

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
 Data File : BM026133.D
 Acq On : 27 May 2020 03:23
 Operator : MA/SJ
 Sample : L2756-07 2X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETKW9

Manual Integrations
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Quant Time: May 27 12:49:31 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	163992	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	678508	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.13	164	412192	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	855052	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	891406	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	945355	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	443533	81.58	ng/uL	-0.04
5) Phenol-d5	6.69	99	50602	3.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	158706	15.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	144701	12.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	92739	8.27	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	104328	18.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	103493	18.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	169595	15.44	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.55	166	568865	17.21	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	677472	17.30	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	20872	3.57	ng/ul	0.00
58) Fluorene-d10	15.13	176	494173	17.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	74855	15.01	ng/ul	0.00
71) Anthracene-d10	16.98	188	767468	18.21	ng/ul	0.00
79) Pyrene-d10	19.28	212	840872	18.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	822951	16.35	ng/ul	0.00

Target Compounds

					Qvalue
6) Phenol	6.72	94	49516	2.97 ng/ul#	51
11) 2-Methylphenol	7.95	108	131292m	11.43 ng/ul	
14) Acetophenone	8.30	105	246790	13.12 ng/ul	96
16) 4-Methylphenol	8.26	108	118353	9.47 ng/ul	92
21) Isophorone	9.21	82	510952	18.08 ng/ul	97
24) 2,4-Dimethylphenol	9.50	107	58701m	3.86 ng/ul	
28) Naphthalene	10.31	128	41808146m	1007.78 ng/ul	
34) 2-Methylnaphthalene	11.93	142	5133948	183.99 ng/ul	99
41) 1,1'-Biphenyl	12.96	154	1282323	35.06 ng/ul	99
45) Dimethylphthalate	13.60	163	111368	3.21 ng/ul#	98
48) Acenaphthylene	13.85	152	3695465	85.95 ng/ul	99
50) Acenaphthene	14.19	153	348322	11.49 ng/ul	97
54) Dibenzofuran	14.53	168	95006	2.23 ng/ul	95
59) Fluorene	15.19	166	1814398	52.64 ng/ul	100
70) Phenanthrene	16.93	178	10235138	190.03 ng/ul	98
72) Anthracene	17.02	178	2816193	52.12 ng/ul	99
75) Carbazole	17.29	167	193203	4.32 ng/ul	96
77) Fluoranthene	18.95	202	5222754	92.44 ng/ul	99
80) Pyrene	19.32	202	7711506	123.23 ng/ul	99
83) Benzo(a)anthracene	21.07	228	2264311m	36.85 ng/ul	
85) Chrysene	21.12	228	1879914	30.78 ng/ul	98
88) Benzo(b)fluoranthene	22.58	252	1817294	28.42 ng/ul	99
89) Benzo(k)fluoranthene	22.61	252	510113m	7.99 ng/ul	

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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)
91) Benzo(a)pyrene	23.11	252	2319640	41.22	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.27	276	1045758	14.32	ng/ul#	94
93) Dibenzo(a,h)anthracene	25.28	278	211534m	3.42	ng/ul	
94) Benzo(g,h,i)perylene	25.91	276	1310548	21.50	ng/ul	98

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

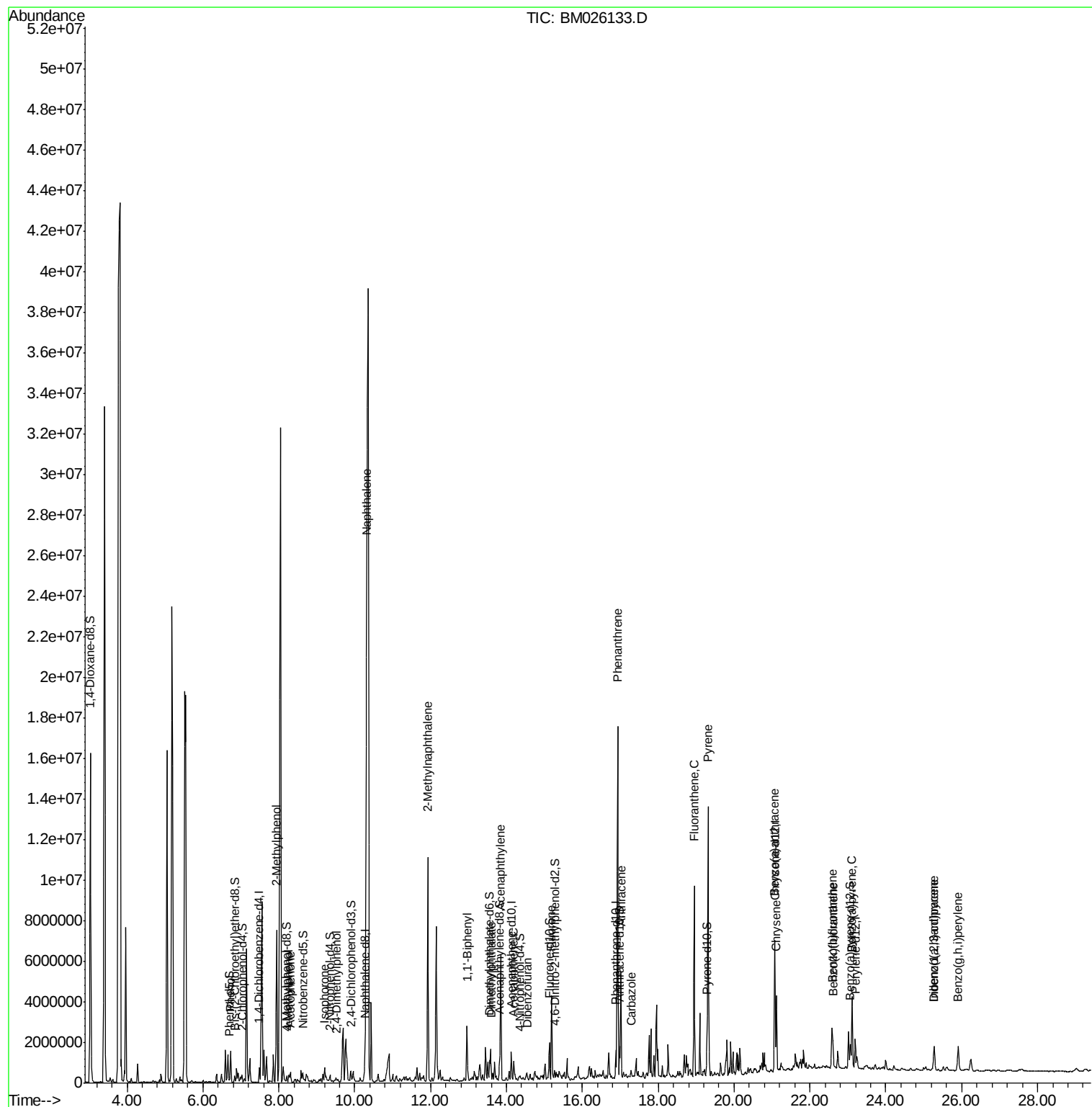
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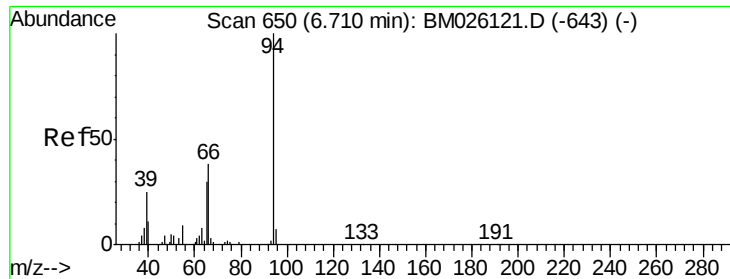
Instrument :
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#6

Phenol

Concen: 2.97 ng/ul

RT: 6.72 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM026133.D

Acq: 27 May 2020 03:23

Instrument :

BNA_M

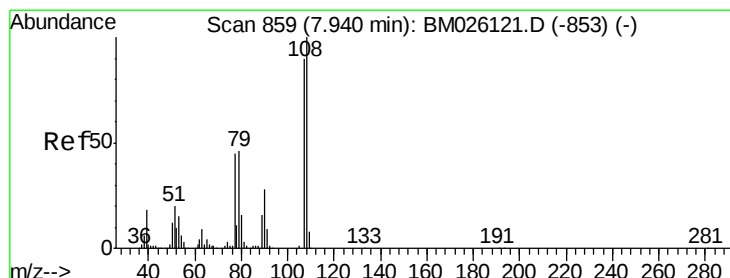
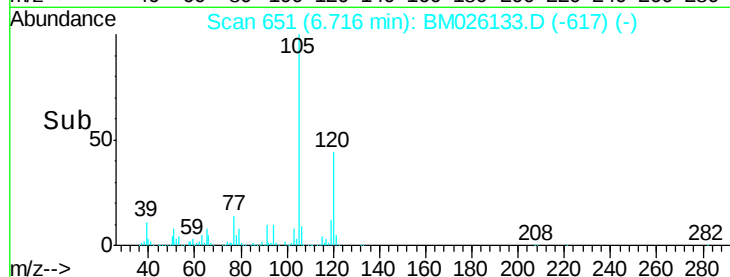
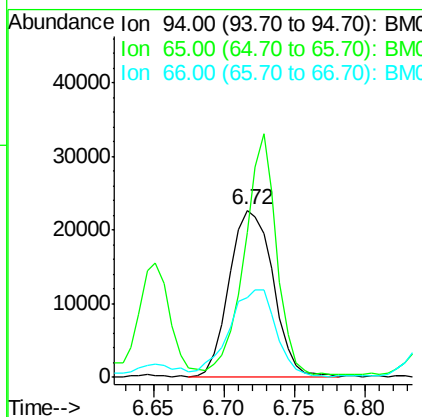
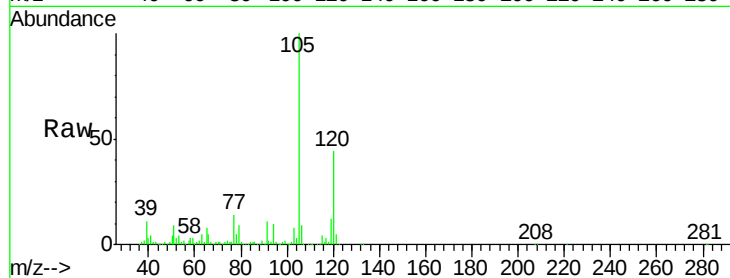
ClientSampled :

ETKW9

Tgt Ion:	94	Resp:	49516
Ion Ratio	Lower	Upper	
94	100		
65	87.3	25.8	38.8#
66	48.0	33.3	49.9

