

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

Manual Integrations
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mohammad
 8/27/2020 3:13:59 PM

Quant Time: Aug 27 02:14:06 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	14.47	143	45843m	9.47	ng/ul	0.02
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						
6) Phenol	6.82	94	335214	29.207	ng/ul	97
14) Acetophenone	8.40	105	17789	1.260	ng/ul#	82
28) Naphthalene	10.43	128	25518772m	885.367	ng/ul	
32) Caprolactam	11.42	113	1786894	601.769	ng/ul	99
34) 2-Methylnaphthalene	12.04	142	741122	33.851	ng/ul	99
41) 1,1'-Biphenyl	13.07	154	459760	16.192	ng/ul	100
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

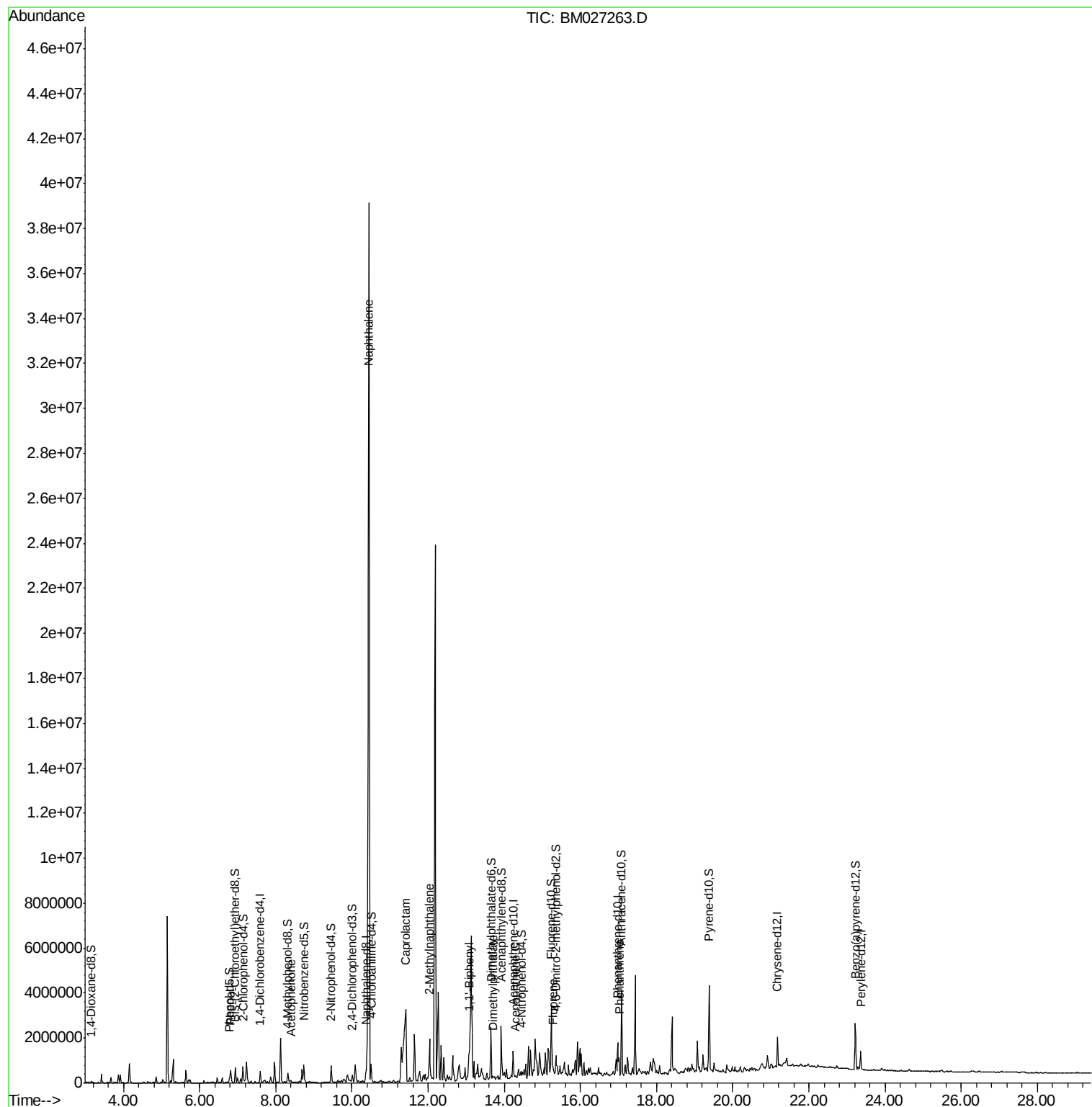
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
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ALS Vial : 57 Sample Multiplier: 1

