

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
 Data File : BM022005.D
 Acq On : 10 Aug 2019 20:08
 Operator : HP/JU
 Sample : K4041-20
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX3

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:46:47 AM

Quant Time: Aug 11 02:27:57 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 : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	815	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	3459	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	1903	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.02	188	4495m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	4173m	0.40	ng/ul	-0.02
20) Perylene-d12	23.44	264	5066	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1340	0.23	ng/ul	-0.02
14) Fluoranthene-d10	19.06	212	3777m	0.25	ng/ul	-0.02
Target Compounds					Qvalue	
3) Naphthalene	10.43	128	215	0.022	ng/ul#	47
7) Acenaphthylene	13.99	152	637	0.072	ng/ul#	74
8) Acenaphthene	14.32	153	354	0.049	ng/ul	94
9) Fluorene	15.33	166	412	0.051	ng/ul#	96
12) Phenanthrene	17.06	178	7330m	0.560	ng/ul	
13) Anthracene	17.15	178	2114m	0.189	ng/ul	
15) Fluoranthene	19.09	202	20167m	1.151	ng/ul	
17) Pyrene	19.45	202	26776	1.561	ng/ul	99
18) Benzo(a)anthracene	21.21	228	13888	0.930	ng/ul	99
19) Chrysene	21.26	228	16229	0.845	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	16482m	0.965	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	6386m	0.330	ng/ul	
23) Benzo(a)pyrene	23.34	252	13651	0.786	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	25.65	276	7997	0.386	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.64	278	2174	0.130	ng/ul#	72
26) Benzo(g,h,i)perylene	26.33	276	8164	0.437	ng/ul	99

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

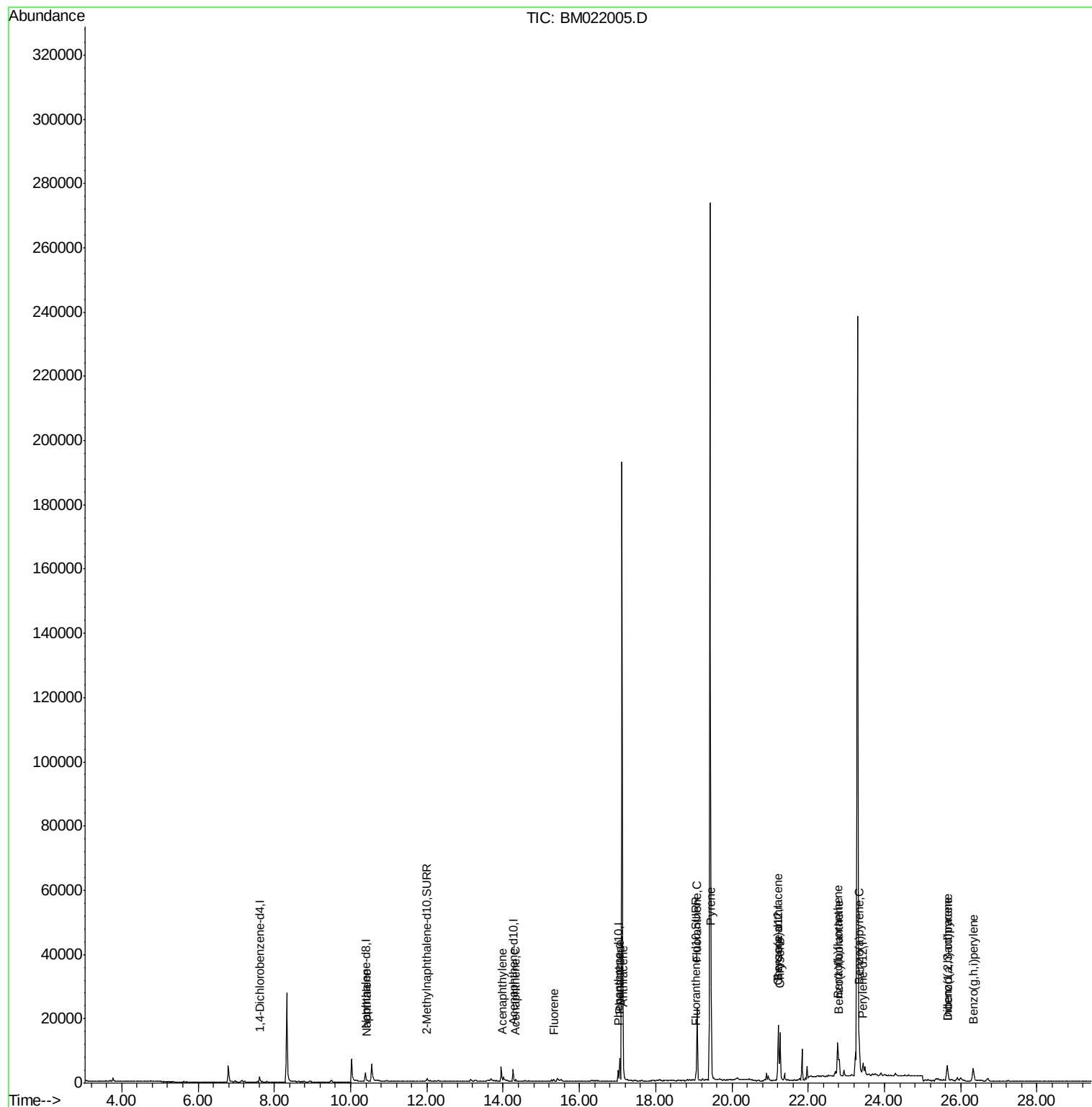
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
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ALS Vial : 42 Sample Multiplier: 1

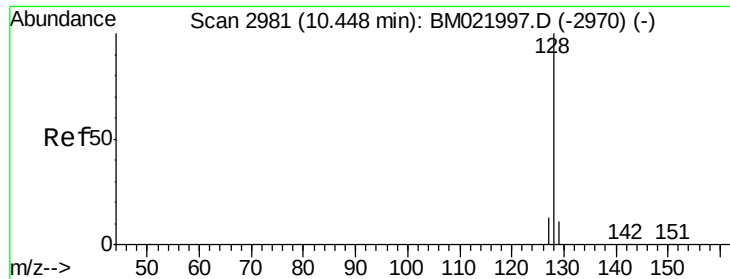
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
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QLast Update : Sun Aug 11 01:49:36 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.022 ng/ul

RT: 10.43 min Scan# 2978

Delta R.T. -0.03 min

Lab File: BM022005.D

Acq: 10 Aug 2019 20:08

Instrument :