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#11

2-Methylphenol

Concen: 11.43 ng/ul m

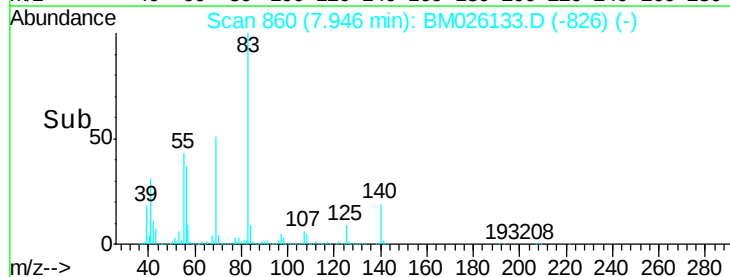
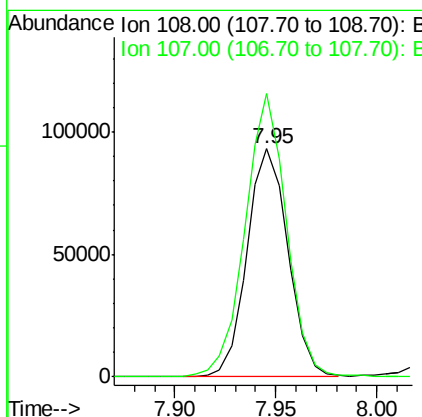
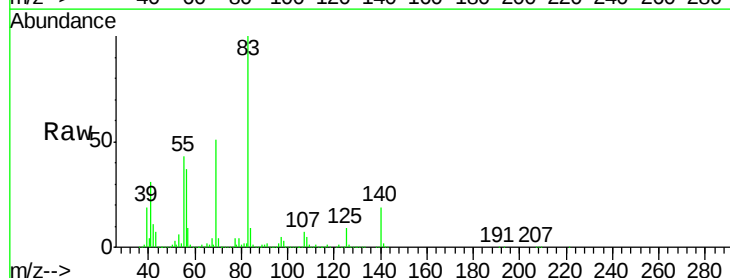
RT: 7.95 min Scan# 860

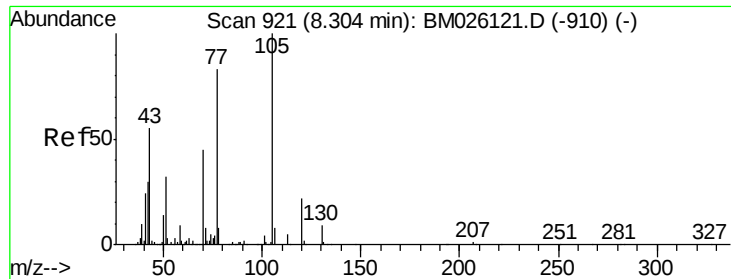
Delta R.T. 0.00 min

Lab File: BM026133.D

Acq: 27 May 2020 03:23

Tgt Ion:	108	Resp:	131292
Ion Ratio	Lower	Upper	
108	100		
107	124.1	72.3	108.5#





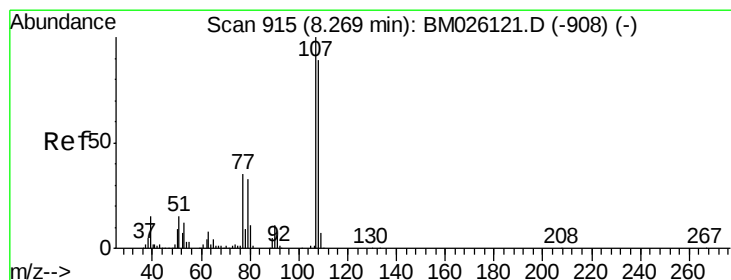
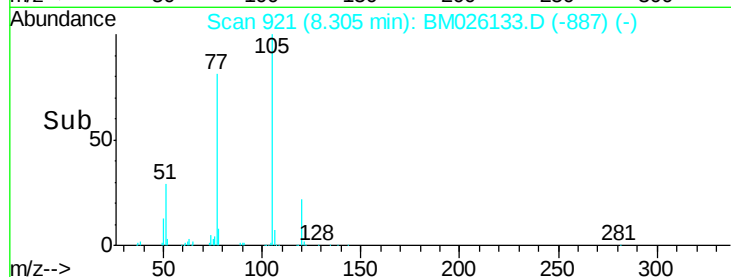
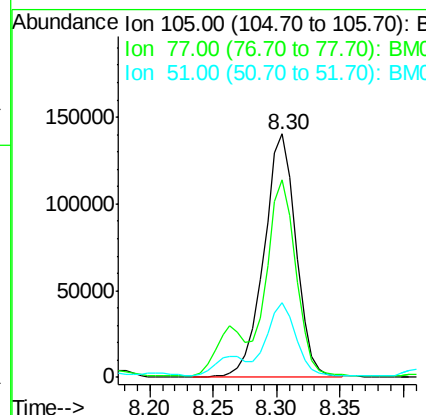
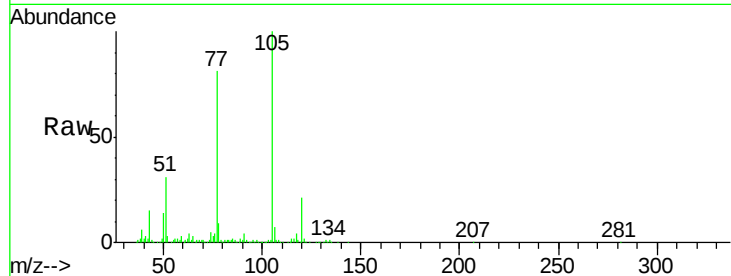
#14
Acetophenone
Concen: 13.12 ng/ul
RT: 8.30 min Scan# 921
Delta R.T. 0.00 min
Lab File: BM026133.D
Acq: 27 May 2020 03:23

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
105	100	246790		
77	81.0	67.2	100.8	
51	30.5	27.4	41.0	

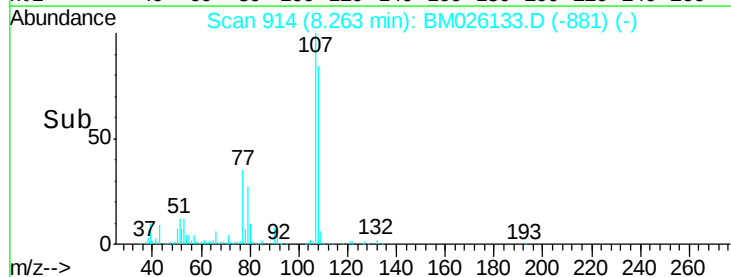
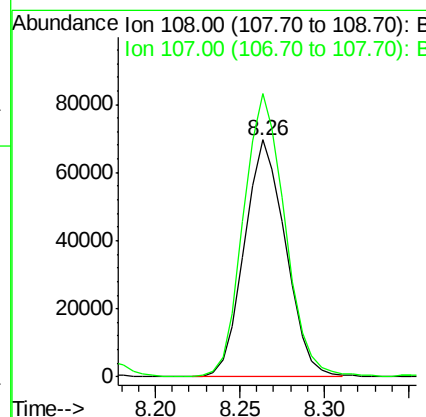
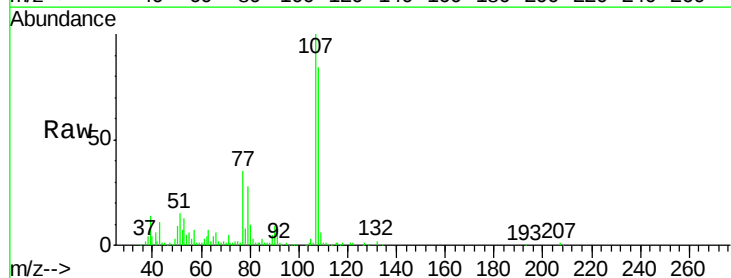
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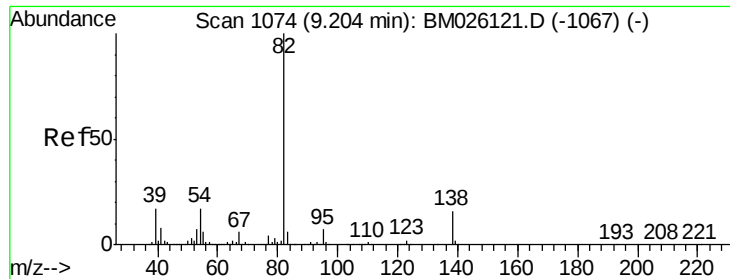
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#16
4-Methylphenol
Concen: 9.47 ng/ul
RT: 8.26 min Scan# 914
Delta R.T. -0.01 min
Lab File: BM026133.D
Acq: 27 May 2020 03:23

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	118353		
107	119.4	88.6	132.8	





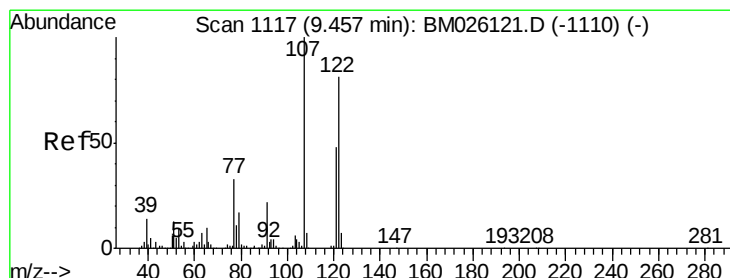
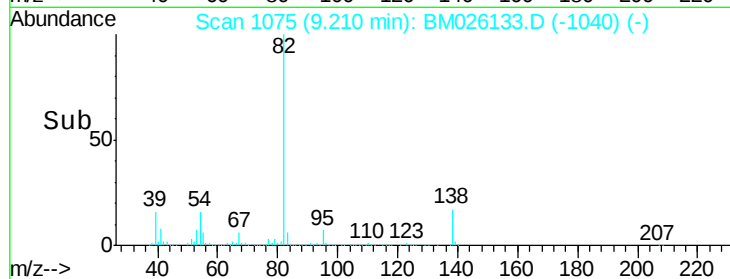
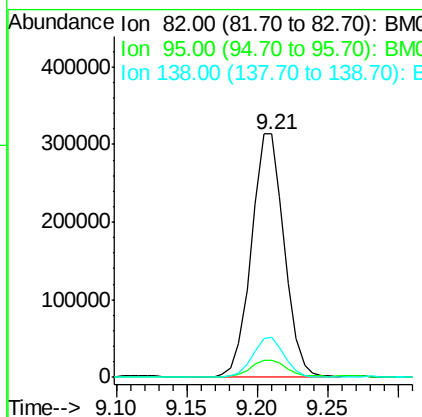
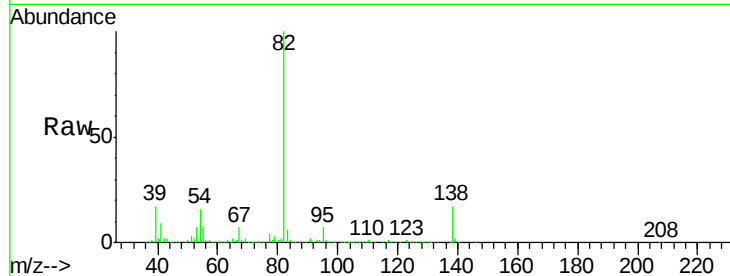
#21
Isophorone
Concen: 18.08 ng/ul
RT: 9.21 min Scan# 1075
Delta R.T. 0.01 min
Lab File: BM026133.D
Acq: 27 May 2020 03:23

