

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
 Data File : BM027263.D
 Acq On : 27 Aug 2020 00:27
 Operator : JU/CG
 Sample : L3776-06
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F4Y05

Quant Time: Aug 27 02:04:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 27 00:36:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	135373	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	541197	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	361813	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	779244	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	596672	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	543936	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	20034	8.38	ng/uL	0.00
5) Phenol-d5	6.79	99	115058	10.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	293800	41.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	296942	35.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	185944	21.10	ng/ul	0.01
19) Nitrobenzene-d5	8.74	128	173053	39.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	204551	40.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	94348	9.25	ng/ul	0.02
29) 4-Chloroaniline-d4	10.50	131	394143	35.86	ng/ul	0.00
44) Dimethylphthalate-d6	13.66	166	1372523	47.81	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	1595015	46.99	ng/ul	0.00
52) 4-Nitrophenol-d4	14.44	143	2071	0.43	ng/ul	0.00
58) Fluorene-d10	15.23	176	1171162	47.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	148424	29.20	ng/ul	0.00
71) Anthracene-d10	17.08	188	1886291	51.00	ng/ul	0.00
79) Pyrene-d10	19.38	212	1924738	55.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	1466781	48.37	ng/ul	0.00

Target Compounds

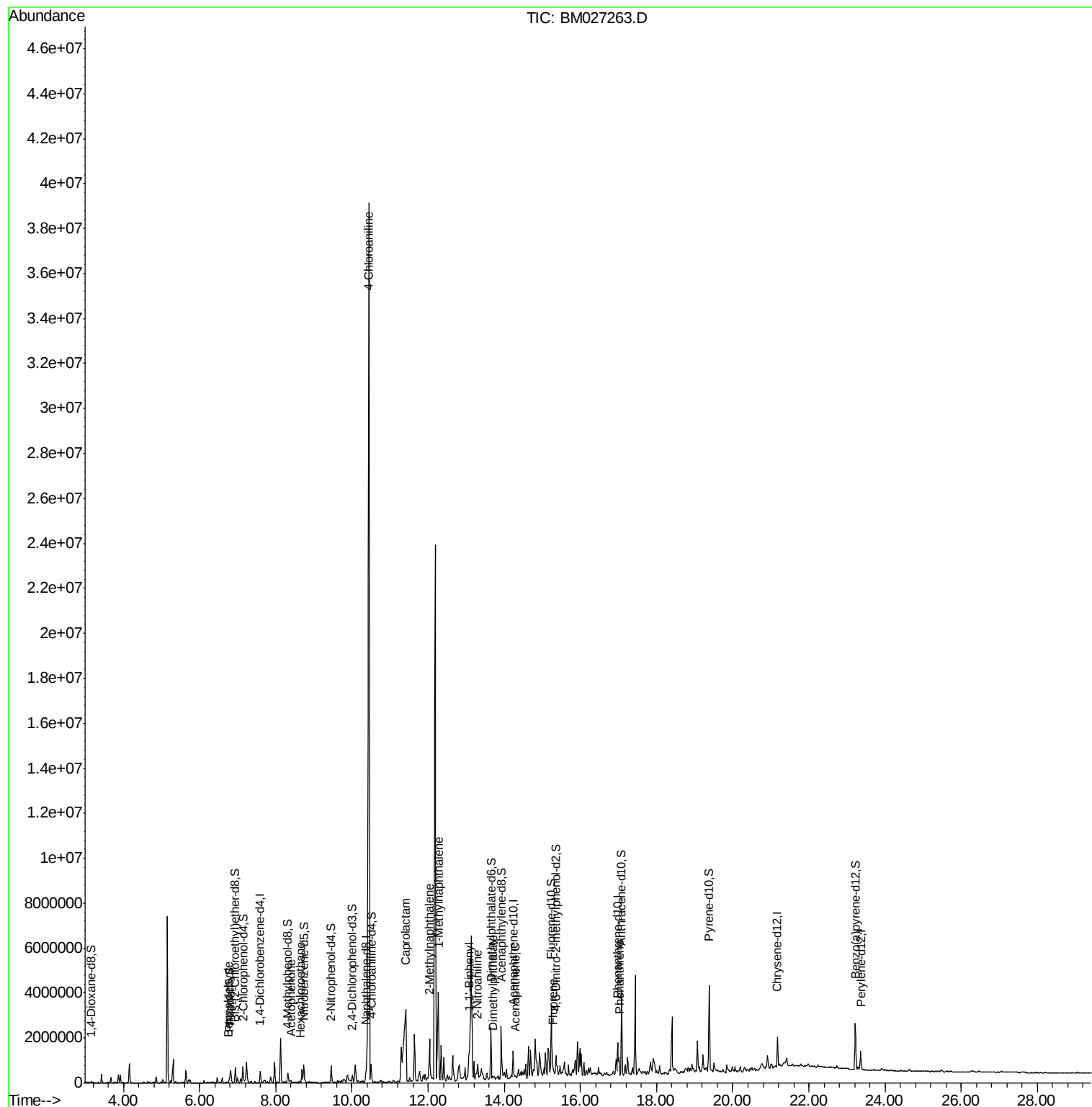
					Ovalue	
4) Benzaldehyde	6.76	77	8139	1.053	ng/ul#	1
6) Phenol	6.82	94	335214	29.207	ng/ul	97
14) Acetophenone	8.40	105	17789	1.260	ng/ul#	82
17) Hexachloroethane	8.65	117	7496	1.842	ng/ul#	1
30) 4-Chloroaniline	10.45	127	4952829	449.765	ng/ul#	6
32) Caprolactam	11.42	113	1786894	601.769	ng/ul	99
34) 2-Methylnaphthalene	12.04	142	741122	33.851	ng/ul	99
35) 1-Methylnaphthalene	12.27	142	1513012	70.804	ng/ul	100
41) 1,1'-Biphenyl	13.07	154	459760	16.192	ng/ul	100
43) 2-Nitroaniline	13.30	65	23100	3.356	ng/ul#	29
45) Dimethylphthalate	13.70	163	83538	2.804	ng/ul	98
50) Acenaphthene	14.30	153	44922	1.890	ng/ul	94
59) Fluorene	15.29	166	102378	3.538	ng/ul	97
70) Phenanthrene	17.02	178	46235	1.040	ng/ul#	89

