

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
 Data File : BM022001.D
 Acq On : 10 Aug 2019 17:41
 Operator : HP/JU
 Sample : K4029-17DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENT6DL

Manual Integrations
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Quant Time: Aug 11 02:11:31 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	833	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	3390	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1840	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.03	188	4060	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	3984	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	4467	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	368	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	1057	0.08	ng/ul	-0.02
Target Compounds				Qvalue		
3) Naphthalene	10.45	128	233	0.024	ng/ul#	40
7) Acenaphthylene	13.99	152	915	0.107	ng/ul#	79
8) Acenaphthene	14.33	153	266	0.038	ng/ul#	88
9) Fluorene	15.33	166	398	0.051	ng/ul#	95
12) Phenanthrene	17.06	178	7499	0.635	ng/ul	98
13) Anthracene	17.16	178	1996	0.198	ng/ul	94
15) Fluoranthene	19.09	202	16993	1.074	ng/ul	98
17) Pyrene	19.46	202	17699	1.081	ng/ul	99
18) Benzo(a)anthracene	21.21	228	10573	0.742	ng/ul	98
19) Chrysene	21.27	228	9834	0.537	ng/ul	98
21) Benzo(b)fluoranthene	22.78	252	11816m	0.784	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	4610m	0.270	ng/ul	
23) Benzo(a)pyrene	23.34	252	8543	0.558	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.65	276	5562	0.304	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.65	278	1522	0.103	ng/ul#	66
26) Benzo(g,h,i)perylene	26.33	276	4382	0.266	ng/ul	94

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

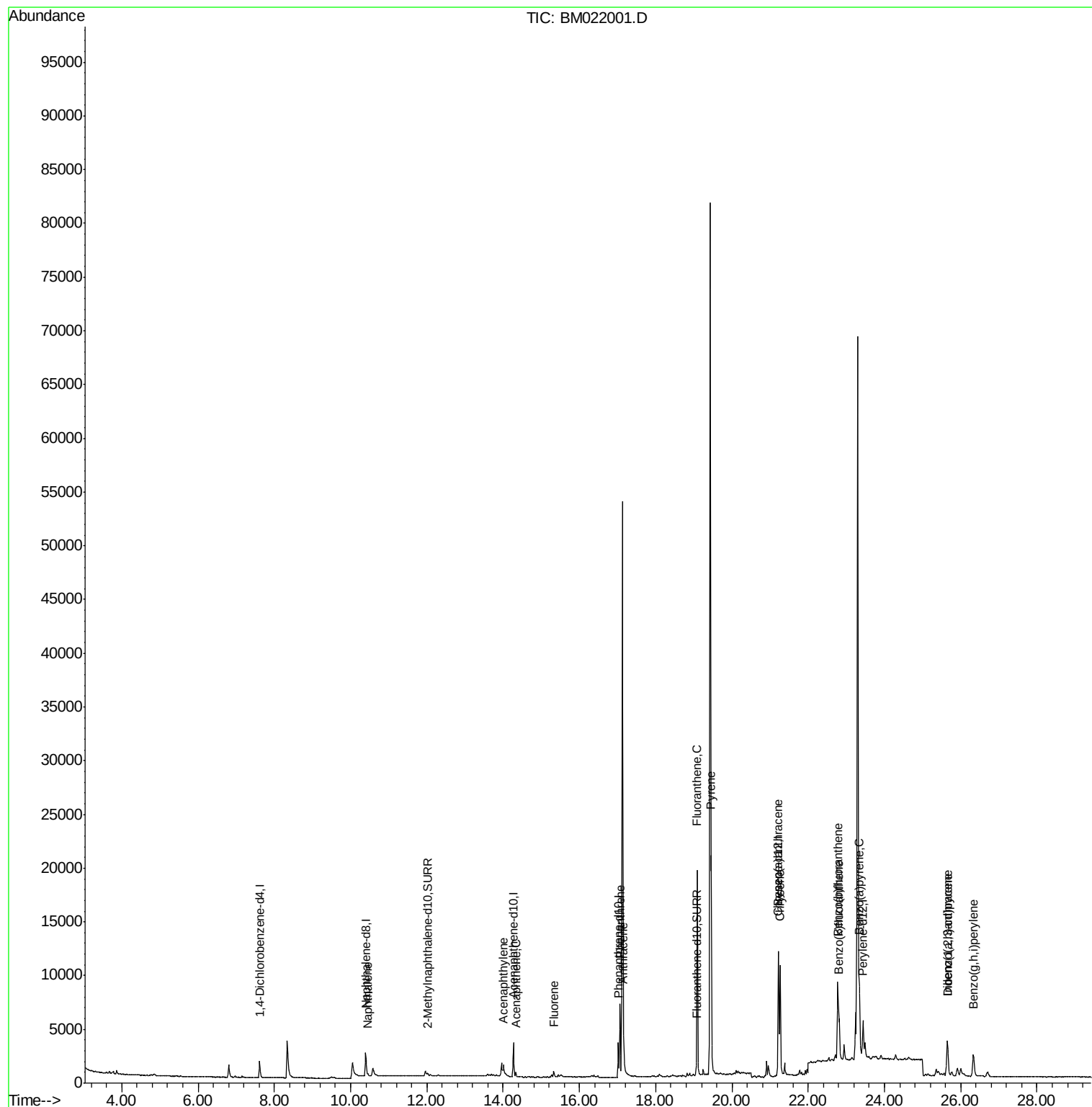
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
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ALS Vial : 38 Sample Multiplier: 1

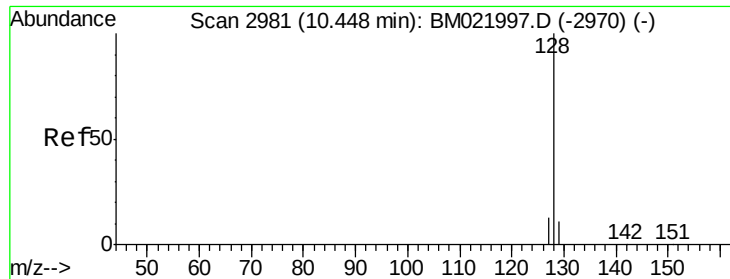
Instrument :
BNA_M
ClientSampleId :
BENT6DL

Quant Time: Aug 11 02:11:31 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
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#3

Naphthalene

Concen: 0.024 ng/ul

RT: 10.45 min Scan# 2981

Delta R.T. -0.02 min

Lab File: BM022001.D

Acq: 10 Aug 2019 17:41

Instrument :

