

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021911.D
 Acq On : 08 Aug 2019 00:21
 Operator : HP/JU
 Sample : K4029-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENYO

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Quant Time: Aug 08 05:57:00 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 : Thu Aug 08 04:39:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	881	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	3717	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.28	164	2084	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	4857m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	4515m	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	4457m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	1115	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	2879m	0.18	ng/ul	-0.01
Target Compounds				Ovalue		
7) Acenaphthylene	14.00	152	313	0.032	ng/ul#	63
8) Acenaphthene	14.34	153	251	0.032	ng/ul	92
9) Fluorene	15.33	166	282	0.032	ng/ul#	93
12) Phenanthrene	17.07	178	3312	0.234	ng/ul	100
13) Anthracene	17.17	178	965m	0.080	ng/ul	
15) Fluoranthene	19.10	202	4602m	0.243	ng/ul	
17) Pyrene	19.46	202	4036m	0.218	ng/ul	
18) Benzo(a)anthracene	21.22	228	2531	0.157	ng/ul	92
19) Chrysene	21.27	228	2350	0.113	ng/ul#	91
21) Benzo(b)fluoranthene	22.78	252	2808m	0.187	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	1161m	0.068	ng/ul	
23) Benzo(a)pyrene	23.35	252	2012m	0.132	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.67	276	1187m	0.065	ng/ul	
26) Benzo(g,h,i)perylene	26.35	276	1111m	0.068	ng/ul	

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

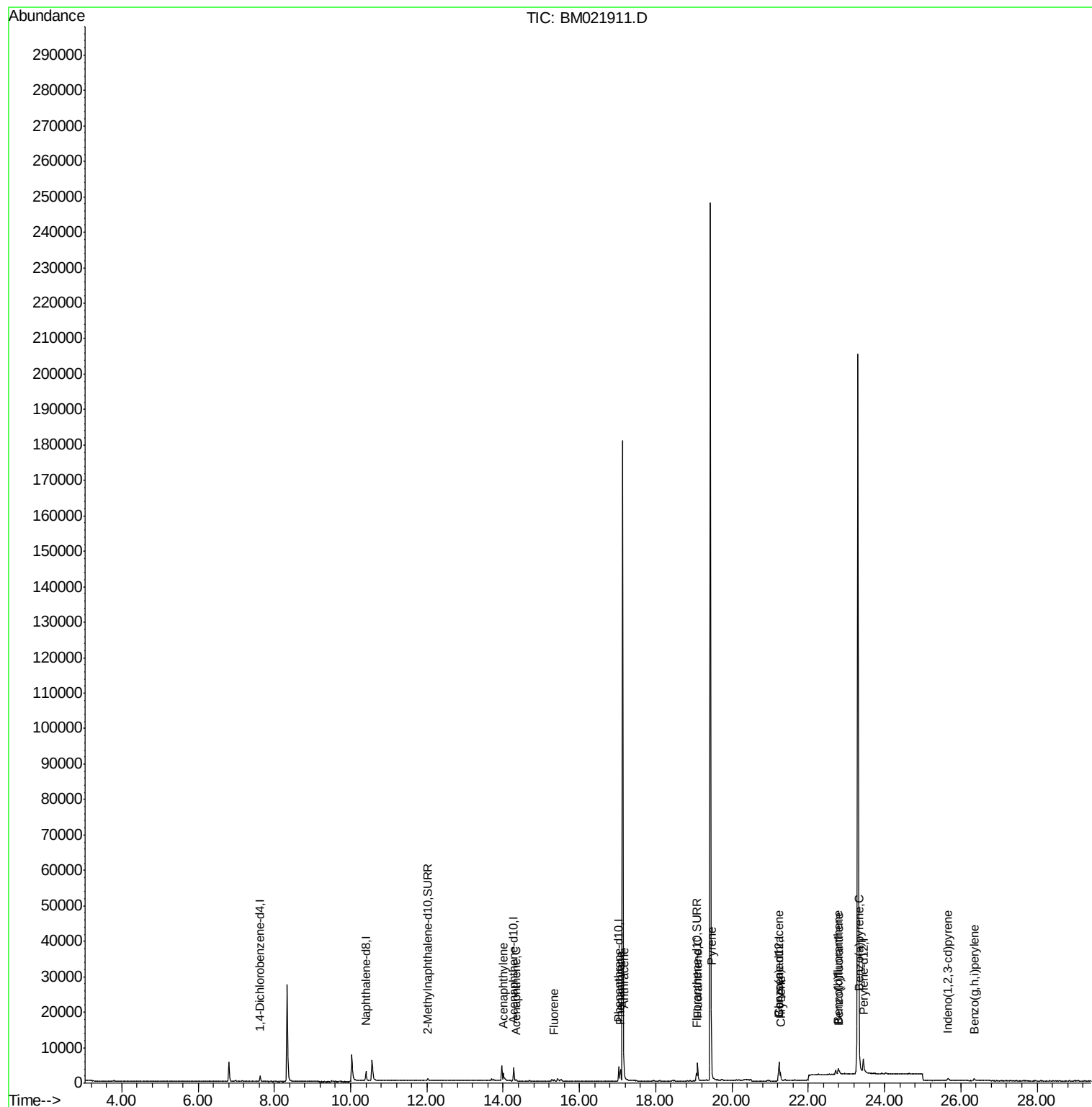
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021911.D
Acq On : 08 Aug 2019 00:21
Operator : HP/JU
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Misc :
ALS Vial : 21 Sample Multiplier: 1