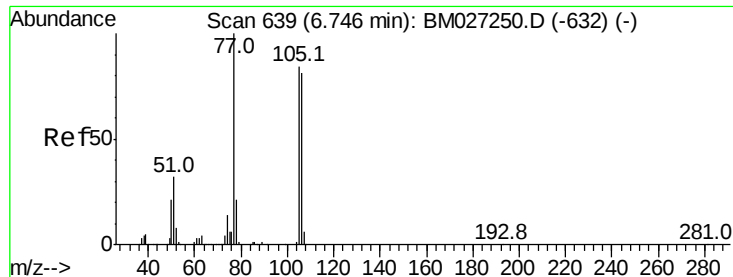
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.053 ng/ul

RT: 6.76 min Scan# 641

Delta R.T. 0.01 min

Lab File: BM027263.D

Acq: 27 Aug 2020 00:27

Instrument :

BNA_M

ClientSampled :

F4Y05

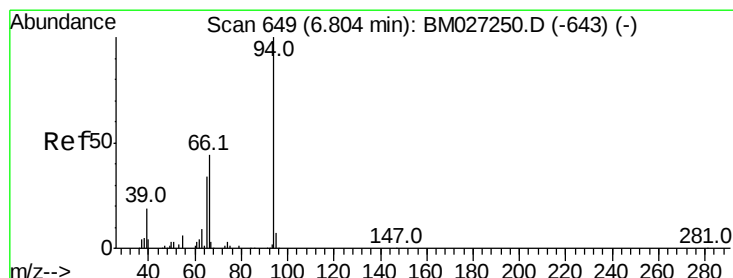
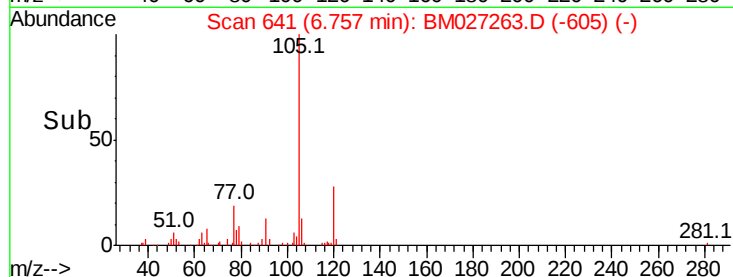
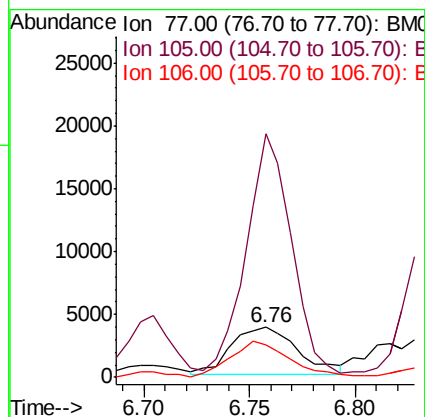
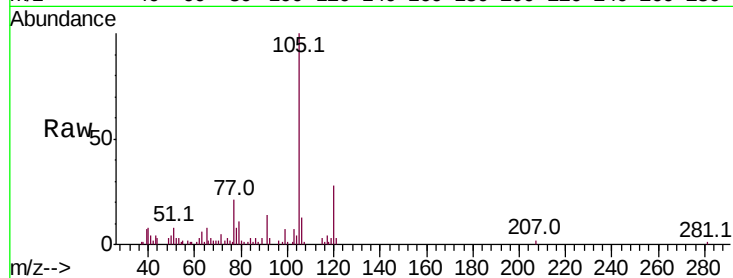
Tot Ion: 77 Resp: 8139