BNA_M

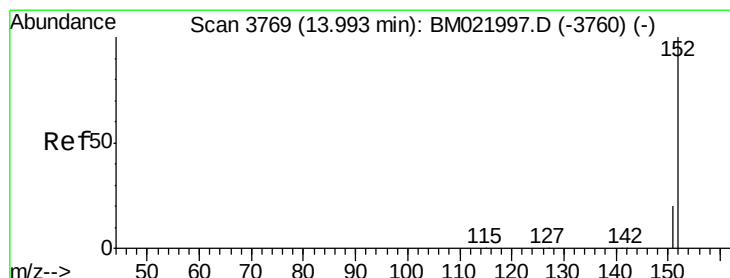
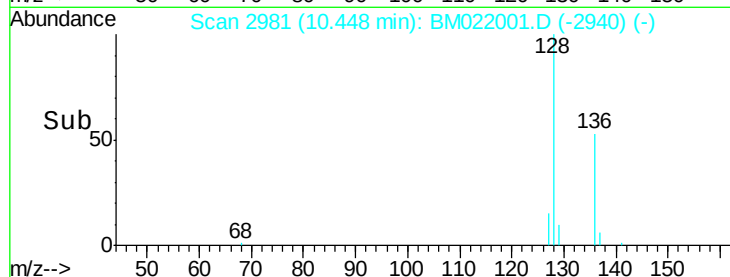
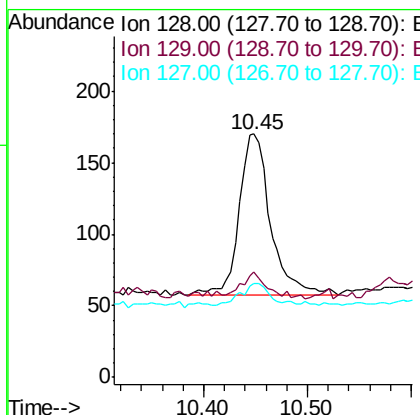
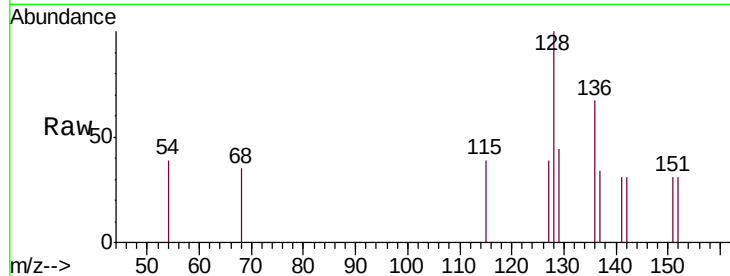
ClientSampled :

BENT6DL

Tgt Ion:	128	Resp:	233
Ion Ratio	Lower	Upper	
128	100		
129	43.5	12.3	18.5#
127	38.8	13.0	19.6#

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#7

Acenaphthylene

Concen: 0.107 ng/ul

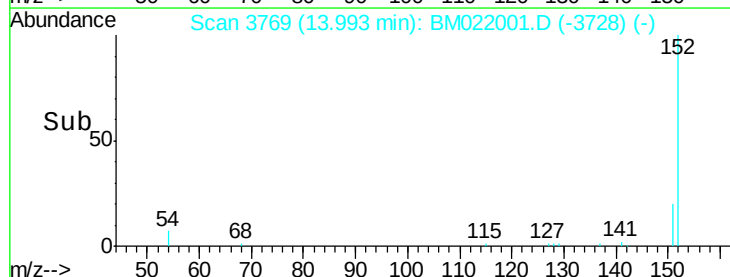
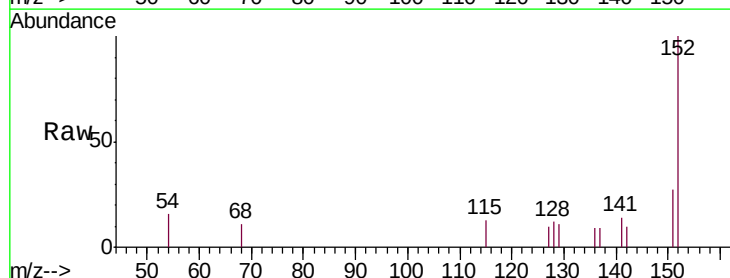
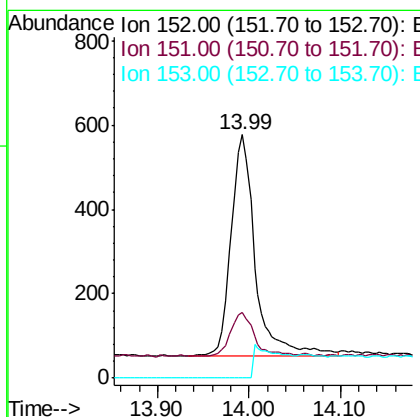
RT: 13.99 min Scan# 3769

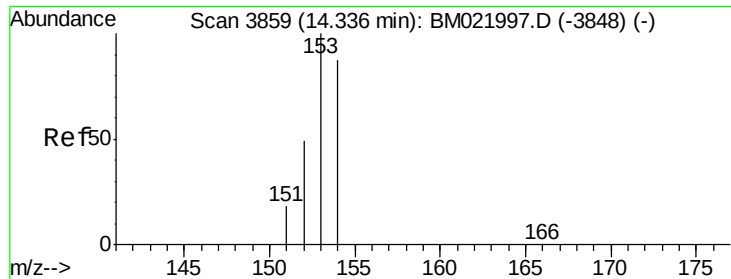
Delta R.T. -0.02 min

Lab File: BM022001.D

Acq: 10 Aug 2019 17:41

Tgt Ion:	152	Resp:	915
Ion Ratio	Lower	Upper	
152	100		
151	27.0	18.3	27.5
153	0.0	12.8	19.2#





#8

Acenaphthene

Concen: 0.038 ng/ul

RT: 14.33 min Scan# 3858

Delta R.T. -0.01 min

Lab File: BM022001.D

Acq: 10 Aug 2019 17:41

Instrument :