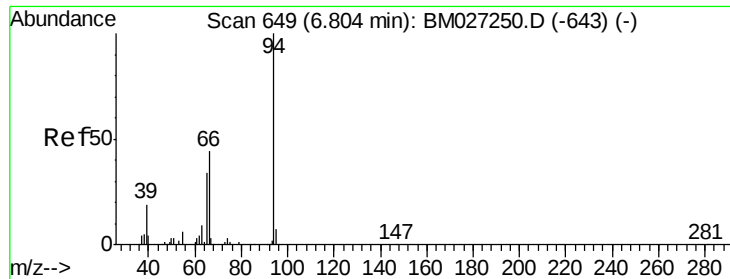
Instrument :
BNA_M
ClientSampleId :
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Quant Title : SVOA CALIBRATION
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#6

Phenol

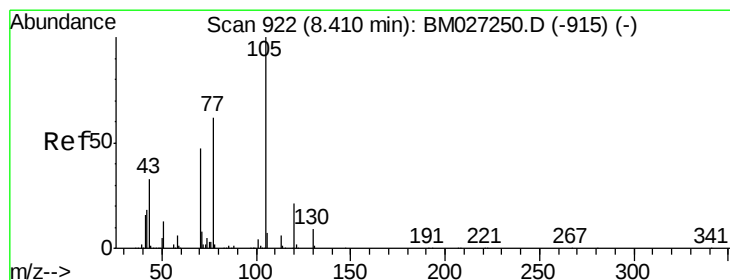
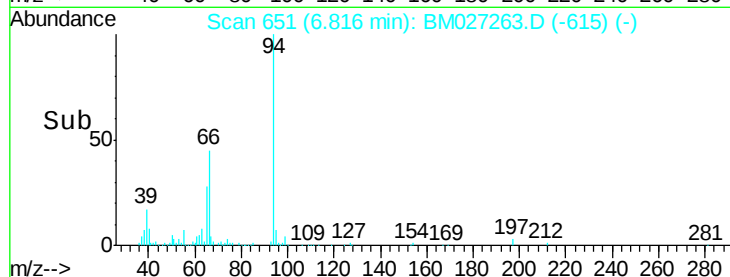
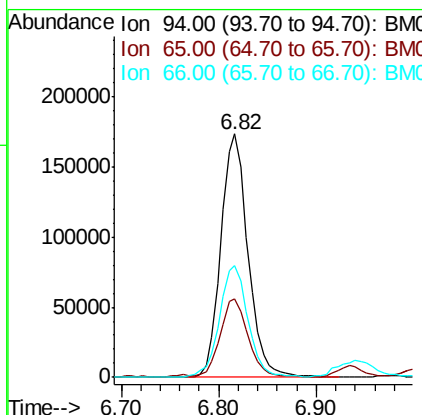
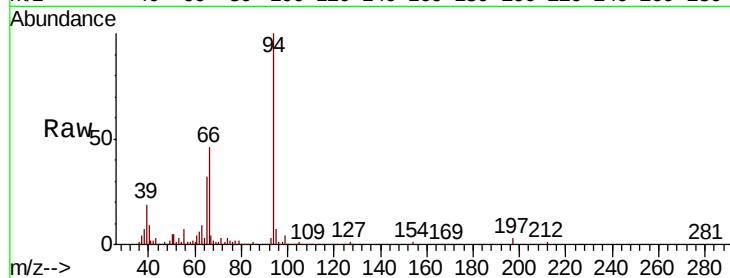
Concen: 29.207 ng/ul
 RT: 6.82 min Scan# 651
 Delta R.T. 0.01 min
 Lab File: BM027263.D
 Acq: 27 Aug 2020 00:27

