

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
 Data File : BM026119.D
 Acq On : 26 May 2020 18:08
 Operator : MA/SJ
 Sample : L2737-15DL 20X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 F9B14DL

Manual Integrations
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mohammad
 5/27/2020 11:47:10 AM

Quant Time: May 27 06:15:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 26 11:15:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	139968	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	560960	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	329382	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	702565	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	746012	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	766734	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	2275m	0.49	ng/uL	0.00
5) Phenol-d5	6.69	99	4788	0.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	15308	1.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	12988	1.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	8393	0.88	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	8577	1.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	7833	1.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	14474	1.59	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	49358	1.87	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	53296	1.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.38	143	1264	0.27	ng/ul	0.02
58) Fluorene-d10	15.13	176	44384	1.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	3782	0.92	ng/ul	0.00
71) Anthracene-d10	16.98	188	68044	1.97	ng/ul	0.00
79) Pyrene-d10	19.28	212	73610	1.92	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	70363	1.72	ng/ul	0.00

Target Compounds

					Qvalue
6) Phenol	6.71	94	127402	8.95	ng/ul 98
11) 2-Methylphenol	7.94	108	252529	25.75	ng/ul 99
16) 4-Methylphenol	8.27	108	337953	31.69	ng/ul 96
24) 2,4-Dimethylphenol	9.46	107	592273m	47.15	ng/ul
28) Naphthalene	10.32	128	17847008	520.35	ng/ul# 92
34) 2-Methylnaphthalene	11.92	142	610057	26.44	ng/ul 99
41) 1,1'-Biphenyl	12.96	154	121529	4.16	ng/ul 98
50) Acenaphthene	14.20	153	510503	21.07	ng/ul 98
54) Dibenzofuran	14.53	168	375043	11.01	ng/ul 99
59) Fluorene	15.19	166	257458	9.35	ng/ul 99
70) Phenanthrene	16.92	178	428025	9.67	ng/ul 100
72) Anthracene	17.02	178	45967	1.04	ng/ul 95
75) Carbazole	17.29	167	840010	22.87	ng/ul 99
77) Fluoranthene	18.94	202	72293	1.56	ng/ul 98

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

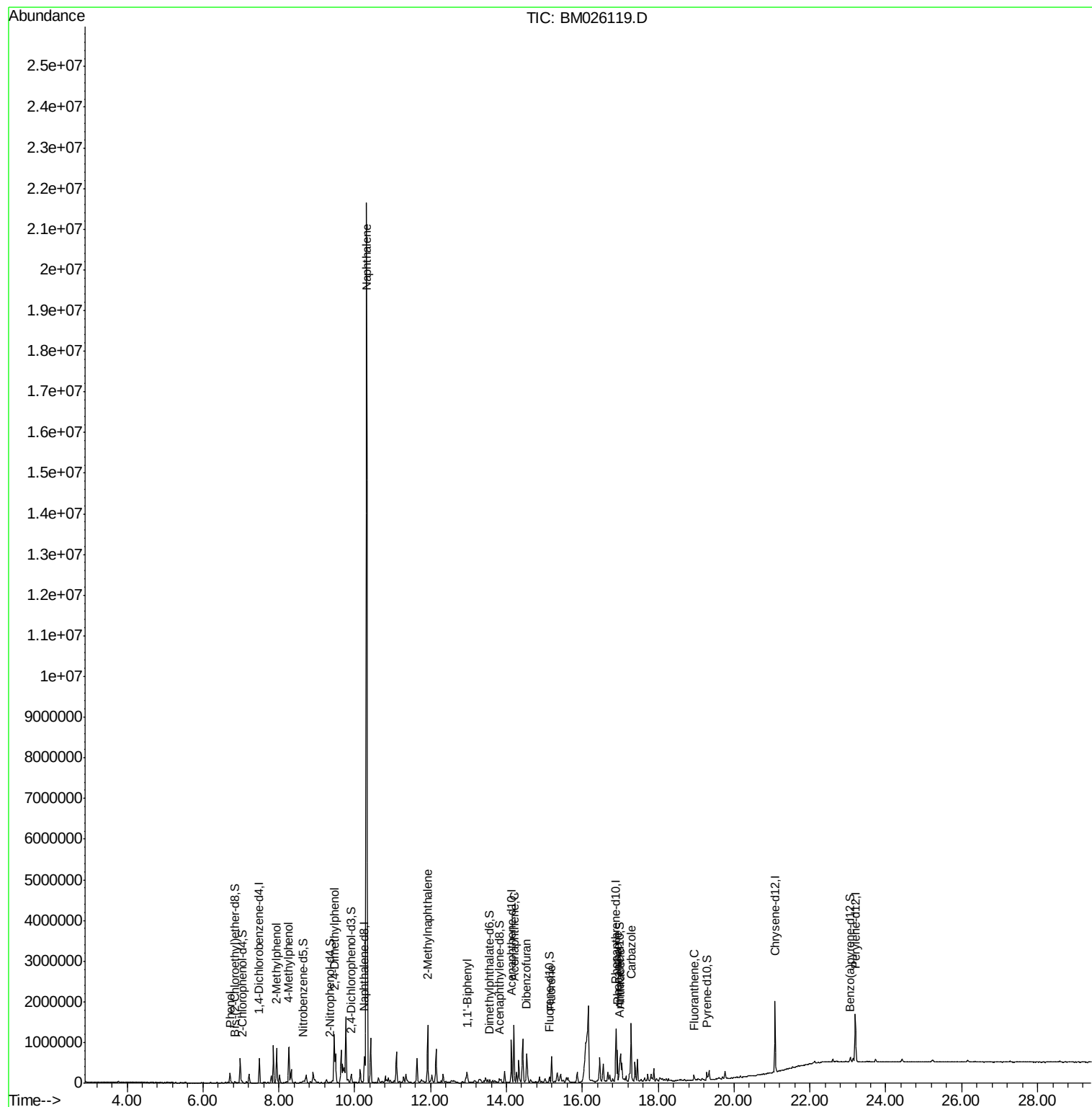
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026119.D
Acq On : 26 May 2020 18:08
Operator : MA/SJ
Sample : L2737-15DL 20X
Misc :
ALS Vial : 14 Sample Multiplier: 1