BNA_M

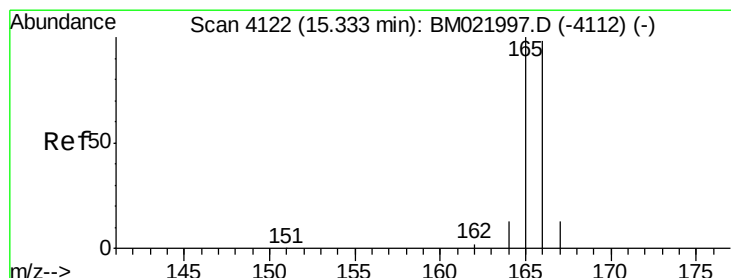
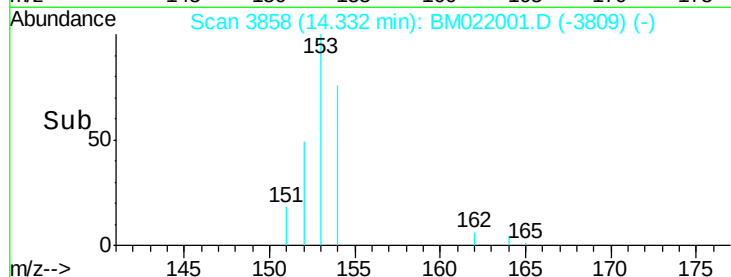
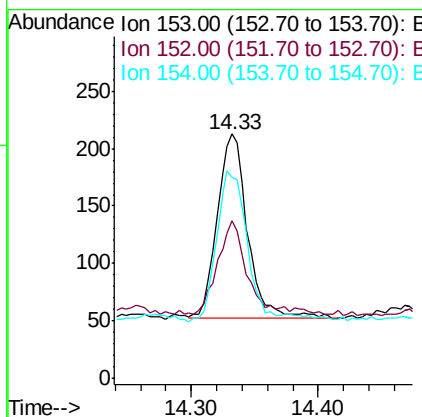
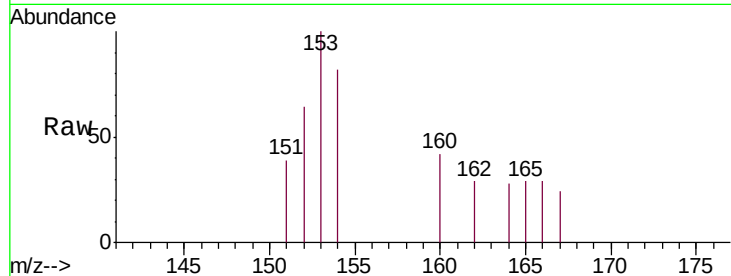
ClientSampled :

BENT6DL

Tgt Ion:	153	Resp:	266
Ion Ratio	Lower	Upper	
153	100		
152	64.3	41.3	61.9#
154	82.2	72.3	108.5

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#9

Fluorene

Concen: 0.051 ng/ul

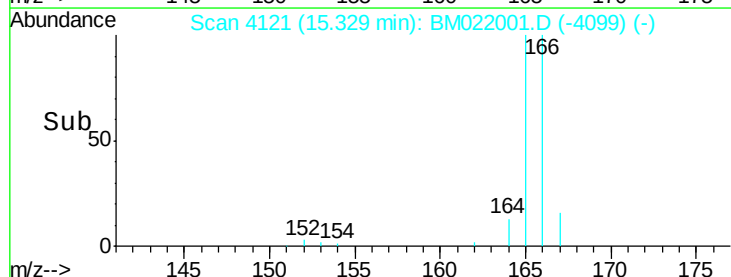
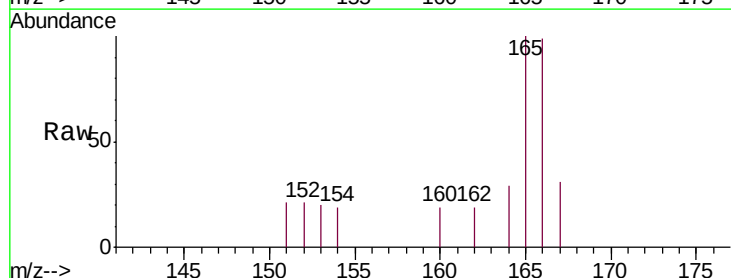
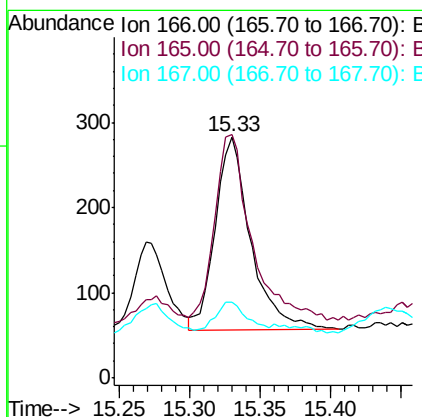
RT: 15.33 min Scan# 4121

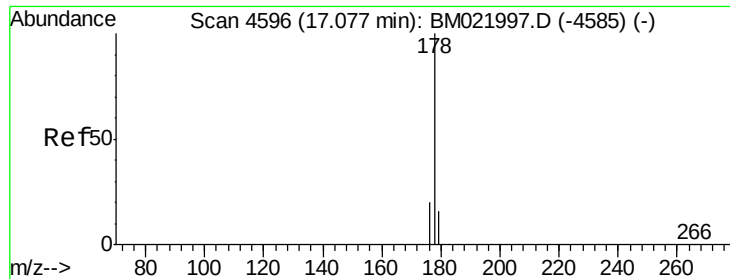
Delta R.T. -0.02 min

Lab File: BM022001.D

Acq: 10 Aug 2019 17:41

Tgt Ion:	166	Resp:	398
Ion Ratio	Lower	Upper	
166	100		
165	101.1	81.4	122.0
167	31.4	13.7	20.5#





#12

Phenanthrene

Concen: 0.635 ng/ul

RT: 17.06 min Scan# 4592

Delta R.T. -0.02 min

Lab File: BM022001.D

Acq: 10 Aug 2019 17:41

Instrument :