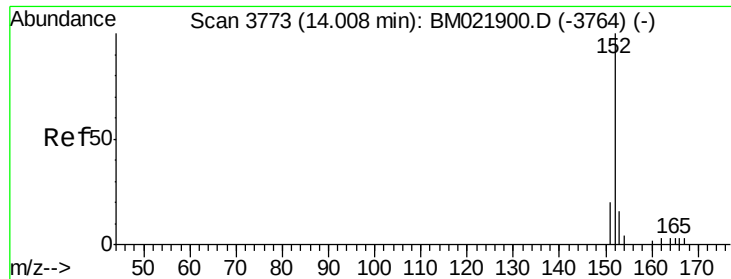
Instrument :
BNA_M
ClientSampleId :
BENYO

Quant Time: Aug 08 05:57:00 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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#7

Acenaphthylene

Concen: 0.032 ng/ul

RT: 14.00 min Scan# 3771

Delta R.T. -0.01 min

Lab File: BM021911.D

Acq: 08 Aug 2019 00:21

Instrument :

BNA_M

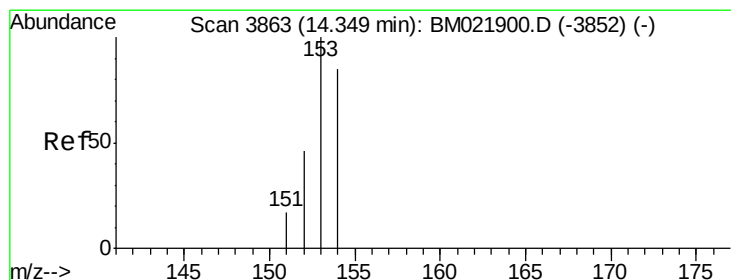
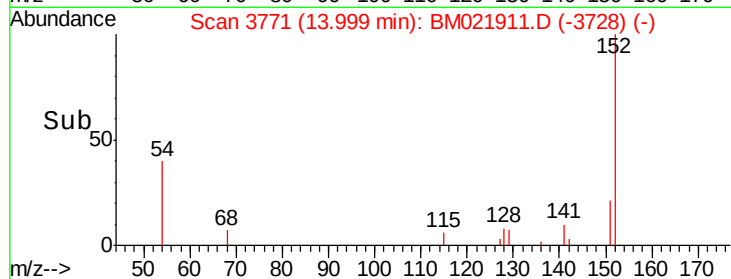
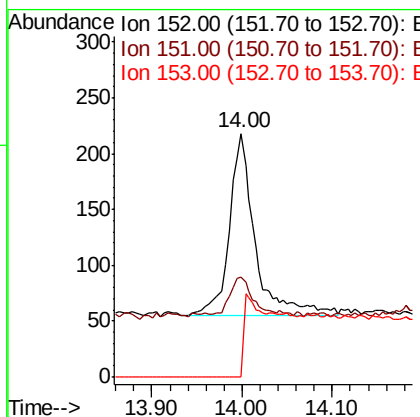
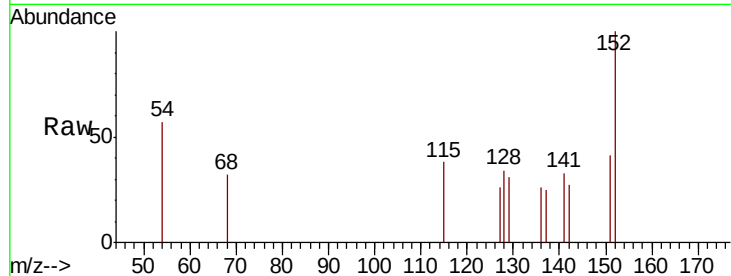
ClientSampled :

BENYO

Tot Ion:	152	Resp:	313
Ion Ratio	Lower	Upper	
152	100		
151	40.8	18.3	27.5#
153	0.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.032 ng/ul

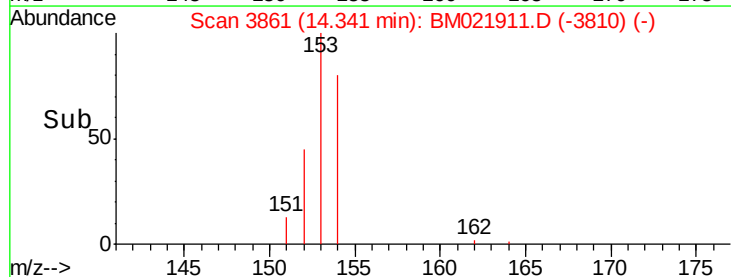
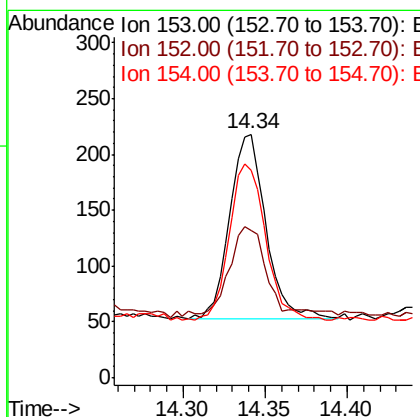
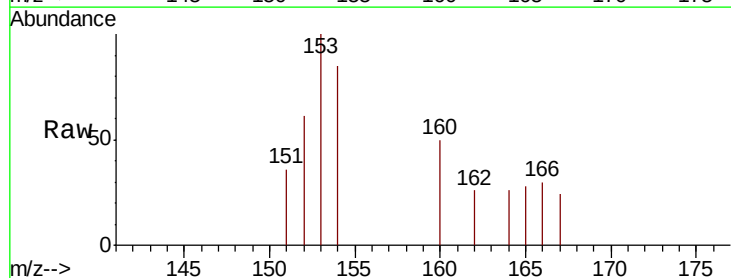
RT: 14.34 min Scan# 3861