BNA_M

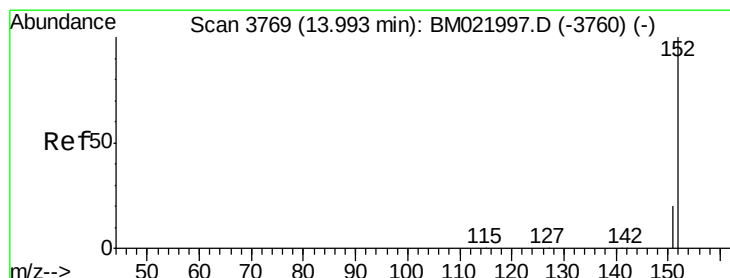
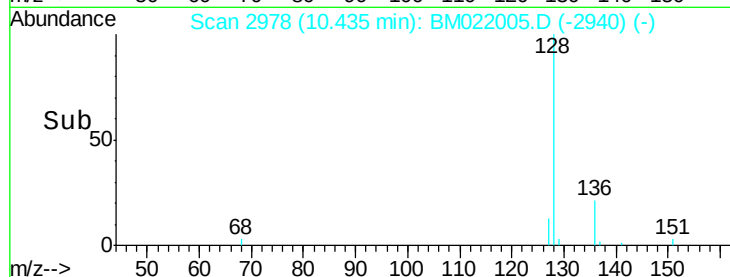
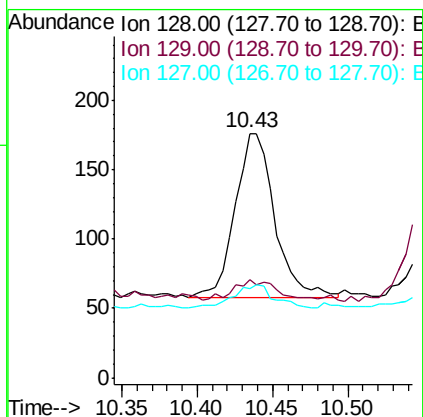
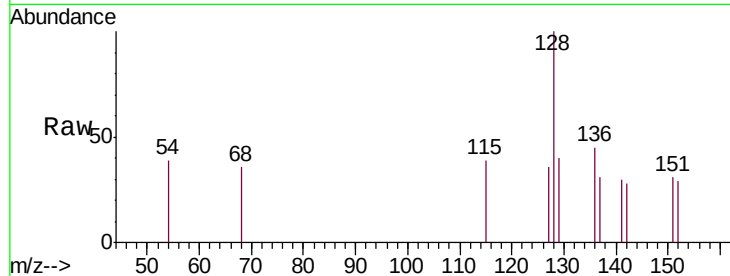
ClientSampleId :

BENX3

Tgt Ion:	128	Resp:	215
Ion Ratio	Lower	Upper	
128	100		
129	40.3	12.3	18.5#
127	36.4	13.0	19.6#

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#7

Acenaphthylene

Concen: 0.072 ng/ul

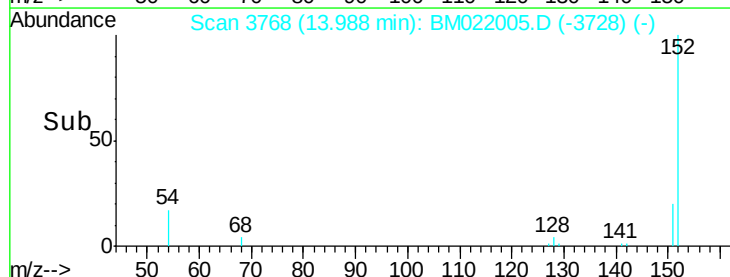
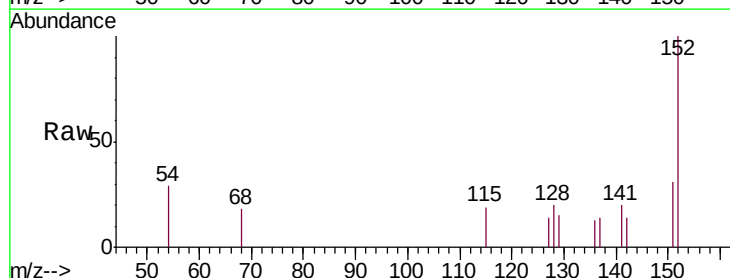
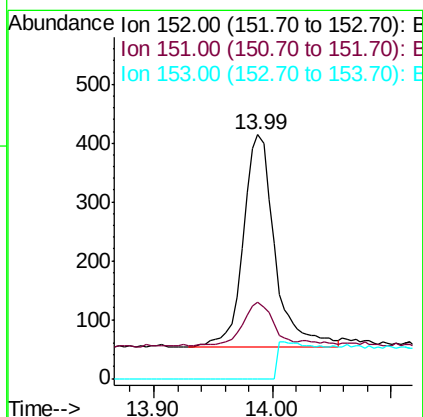
RT: 13.99 min Scan# 3768

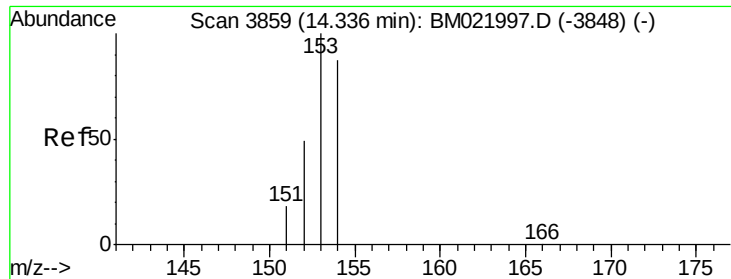
Delta R.T. -0.02 min

Lab File: BM022005.D

Acq: 10 Aug 2019 20:08

Tgt Ion:	152	Resp:	637
Ion Ratio	Lower	Upper	
152	100		
151	31.4	18.3	27.5#
153	0.0	12.8	19.2#





#8

Acenaphthene

Concen: 0.049 ng/ul

RT: 14.32 min Scan# 3856

Delta R.T. -0.02 min

Lab File: BM022005.D

Acq: 10 Aug 2019 20:08

Instrument :