BNA_M

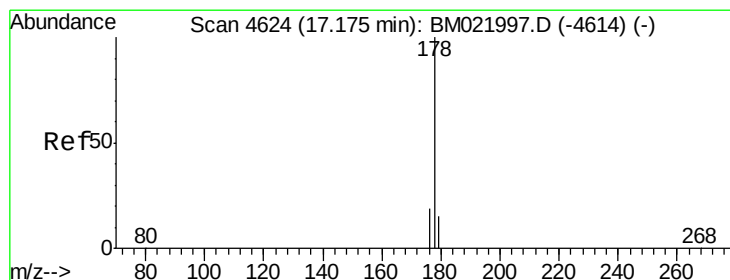
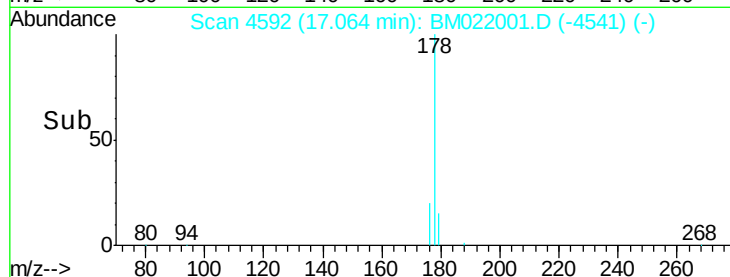
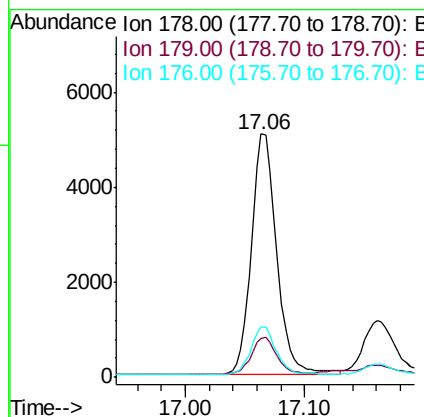
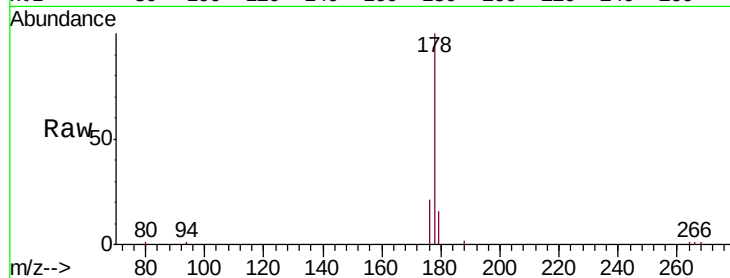
ClientSampleId :

BENT6DL

Tgt Ion:	178	Resp:	7499
Ion Ratio	Lower	Upper	
178	100		
179	16.1	14.2	21.2
176	20.8	16.8	25.2

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#13

Anthracene

Concen: 0.198 ng/ul

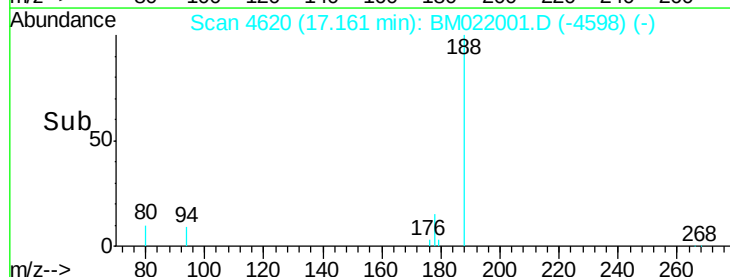
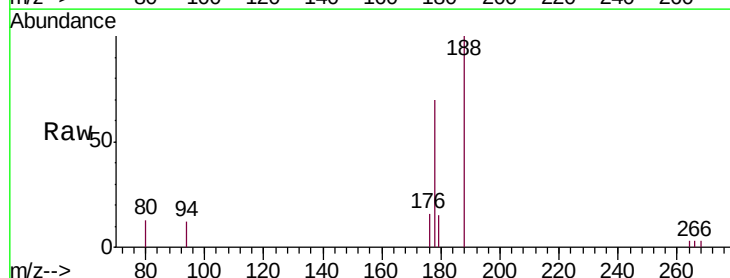
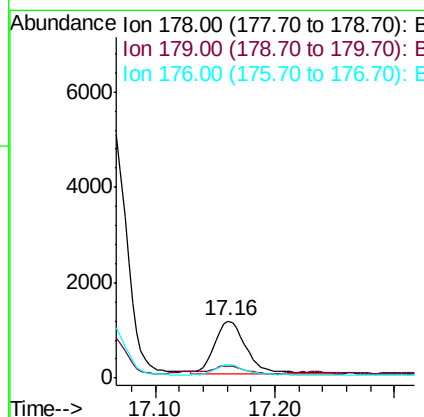
RT: 17.16 min Scan# 4620

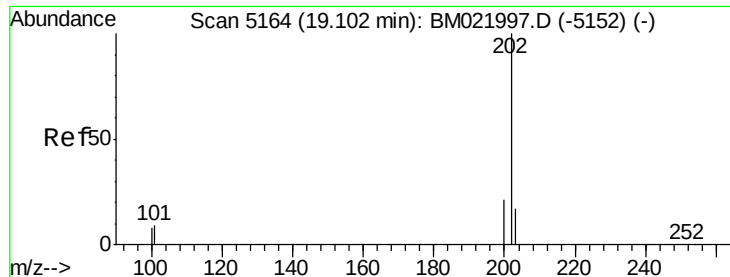
Delta R.T. -0.02 min

Lab File: BM022001.D

Acq: 10 Aug 2019 17:41

Tgt Ion:	178	Resp:	1996
Ion Ratio	Lower	Upper	
178	100		
179	21.9	15.5	23.3
176	23.5	16.6	25.0