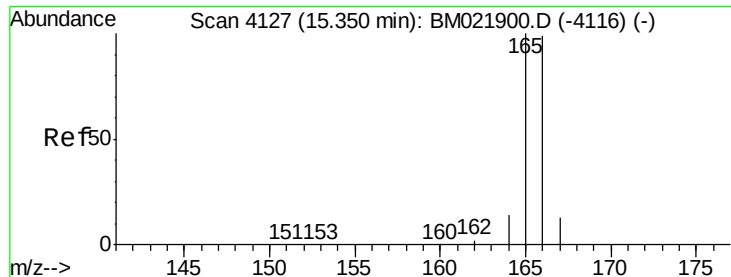
Delta R.T. -0.01 min

Lab File: BM021911.D

Acq: 08 Aug 2019 00:21

Tgt Ion:	153	Resp:	251
Ion Ratio	Lower	Upper	
153	100		
152	60.6	41.3	61.9
154	85.3	72.3	108.5





#9

Fluorene

Concen: 0.032 ng/ul

RT: 15.33 min Scan# 4123

Delta R.T. -0.02 min

Lab File: BM021911.D

Acq: 08 Aug 2019 00:21

Instrument :

BNA_M

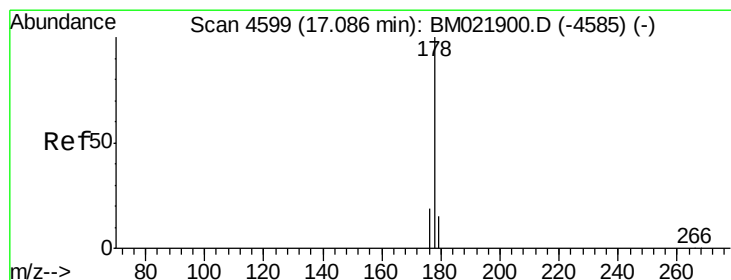
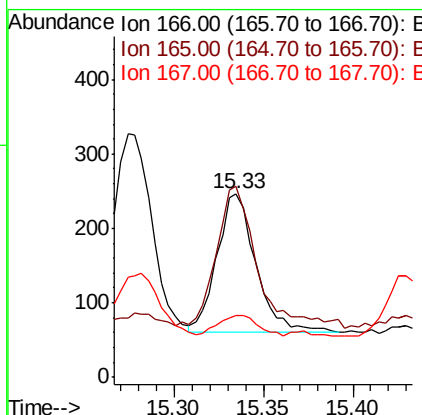
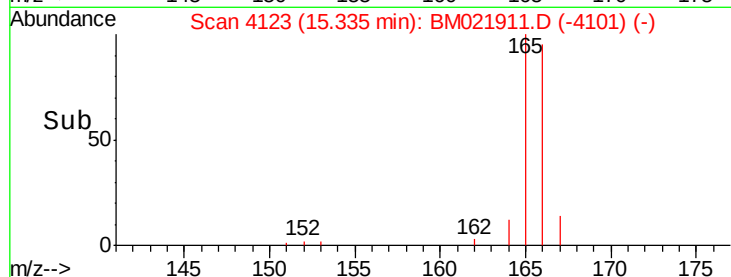
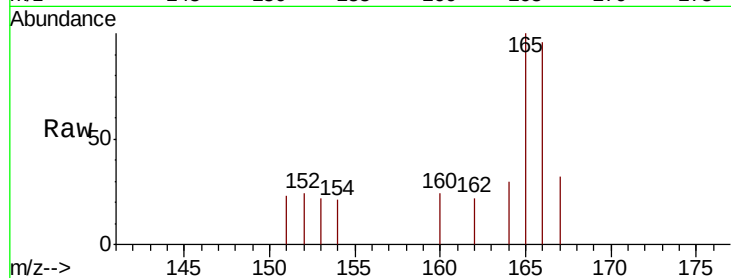
ClientSampleId :

BENYO

Tot Ion	Ratio	Lower	Upper
166	100		
165	104.0	81.4	122.0
167	33.6	13.7	20.5

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#12

Phenanthrene

Concen: 0.234 ng/ul

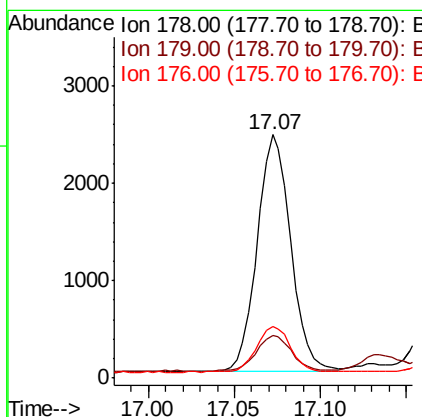
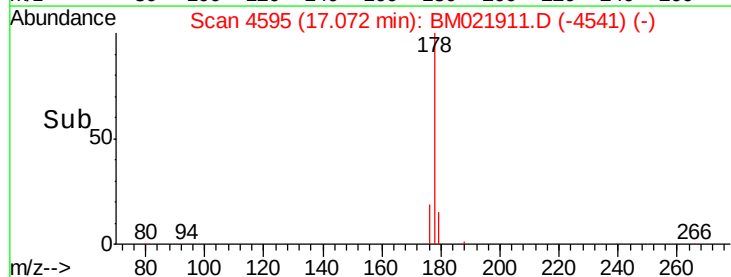
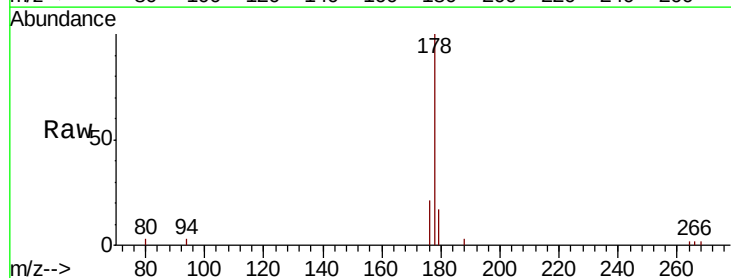
RT: 17.07 min Scan# 4595

