 Aug 2019 00:46

Tgt Ion:	252	Resp:	14210
Ion	Ratio	Lower	Upper
252	100		
253	28.5	0.0	67.4
125	15.8	0.0	31.0





#22

Benzo(k)fluoranthene

Concen: 0.251 ng/ul m

RT: 22.82 min Scan# 6487

Delta R.T. -0.02 min

Lab File: BM021985.D

Acq: 10 Aug 2019 00:46

Instrument :

BNA_M

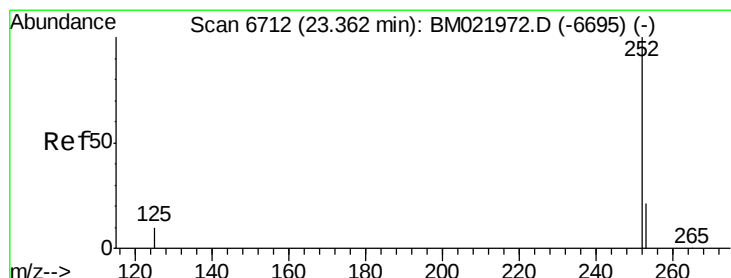
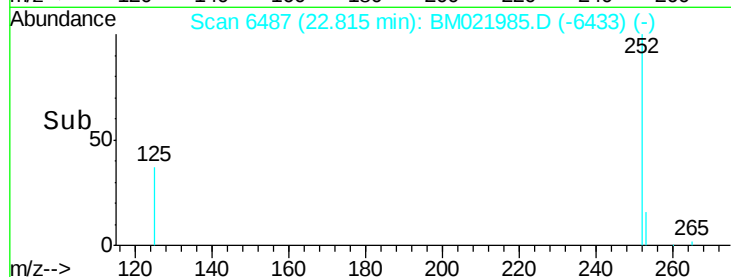
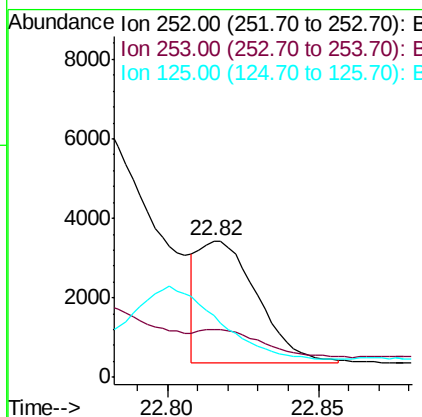
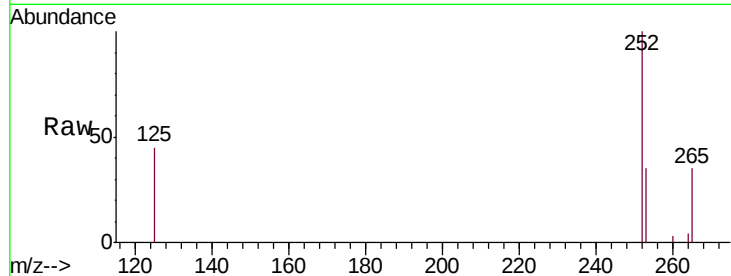
ClientSampleId :

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Tgt Ion:	252	Resp:	4136
Ion Ratio	Lower	Upper	
252	100		
253	34.7	27.0	40.4
125	44.9	12.2	18.2

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#23

Benzo(a)pyrene

Concen: 0.646 ng/ul m

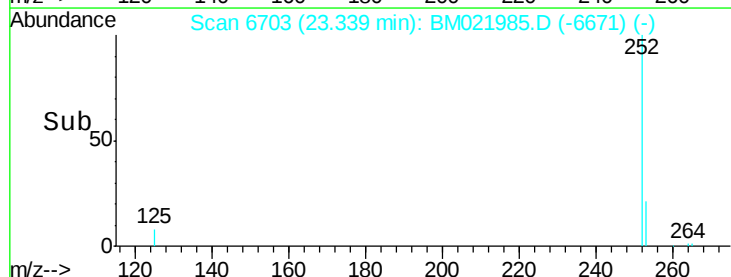
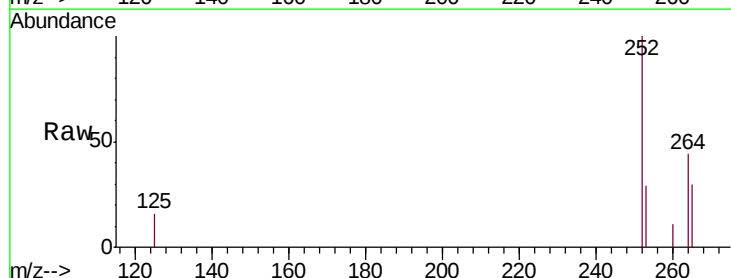
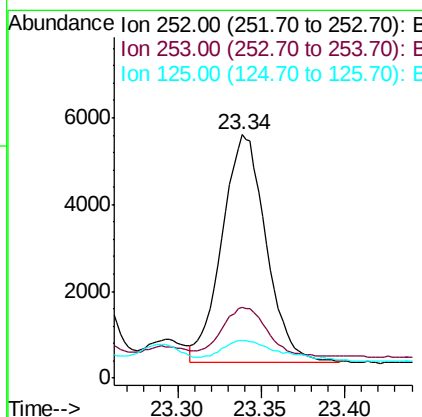
RT: 23.34 min Scan# 6703