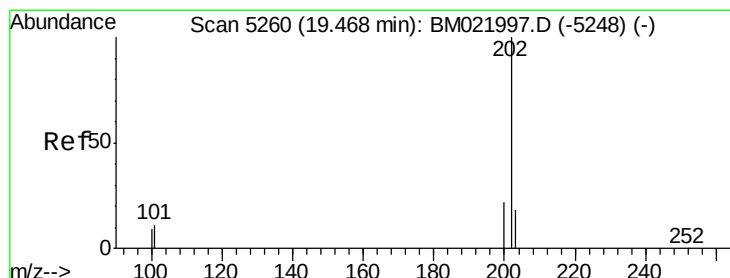
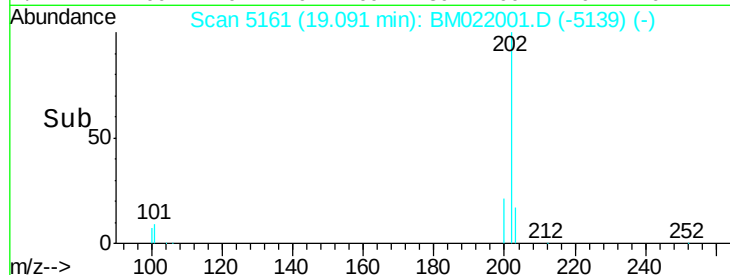
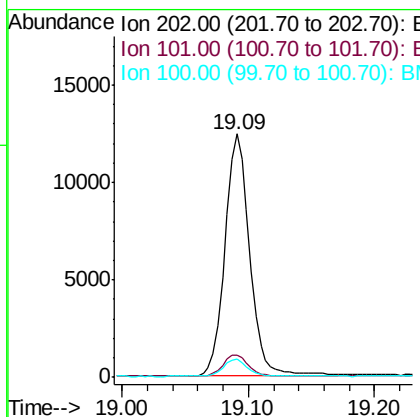
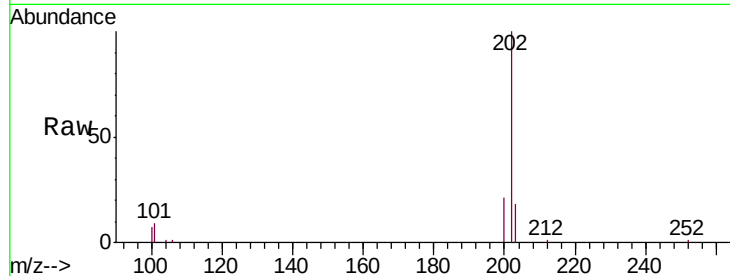
#15
Fluoranthene
 Concen: 1.074 ng/ul
 RT: 19.09 min Scan# 5161
 Delta R.T. -0.02 min
 Lab File: BM022001.D
 Acq: 10 Aug 2019 17:41

Instrument :
 BNA_M
 ClientSampleId :
 BENT6DL

Tgt Ion:	202	Resp:	16993
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	30.2
100	7.4	0.0	28.1

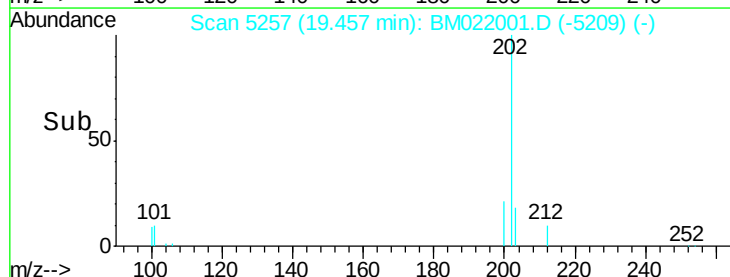
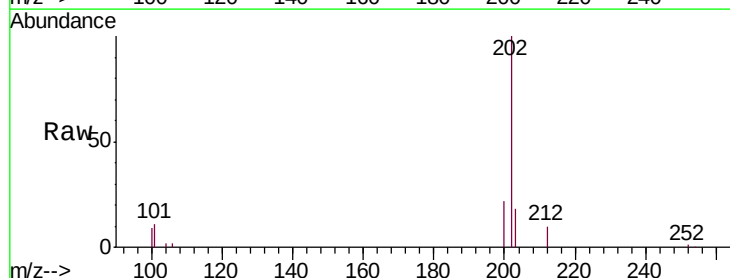
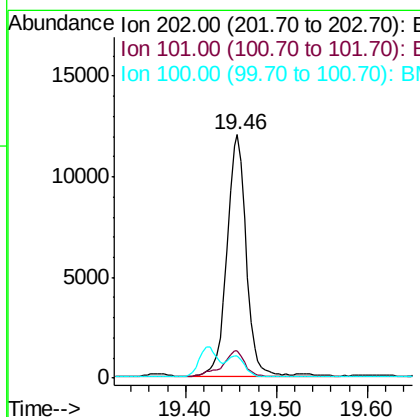
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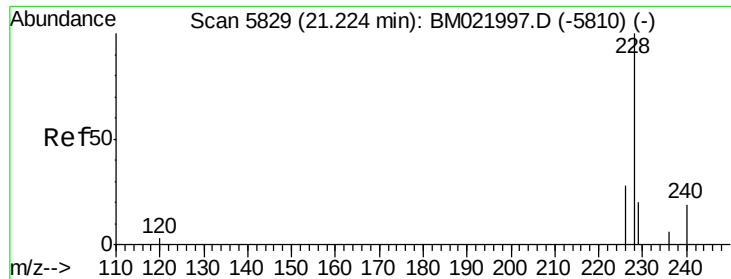
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#17
Pyrene
 Concen: 1.081 ng/ul
 RT: 19.46 min Scan# 5257
 Delta R.T. -0.02 min
 Lab File: BM022001.D
 Acq: 10 Aug 2019 17:41

Tgt Ion:	202	Resp:	17699
Ion Ratio	Lower	Upper	
202	100		
101	11.0	8.3	12.5
100	9.3	7.2	10.8





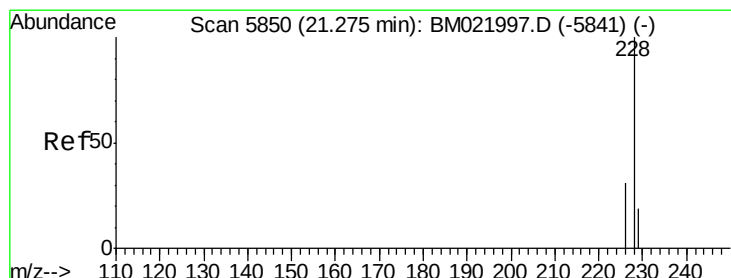
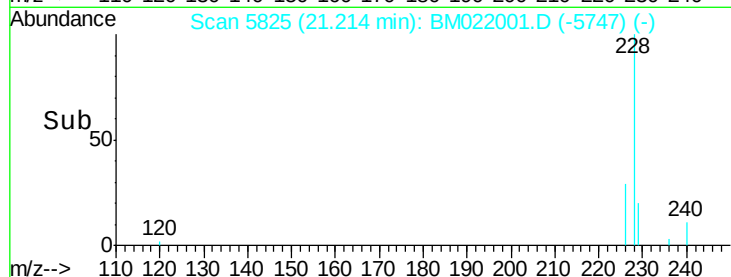
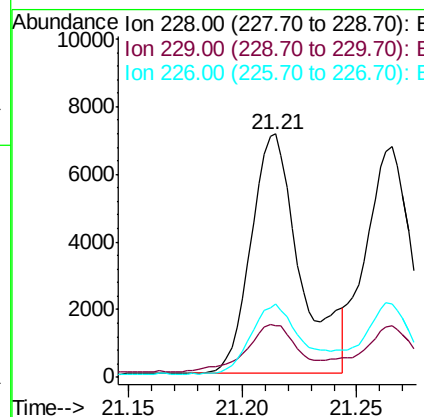
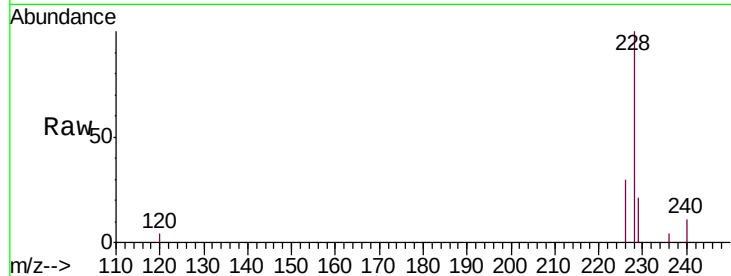
#18
Benzo(a)anthracene
Concen: 0.742 ng/ul
RT: 21.21 min Scan# 5825
Delta R.T. -0.01 min
Lab File: BM022001.D
Acq: 10 Aug 2019 17:41