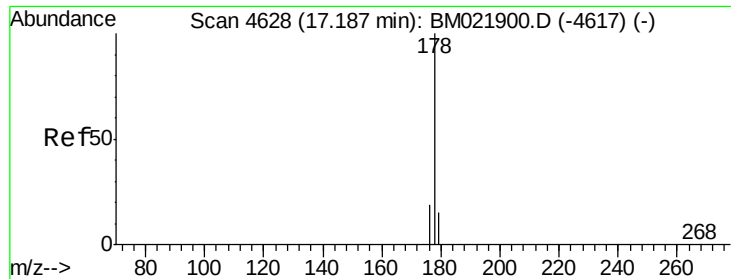
Delta R.T. -0.01 min

Lab File: BM021911.D

Acq: 08 Aug 2019 00:21

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.5	14.2	21.2
176	21.2	16.8	25.2





#13

Anthracene

Concen: 0.080 ng/ul m

RT: 17.17 min Scan# 4622

Delta R.T. -0.02 min

Lab File: BM021911.D

Acq: 08 Aug 2019 00:21

Instrument :

BNA_M

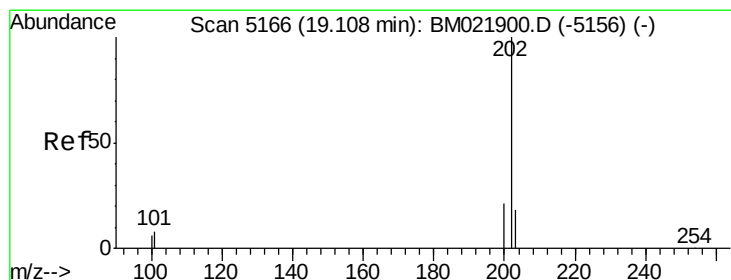
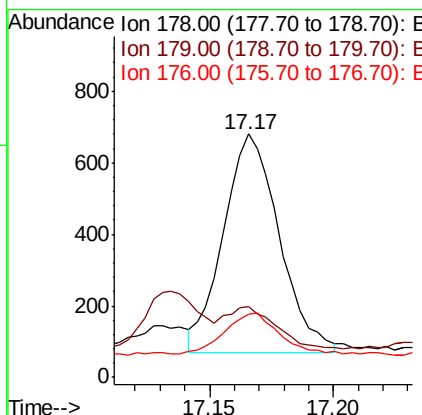
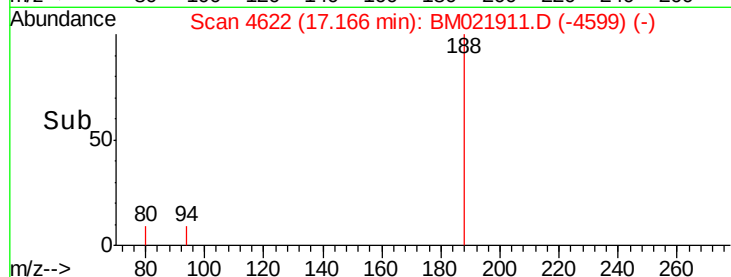
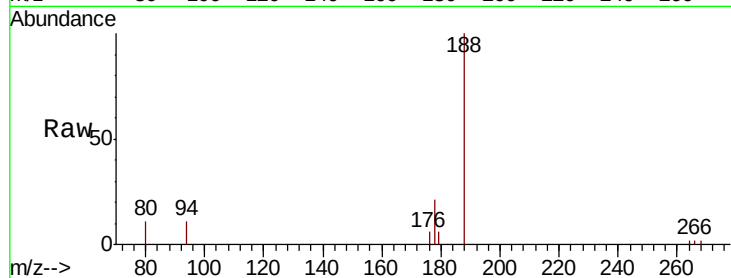
ClientSampleId :

BENYO

Tot Ion:	178	Resp:	965
Ion Ratio	Lower	Upper	
178	100		
179	28.9	15.5	23.3#
176	25.8	16.6	25.0#

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#15

Fluoranthene

Concen: 0.243 ng/ul m

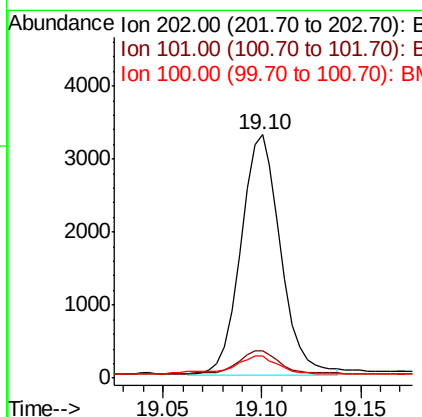
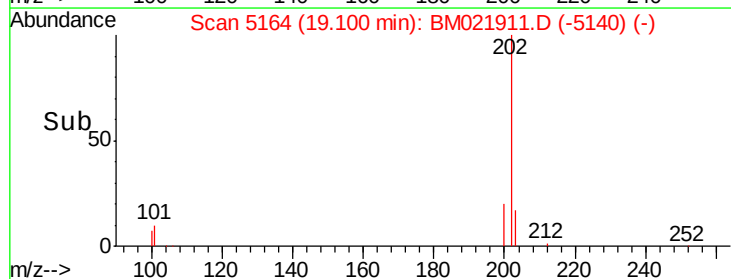
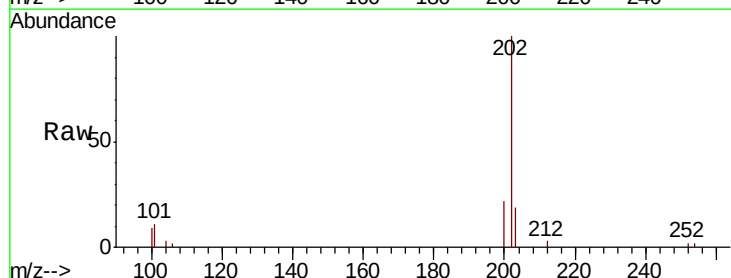
RT: 19.10 min Scan# 5164