Instrument :
 BNA_M
 ClientSampleId :
 F4Y05

Tot Ion	Ratio	Lower	Upper
94	100		
65	32.2	24.8	37.2
66	45.9	34.7	52.1

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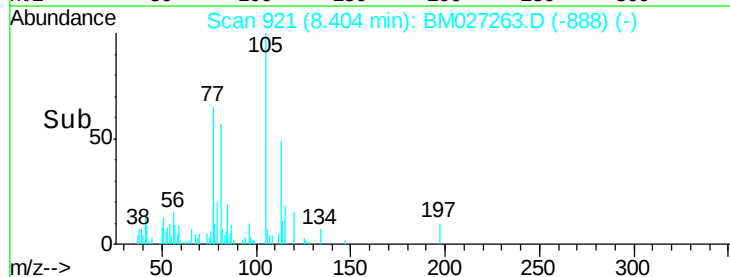
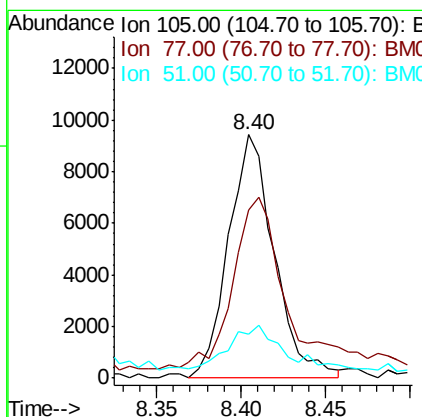
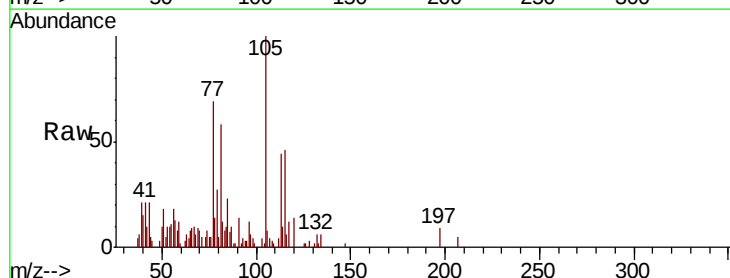


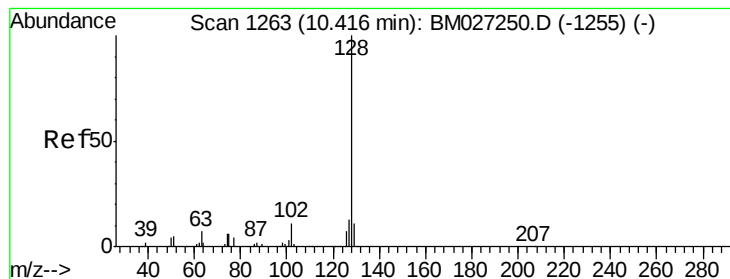
#14

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

Tgt Ion	Ratio	Lower	Upper
105	100		
77	68.8	70.8	106.2#
51	17.9	16.7	25.1





#28

Naphthalene

Concen: 885.367 ng/ul m

RT: 10.43 min Scan# 1265

Delta R.T. 0.01 min

Lab File: BM027263.D

Acq: 27 Aug 2020 00:27

Instrument :

BNA_M

ClientSampled :