Instrument :
BNA_M
ClientSampled :
BENT6DL

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.4	17.2	25.8
226	30.1	22.6	34.0

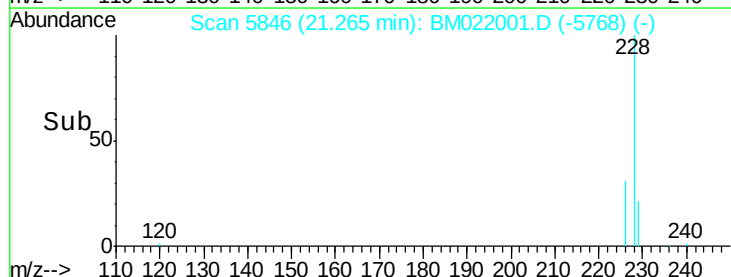
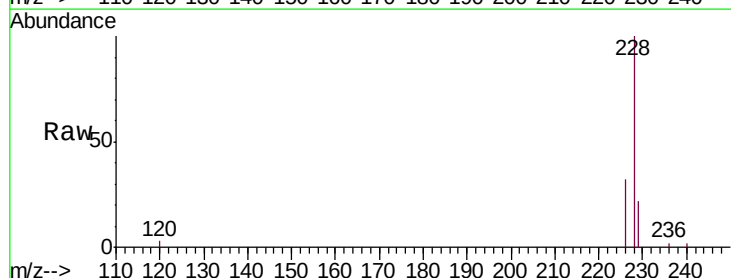
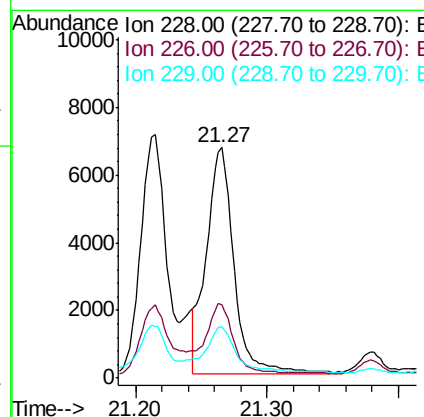
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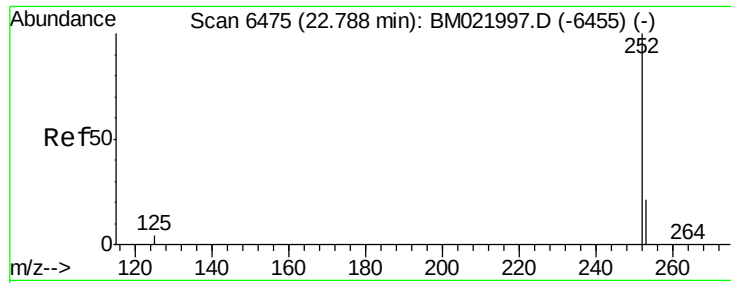
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#19
Chrysene
Concen: 0.537 ng/ul
RT: 21.27 min Scan# 5846
Delta R.T. -0.01 min
Lab File: BM022001.D
Acq: 10 Aug 2019 17:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.9	37.3
229	22.1	16.6	25.0





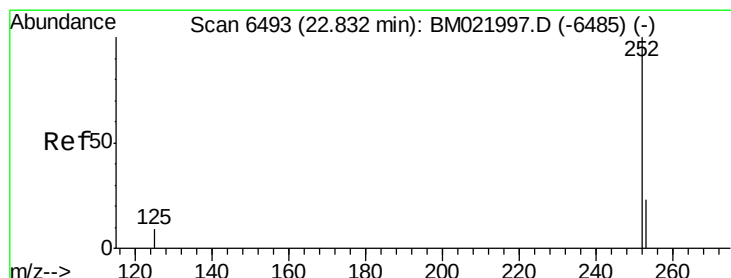
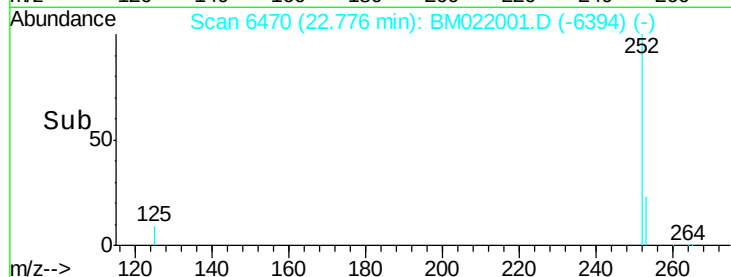
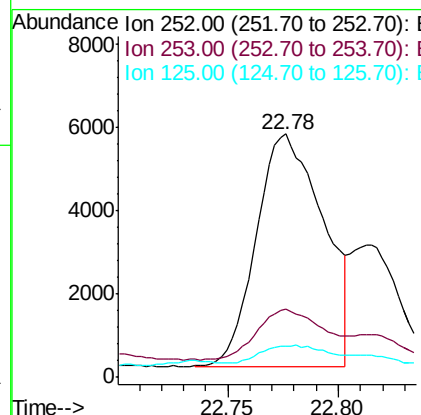
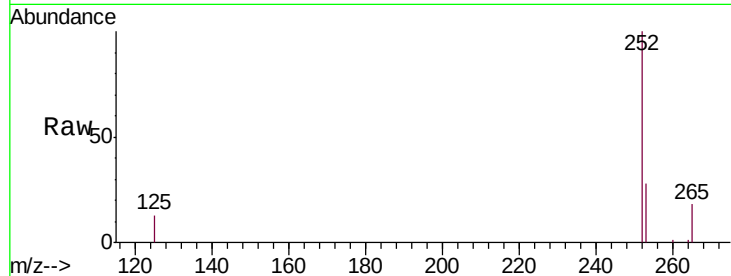
#21
Benzo(b)fluoranthene
Concen: 0.784 ng/ul m
RT: 22.78 min Scan# 6470
Delta R.T. -0.01 min
Lab File: BM022001.D
Acq: 10 Aug 2019 17:41

