

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
 Data File : BM021292.D
 Acq On : 30 Jun 2019 11:08
 Operator : HP/JU
 Sample : K3590-11
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BB0

Manual Integrations
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 7/1/2019 2:44:33 PM

Quant Time: Jul 01 01:21:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jun 30 03:35:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	328932	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1429884	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	877802	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1873506	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1371655	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1595209	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	21708	3.13	ng/uL	0.00
5) Phenol-d5	6.93	99	557714	19.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	322205	18.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	473453	20.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	465459	19.48	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	248717	21.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	290591	22.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	554366	21.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	224942	8.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	1700240	21.44	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	2060424	21.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	210159	16.29	ng/ul	0.00
57) Fluorene-d10	15.39	176	1477635	21.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	127304	11.05	ng/ul	0.00
70) Anthracene-d10	17.25	188	2114586	21.72	ng/ul	0.00
78) Pyrene-d10	19.55	212	1919701	23.32	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	1985644	21.10	ng/ul	0.01

Target Compounds

					Ovalue	
6) Phenol	6.96	94	35943	1.327	ng/ul	95
44) Dimethylphthalate	13.86	163	433284	6.001	ng/ul	99
49) Acenaphthene	14.46	153	160107	2.627	ng/ul	98
53) Dibenzofuran	14.80	168	146454	1.688	ng/ul	95
58) Fluorene	15.45	166	200910	2.850	ng/ul	96
69) Phenanthrene	17.20	178	6857598	66.184	ng/ul	98
71) Anthracene	17.28	178	873735	8.275	ng/ul	100
74) Carbazole	17.56	167	550205	6.323	ng/ul	100
76) Fluoranthene	19.22	202	14025204	125.273	ng/ul#	95
79) Pyrene	19.59	202	12072530	124.497	ng/ul	100
82) Benzo(a)anthracene	21.33	228	5542139	59.266	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.24	149	222721	4.358	ng/ul	100
84) Chrysene	21.38	228	6991159	79.825	ng/ul	96
87) Benzo(b)fluoranthene	22.94	252	10222183	101.161	ng/ul#	97
88) Benzo(k)fluoranthene	22.98	252	3391909m	34.892	ng/ul	
90) Benzo(a)pyrene	23.53	252	6278622	66.015	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.92	276	5211350	46.532	ng/ul#	95
92) Dibenz(a,h)anthracene	25.93	278	1254664m	13.317	ng/ul	
93) Benzo(g,h,i)perylene	26.64	276	4678844	50.725	ng/ul	96