F4Y05

Tot Ion:128 Resp:25518772

Ion Ratio Lower Upper

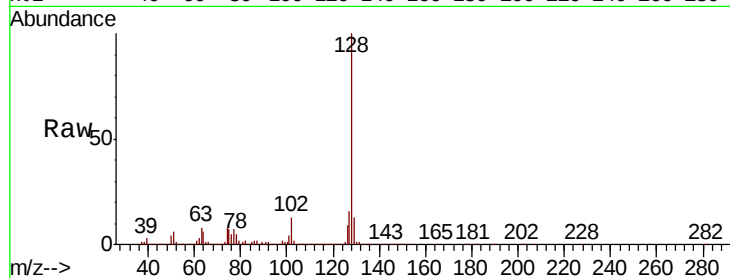
128 100

129 13.5 8.9 13.3#

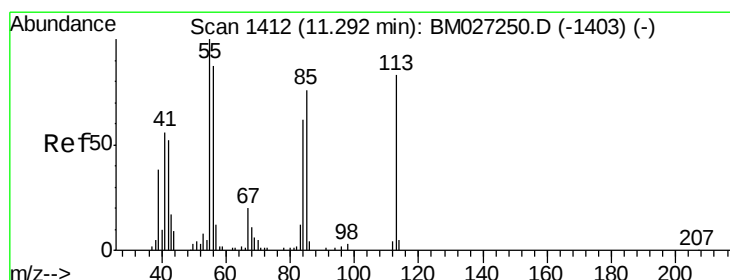
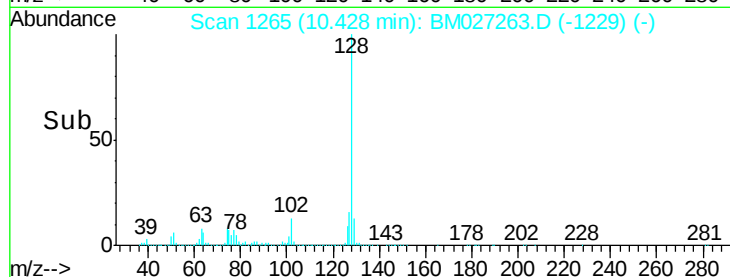
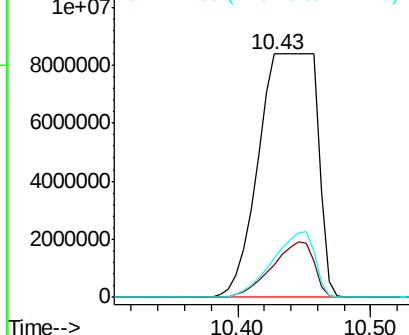
127 15.7 10.4 15.6#

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#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

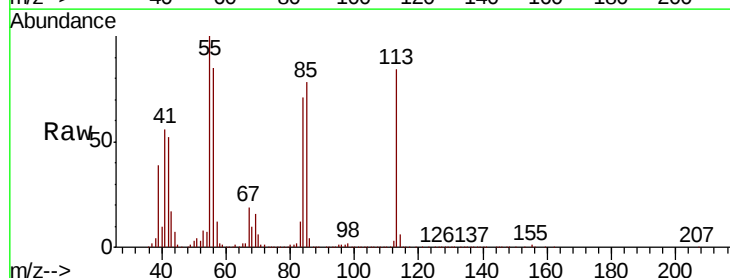
Tgt Ion:113 Resp: 1786894

Ion Ratio Lower Upper

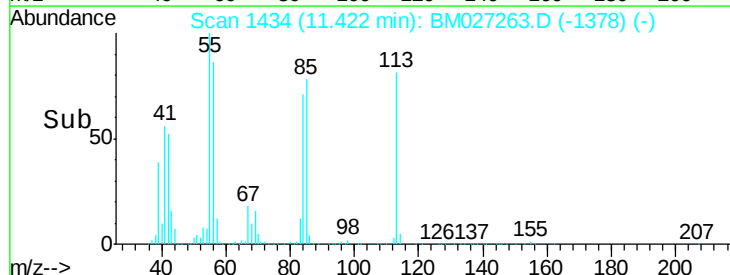
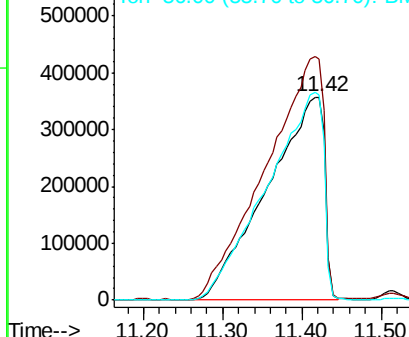
113 100