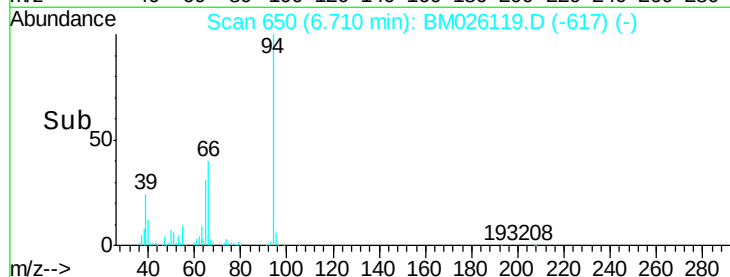
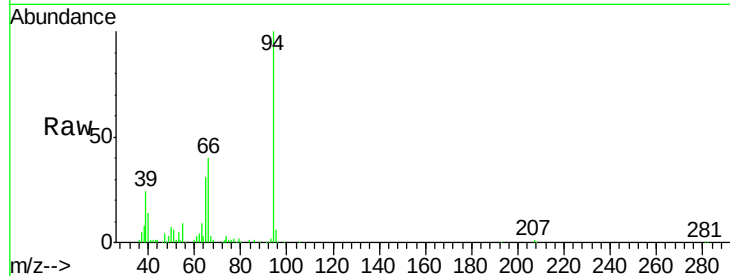
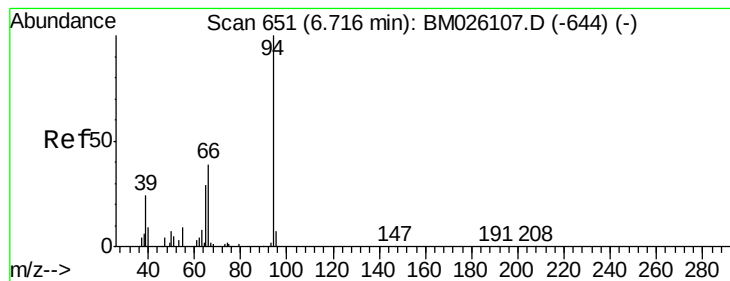
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 26 11:15:44 2020
Response via : Initial Calibration





#6

Phenol

Concen: 8.95 ng/ul

RT: 6.71 min Scan# 650

Delta R.T. -0.01 min

Lab File: BM026119.D

Acq: 26 May 2020 18:08

Tgt Ion:	94	Resp:	127402
Ion Ratio	Lower	Upper	
94	100		
65	31.2	25.8	38.8
66	40.4	33.3	49.9

Instrument :

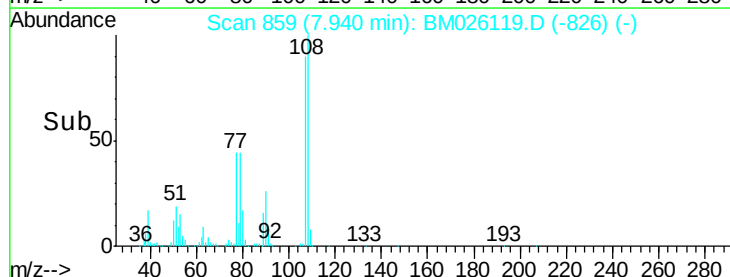
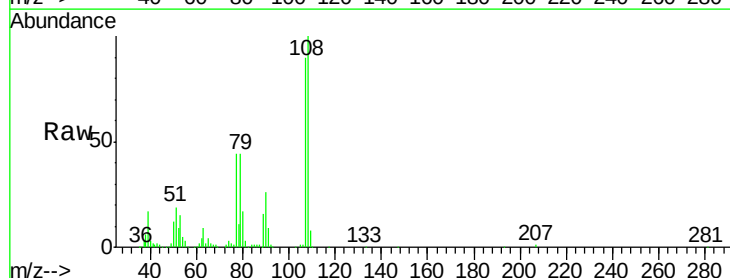
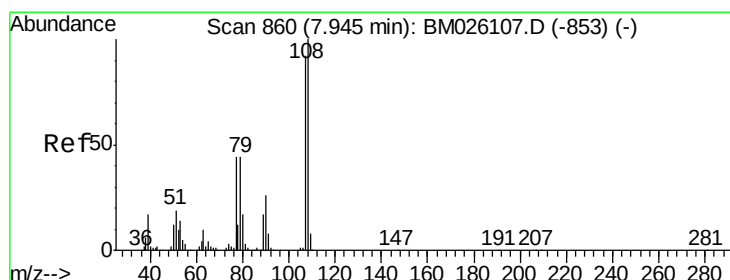
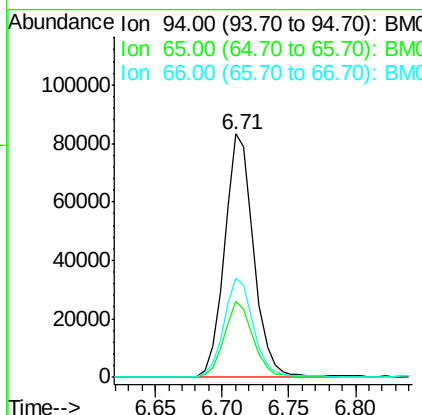
BNA_M