Ion Ratio Lower Upper

77 100

105 484.3 69.6 104.4#

106 64.1 66.1 99.1#



#6

Phenol

Concen: 29.207 ng/ul

RT: 6.82 min Scan# 651

Delta R.T. 0.01 min

Lab File: BM027263.D

Acq: 27 Aug 2020 00:27

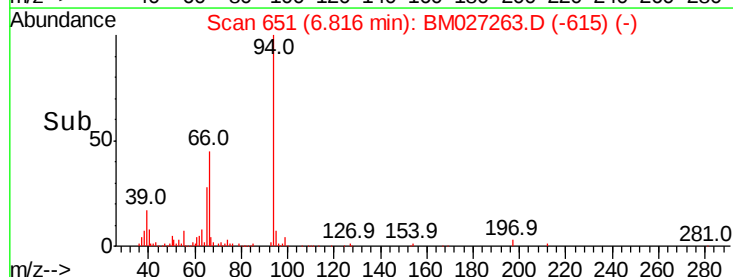
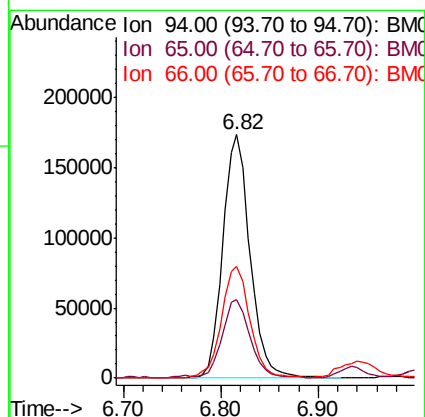
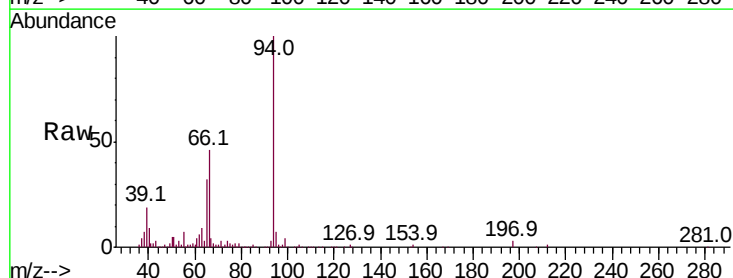
Tgt Ion: 94 Resp: 335214

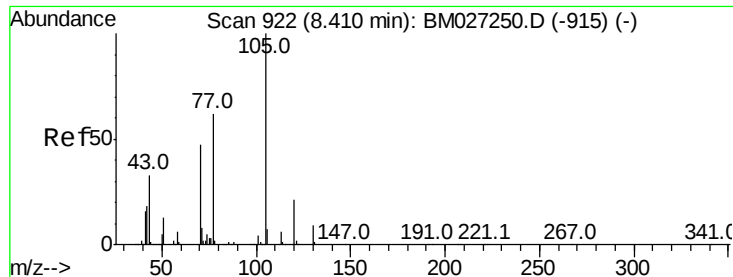
Ion Ratio Lower Upper

94 100

65 32.2 24.8 37.2

66 45.9 34.7 52.1





#14

Acetophenone

Concen: 1.260 ng/ul

RT: 8.40 min Scan# 921

Delta R.T. -0.01 min

Lab File: BM027263.D

Acq: 27 Aug 2020 00:27

Instrument :

BNA_M

ClientSampleId :

F4Y05

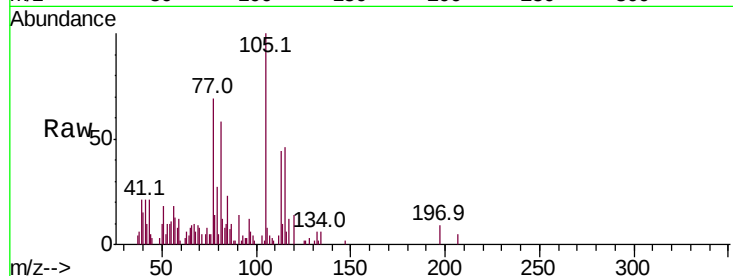
Tot Ion:105 Resp: 17789

Ion Ratio Lower Upper

105 100

77 68.8 70.8 106.2#

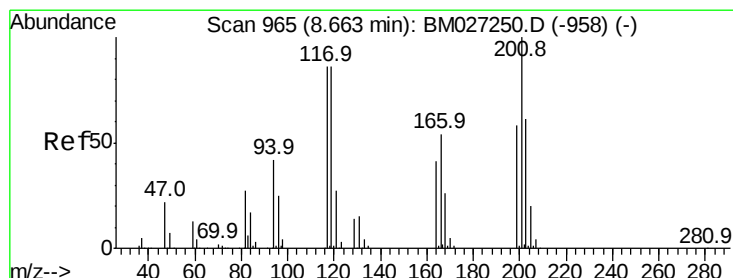
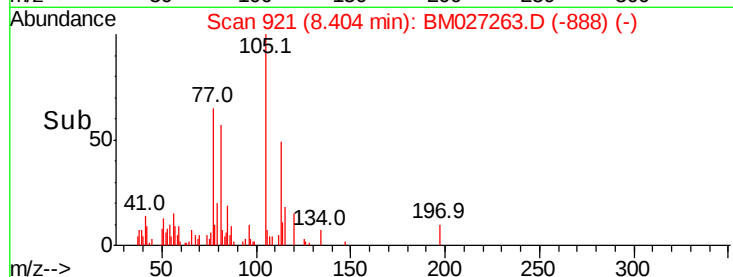
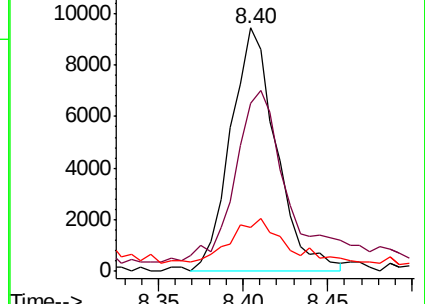
51 17.9 16.7 25.1