BNA_M

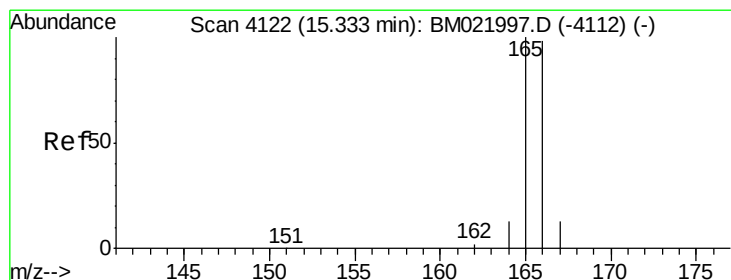
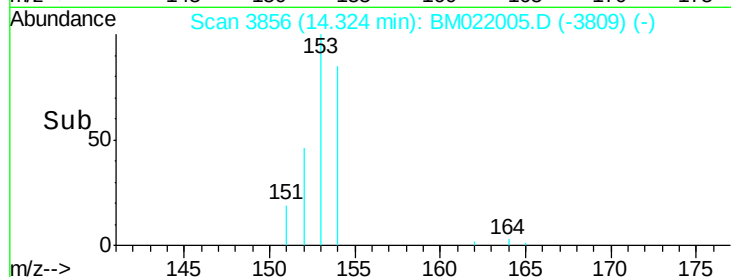
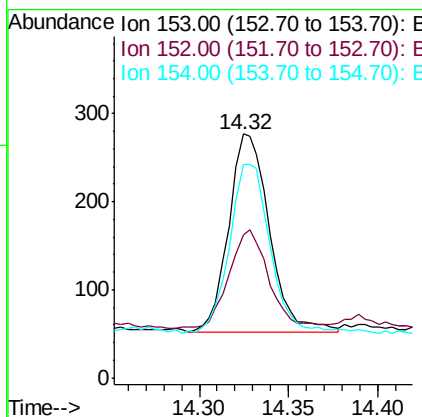
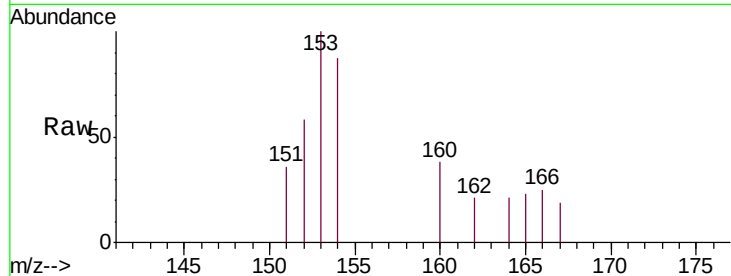
ClientSampleId :

BENX3

Tgt Ion:	153	Resp:	354
Ion	Ratio	Lower	Upper
153	100		
152	58.5	41.3	61.9
154	87.4	72.3	108.5

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#9

Fluorene

Concen: 0.051 ng/ul

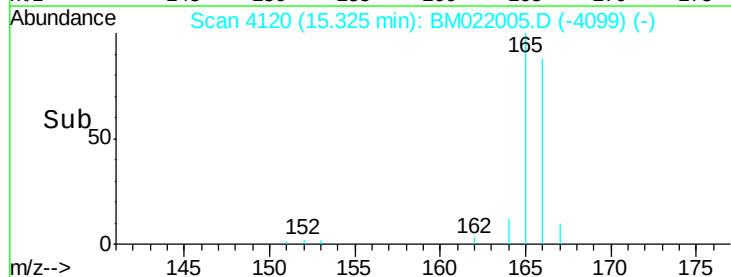
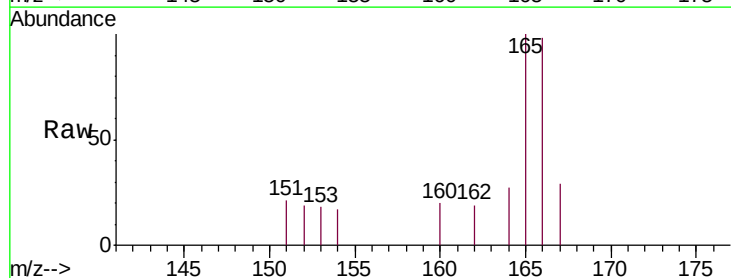
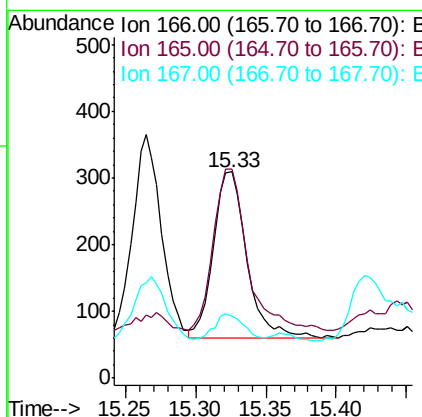
RT: 15.33 min Scan# 4120

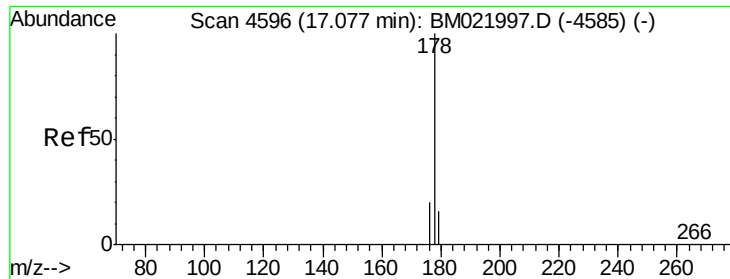
Delta R.T. -0.02 min

Lab File: BM022005.D

Acq: 10 Aug 2019 20:08

Tgt Ion:	166	Resp:	412
Ion	Ratio	Lower	Upper
166	100		
165	101.6	81.4	122.0
167	29.8	13.7	20.5





#12

Phenanthrene

Concen: 0.560 ng/ul m

RT: 17.06 min Scan# 4591

Delta R.T. -0.03 min

Lab File: BM022005.D

Acq: 10 Aug 2019 20:08

Instrument :