ClientSampled :

F9B14DL

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#11

2-Methylphenol

Concen: 25.75 ng/ul

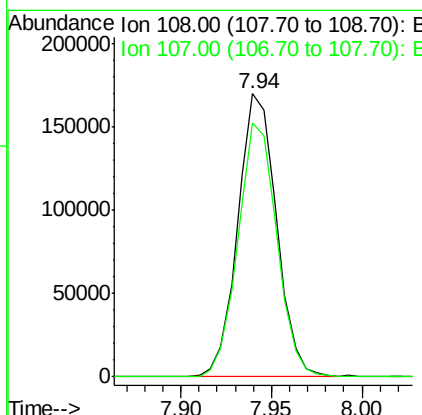
RT: 7.94 min Scan# 859

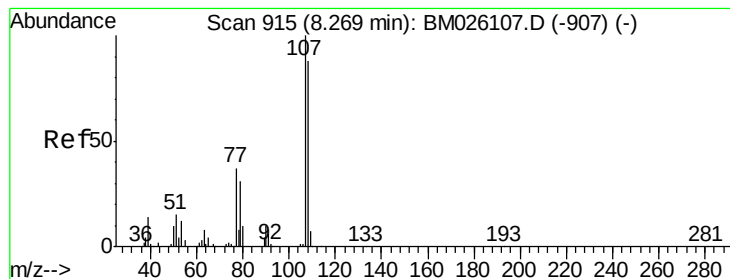
Delta R.T. -0.01 min

Lab File: BM026119.D

Acq: 26 May 2020 18:08

Tgt Ion:	108	Resp:	252529
Ion Ratio	Lower	Upper	
108	100		
107	89.6	72.3	108.5





#16

4-Methylphenol

Concen: 31.69 ng/ul

RT: 8.27 min Scan# 915

Delta R.T. 0.00 min

Lab File: BM026119.D

Acq: 26 May 2020 18:08

Instrument :

BNA_M

ClientSampleID :

F9B14DL

Tgt Ion:108 Resp: 337953

Ion Ratio Lower Upper

108 100

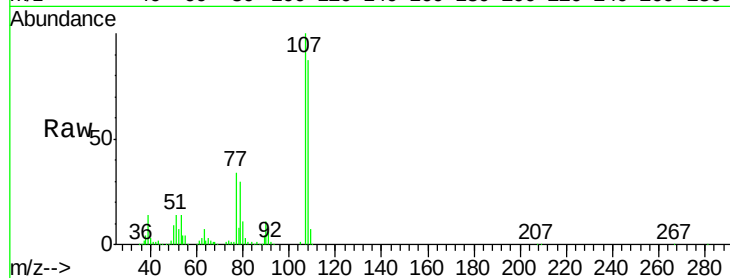
107 114.6 88.6 132.8

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Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

250000

200000

150000

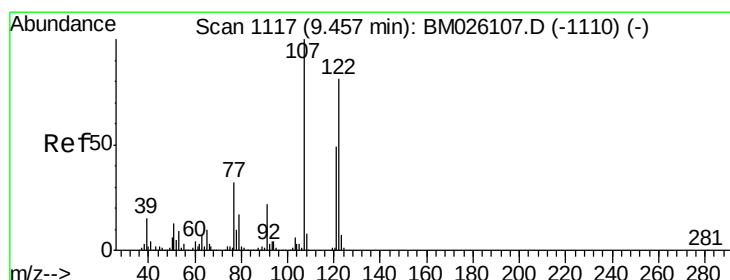
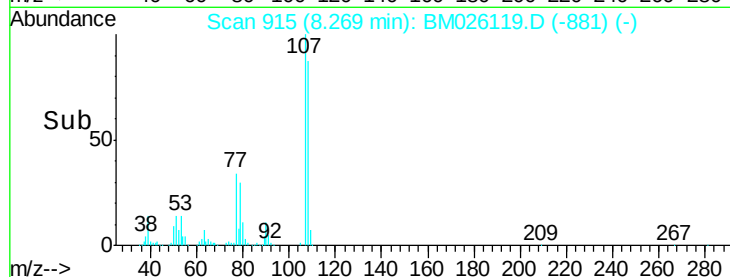
100000