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#17

Hexachloroethane

Concen: 1.842 ng/ul

RT: 8.65 min Scan# 962

Delta R.T. -0.02 min

Lab File: BM027263.D

Acq: 27 Aug 2020 00:27

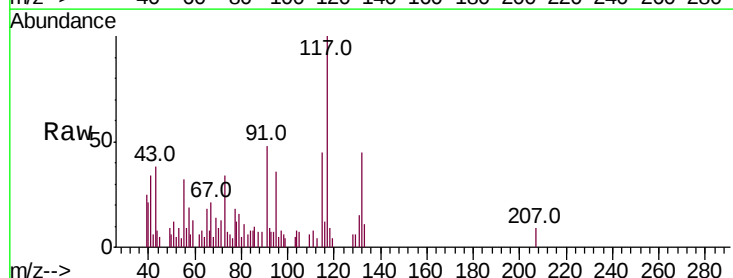
Tgt Ion:117 Resp: 7496

Ion Ratio Lower Upper

117 100

201 0.0 93.8 140.8#

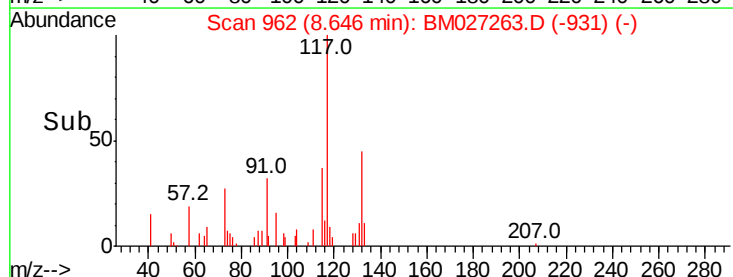
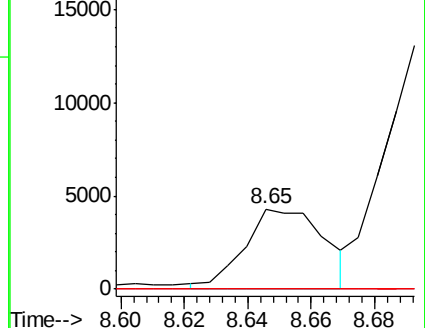
199 0.0 57.5 86.3#

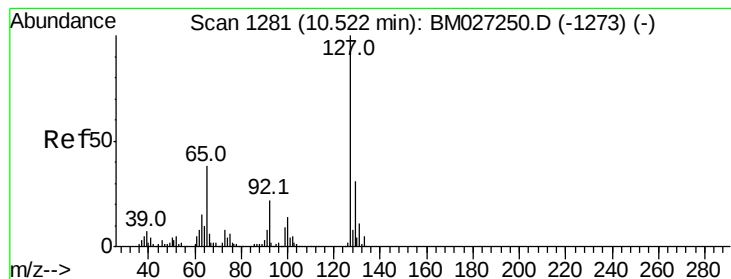


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





#30

4-Chloroaniline

Concen: 449.765 ng/ul

RT: 10.45 min Scan# 1269

Delta R.T. -0.07 min

Lab File: BM027263.D

Acq: 27 Aug 2020 00:27

Instrument :

BNA_M

ClientSampleId :

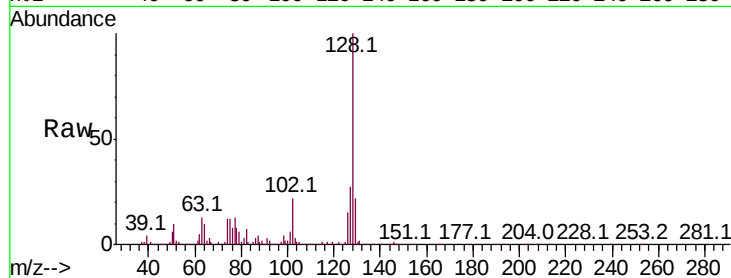
F4Y05

Tot Ion:127 Resp: 4952829

Ion Ratio Lower Upper

127 100

129 81.9 24.5 36.7#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

2500000

2000000

1500000

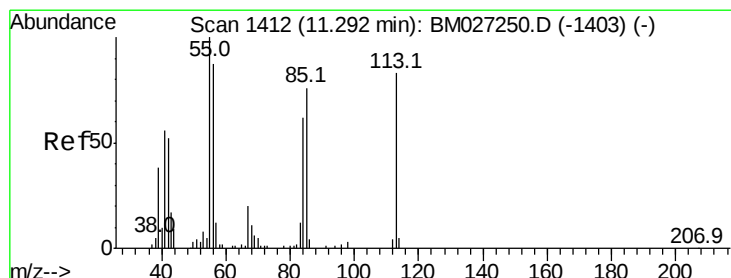
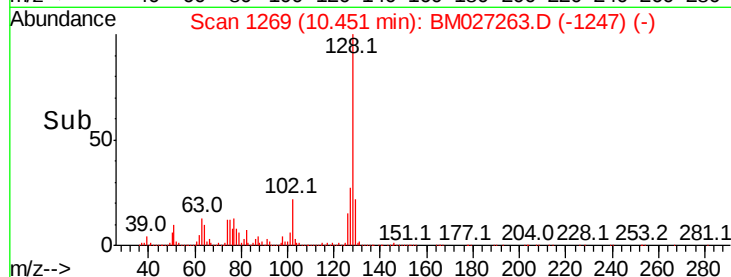
1000000