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

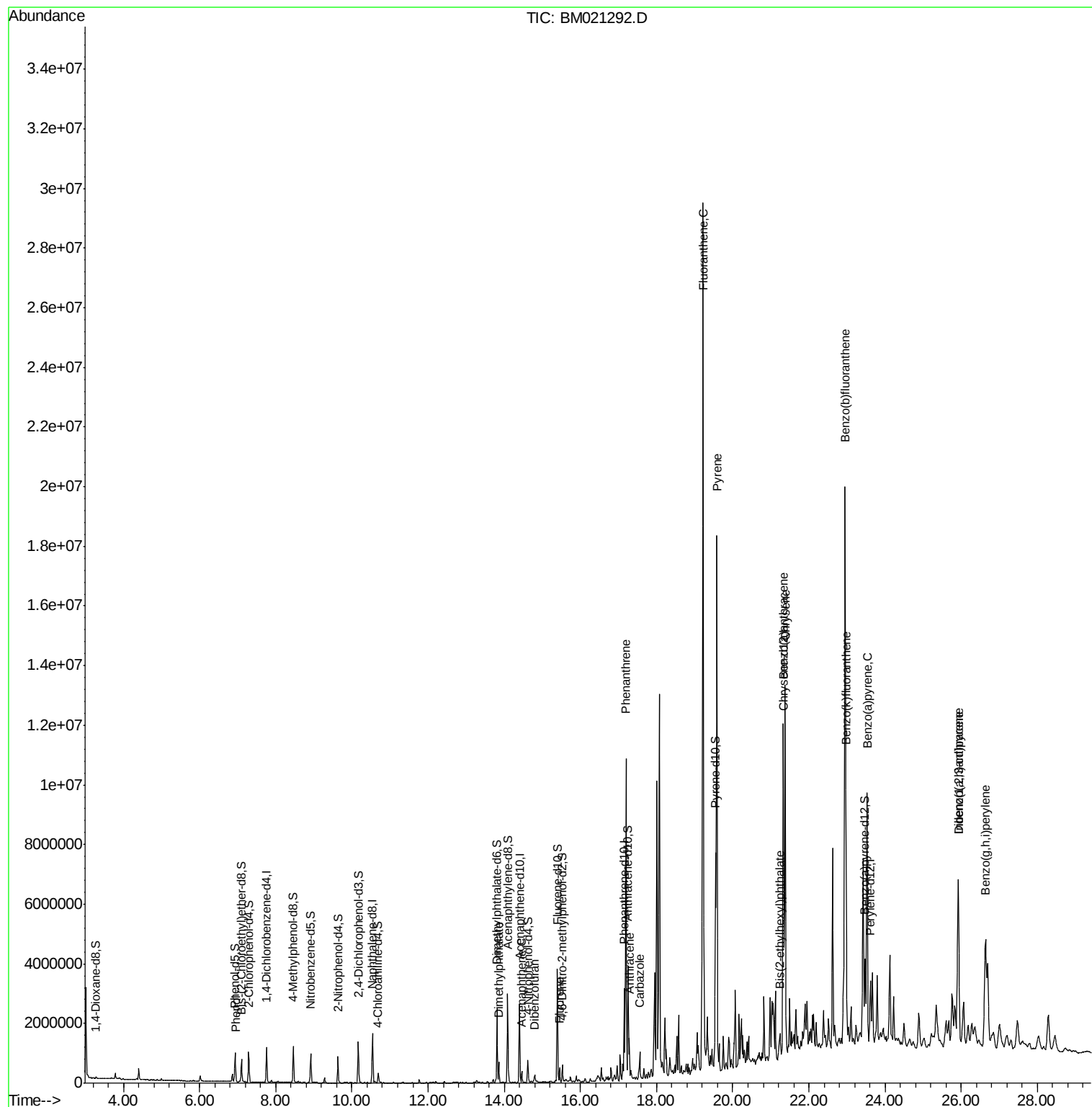
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021292.D
Acq On : 30 Jun 2019 11:08
Operator : HP/JU
Sample : K3590-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

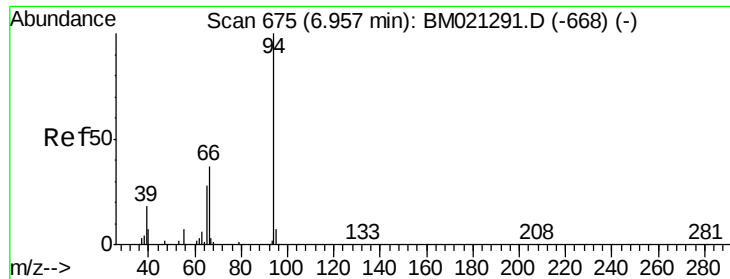
Instrument :
BNA_M
ClientSampleId :
C5BB0

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Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 30 03:35:19 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.327 ng/ul

RT: 6.96 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM021292.D

Acq: 30 Jun 2019 11:08

Instrument :

BNA_M

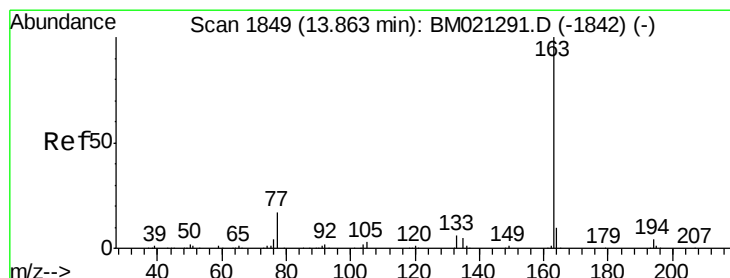
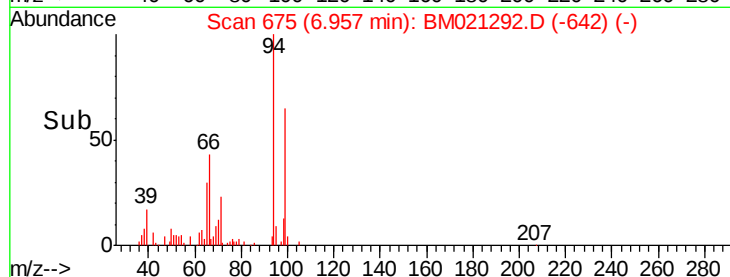
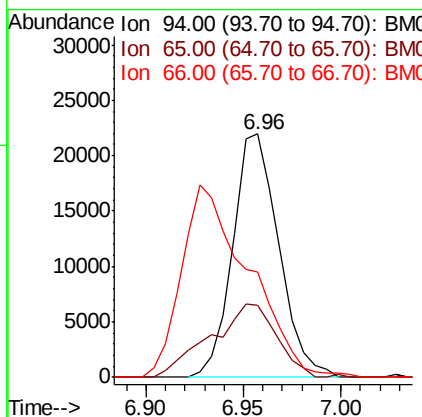
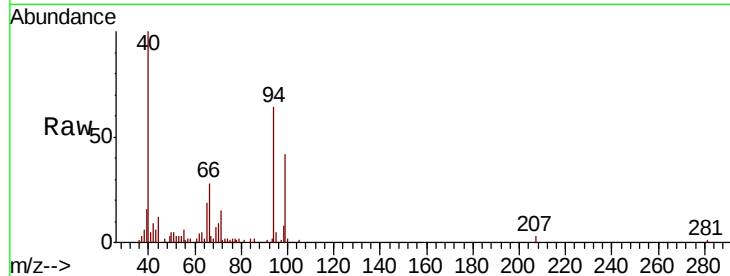
ClientSampled :