50000

0

8.20 8.25 8.30 8.35

Time-->



#24

2,4-Dimethylphenol

Concen: 47.15 ng/ul m

RT: 9.46 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BM026119.D

Acq: 26 May 2020 18:08

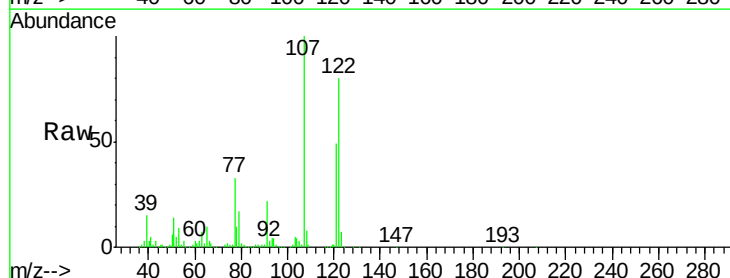
Tgt Ion:107 Resp: 592273

Ion Ratio Lower Upper

107 100

121 48.7 37.5 56.3

122 80.0 63.8 95.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E

300000

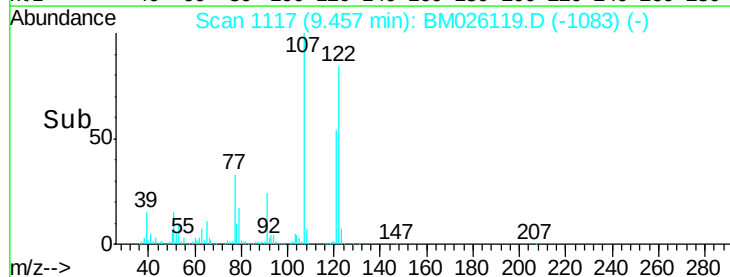
200000

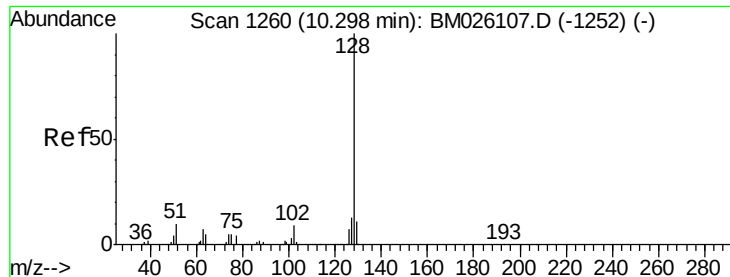
100000

0

9.40 9.45 9.50 9.55

Time-->





#28

Naphthalene

Concen: 520.35 ng/ul

RT: 10.32 min Scan# 1263

Delta R.T. 0.02 min

Lab File: BM026119.D

Acq: 26 May 2020 18:08

Instrument :

BNA_M

ClientSampleId :

F9B14DL

Tgt Ion:128 Resp:17847008

Ion Ratio Lower Upper

128 100

129 14.0 9.0 13.4#

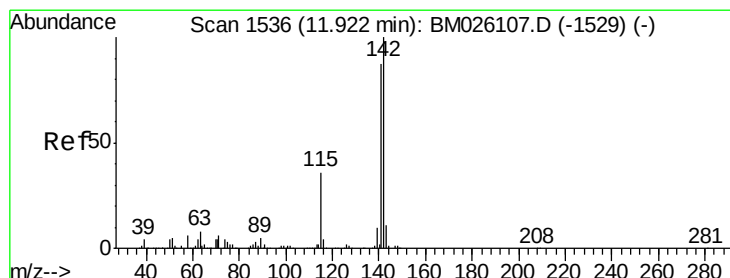
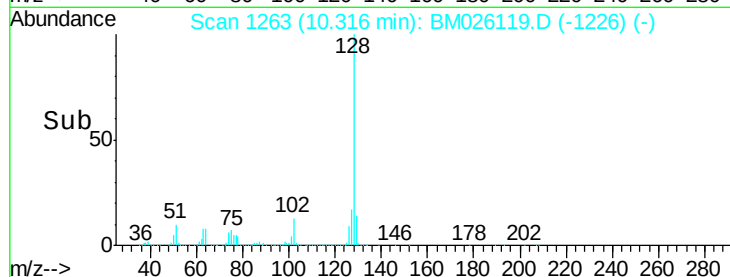
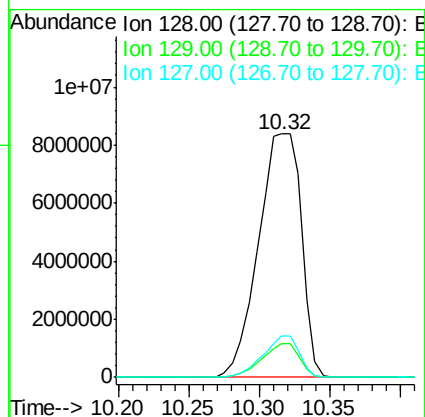
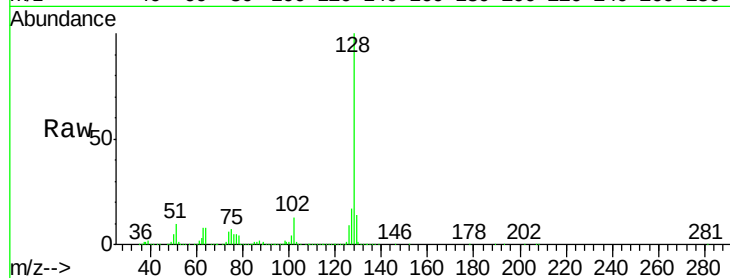
127 16.9 10.6 15.8#

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#34

2-Methylnaphthalene

Concen: 26.44 ng/ul

RT: 11.92 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BM026119.D

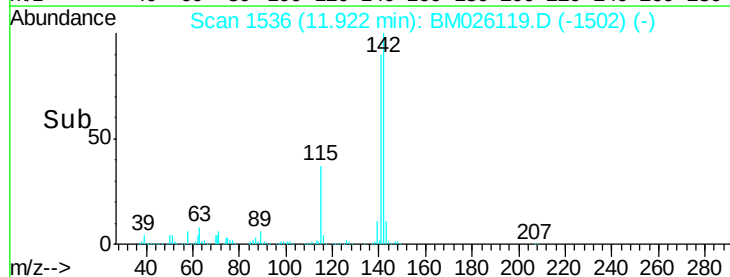
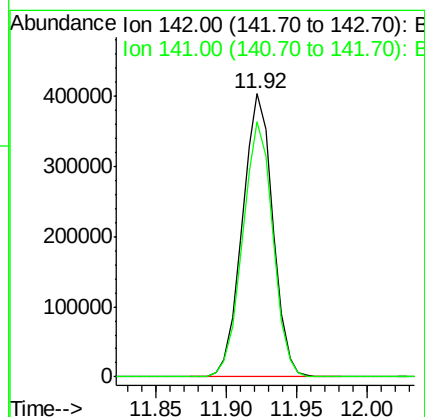
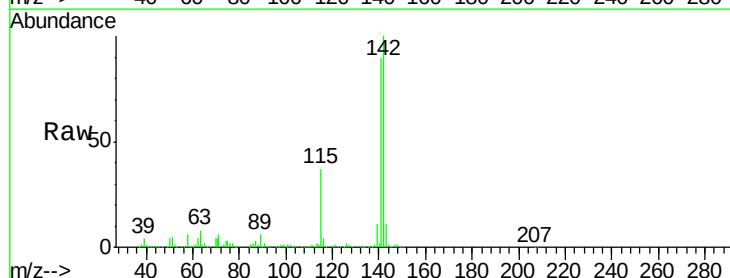
Acq: 26 May 2020 18:08