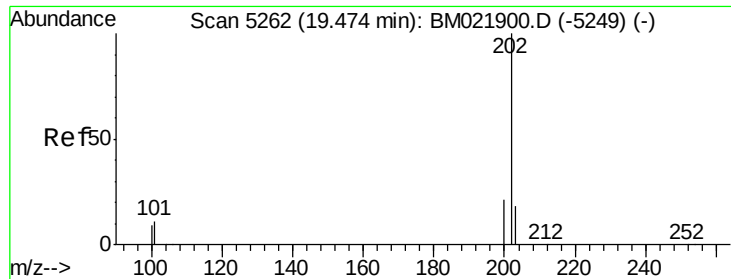
Delta R.T. -0.01 min

Lab File: BM021911.D

Acq: 08 Aug 2019 00:21

Tgt Ion:	202	Resp:	4602
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	30.2
100	8.9	0.0	28.1





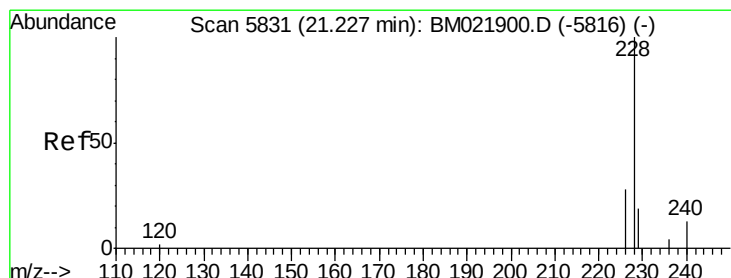
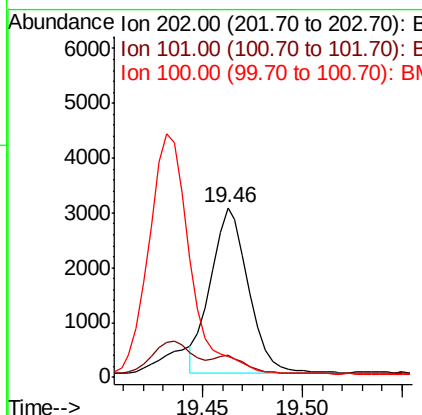
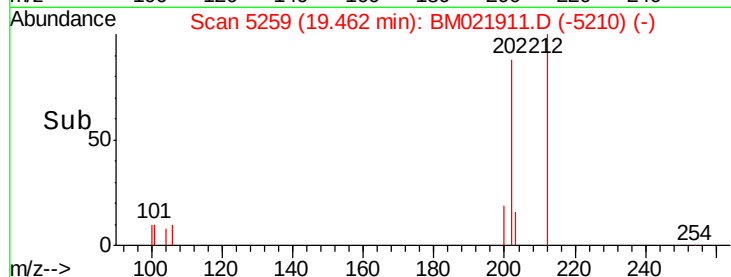
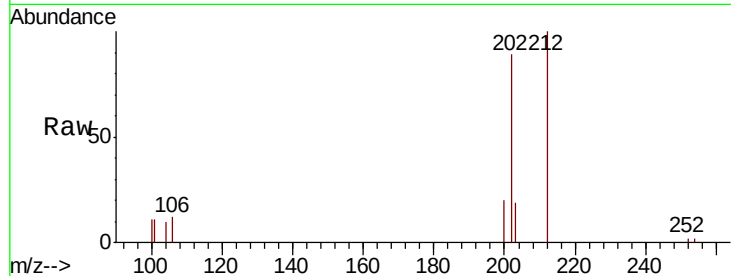
#17
 Pyrene
 Concen: 0.218 ng/ul m
 RT: 19.46 min Scan# 5259
 Delta R.T. -0.01 min
 Lab File: BM021911.D
 Acq: 08 Aug 2019 00:21

Instrument :
 BNA_M
 ClientSampleId :
 BENYO

Tot Ion	Ratio	Resp	Lower	Upper
202	100	4036		
101	12.9	8.3	12.5#	
100	12.4	7.2	10.8#	