Instrument :
BNA_M
ClientSampleId :
ETKW9

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	510952		
95	7.1	5.6	8.4	
138	16.7	11.9	17.9	

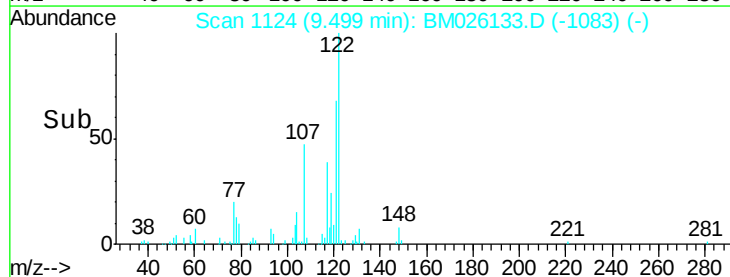
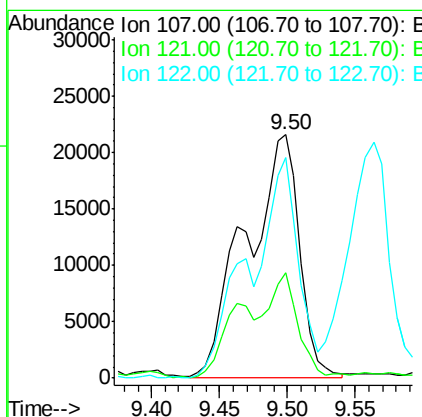
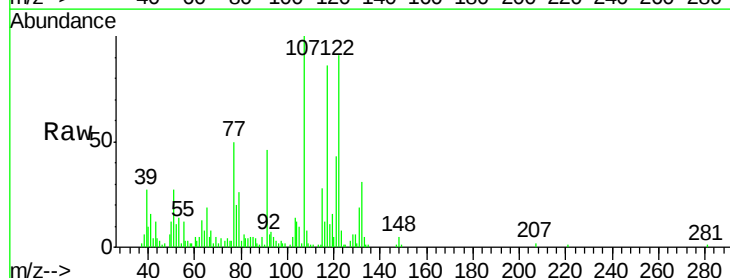
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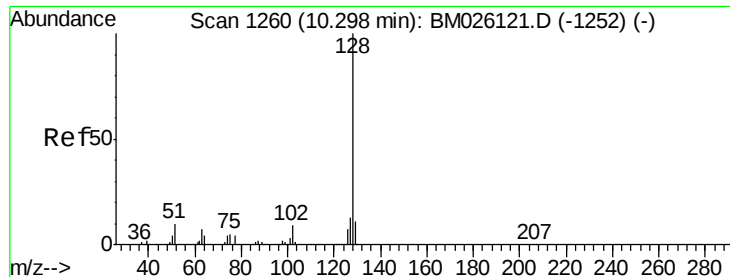
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#24
2,4-Dimethylphenol
Concen: 3.86 ng/ul m
RT: 9.50 min Scan# 1124
Delta R.T. 0.04 min
Lab File: BM026133.D
Acq: 27 May 2020 03:23

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	58701		
121	43.3	37.5	56.3	
122	90.7	63.8	95.6	





#28

Naphthalene

Concen: 1007.78 ng/ul m

RT: 10.31 min Scan# 1262

Delta R.T. 0.01 min

Lab File: BM026133.D

Acq: 27 May 2020 03:23

Instrument :

BNA_M

ClientSampleId :

ETKW9

Tgt Ion:128 Resp:41808146

Ion Ratio Lower Upper

128 100

129 13.9 9.0 13.4#

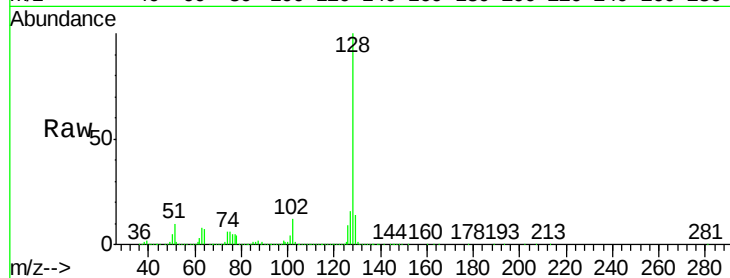
127 16.2 10.6 15.8#

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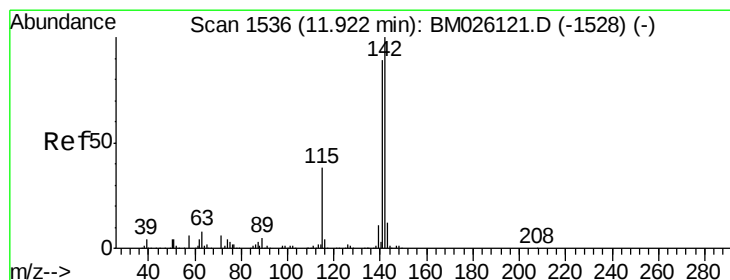
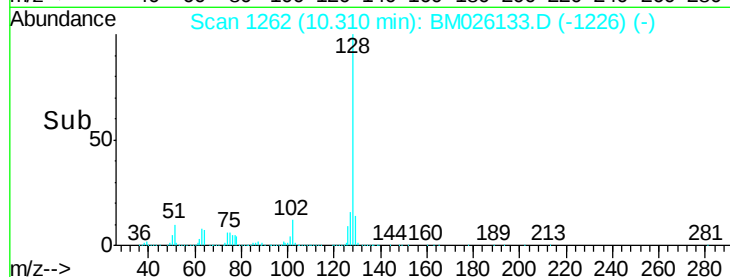
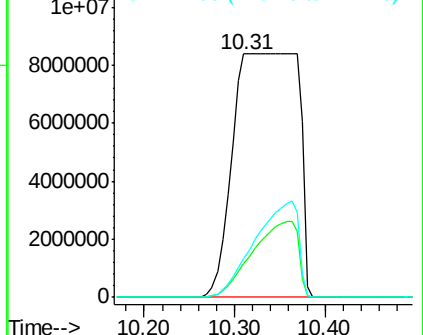
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 183.99 ng/ul

RT: 11.93 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BM026133.D

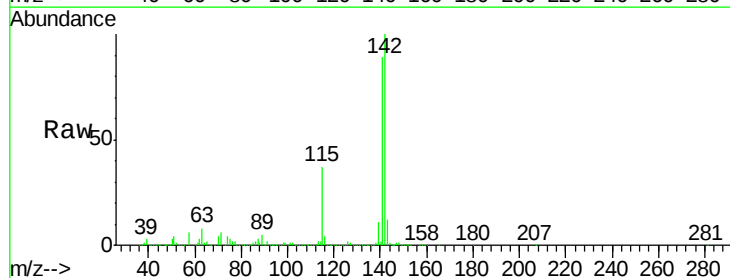
Acq: 27 May 2020 03:23

Tgt Ion:142 Resp: 5133948

Ion Ratio Lower Upper

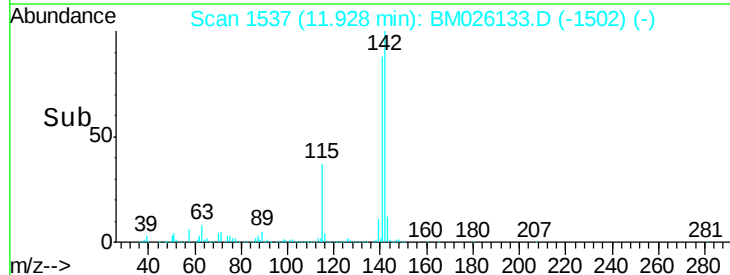
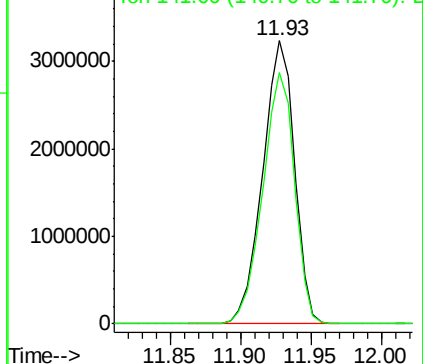
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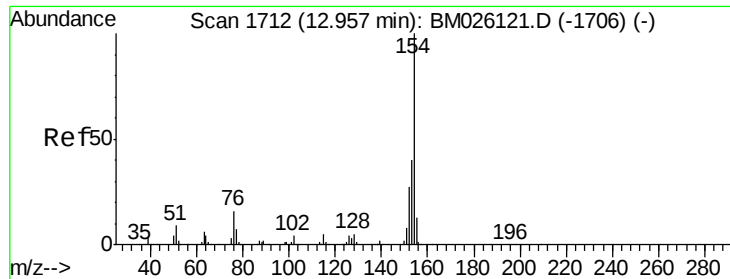
141 88.6 71.8 107.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