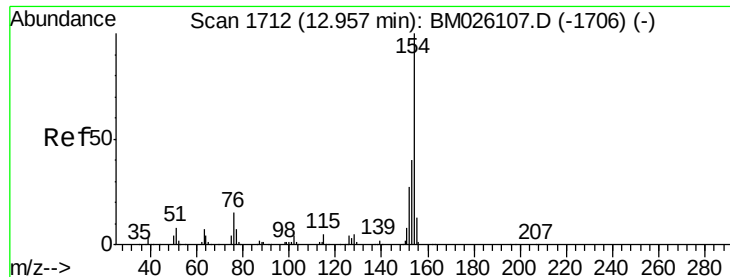
Tgt Ion:142 Resp: 610057

Ion Ratio Lower Upper

142 100

141 90.2 71.8 107.6





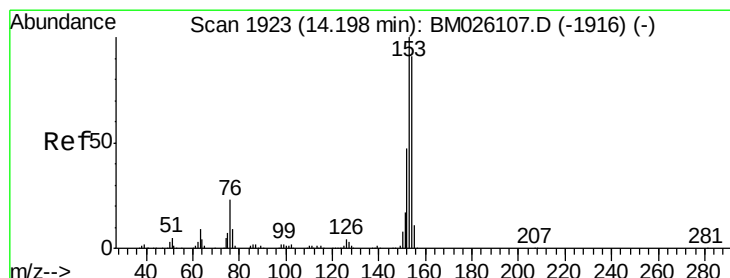
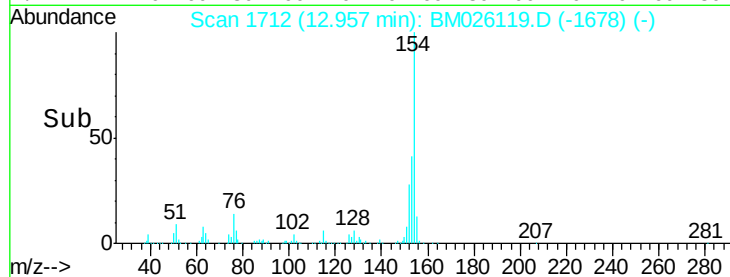
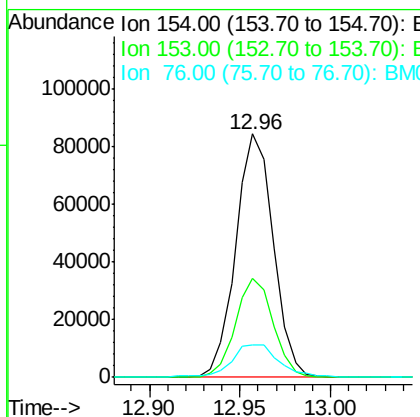
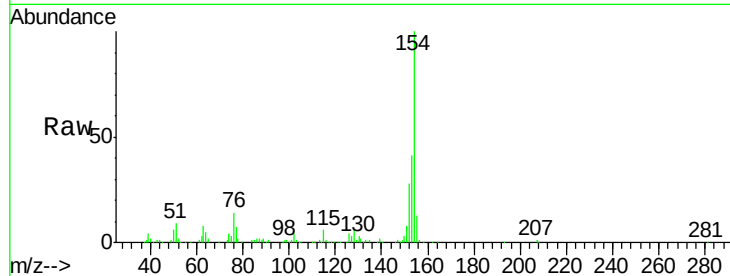
#41
 1,1'-Biphenyl
 Concen: 4.16 ng/ul
 RT: 12.96 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BM026119.D
 Acq: 26 May 2020 18:08

Instrument :
 BNA_M
 ClientSampleId :
 F9B14DL

Tgt Ion:	154	Resp:	121529
Ion Ratio	Lower	Upper	
154	100		
153	40.7	32.3	48.5
76	13.5	13.0	19.6