BNA_M

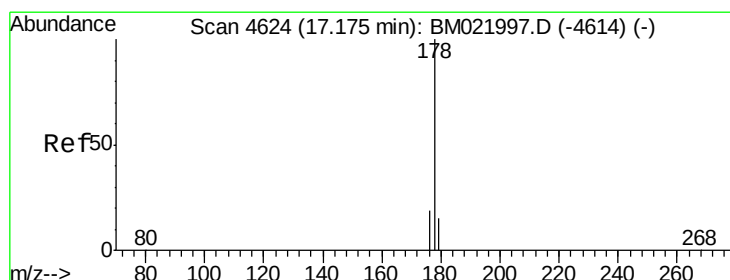
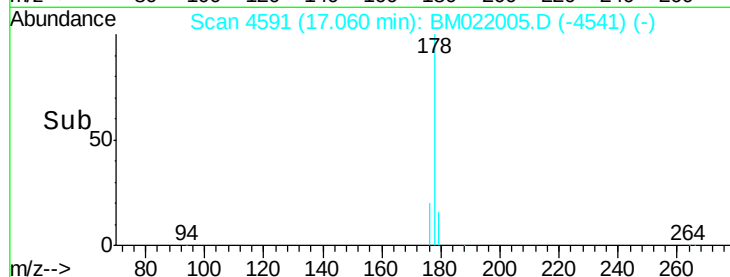
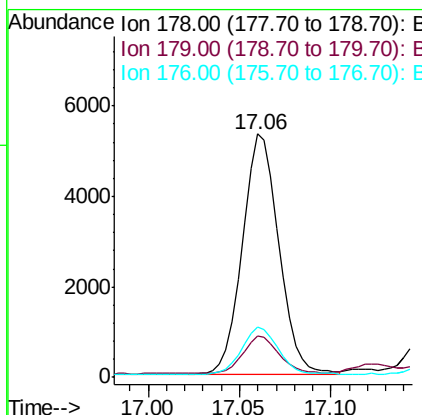
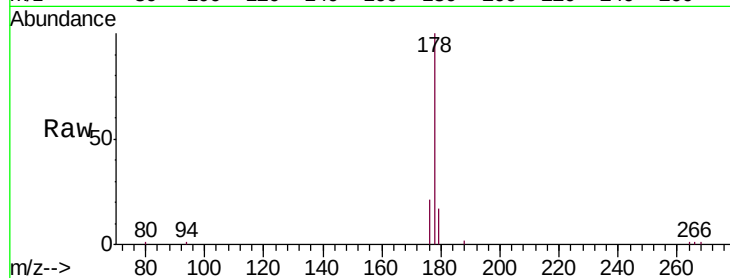
ClientSampleId :

BENX3

Tgt Ion:	178	Resp:	7330
Ion Ratio	Lower	Upper	
178	100		
179	16.8	14.2	21.2
176	20.6	16.8	25.2

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#13

Anthracene

Concen: 0.189 ng/ul m

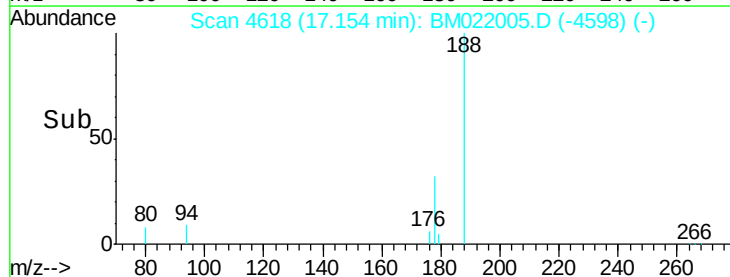
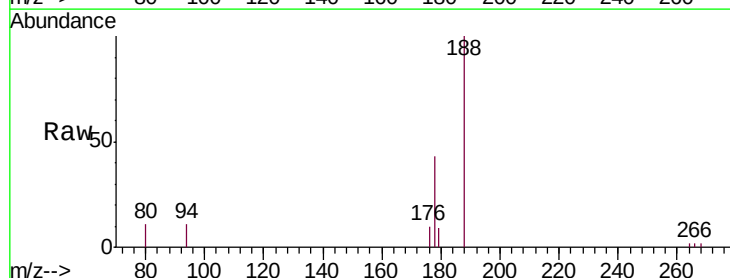
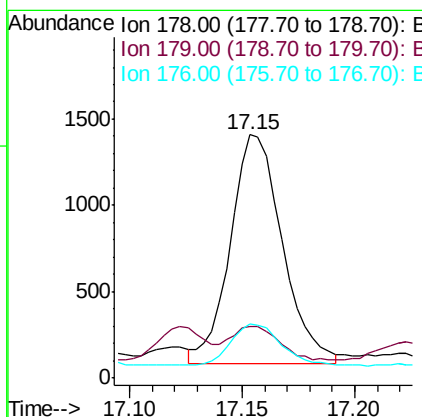
RT: 17.15 min Scan# 4618

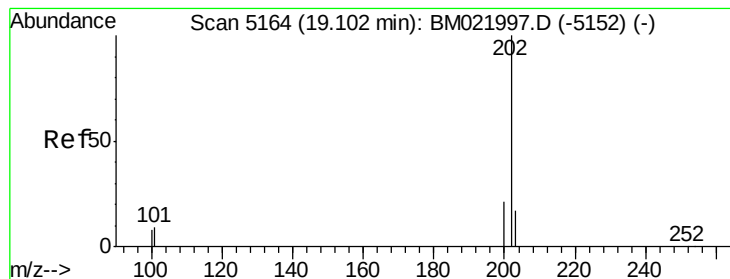
Delta R.T. -0.03 min

Lab File: BM022005.D

Acq: 10 Aug 2019 20:08

Tgt Ion:	178	Resp:	2114
Ion Ratio	Lower	Upper	
178	100		
179	21.0	15.5	23.3
176	22.1	16.6	25.0





#15

Fluoranthene

Concen: 1.151 ng/ul m

RT: 19.09 min Scan# 5160

Delta R.T. -0.02 min

Lab File: BM022005.D

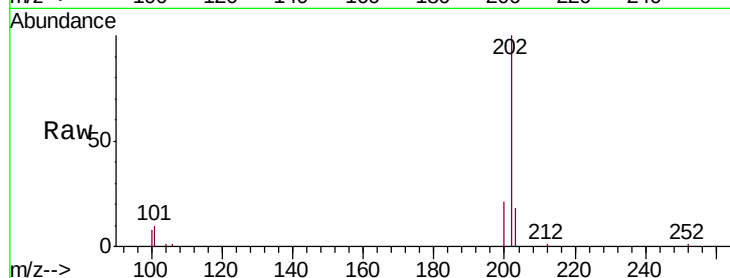
Acq: 10 Aug 2019 20:08

Instrument :

BNA_M

ClientSampleId :