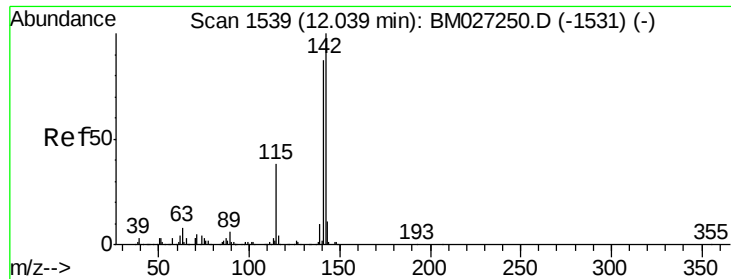
55 118.9 94.0 141.0

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): BM0
Ion 56.00 (55.70 to 56.70): BM0





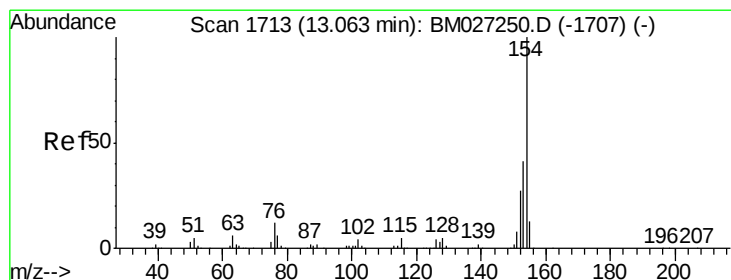
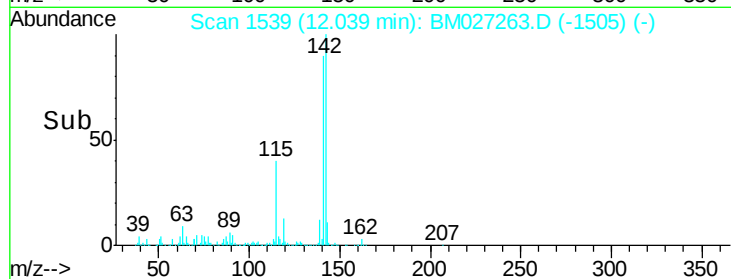
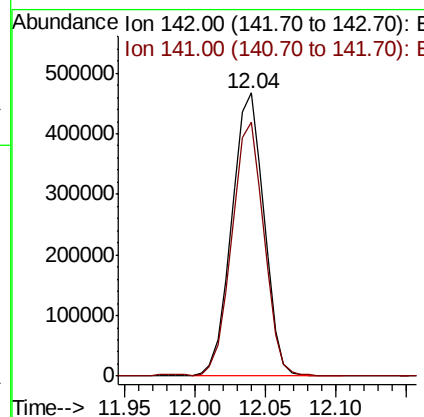
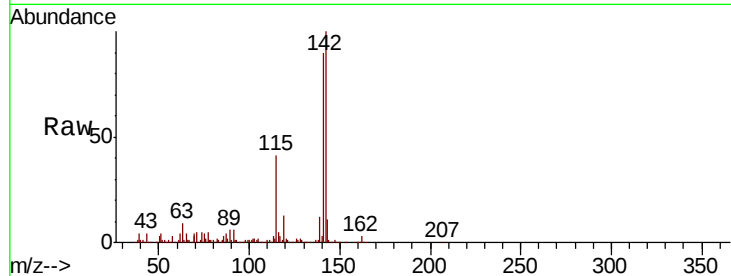
#34
 2-Methylnaphthalene
 Concen: 33.851 ng/ul
 RT: 12.04 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BM027263.D
 Acq: 27 Aug 2020 00:27