Instrument :
BNA_M
ClientSampleId :
BENT6DL

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	28.2	0.0	67.4
125	12.9	0.0	31.0

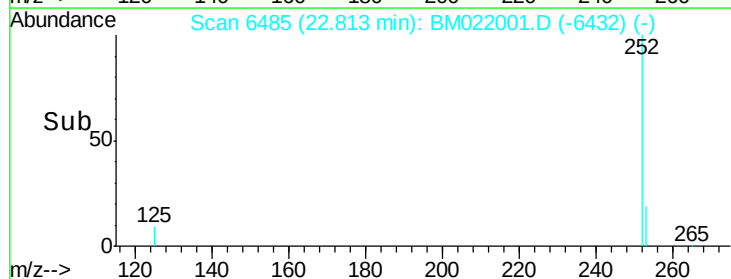
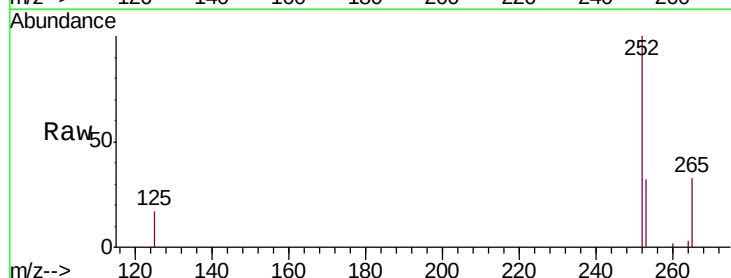
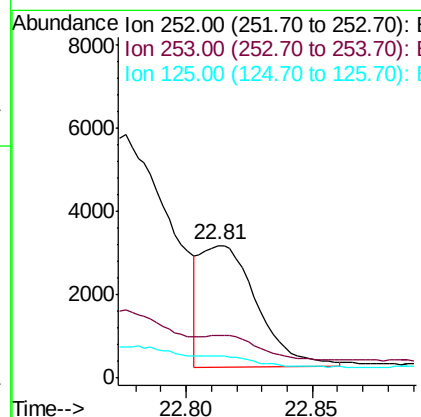
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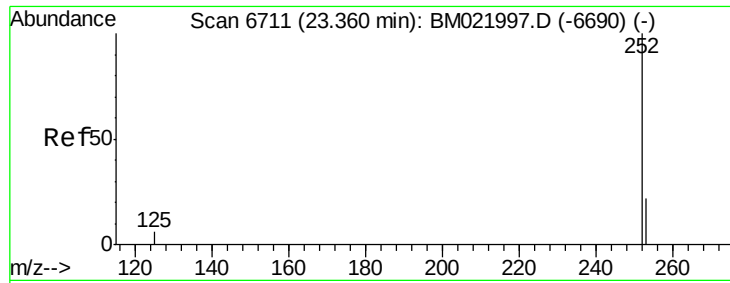
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#22
Benzo(k)fluoranthene
Concen: 0.270 ng/ul m
RT: 22.81 min Scan# 6485
Delta R.T. -0.02 min
Lab File: BM022001.D
Acq: 10 Aug 2019 17:41

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	32.5	27.0	40.4
125	16.6	12.2	18.2





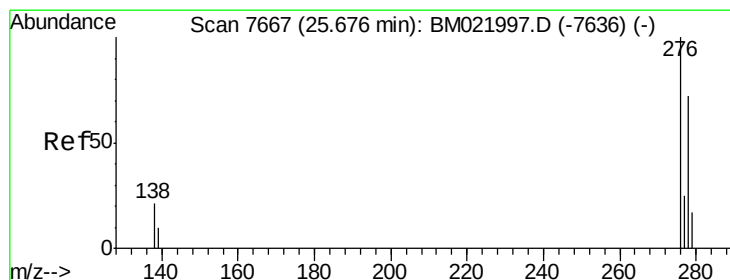
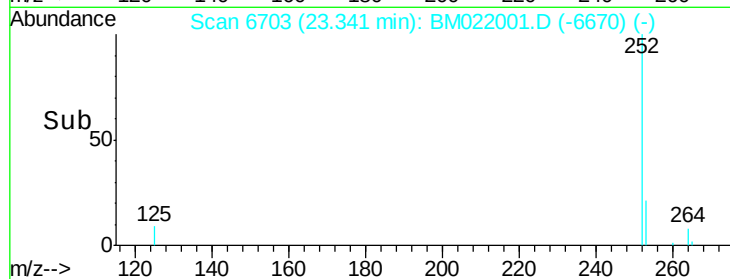
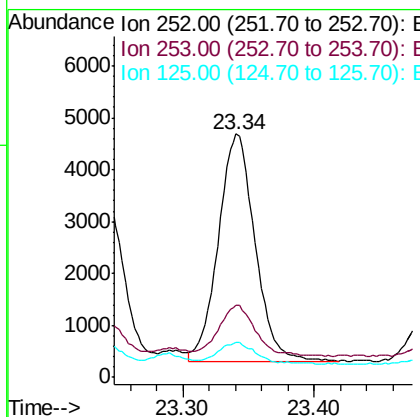
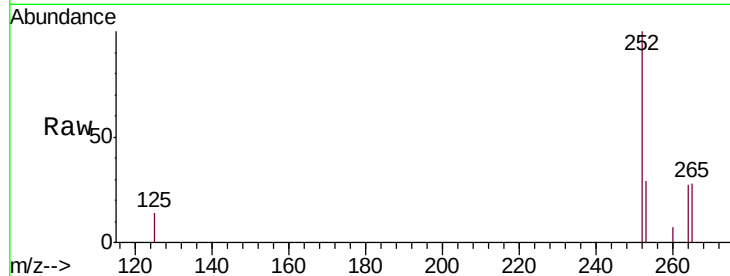
#23
Benzo(a)pyrene
Concen: 0.558 ng/ul
RT: 23.34 min Scan# 6703
Delta R.T. -0.02 min
Lab File: BM022001.D
Acq: 10 Aug 2019 17:41