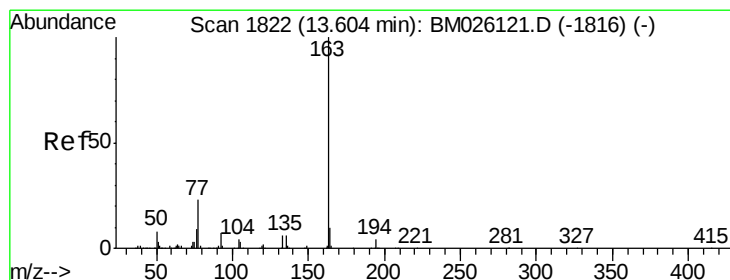
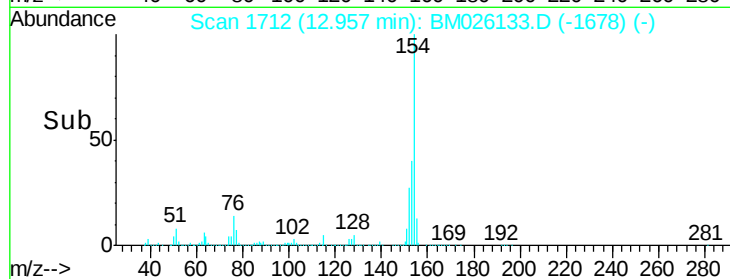
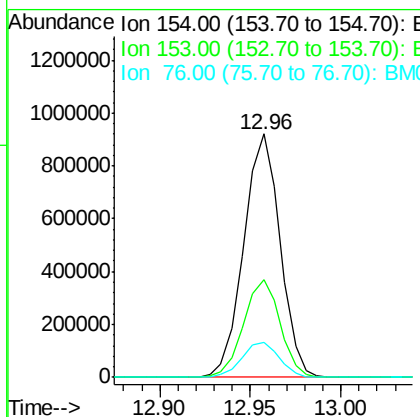
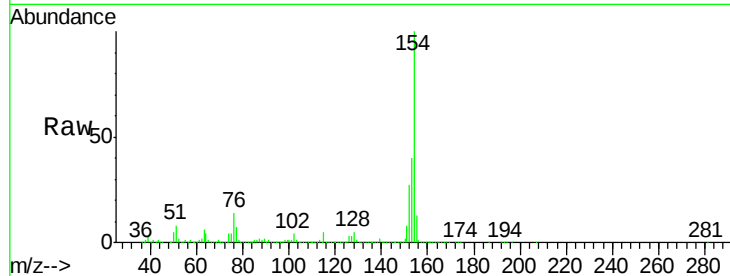
#41
 1,1'-Biphenyl
 Concen: 35.06 ng/ul
 RT: 12.96 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BM026133.D
 Acq: 27 May 2020 03:23

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Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	32.3	48.5
76	14.4	13.0	19.6

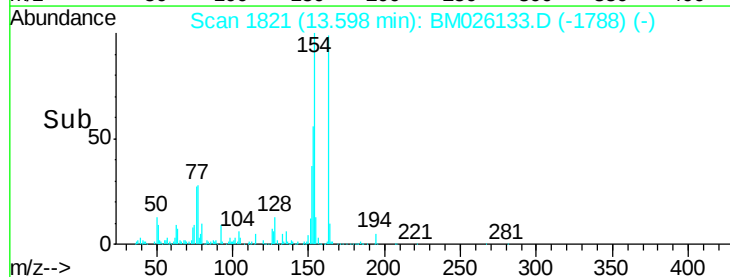
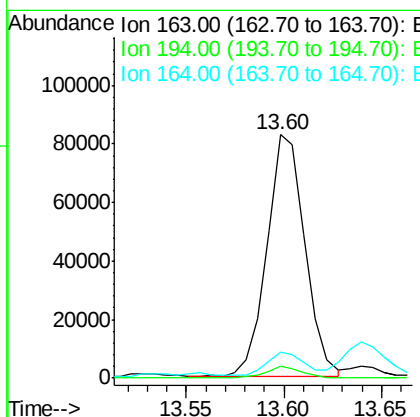
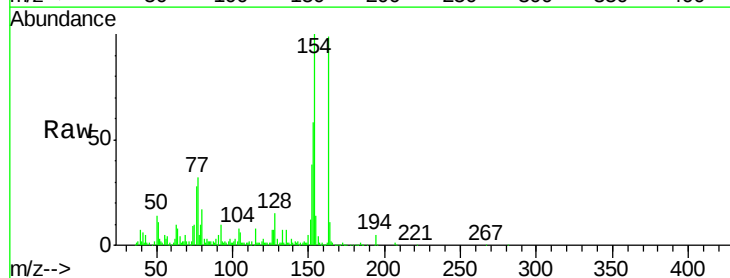
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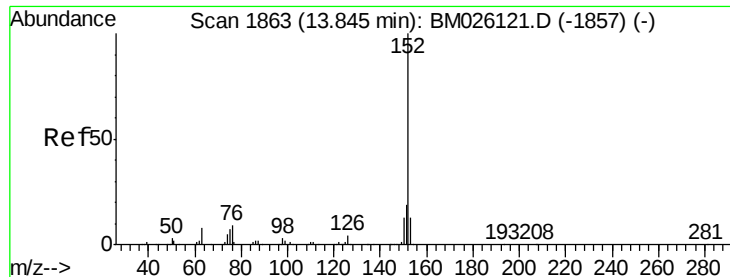
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#45
 Dimethylphthalate
 Concen: 3.21 ng/ul
 RT: 13.60 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BM026133.D
 Acq: 27 May 2020 03:23

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.2	4.8#
164	10.8	8.0	12.0





#48

Acenaphthylene

Concen: 85.95 ng/ul

RT: 13.85 min Scan# 1864

Delta R.T. 0.00 min

Lab File: BM026133.D

Acq: 27 May 2020 03:23

Instrument :

BNA_M

ClientSampleId :

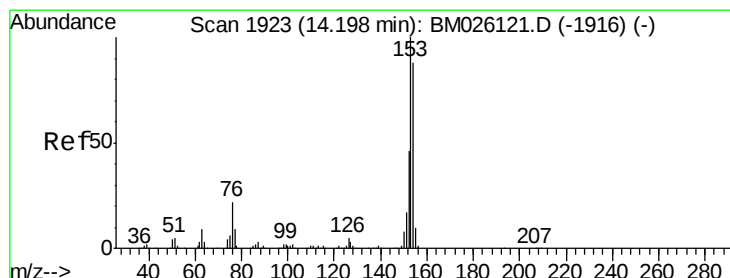
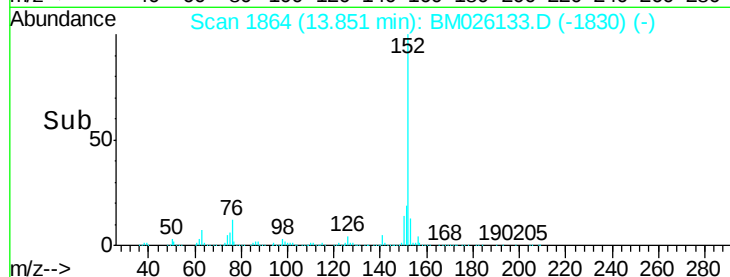
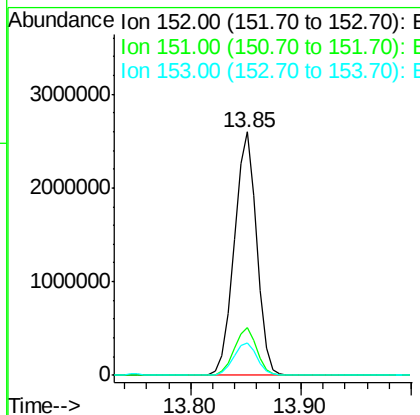
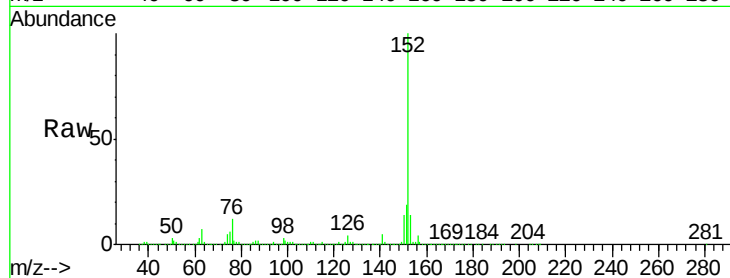
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Tgt Ion:152 Resp: 3695465

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.5	10.2	15.2

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#50

Acenaphthene

Concen: 11.49 ng/ul

RT: 14.19 min Scan# 1922

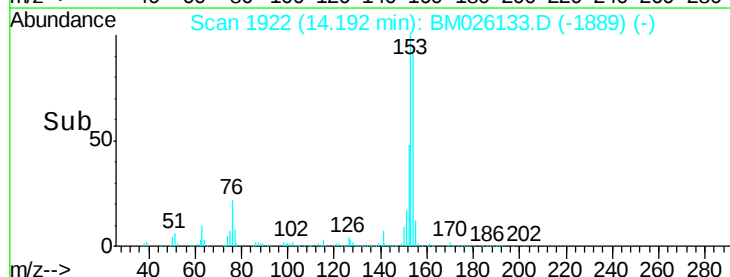
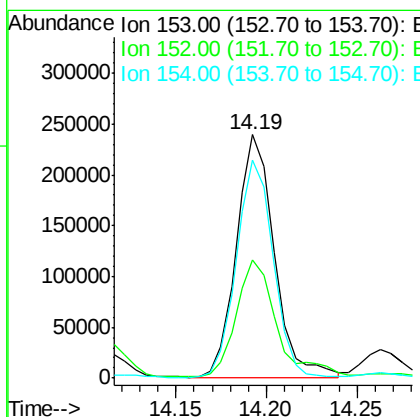
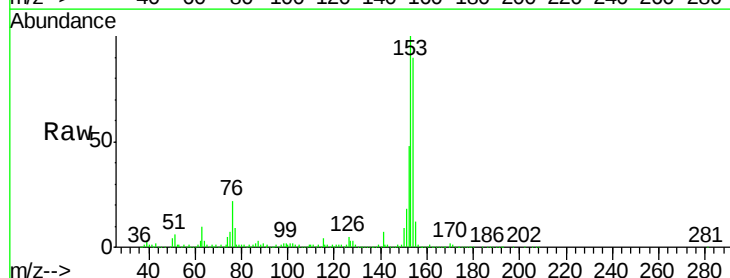
Delta R.T. -0.01 min

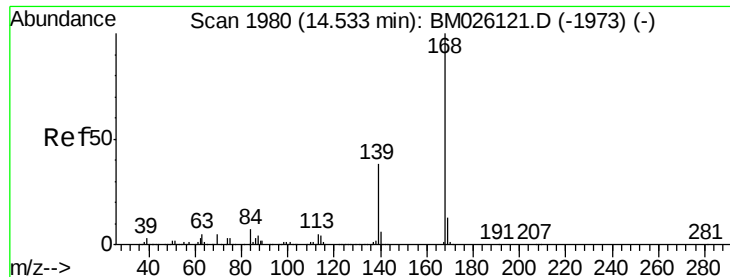
Lab File: BM026133.D

Acq: 27 May 2020 03:23

Tgt Ion:153 Resp: 348322

Ion	Ratio	Lower	Upper
153	100		
152	48.3	37.2	55.8
154	89.7	69.8	104.8





#54

Dibenzenofuran

Concen: 2.23 ng/ul

RT: 14.53 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BM026133.D

Acq: 27 May 2020 03:23

Instrument :