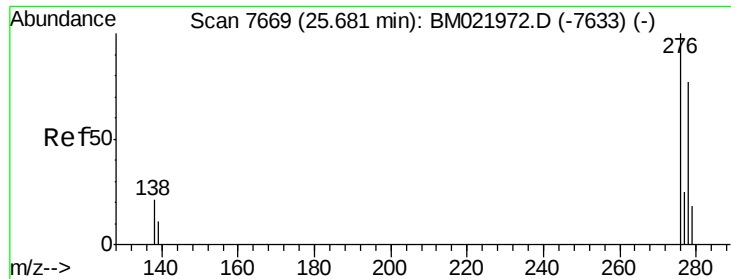
Delta R.T. -0.02 min

Lab File: BM021985.D

Acq: 10 Aug 2019 00:46

Tgt Ion:	252	Resp:	9585
Ion Ratio	Lower	Upper	
252	100		
253	29.3	31.7	47.5
125	15.6	14.6	21.8





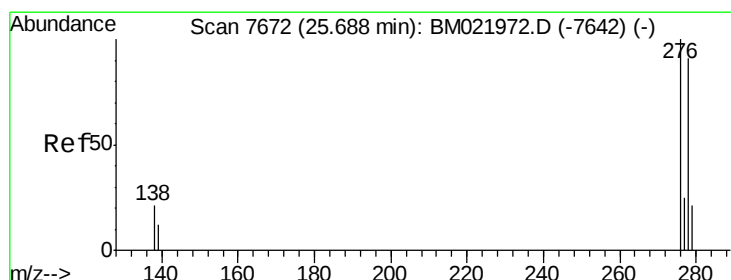
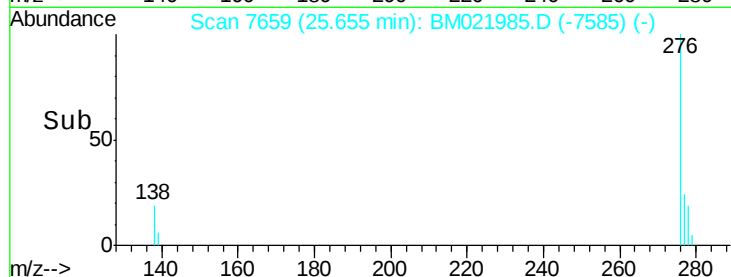
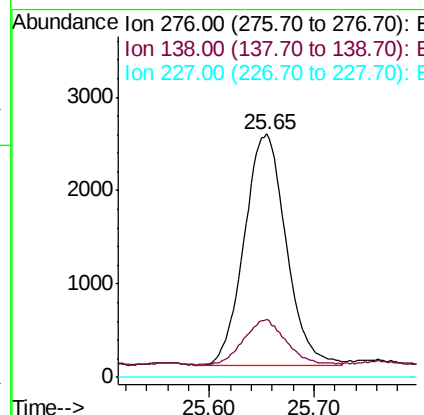
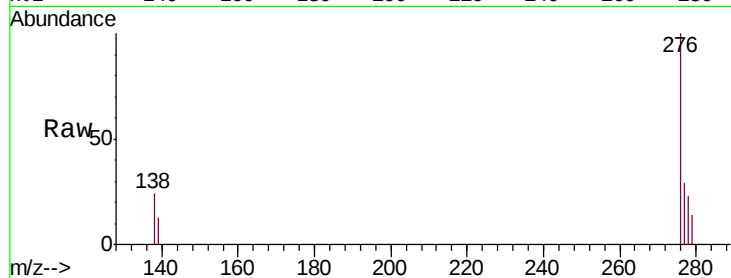
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.389 ng/ul m
 RT: 25.65 min Scan# 7659
 Delta R.T. -0.02 min
 Lab File: BM021985.D
 Acq: 10 Aug 2019 00:46