500000

0

Time--> 10.30 10.40 10.50

10.45



#32

Caprolactam

Concen: 601.769 ng/ul

RT: 11.42 min Scan# 1434

Delta R.T. 0.13 min

Lab File: BM027263.D

Acq: 27 Aug 2020 00:27

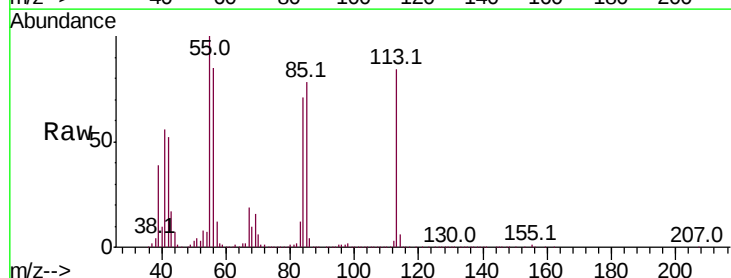
Tgt Ion:113 Resp: 1786894

Ion Ratio Lower Upper

113 100

55 118.9 94.0 141.0

56 101.3 82.4 123.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM

500000

400000

300000

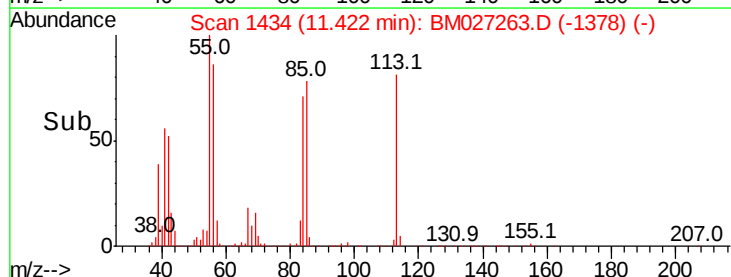
200000

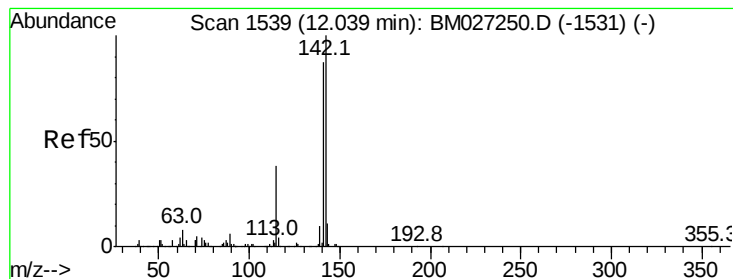
100000

0

Time--> 11.20 11.30 11.40 11.50

11.42





#34

2-Methylnaphthalene

Concen: 33.851 ng/ul

RT: 12.04 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BM027263.D

Acq: 27 Aug 2020 00:27

Instrument :

BNA_M

ClientSampled :

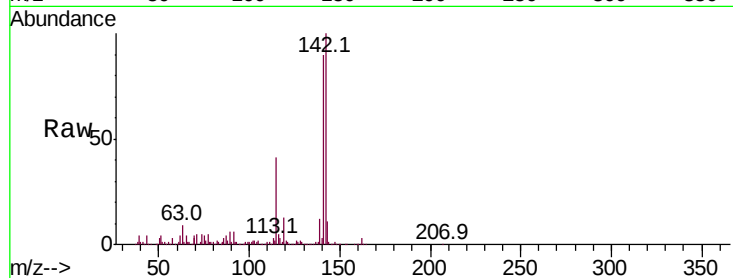
F4Y05

Tot Ion:142 Resp: 741122

Ion Ratio Lower Upper

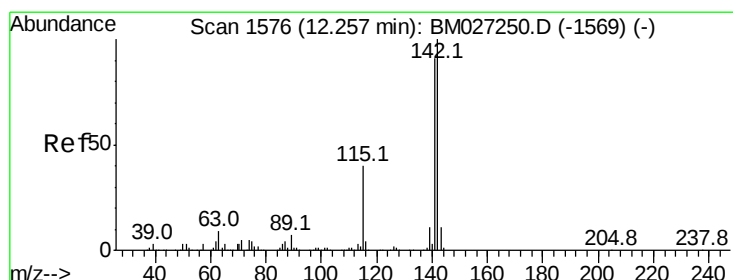
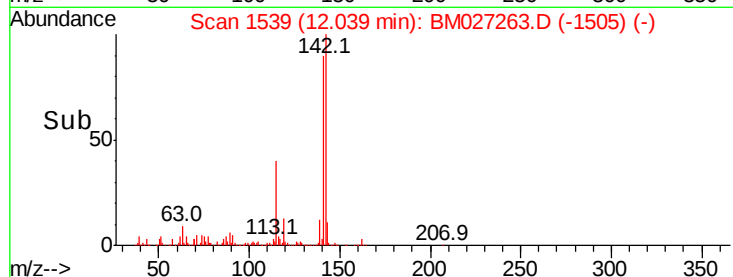
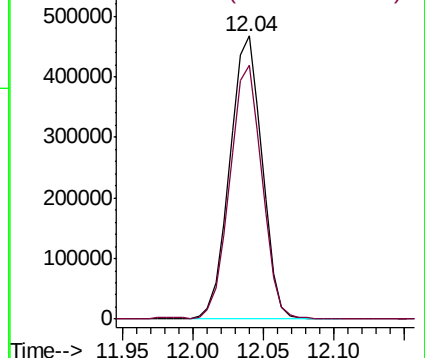
142 100