BNA_M

ClientSampleId :

ETKW9

Tgt Ion:168 Resp: 95006

Ion Ratio Lower Upper

168 100

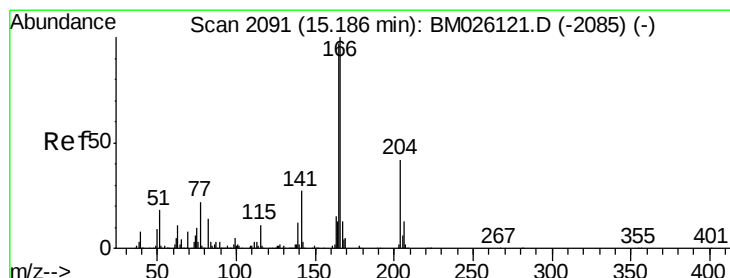
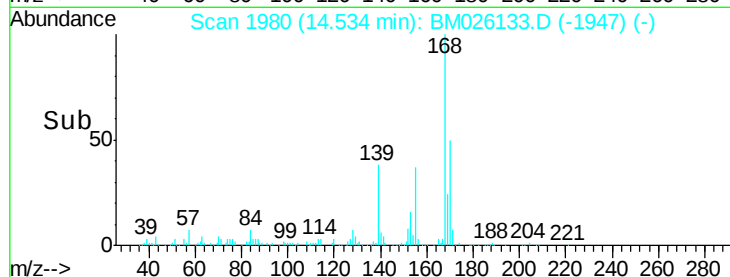
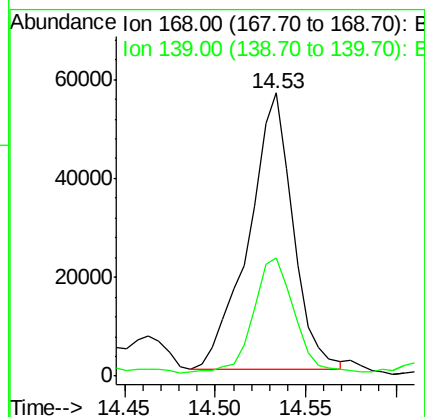
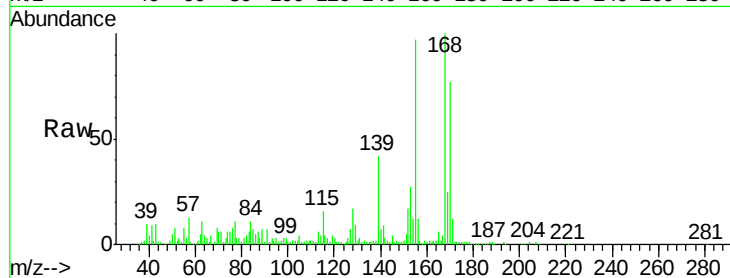
139 41.7 30.7 46.1

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#59

Fluorene

Concen: 52.64 ng/ul

RT: 15.19 min Scan# 2091

Delta R.T. -0.01 min

Lab File: BM026133.D

Acq: 27 May 2020 03:23

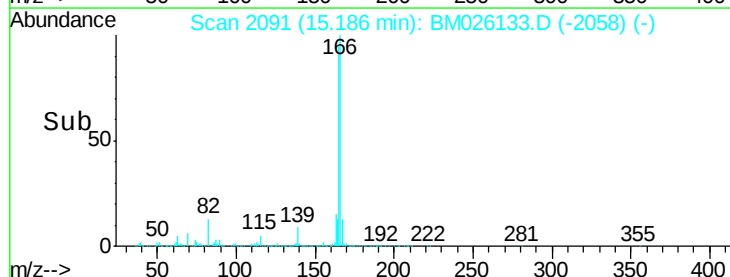
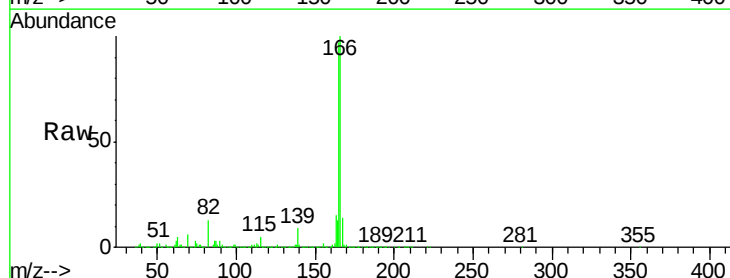
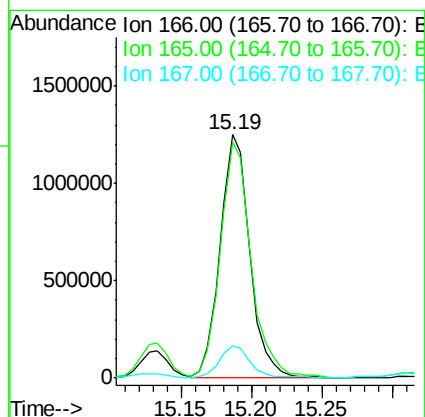
Tgt Ion:166 Resp: 1814398

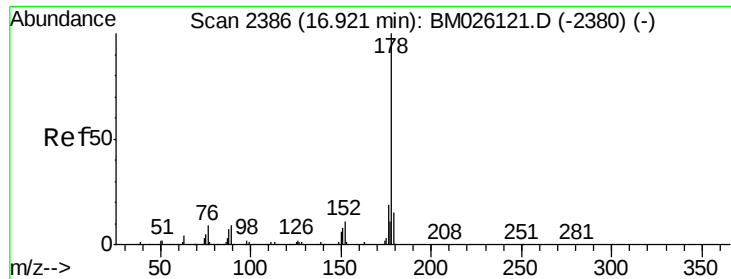
Ion Ratio Lower Upper

166 100

165 96.8 77.3 115.9

167 13.5 10.6 16.0





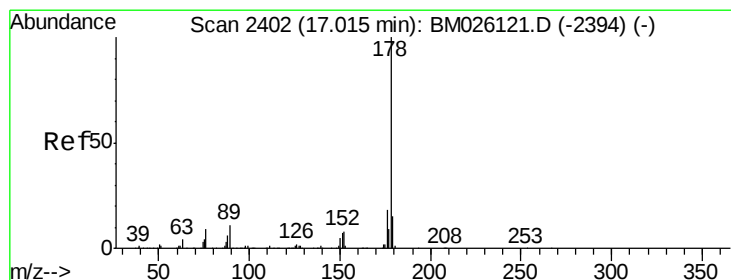
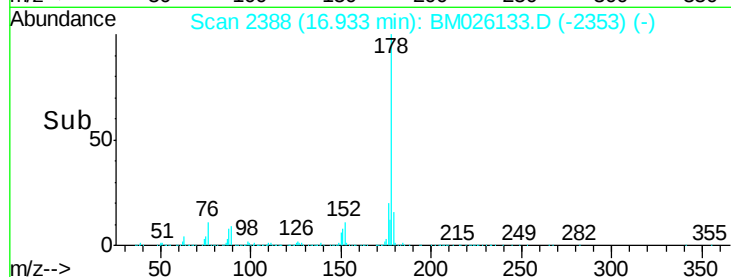
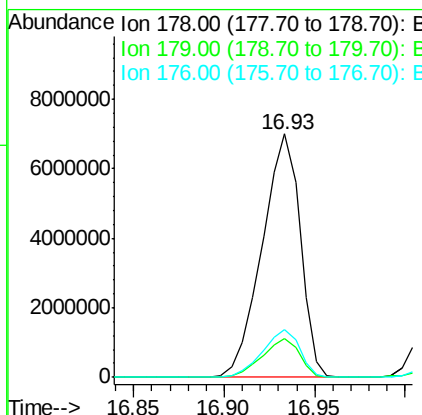
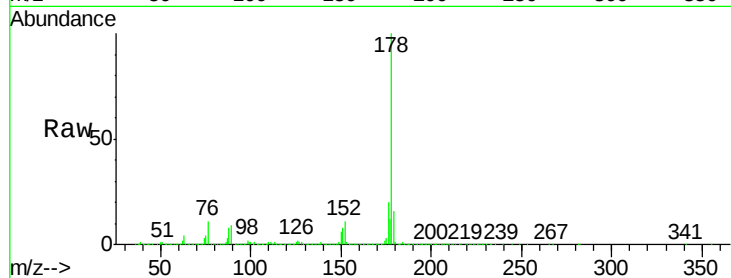
#70
Phenanthrene
Concen: 190.03 ng/ul
RT: 16.93 min Scan# 2388
Delta R.T. 0.01 min
Lab File: BM026133.D
Acq: 27 May 2020 03:23

Instrument :
BNA_M
ClientSampleId :
ETKW9

Tgt Ion:178 Resp:10235138
Ion Ratio Lower Upper
178 100
179 15.9 11.9 17.9
176 19.6 14.9 22.3

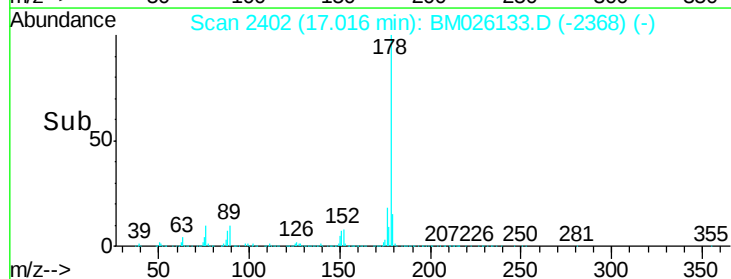
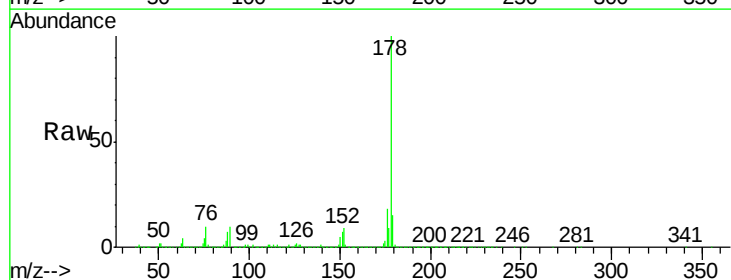
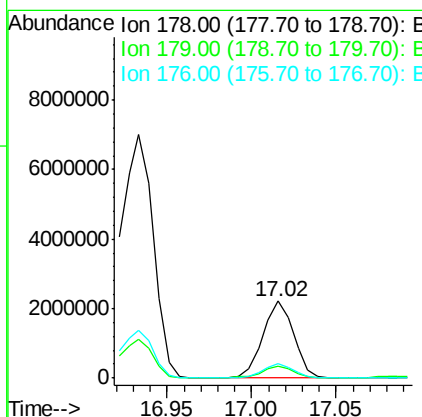
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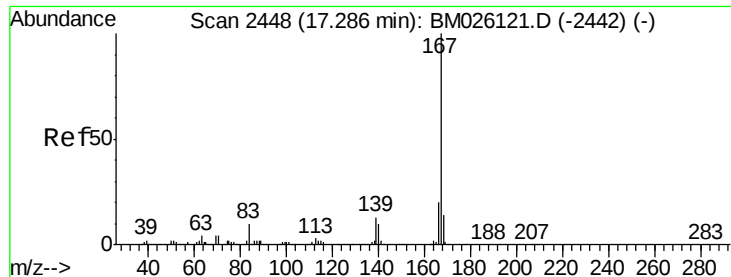
mohammad
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#72
Anthracene
Concen: 52.12 ng/ul
RT: 17.02 min Scan# 2402
Delta R.T. 0.00 min
Lab File: BM026133.D
Acq: 27 May 2020 03:23