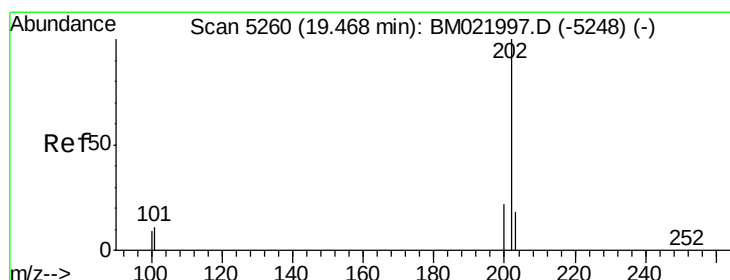
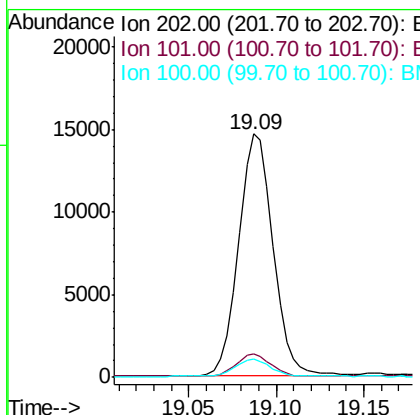
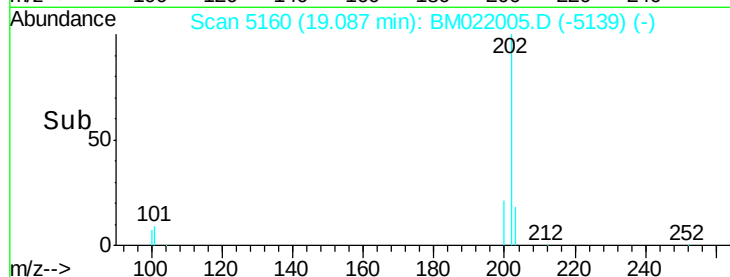
BENX3



Tgt Ion:	202	Resp:	20167
Ion Ratio	Lower	Upper	
202	100		
101	9.9	0.0	30.2
100	7.5	0.0	28.1

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#17

Pyrene

Concen: 1.561 ng/ul

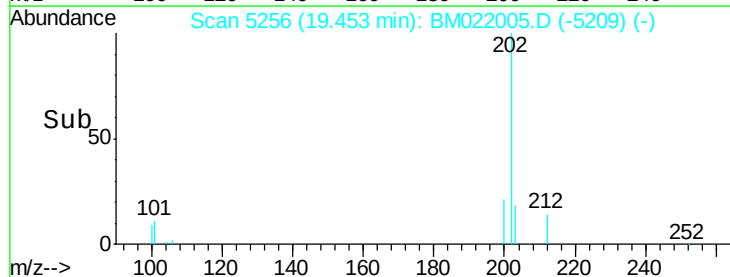
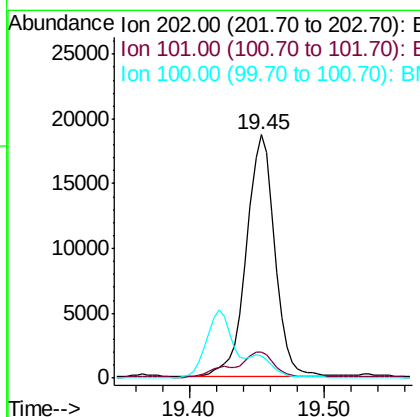
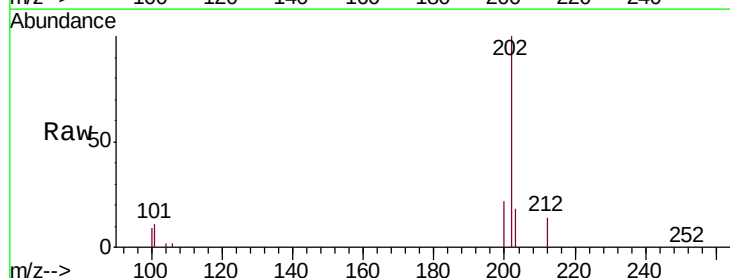
RT: 19.45 min Scan# 5256

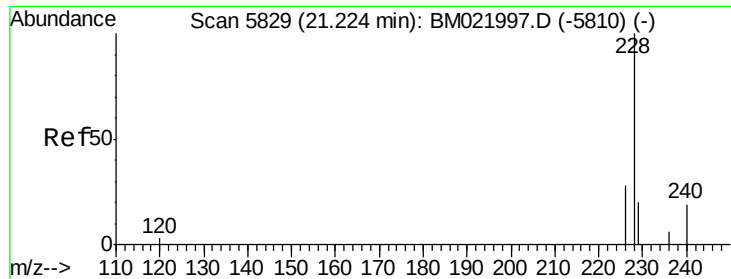
Delta R.T. -0.02 min

Lab File: BM022005.D

Acq: 10 Aug 2019 20:08

Tgt Ion:	202	Resp:	26776
Ion Ratio	Lower	Upper	
202	100		
101	10.9	8.3	12.5
100	9.4	7.2	10.8





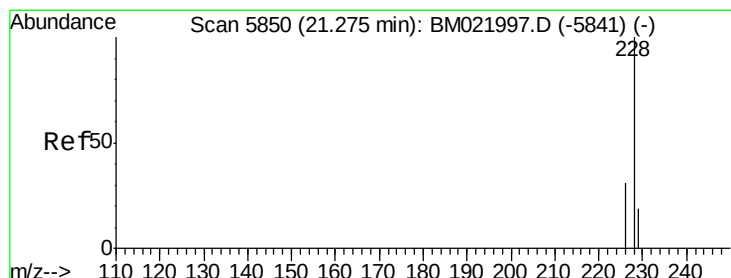
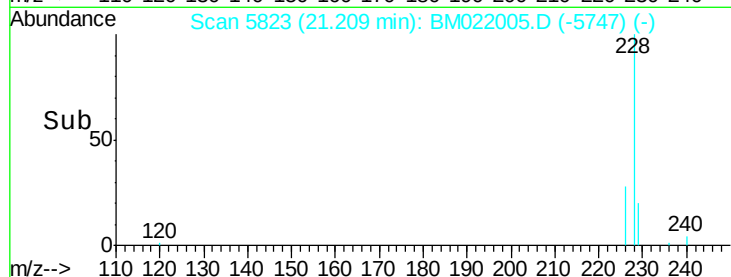
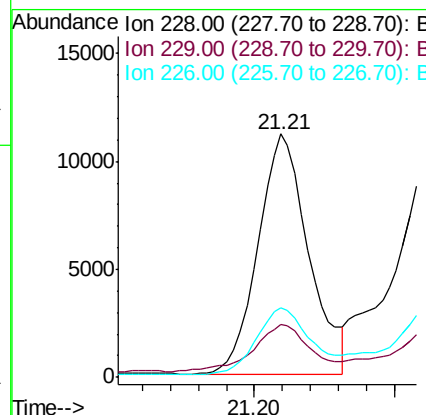
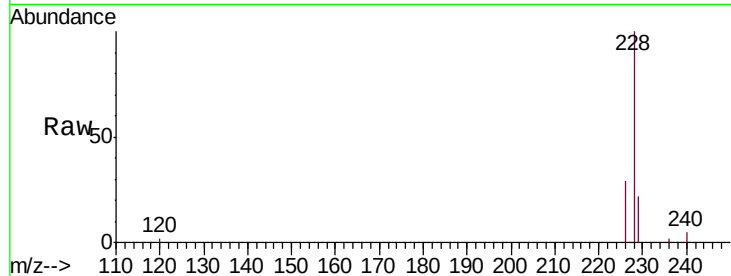
#18
Benzo(a)anthracene
Concen: 0.930 ng/ul
RT: 21.21 min Scan# 5823
Delta R.T. -0.02 min
Lab File: BM022005.D
Acq: 10 Aug 2019 20:08