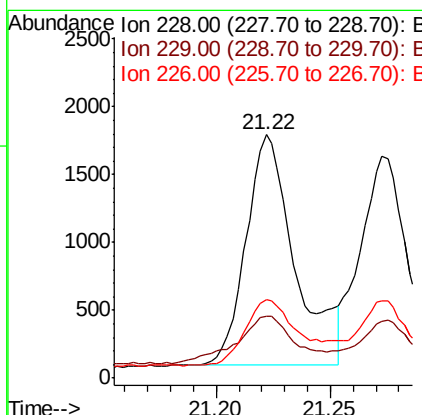
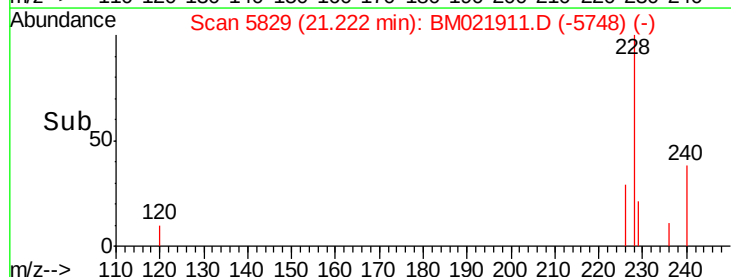
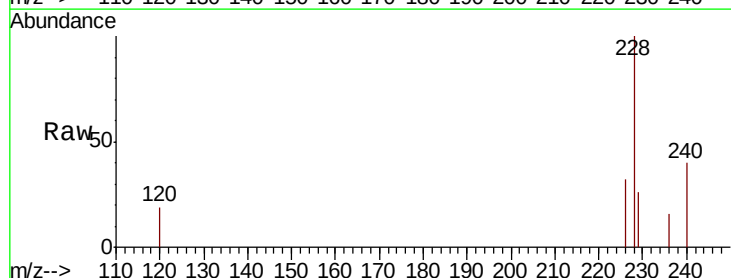
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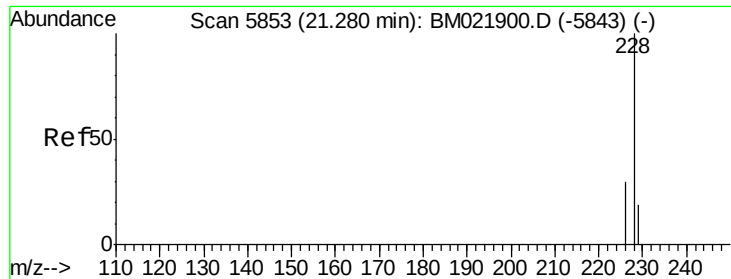
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#18
 Benzo(a)anthracene
 Concen: 0.157 ng/ul
 RT: 21.22 min Scan# 5829
 Delta R.T. -0.00 min
 Lab File: BM021911.D
 Acq: 08 Aug 2019 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	2531		
229	25.6	17.2	25.8	
226	32.3	22.6	34.0	





#19

Chrysene

Concen: 0.113 ng/ul

RT: 21.27 min Scan# 5850

Delta R.T. -0.01 min

Lab File: BM021911.D

Acq: 08 Aug 2019 00:21

Instrument :

BNA_M

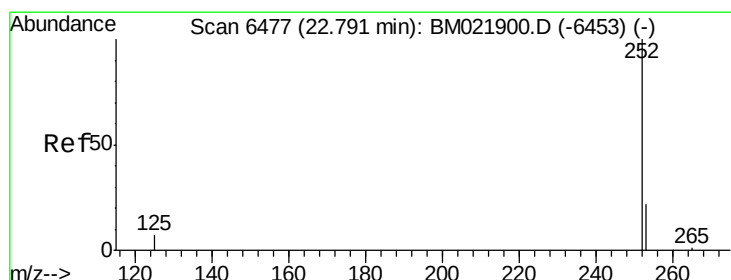
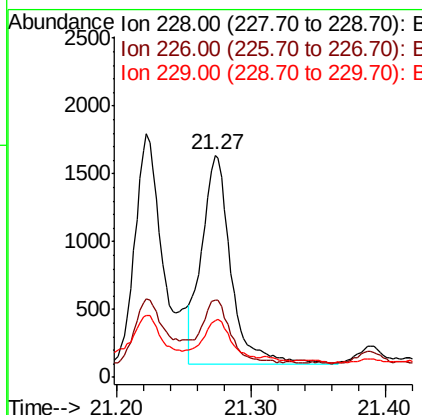
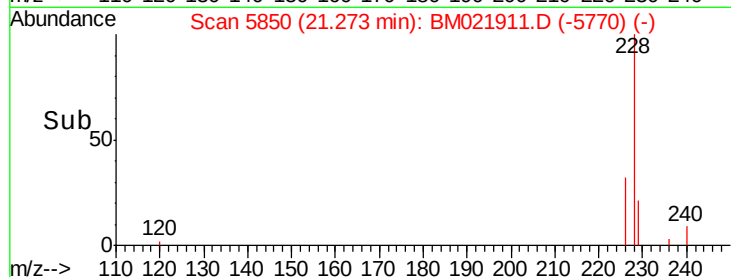
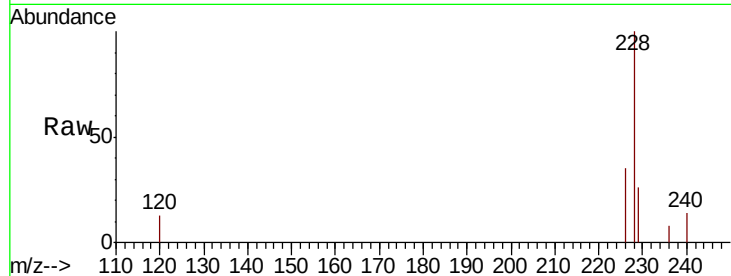
ClientSampleId :

BENYO

Tot Ion:	228	Resp:	2350
Ion Ratio	Lower	Upper	
228	100		
226	35.0	24.9	37.3
229	25.7	16.6	25.0#