Tgt Ion:178 Resp: 2816193
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.4
176 18.2 14.9 22.3





#75

Carbazole

Concen: 4.32 ng/ul

RT: 17.29 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BM026133.D

Acq: 27 May 2020 03:23

Instrument :

BNA_M

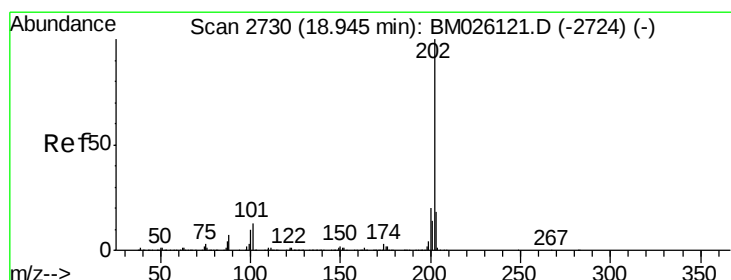
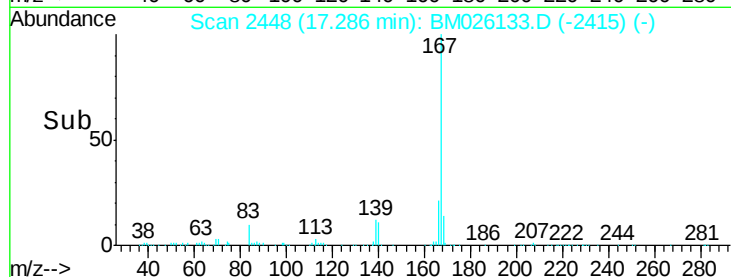
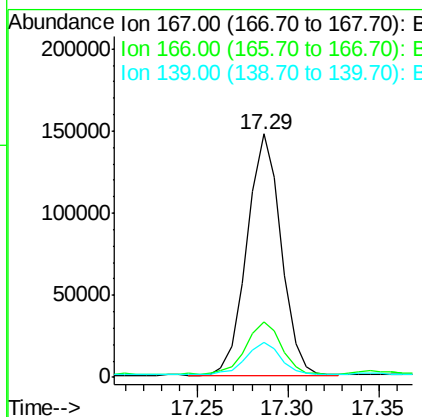
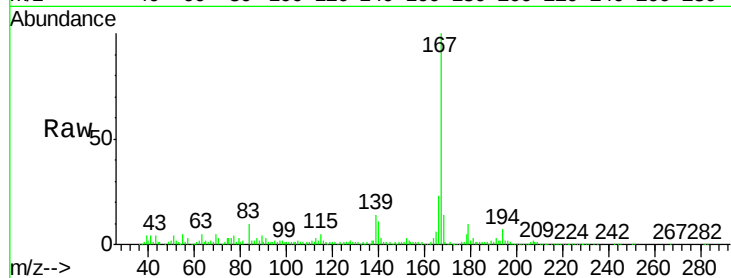
ClientSampleId :

ETKW9

Tgt Ion:	167	Resp:	193203
Ion Ratio		Lower	Upper
167	100		
166	22.9	16.6	25.0
139	14.4	10.8	16.2

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#77

Fluoranthene

Concen: 92.44 ng/ul

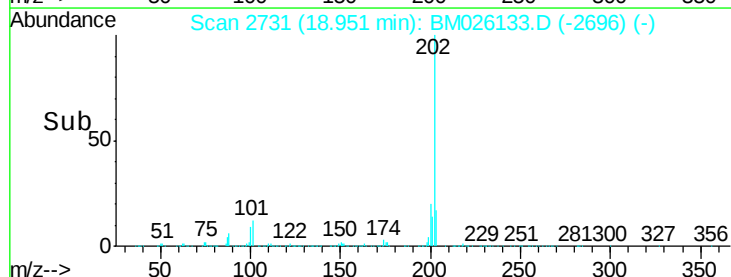
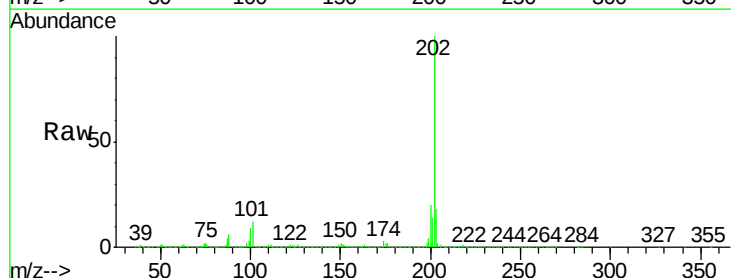
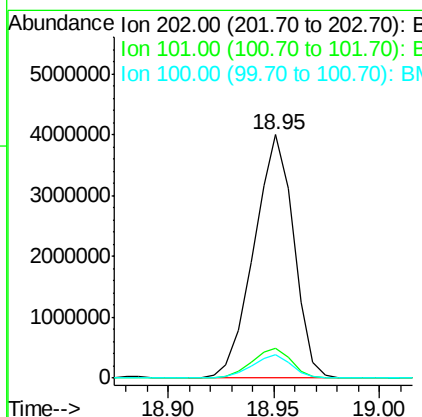
RT: 18.95 min Scan# 2731

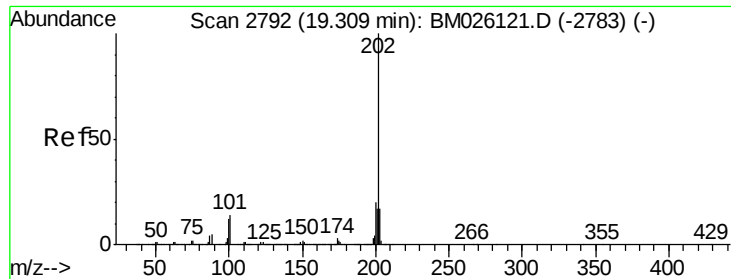
Delta R.T. 0.01 min

Lab File: BM026133.D

Acq: 27 May 2020 03:23

Tgt Ion:	202	Resp:	5222754
Ion Ratio		Lower	Upper
202	100		
101	12.3	9.5	14.3
100	9.5	7.6	11.4





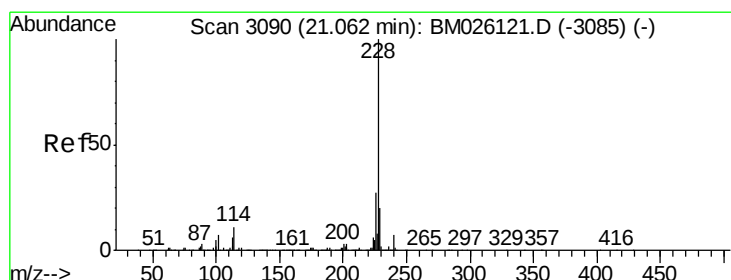
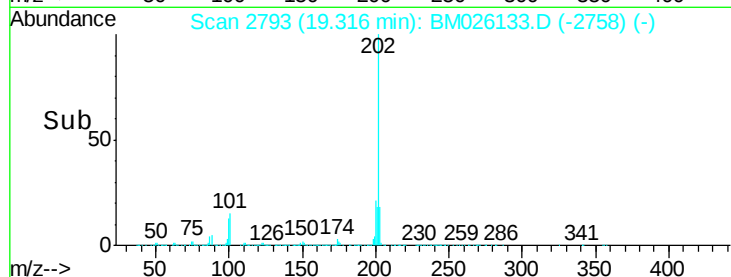
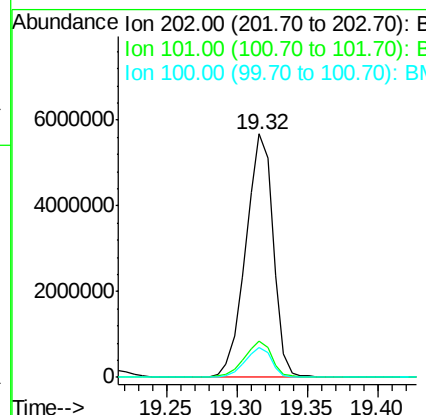
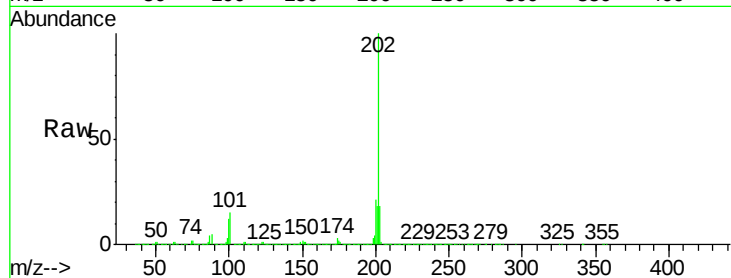
#80
Pyrene
Concen: 123.23 ng/ul
RT: 19.32 min Scan# 2793
Delta R.T. 0.01 min
Lab File: BM026133.D
Acq: 27 May 2020 03:23

Instrument :
BNA_M
ClientSampleId :
ETKW9

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.8	12.2	18.4
100	12.4	10.2	15.4