Instrument :
 BNA_M
 ClientSampled :
 F4Y05

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.1	106.7

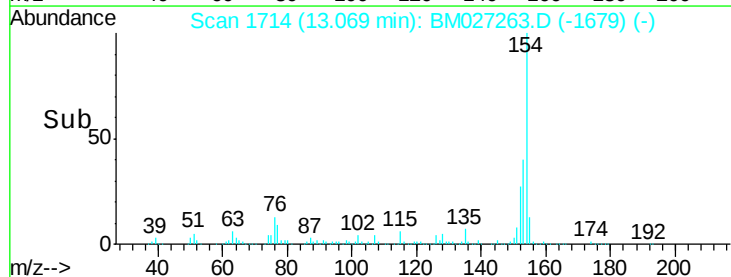
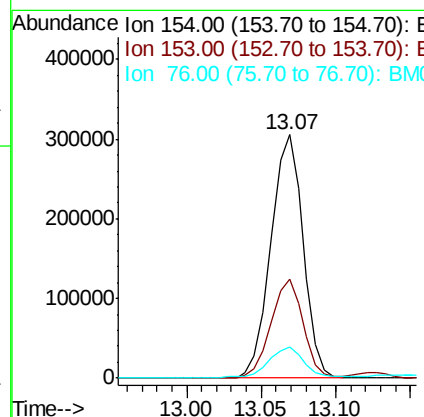
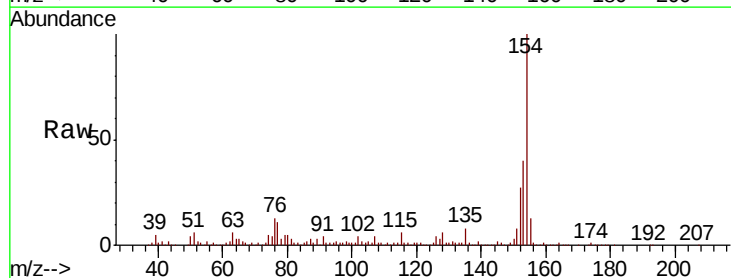
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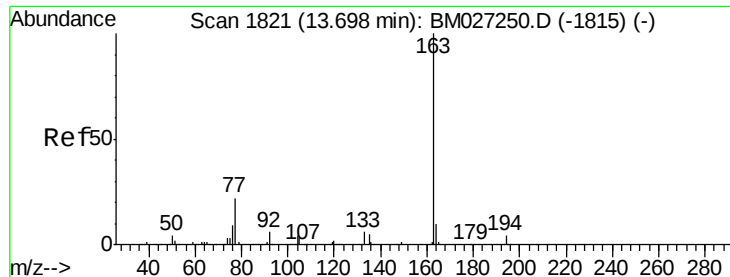
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#41
 1,1'-Biphenyl
 Concen: 16.192 ng/ul
 RT: 13.07 min Scan# 1714
 Delta R.T. 0.01 min
 Lab File: BM027263.D
 Acq: 27 Aug 2020 00:27

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





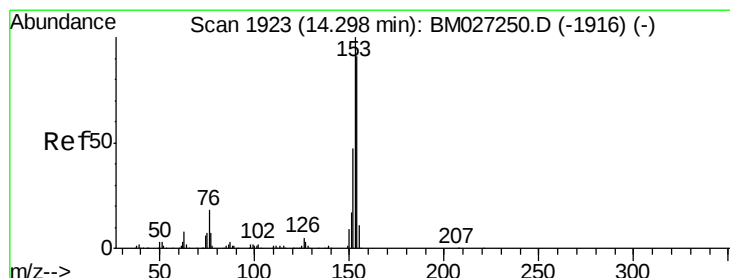
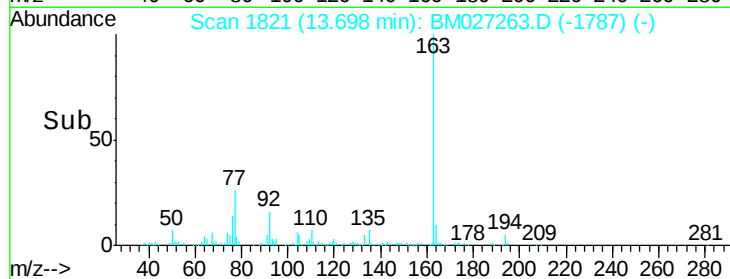
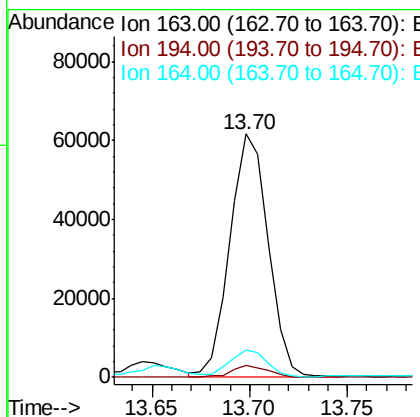
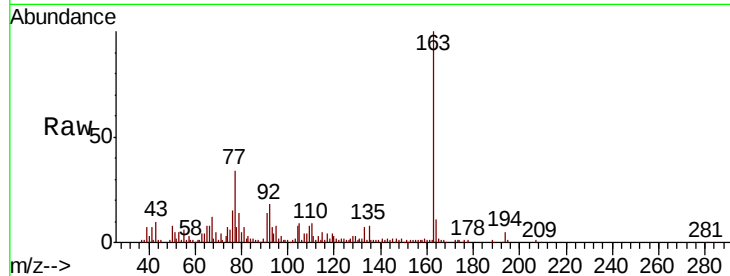
#45
Dimethylphthalate
Concen: 2.804 ng/ul
RT: 13.70 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BM027263.D
Acq: 27 Aug 2020 00:27