141 89.7 71.1 106.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#35

1-Methylnaphthalene

Concen: 70.804 ng/ul

RT: 12.27 min Scan# 1578

Delta R.T. 0.01 min

Lab File: BM027263.D

Acq: 27 Aug 2020 00:27

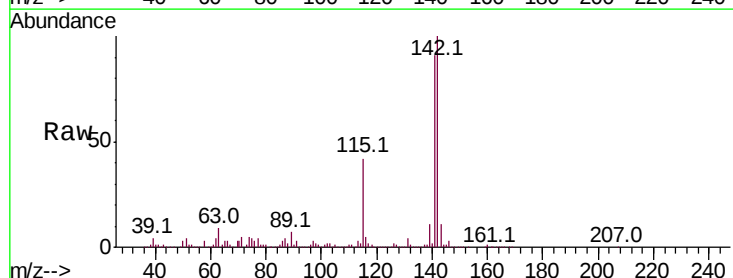
Tgt Ion:142 Resp: 1513012

Ion Ratio Lower Upper

142 100

141 91.0 72.5 108.7

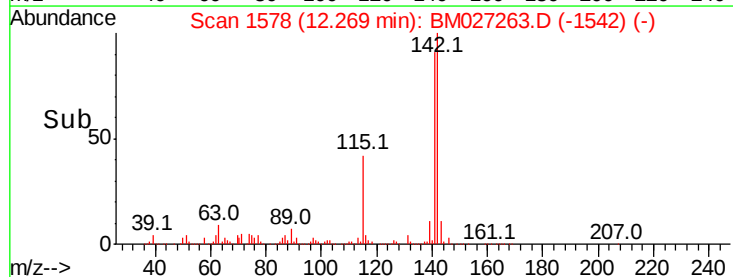
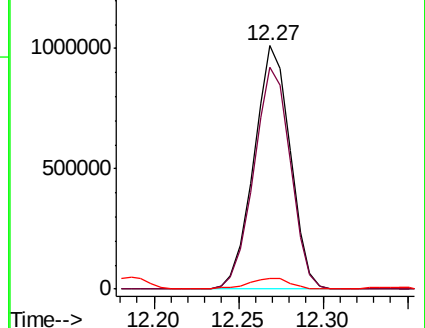
116 4.5 3.2 4.8

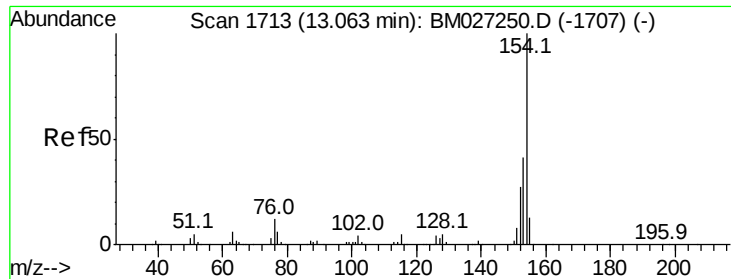


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

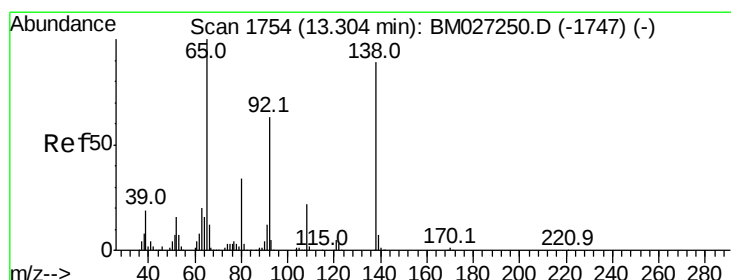
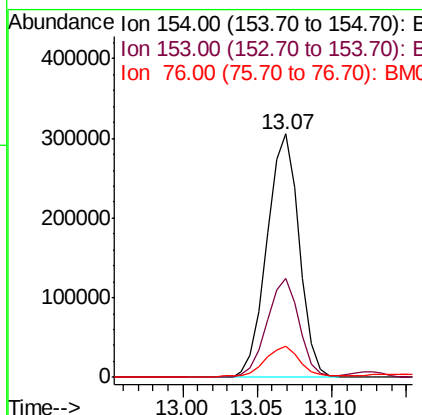
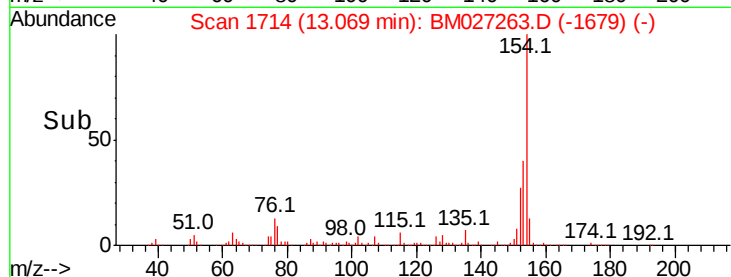
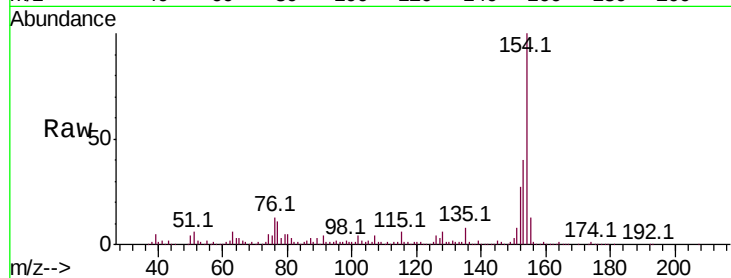




#41
 1,1'-Biphenyl
 Concen: 16.192 ng/ul
 RT: 13.07 min Scan# 1714
 Delta R.T. 0.01 min
 Lab File: BM027263.D
 Acq: 27 Aug 2020 00:27