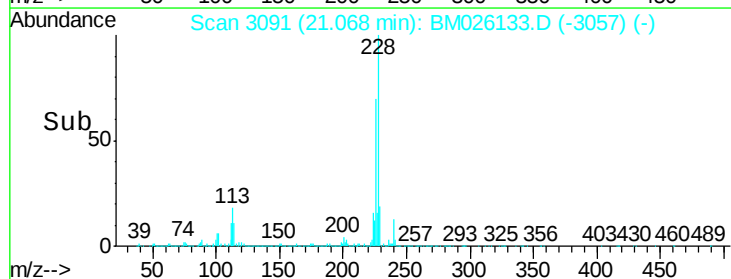
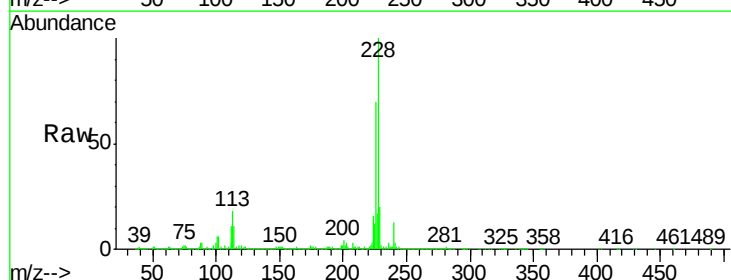
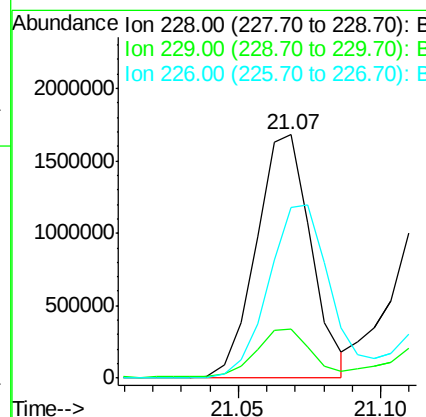
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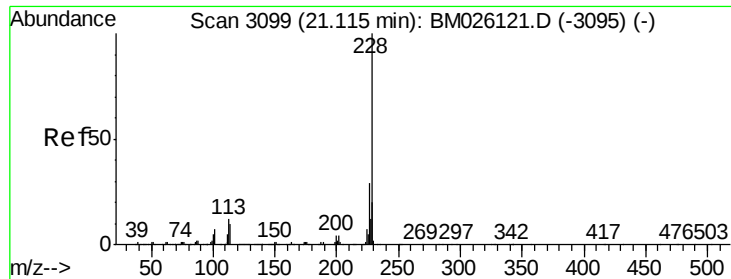
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#83
Benzo(a)anthracene
Concen: 36.85 ng/ul m
RT: 21.07 min Scan# 3091
Delta R.T. 0.00 min
Lab File: BM026133.D
Acq: 27 May 2020 03:23

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.5	23.3
226	70.3	21.2	31.8#





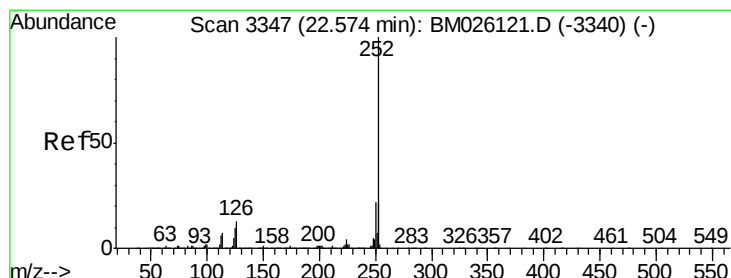
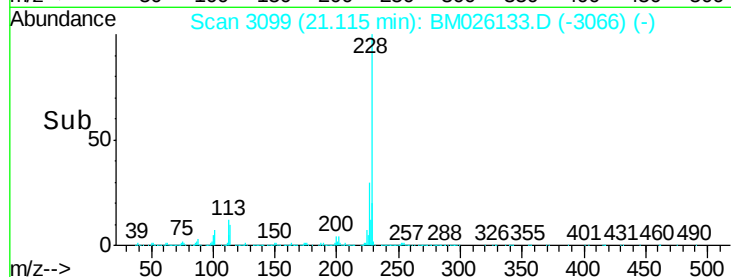
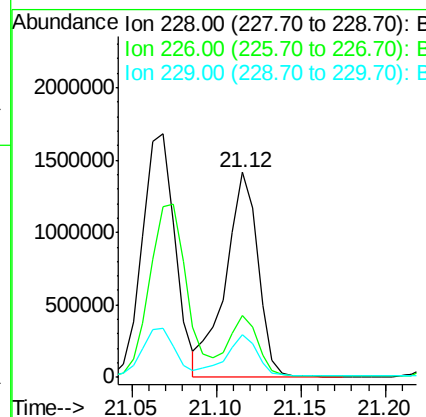
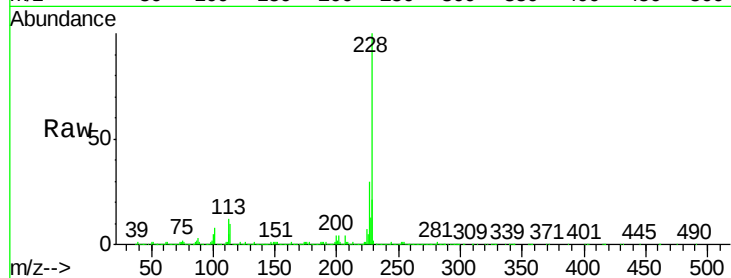
#85
Chrysene
Concen: 30.78 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM026133.D
Acq: 27 May 2020 03:23

Instrument :
BNA_M
ClientSampleId :
ETKW9

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.0	34.6
229	20.7	15.5	23.3

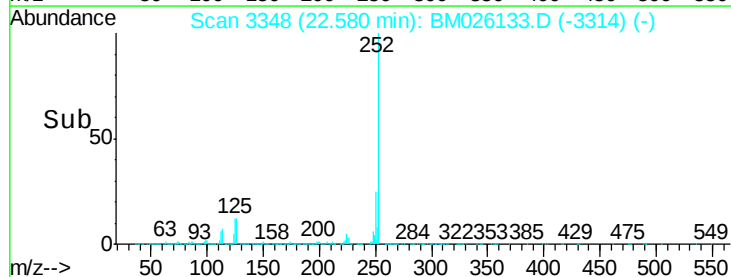
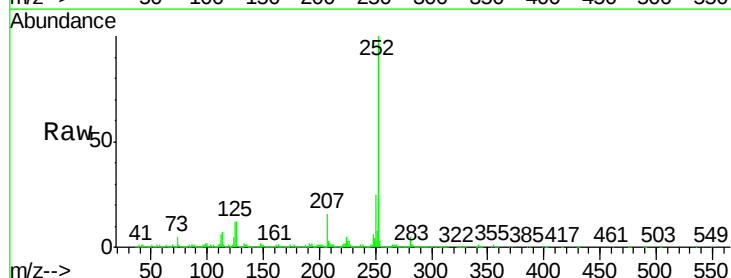
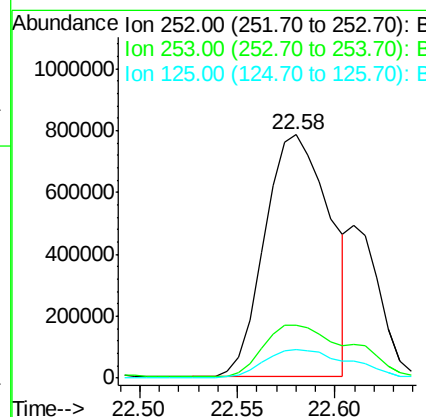
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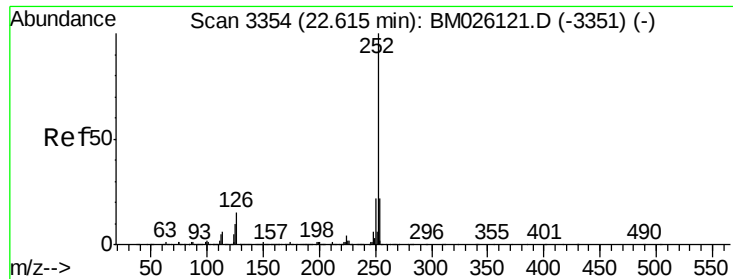
mohammad
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#88
Benzo(b)fluoranthene
Concen: 28.42 ng/ul
RT: 22.58 min Scan# 3348
Delta R.T. 0.00 min
Lab File: BM026133.D
Acq: 27 May 2020 03:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	12.0	8.9	13.3





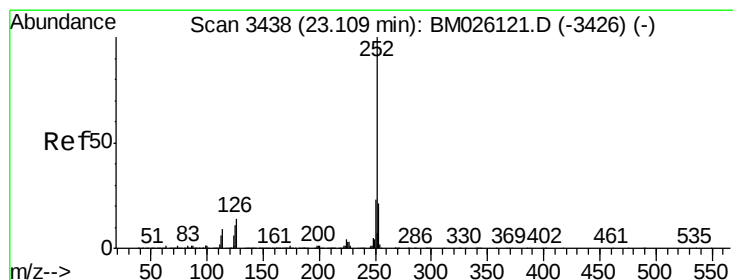
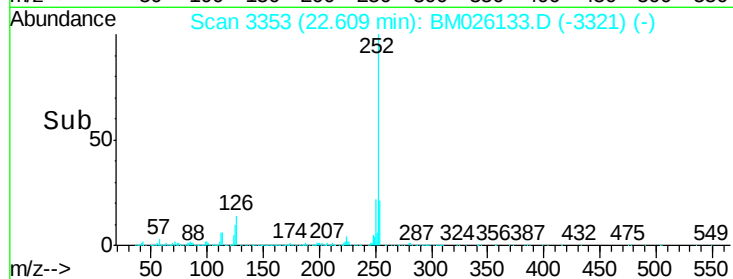
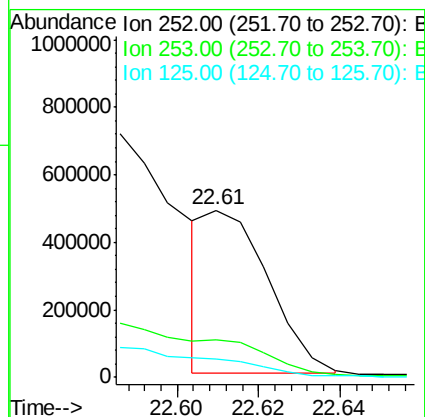
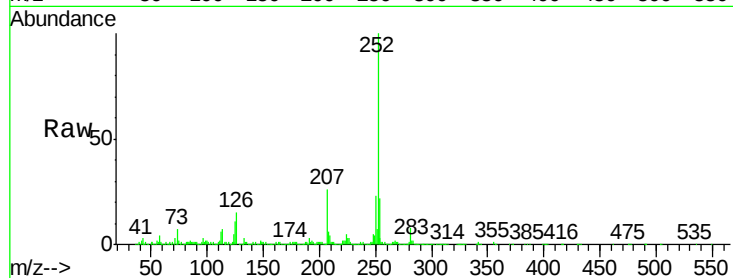
#89
Benzo(k)fluoranthene
Concen: 7.99 ng/ul m
RT: 22.61 min Scan# 3353
Delta R.T. -0.01 min
Lab File: BM026133.D
Acq: 27 May 2020 03:23