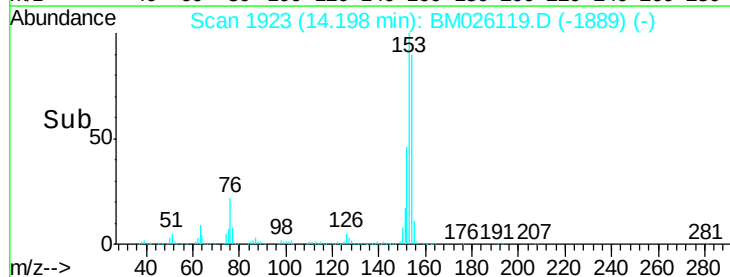
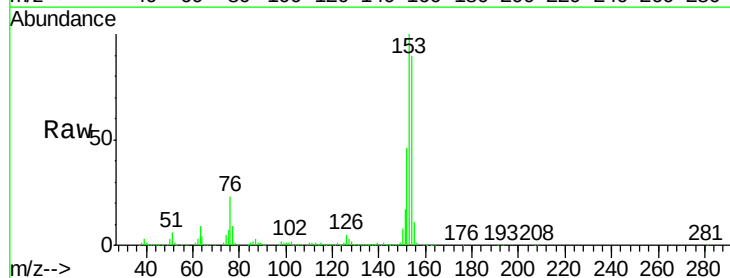
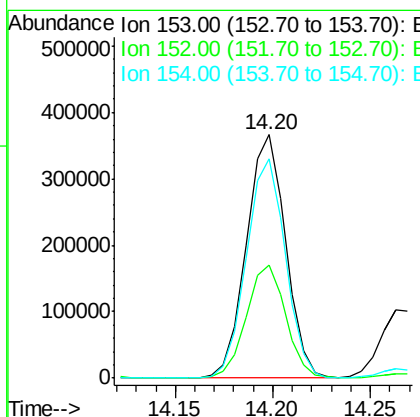
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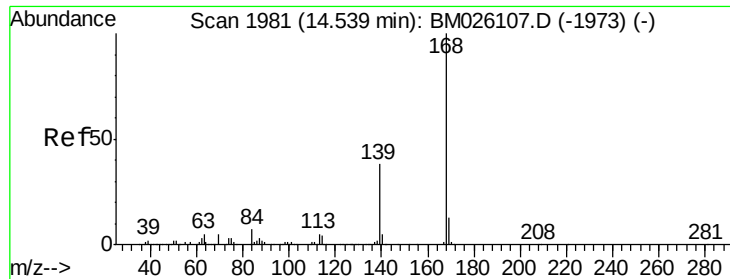
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#50
 Acenaphthene
 Concen: 21.07 ng/ul
 RT: 14.20 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: BM026119.D
 Acq: 26 May 2020 18:08

Tgt Ion:	153	Resp:	510503
Ion Ratio	Lower	Upper	
153	100		
152	46.3	37.2	55.8
154	90.1	69.8	104.8





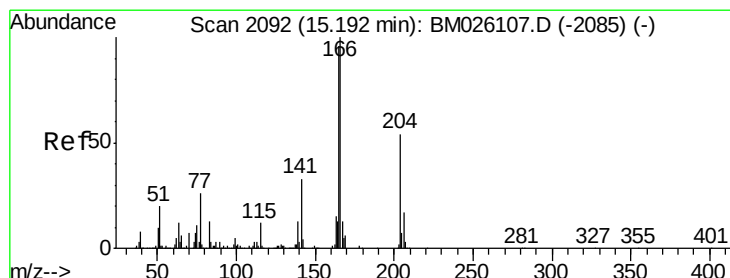
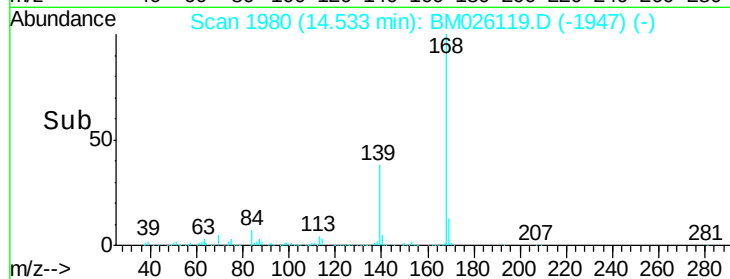
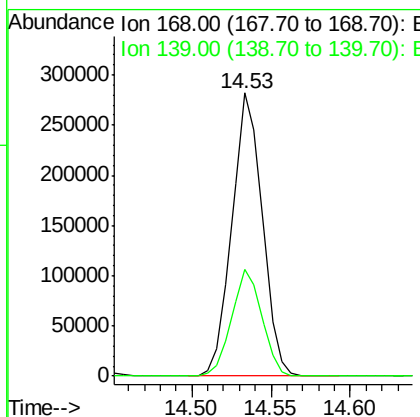
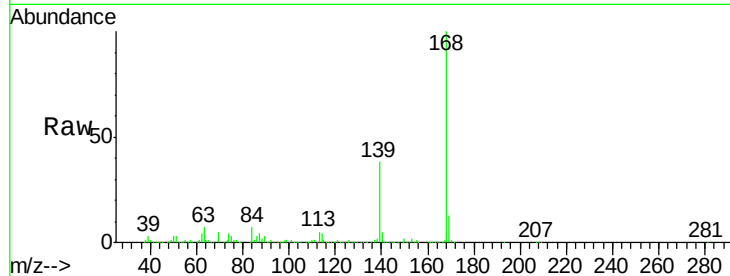
#54
Dibenzenofuran
Concen: 11.01 ng/ul
RT: 14.53 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BM026119.D
Acq: 26 May 2020 18:08

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:168 Resp: 375043
Ion Ratio Lower Upper
168 100
139 37.8 30.7 46.1