Instrument :
BNA_M
ClientSampleId :
F4Y05

Tot Ion:	163	Resp:	83538
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.5	5.3
164	11.2	8.2	12.2

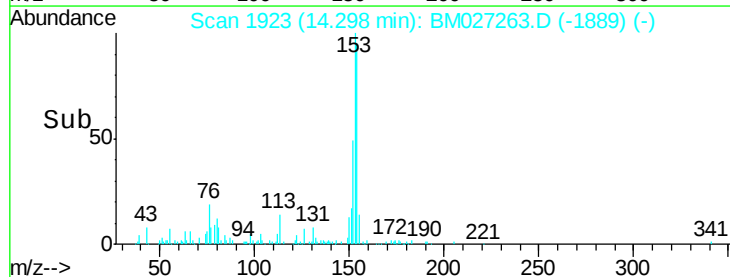
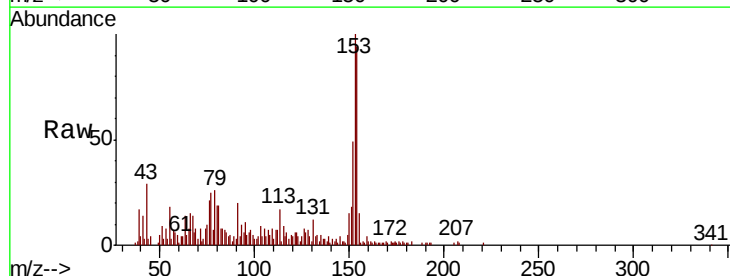
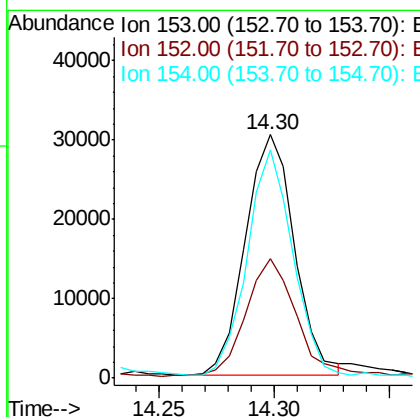
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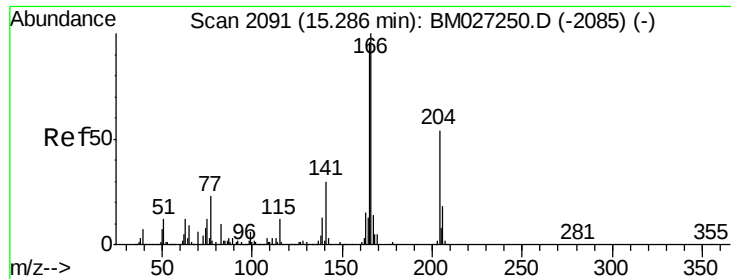
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#50
Acenaphthene
Concen: 1.890 ng/ul
RT: 14.30 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BM027263.D
Acq: 27 Aug 2020 00:27