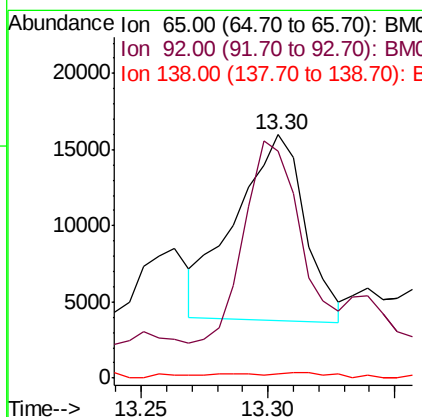
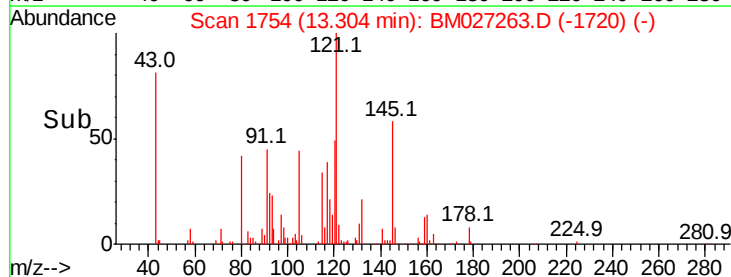
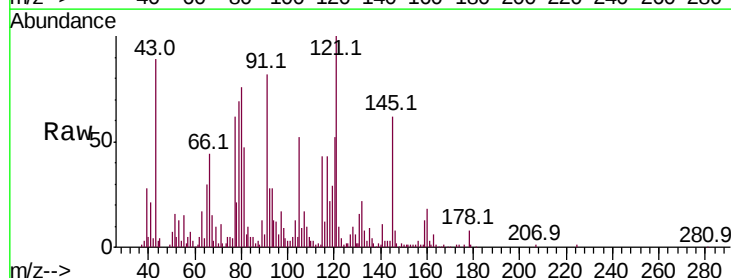
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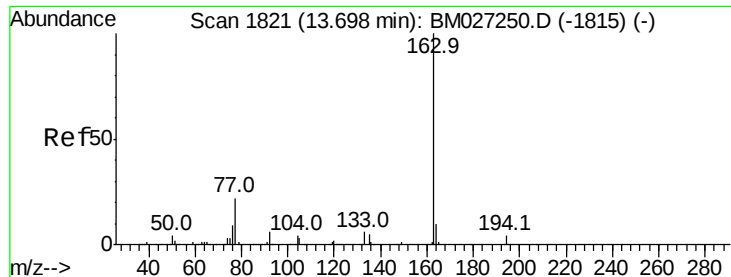
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	32.2	48.2
76	12.6	10.2	15.4



#43
 2-Nitroaniline
 Concen: 3.356 ng/ul
 RT: 13.30 min Scan# 1754
 Delta R.T. 0.00 min
 Lab File: BM027263.D
 Acq: 27 Aug 2020 00:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	93.3	51.4	77.0#
138	1.6	72.8	109.2#

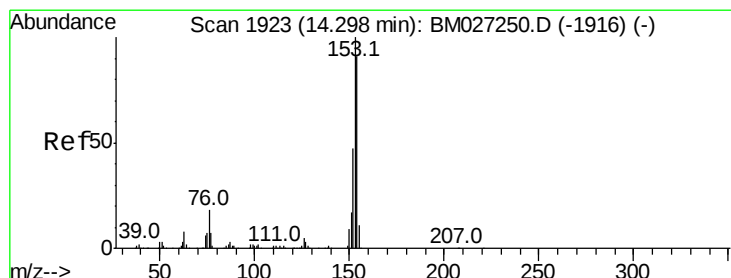
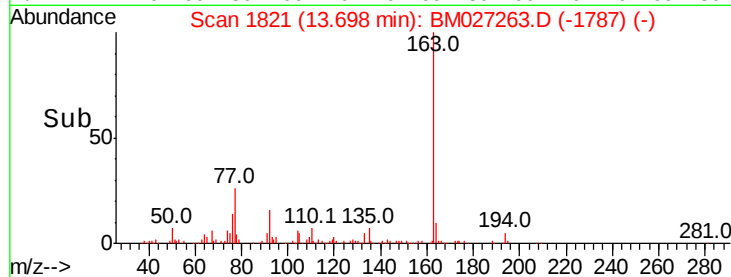
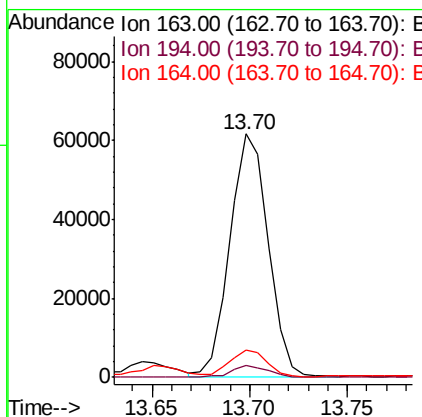
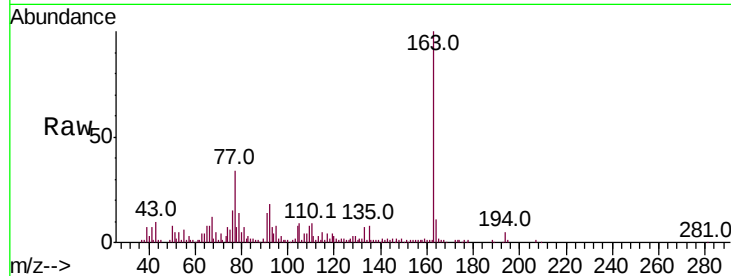




#45
Dimethylphthalate
Concen: 2.804 ng/ul
RT: 13.70 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BM027263.D
Acq: 27 Aug 2020 00:27