Instrument :
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	4.9	15.1	22.7#
227	0.0	0.0	0.0

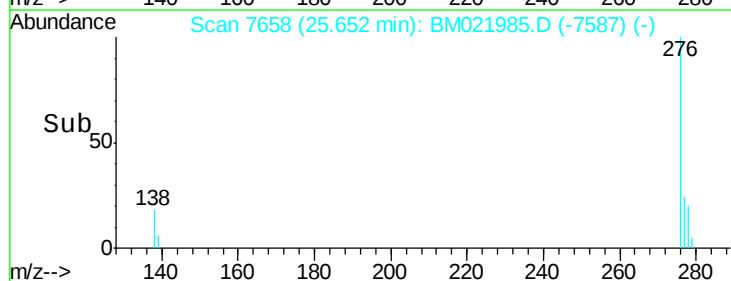
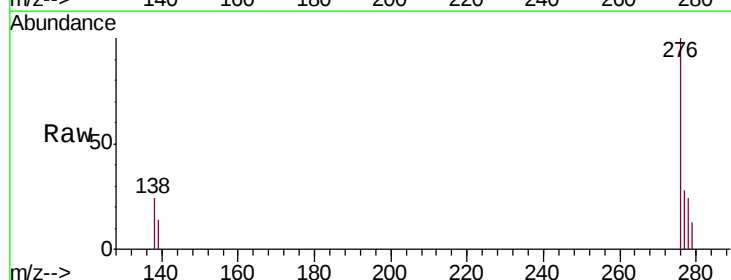
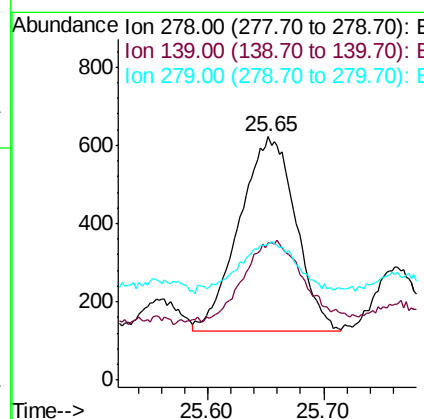
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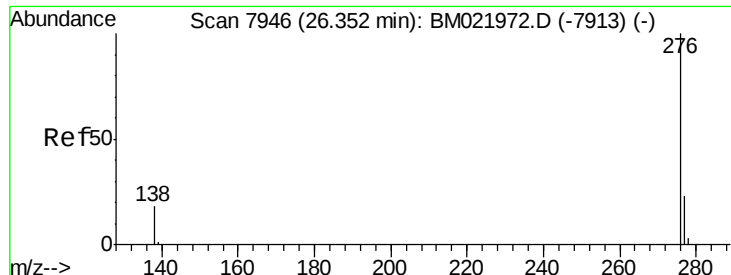
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.117 ng/ul m
 RT: 25.65 min Scan# 7658
 Delta R.T. -0.03 min
 Lab File: BM021985.D
 Acq: 10 Aug 2019 00:46

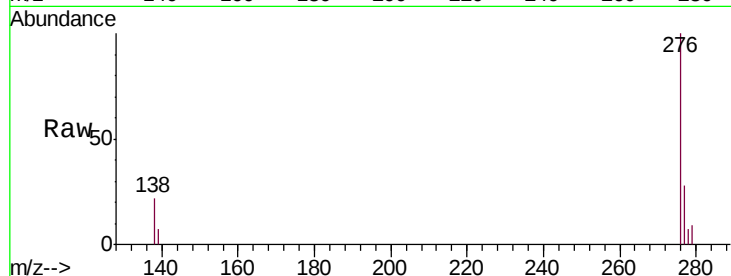
Tgt Ion	Ratio	Lower	Upper
278	100		
139	56.3	14.2	21.2#
279	55.6	28.3	42.5#





#26
 Benzo(g,h,i)perylene
 Concen: 0.453 ng/ul m
 RT: 26.33 min Scan# 7938
 Delta R.T. -0.03 min
 Lab File: BM021985.D
 Acq: 10 Aug 2019 00:46

Instrument :
 BNA_M
 ClientSampleId :
 JLLD9



Tgt	Ion	276	Resp:	7220
	Ion	Ratio	Lower	Upper
	276	100		
	138	21.8	15.5	23.3
	277	27.8	21.4	32.2

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:36:14 AM