Tgt Ion:	153	Resp:	44922
Ion Ratio	Lower	Upper	
153	100		
152	49.1	37.4	56.2
154	94.0	70.2	105.4





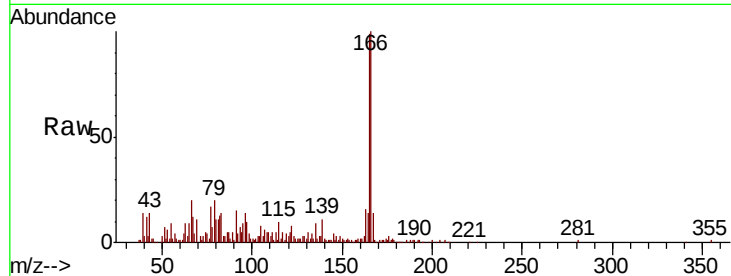
#59
Fluorene
 Concen: 3.538 ng/ul
 RT: 15.29 min Scan# 2091
 Delta R.T. 0.00 min
 Lab File: BM027263.D
 Acq: 27 Aug 2020 00:27

Instrument :
 BNA_M
 ClientSampleId :
 F4Y05

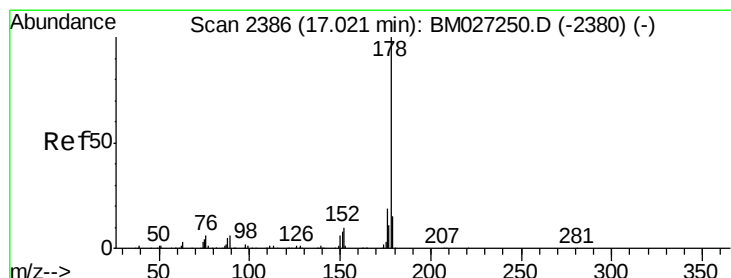
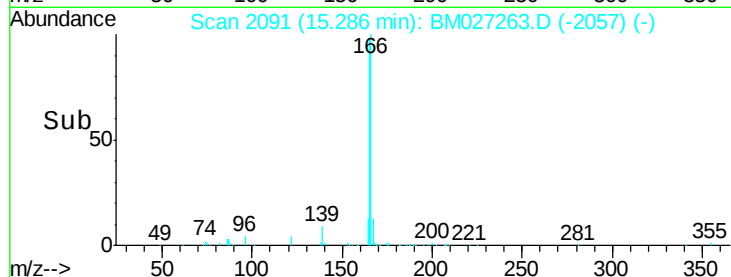
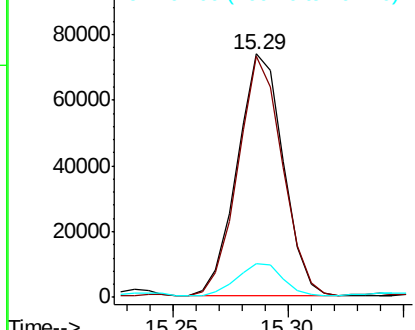
Tot Ion:	166	Resp:	102378
Ion Ratio	Lower	Upper	
166	100		
165	99.2	76.9	115.3
167	13.7	10.7	16.1

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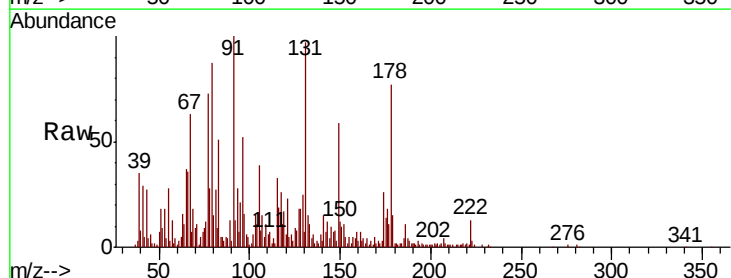


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E



#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:	178	Resp:	46235
Ion Ratio	Lower	Upper	
178	100		
179	19.4	12.0	18.0#
176	23.8	14.6	22.0#



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