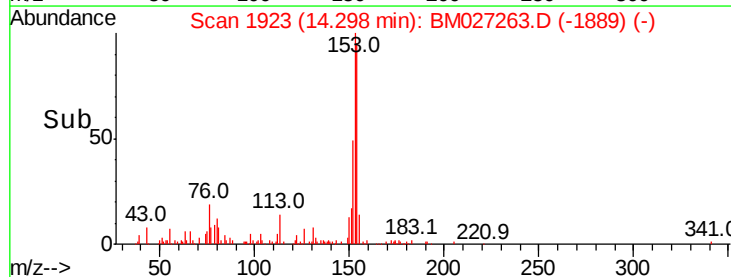
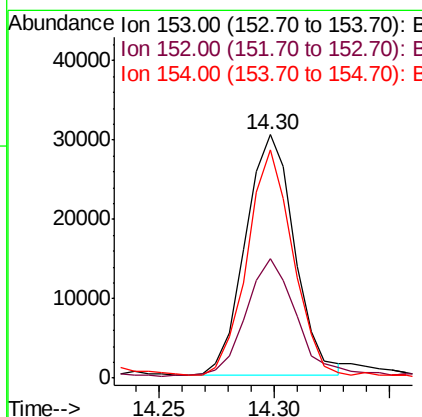
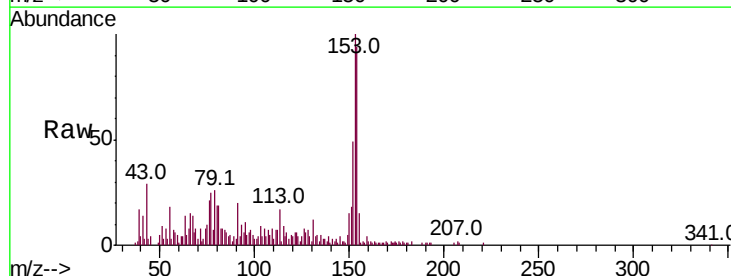
Instrument :
BNA_M
ClientSampleId :
F4Y05

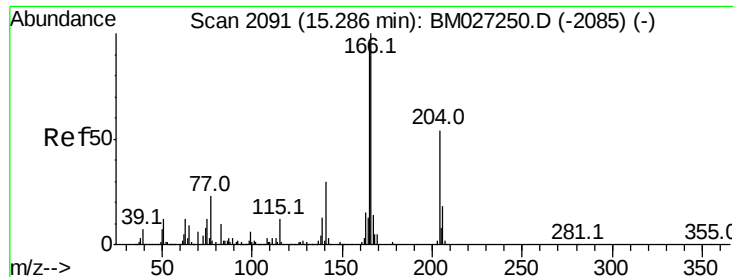
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.5	5.3
164	11.2	8.2	12.2



#50
Acenaphthene
Concen: 1.890 ng/ul
RT: 14.30 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BM027263.D
Acq: 27 Aug 2020 00:27

Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.1	37.4	56.2
154	94.0	70.2	105.4

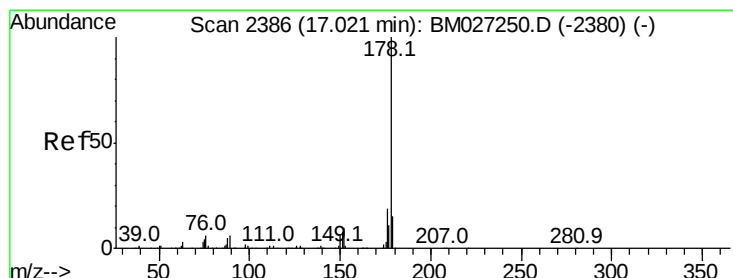
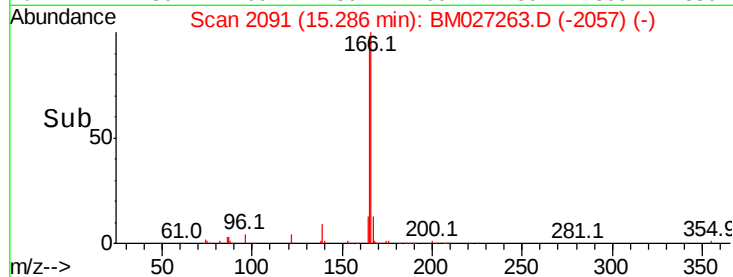
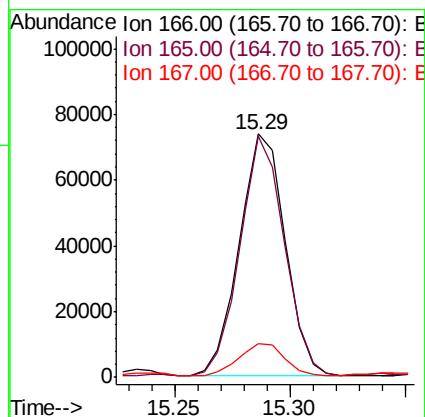
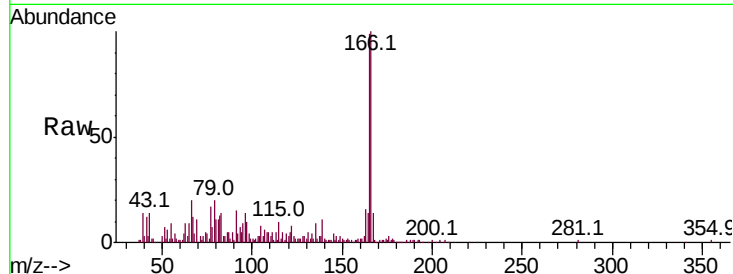




#59
 Fluorene
 Concen: 3.538 ng/ul
 RT: 15.29 min Scan# 2091
 Delta R.T. 0.00 min
 Lab File: BM027263.D
 Acq: 27 Aug 2020 00:27

Instrument :
 BNA_M
 ClientSampleId :
 F4Y05

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.2	76.9	115.3
167	13.7	10.7	16.1



#70
 Phenanthrene
 Concen: 1.040 ng/ul
 RT: 17.02 min Scan# 2386
 Delta R.T. 0.00 min
 Lab File: BM027263.D
 Acq: 27 Aug 2020 00:27

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.4	12.0	18.0#
176	23.8	14.6	22.0#