Instrument :
BNA_M
ClientSampleId :
BENX3

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.7	17.2	25.8
226	28.7	22.6	34.0

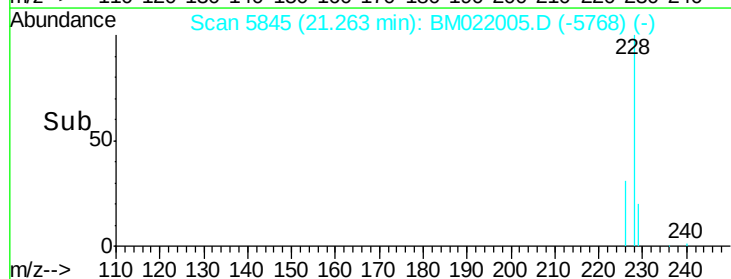
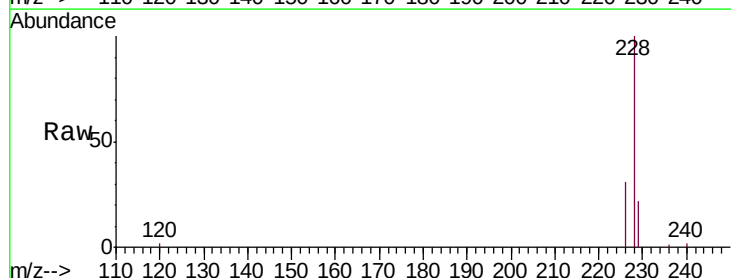
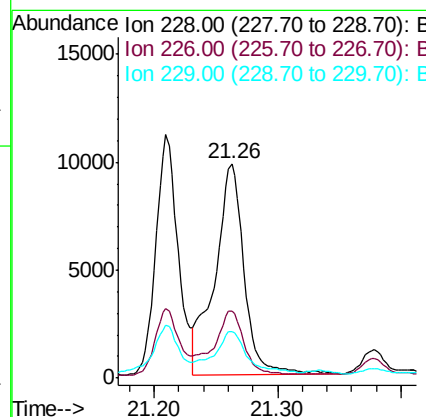
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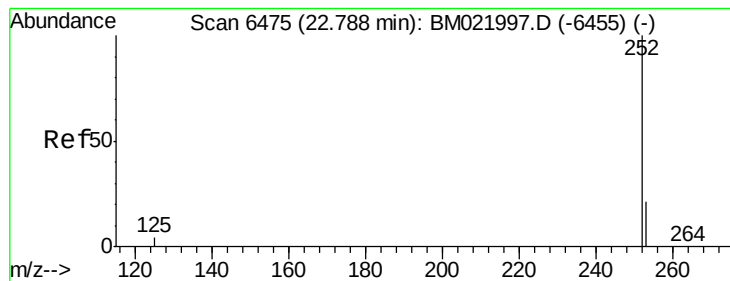
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#19
Chrysene
Concen: 0.845 ng/ul
RT: 21.26 min Scan# 5845
Delta R.T. -0.01 min
Lab File: BM022005.D
Acq: 10 Aug 2019 20:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	21.6	16.6	25.0





#21

Benzo(b)fluoranthene

Concen: 0.965 ng/ul m

RT: 22.77 min Scan# 6468

Delta R.T. -0.02 min

Lab File: BM022005.D

Acq: 10 Aug 2019 20:08

Instrument :

BNA_M

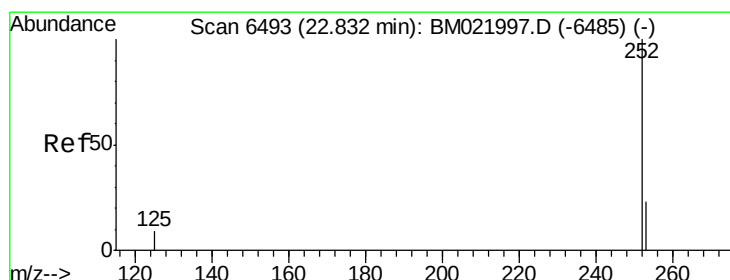
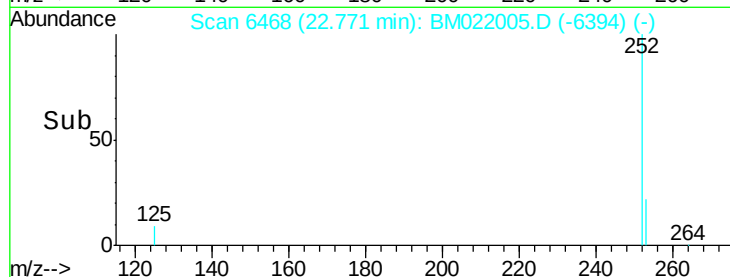
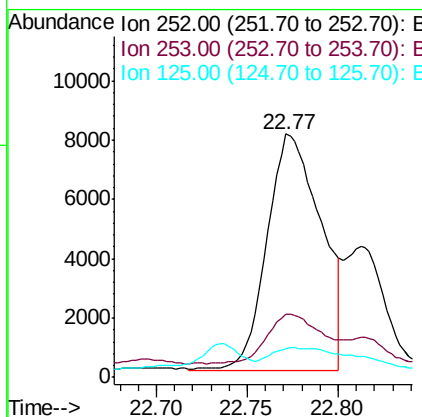
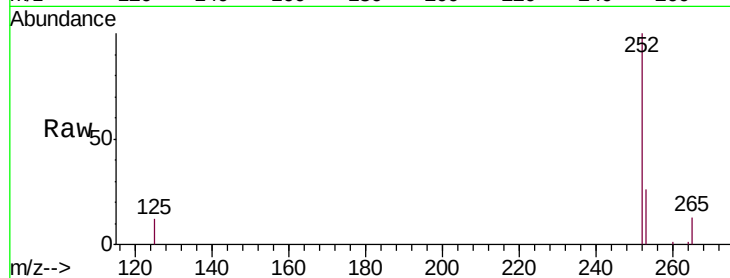
ClientSampled :