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#21

Benzo(b)fluoranthene

Concen: 0.187 ng/ul m

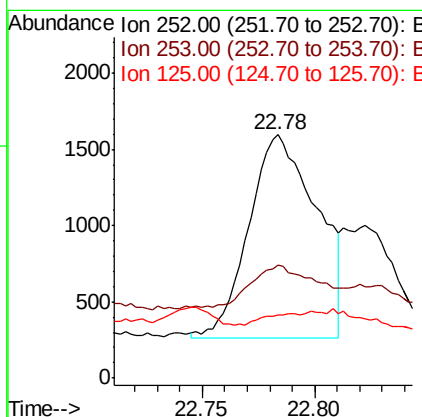
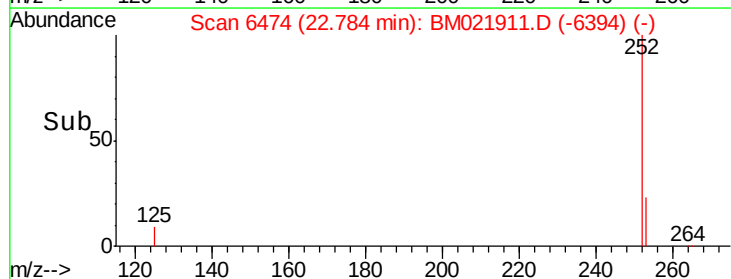
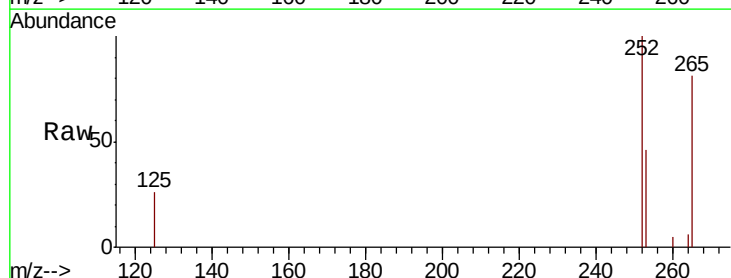
RT: 22.78 min Scan# 6474

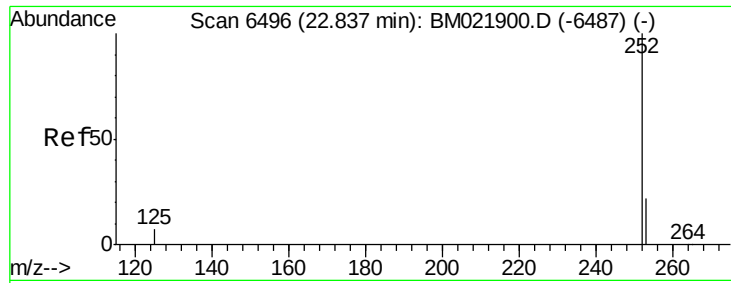
Delta R.T. -0.01 min

Lab File: BM021911.D

Acq: 08 Aug 2019 00:21

Tgt Ion:	252	Resp:	2808
Ion Ratio	Lower	Upper	
252	100		
253	46.5	0.0	67.4
125	26.1	0.0	31.0





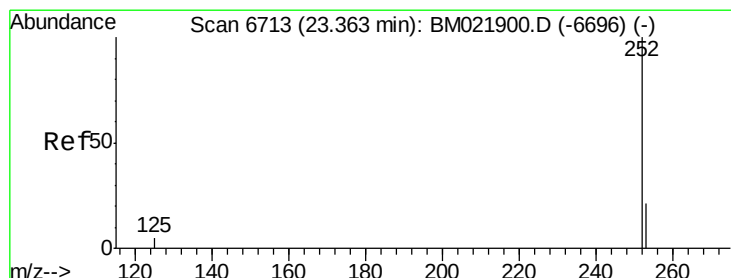
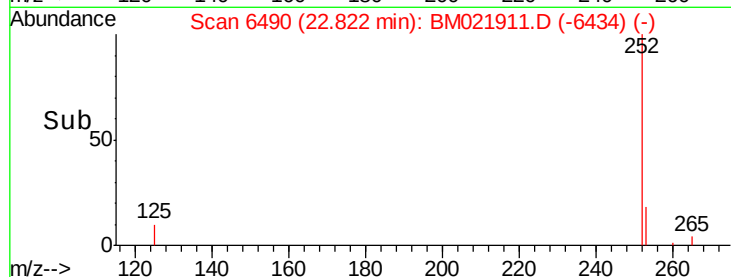
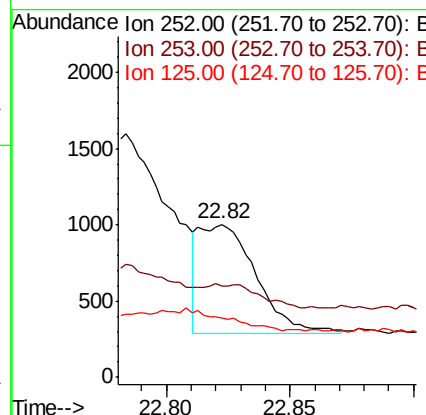
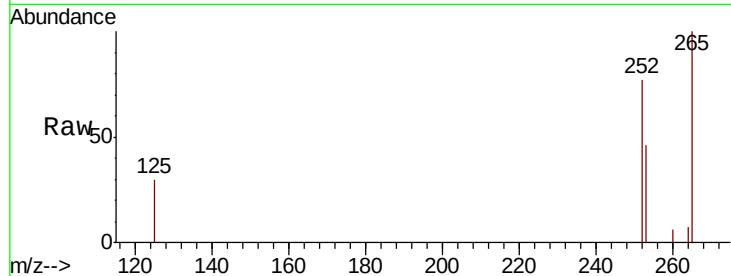
#22
Benzo(k)fluoranthene
Concen: 0.068 ng/ul m
RT: 22.82 min Scan# 6490
Delta R.T. -0.01 min
Lab File: BM021911.D
Acq: 08 Aug 2019 00:21

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
252	100		
253	59.4	27.0	40.4#
125	38.5	12.2	18.2#