Instrument :
BNA_M
ClientSampleId :
ETKW9

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.4
125	10.9	8.6	13.0

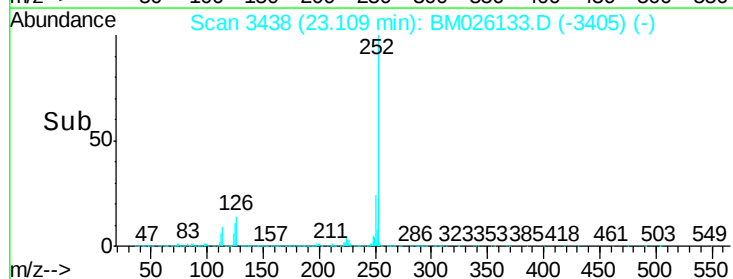
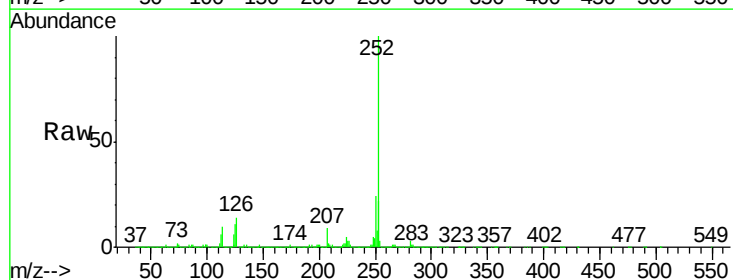
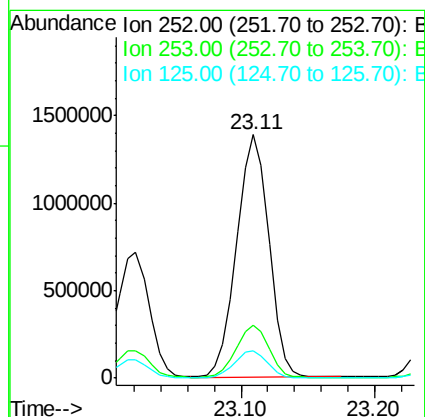
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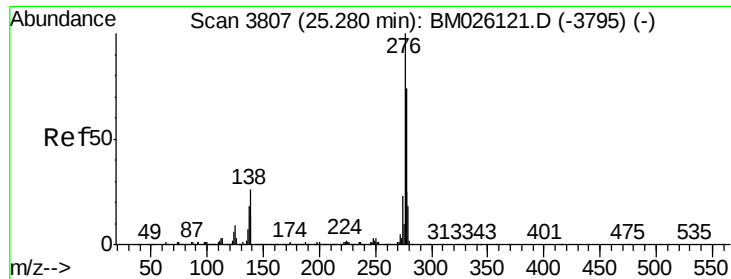
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#91
Benzo(a)pyrene
Concen: 41.22 ng/ul
RT: 23.11 min Scan# 3438
Delta R.T. -0.01 min
Lab File: BM026133.D
Acq: 27 May 2020 03:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	11.4	9.8	14.6





#92

Indeno(1,2,3-cd)pyrene

Concen: 14.32 ng/ul

RT: 25.27 min Scan# 3806

Delta R.T. -0.01 min

Lab File: BM026133.D

Acq: 27 May 2020 03:23

Instrument :

BNA_M

ClientSampled :

ETKW9

Tgt Ion:276 Resp: 1045758

Ion Ratio Lower Upper

276 100

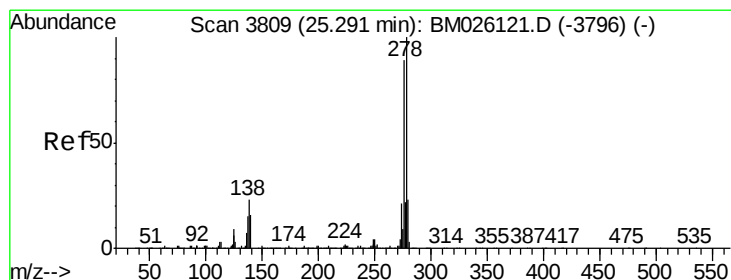
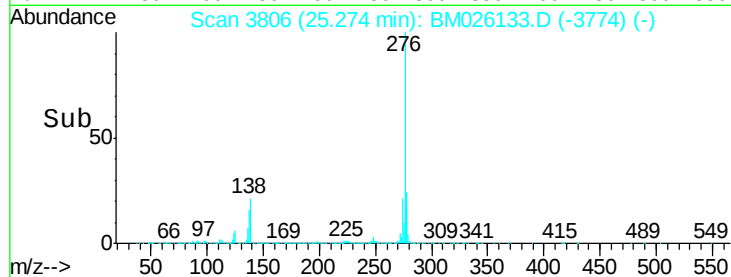
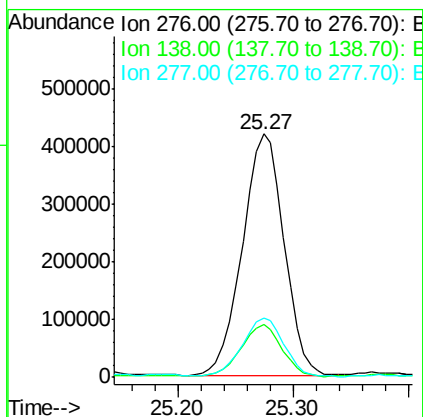
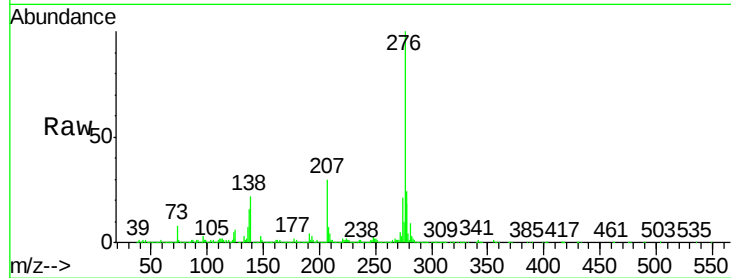
138 21.6 21.6 32.4#

277 24.3 20.3 30.5

Manual Integrations
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#93

Dibenzo(a,h)anthracene

Concen: 3.42 ng/ul m

RT: 25.28 min Scan# 3807

Delta R.T. -0.02 min

Lab File: BM026133.D

Acq: 27 May 2020 03:23

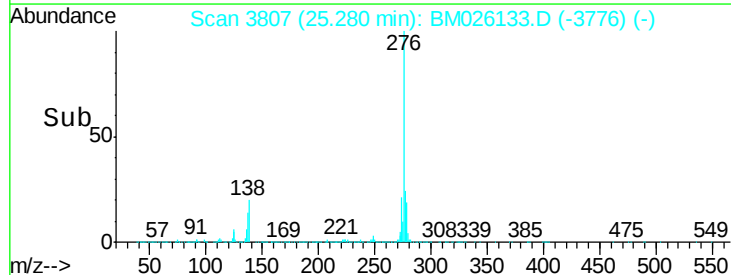
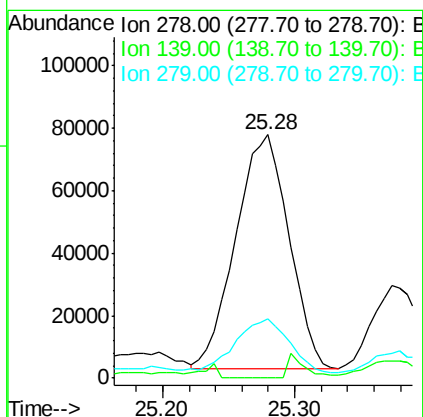
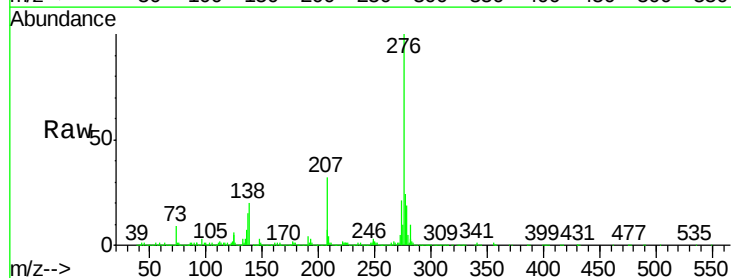
Tgt Ion:278 Resp: 211534

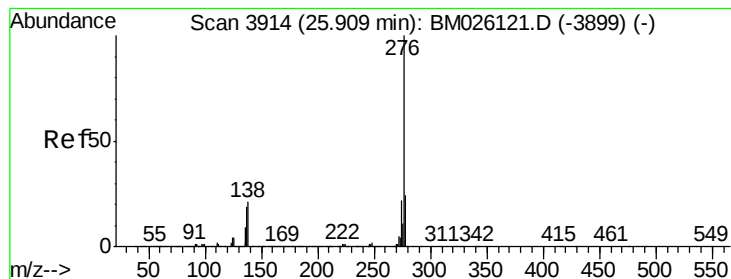
Ion Ratio Lower Upper

278 100

139 0.0 13.5 20.3#

279 24.2 18.8 28.2





#94

Benzo(g,h,i)perylene

Concen: 21.50 ng/ul

RT: 25.91 min Scan# 3914

Delta R.T. -0.01 min

Lab File: BM026133.D

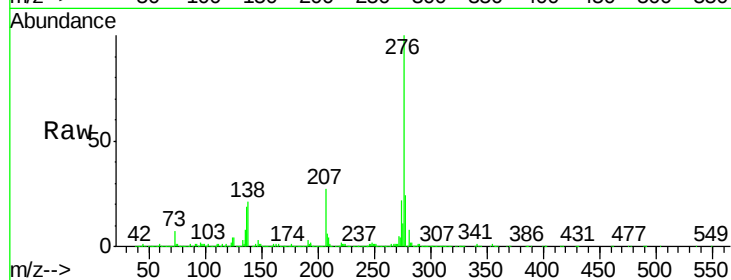
Acq: 27 May 2020 03:23

Instrument :

BNA_M

ClientSampleId :

ETKW9



Tgt Ion: 276 Resp: 1310548

Ion Ratio Lower Upper

276 100

138 21.2 18.7 28.1

277 23.7 18.8 28.2

Manual Integrations

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