BENX3

Tgt Ion:	252	Resp:	16482
Ion Ratio	Lower	Upper	
252	100		
253	26.0	0.0	67.4
125	11.8	0.0	31.0

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#22

Benzo(k)fluoranthene

Concen: 0.330 ng/ul m

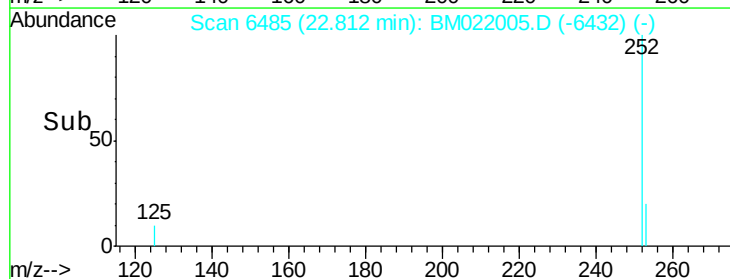
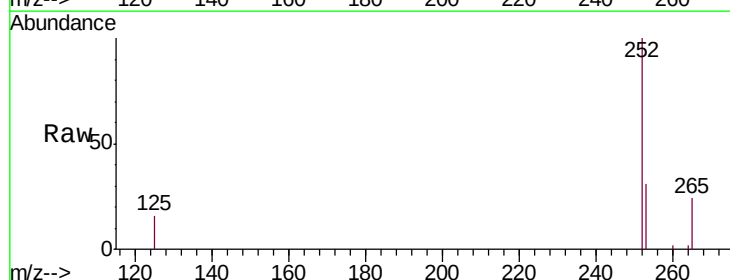
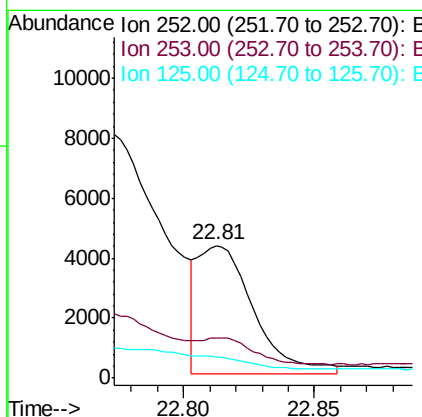
RT: 22.81 min Scan# 6485

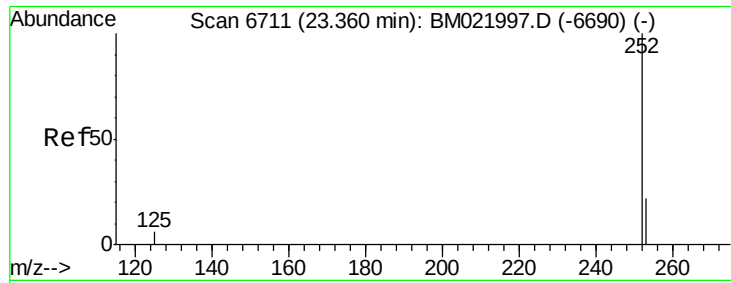
Delta R.T. -0.02 min

Lab File: BM022005.D

Acq: 10 Aug 2019 20:08

Tgt Ion:	252	Resp:	6386
Ion Ratio	Lower	Upper	
252	100		
253	30.5	27.0	40.4
125	16.1	12.2	18.2





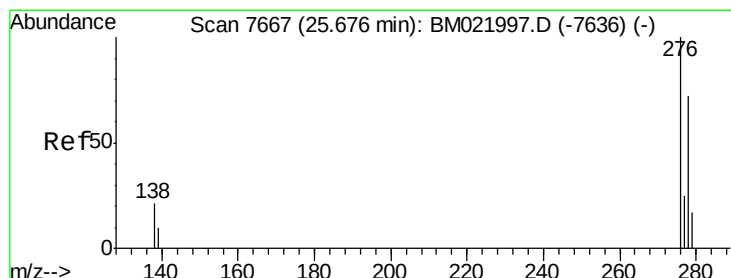
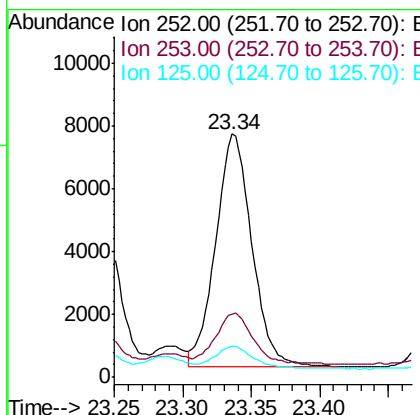
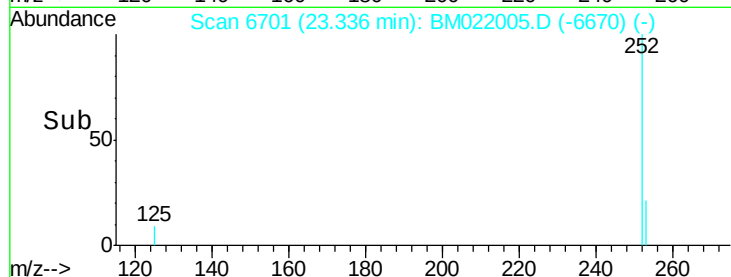
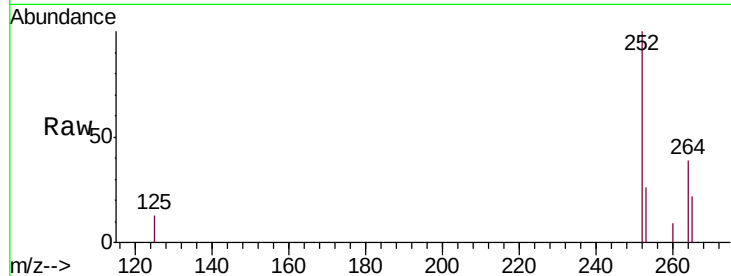
#23
Benzo(a)pyrene
Concen: 0.786 ng/ul
RT: 23.34 min Scan# 6701
Delta R.T. -0.02 min
Lab File: BM022005.D
Acq: 10 Aug 2019 20:08