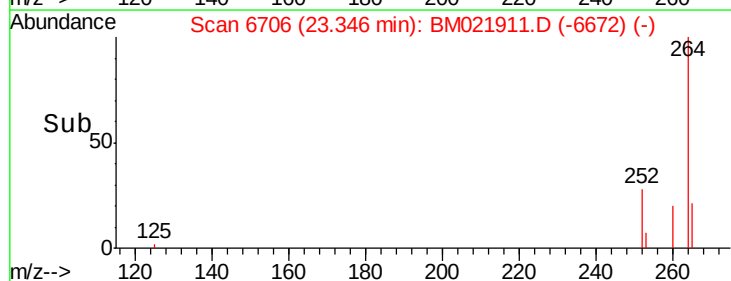
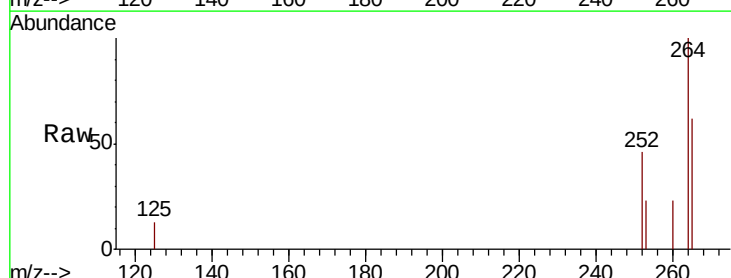
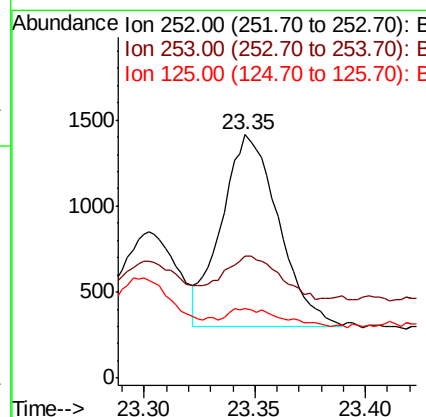
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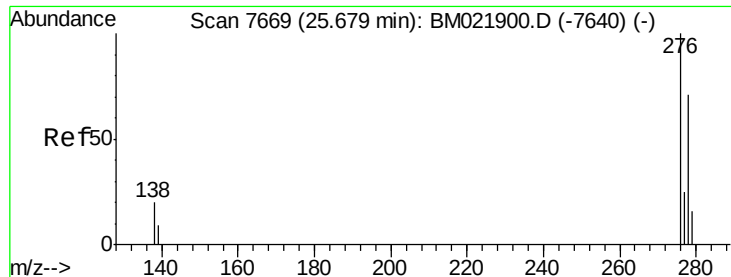
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#23
Benzo(a)pyrene
Concen: 0.132 ng/ul m
RT: 23.35 min Scan# 6706
Delta R.T. -0.02 min
Lab File: BM021911.D
Acq: 08 Aug 2019 00:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	50.3	31.7	47.5#
125	28.3	14.6	21.8#





#24

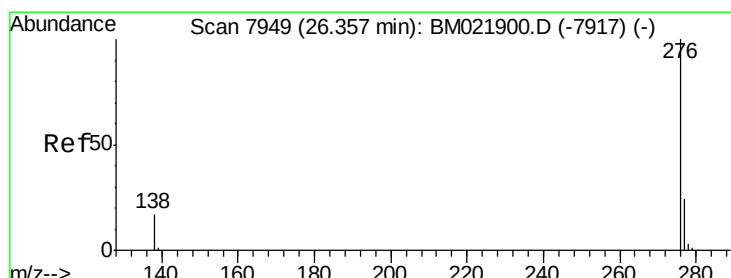
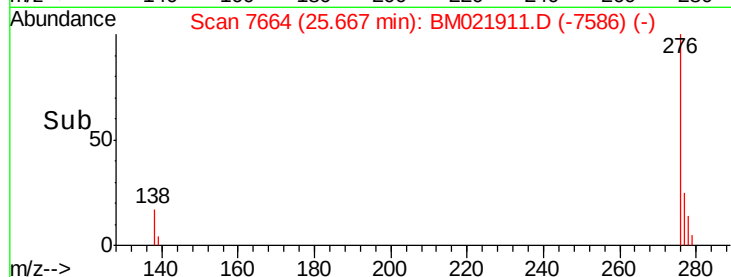
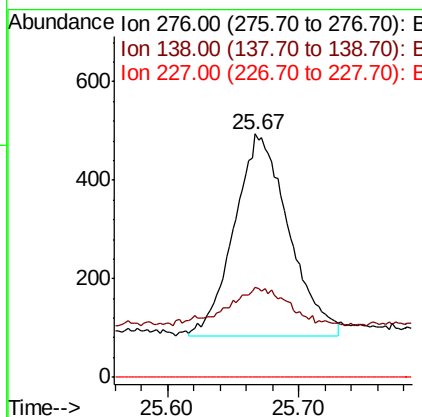
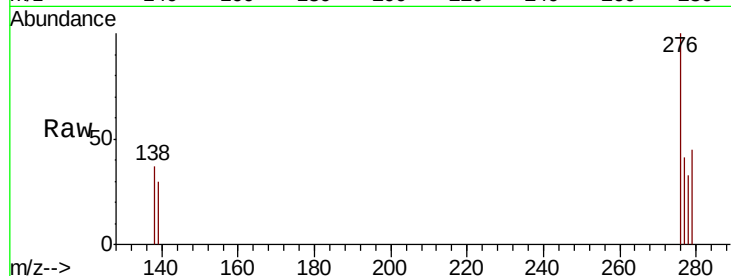
Indeno(1,2,3-cd)pyrene
Concen: 0.065 ng/ul m
RT: 25.67 min Scan# 7664
Delta R.T. -0.01 min
Lab File: BM021911.D
Acq: 08 Aug 2019 00:21

Instrument :
BNA_M
ClientSampleId :
BENYO

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.5	15.1	22.7#
227	0.0	0.0	0.0

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#26

Benzo(g,h,i)perylene
Concen: 0.068 ng/ul m
RT: 26.35 min Scan# 7947
Delta R.T. -0.00 min
Lab File: BM021911.D
Acq: 08 Aug 2019 00:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	38.4	15.5	23.3#
277	43.2	21.4	32.2#