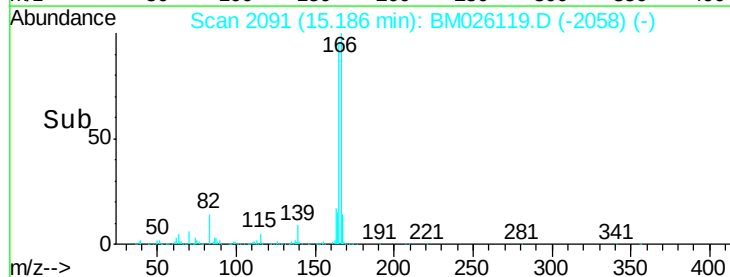
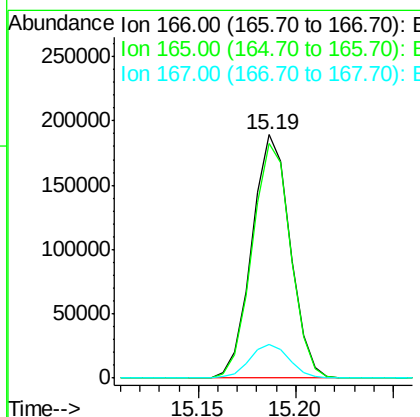
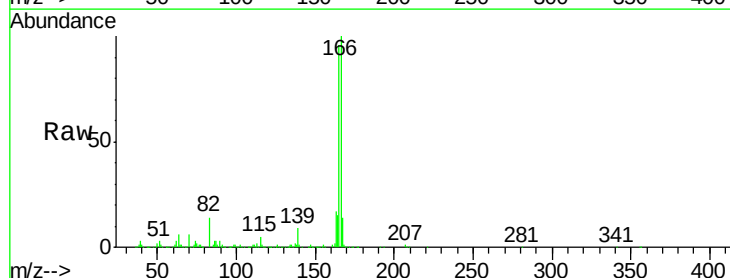
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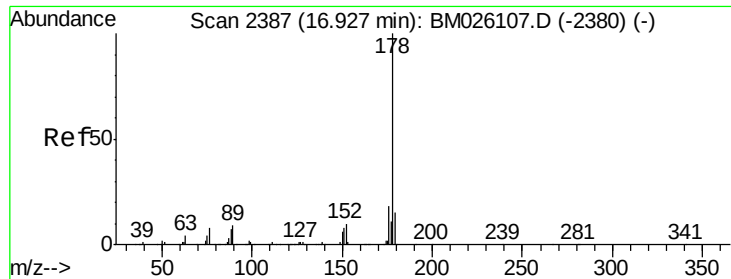
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#59
Fluorene
Concen: 9.35 ng/ul
RT: 15.19 min Scan# 2091
Delta R.T. -0.01 min
Lab File: BM026119.D
Acq: 26 May 2020 18:08

Tgt Ion:166 Resp: 257458
Ion Ratio Lower Upper
166 100
165 96.2 77.3 115.9
167 13.9 10.6 16.0





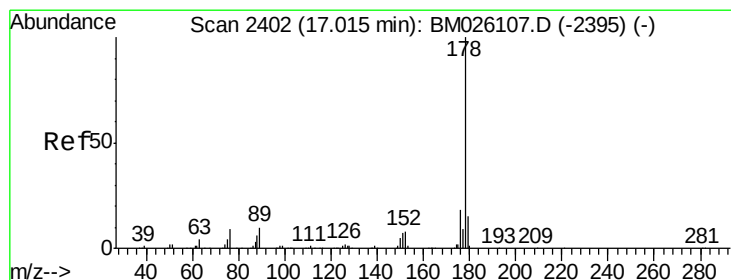
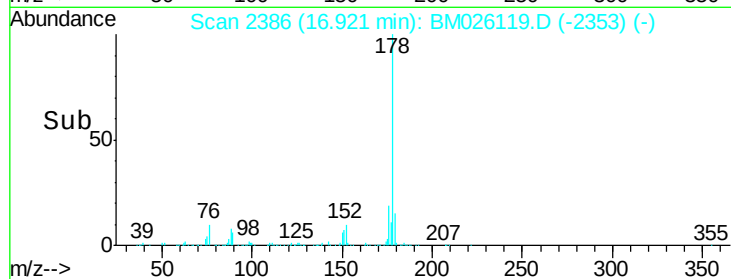
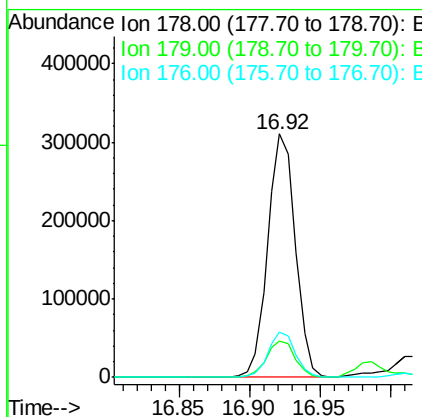
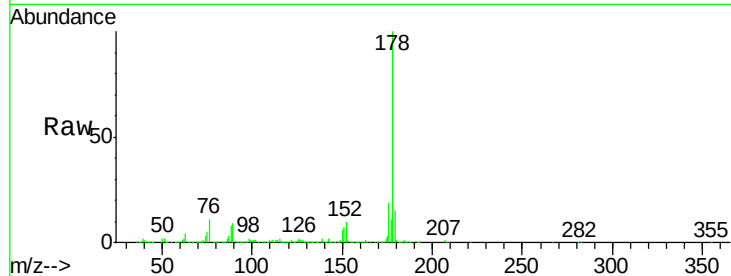
#70
Phenanthrene
Concen: 9.67 ng/ul
RT: 16.92 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BM026119.D
Acq: 26 May 2020 18:08

Instrument :
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F9B14DL

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	428025		
179	15.1		11.9	17.9
176	18.6		14.9	22.3