Instrument :
BNA_M
ClientSampled :
BENX3

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	13651		
253	26.0	31.7	47.5#	
125	12.7	14.6	21.8#	

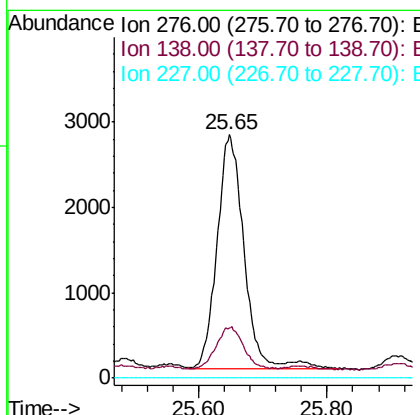
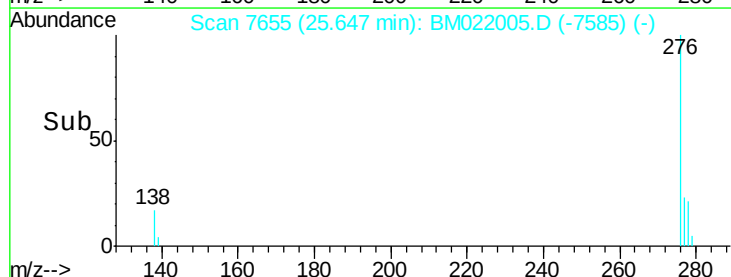
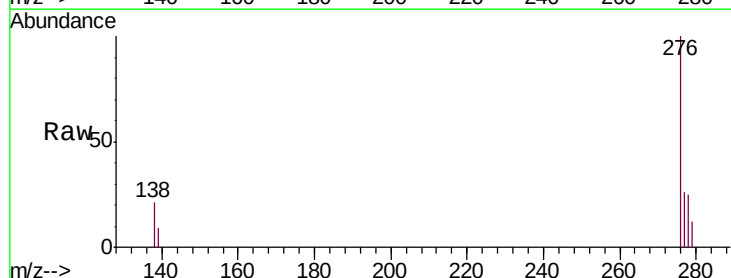
Manual Integrations
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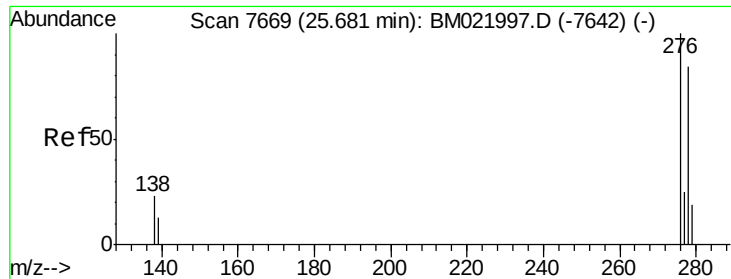
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.386 ng/ul
RT: 25.65 min Scan# 7655
Delta R.T. -0.03 min
Lab File: BM022005.D
Acq: 10 Aug 2019 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	7997		
138	18.5	15.1	22.7	
227	0.0	0.0	0.0	





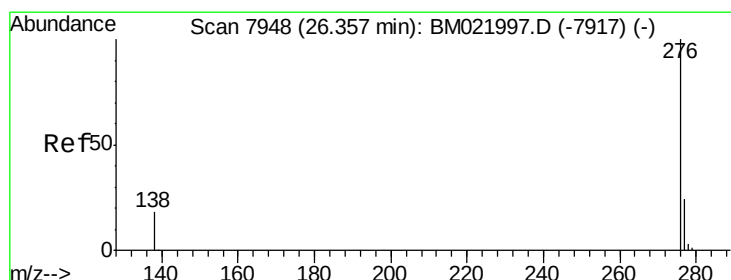
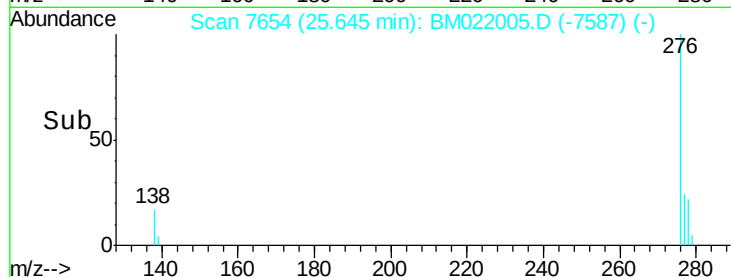
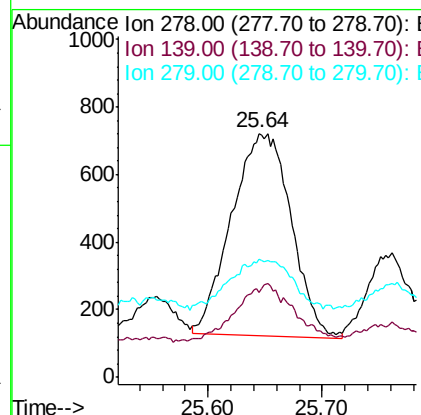
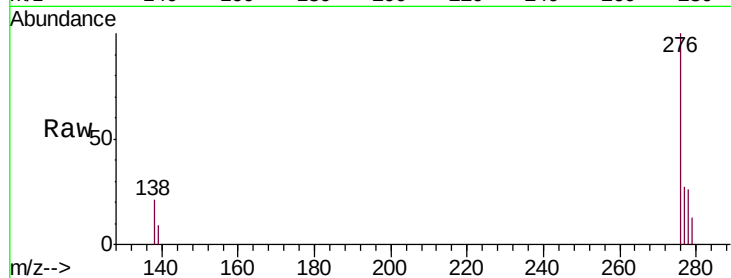
#25
Dibenzo(a,h)anthracene
Concen: 0.130 ng/ul
RT: 25.64 min Scan# 7654
Delta R.T. -0.04 min
Lab File: BM022005.D
Acq: 10 Aug 2019 20:08

Instrument :
BNA_M
ClientSampled :
BENX3

Tgt Ion	Ratio	Lower	Upper
278	100		
139	34.7	14.2	21.2#
279	48.5	28.3	42.5#

Manual Integrations
APPROVED

Sohil
8/13/2019 8:46:47 AM



#26
Benzo(g,h,i)perylene
Concen: 0.437 ng/ul
RT: 26.33 min Scan# 7935
Delta R.T. -0.03 min
Lab File: BM022005.D
Acq: 10 Aug 2019 20:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.1	15.5	23.3
277	26.8	21.4	32.2