Instrument :
BNA_M
ClientSampleId :
BENT6DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.4	31.7	47.5#
125	14.4	14.6	21.8#

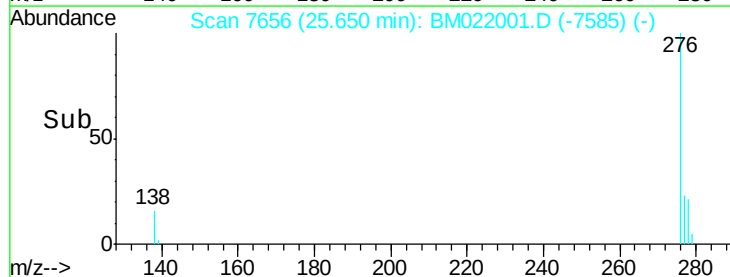
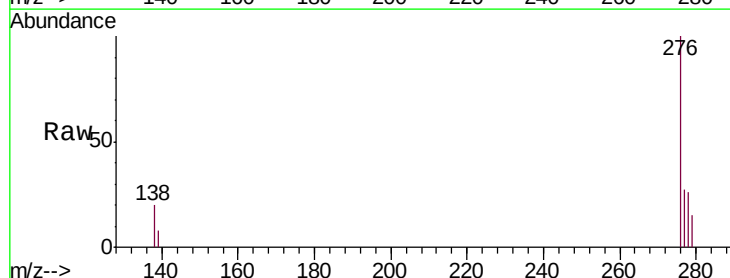
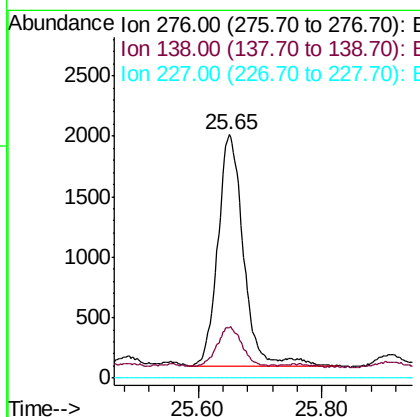
Manual Integrations
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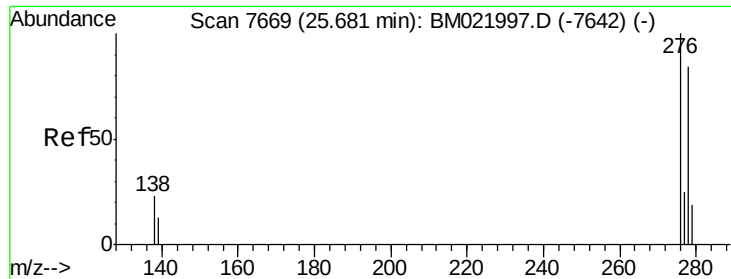
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.304 ng/ul
RT: 25.65 min Scan# 7656
Delta R.T. -0.03 min
Lab File: BM022001.D
Acq: 10 Aug 2019 17:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.7	15.1	22.7
227	0.0	0.0	0.0





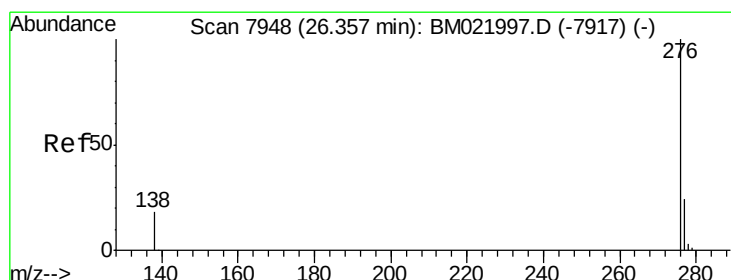
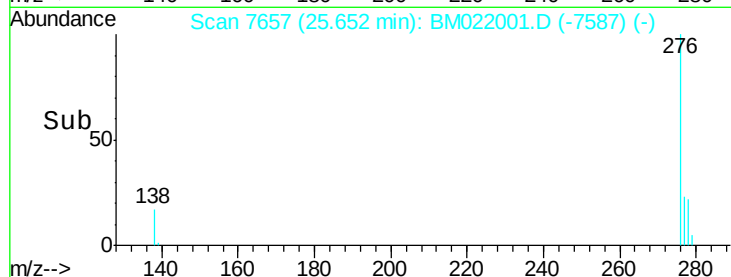
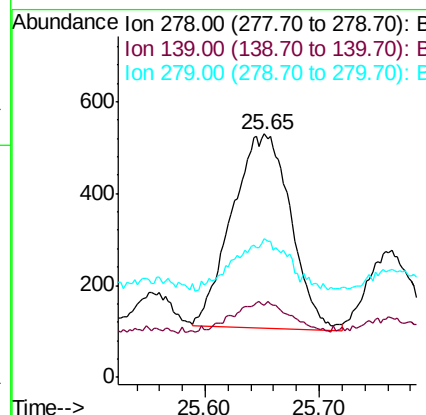
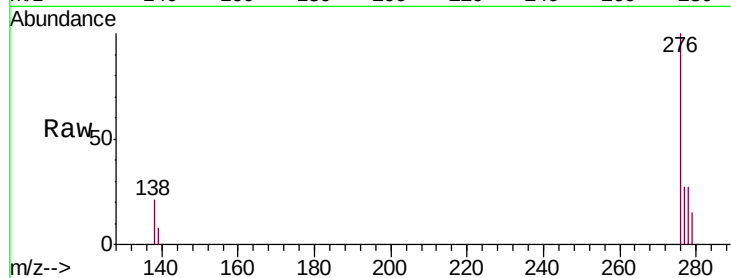
#25
Dibenzo(a,h)anthracene
Concen: 0.103 ng/ul
RT: 25.65 min Scan# 7657
Delta R.T. -0.03 min
Lab File: BM022001.D
Acq: 10 Aug 2019 17:41

Instrument :
BNA_M
ClientSampleId :
BENT6DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.6	14.2	21.2#
279	57.2	28.3	42.5#

Manual Integrations
APPROVED

Sohil
8/13/2019 8:46:58 AM



#26
Benzo(g,h,i)perylene
Concen: 0.266 ng/ul
RT: 26.33 min Scan# 7937
Delta R.T. -0.03 min
Lab File: BM022001.D
Acq: 10 Aug 2019 17:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.7	15.5	23.3
277	29.1	21.4	32.2