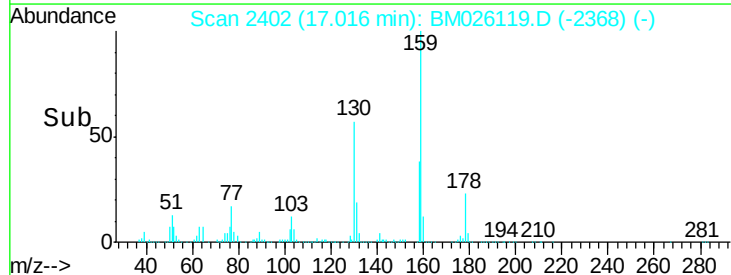
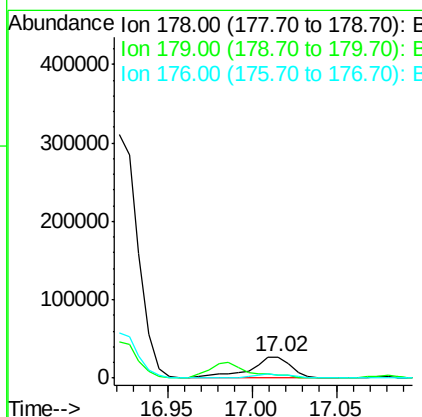
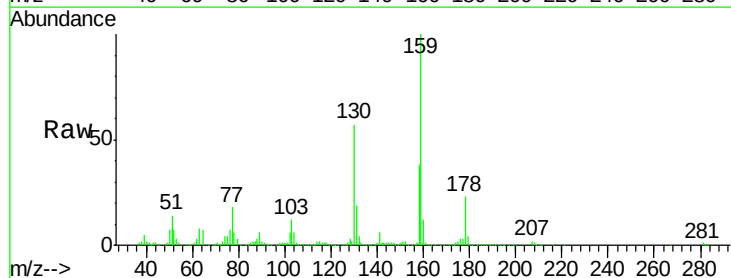
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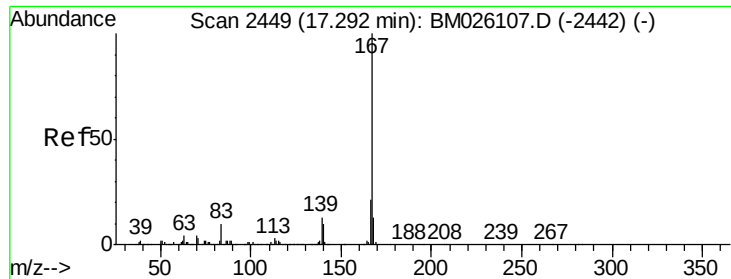
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#72
Anthracene
Concen: 1.04 ng/ul
RT: 17.02 min Scan# 2402
Delta R.T. 0.00 min
Lab File: BM026119.D
Acq: 26 May 2020 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	45967		
179	16.0		12.2	18.4
176	15.2		14.9	22.3





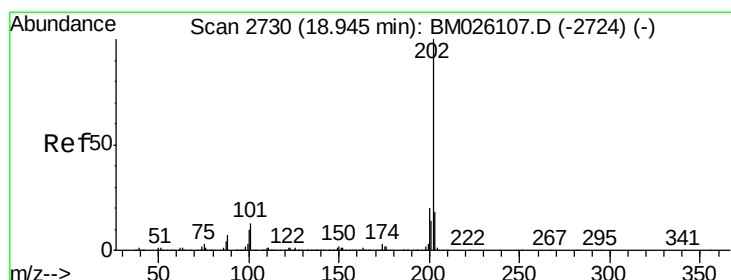
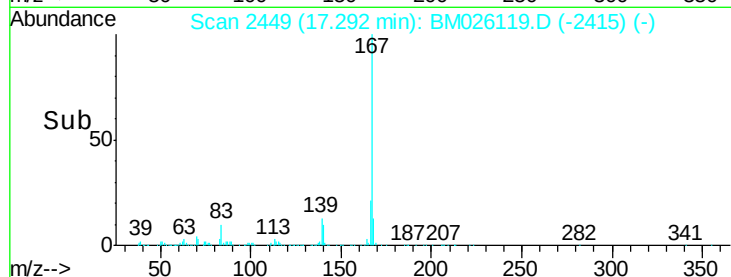
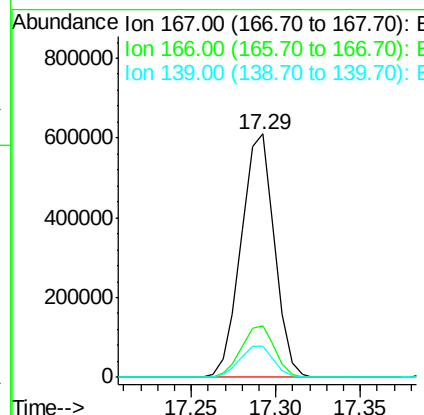
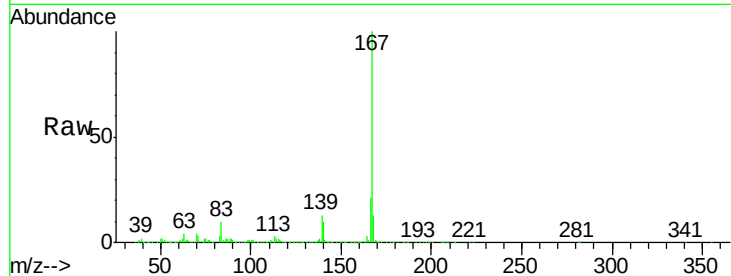
#75
 Carbazole
 Concen: 22.87 ng/ul
 RT: 17.29 min Scan# 2449
 Delta R.T. 0.00 min
 Lab File: BM026119.D
 Acq: 26 May 2020 18:08

Instrument :
 BNA_M
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 F9B14DL

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	840010		
166	21.3		16.6	25.0
139	12.9		10.8	16.2

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#77
 Fluoranthene
 Concen: 1.56 ng/ul
 RT: 18.94 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: BM026119.D
 Acq: 26 May 2020 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	72293		
101	13.1		9.5	14.3
100	9.8		7.6	11.4