C5BB0

Tot Ion:	94	Resp:	35943
Ion	Ratio	Lower	Upper
94	100		
65	29.8	22.6	34.0
66	43.2	31.2	46.8

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#44

Dimethylphthalate

Concen: 6.001 ng/ul

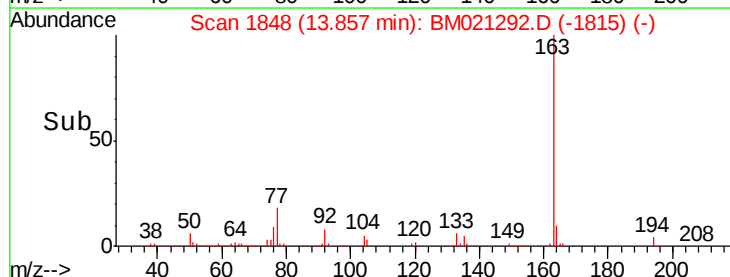
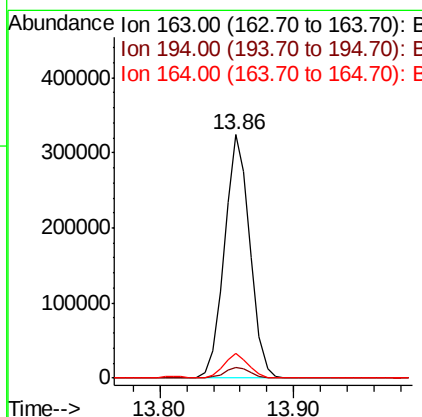
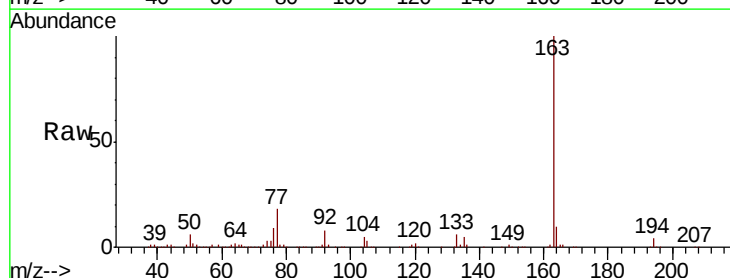
RT: 13.86 min Scan# 1848

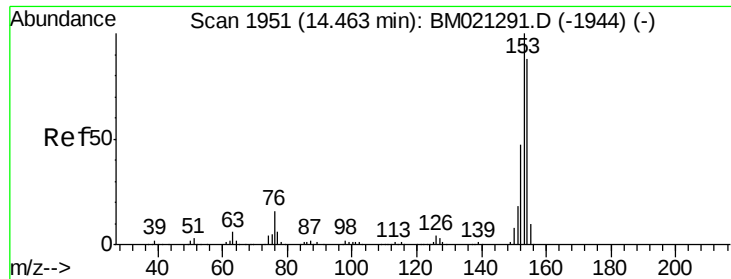
Delta R.T. -0.01 min

Lab File: BM021292.D

Acq: 30 Jun 2019 11:08

Tgt Ion:	163	Resp:	433284
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.0	7.7	11.5





#49

Acenaphthene

Concen: 2.627 ng/ul

RT: 14.46 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BM021292.D

Acq: 30 Jun 2019 11:08

Instrument :

BNA_M

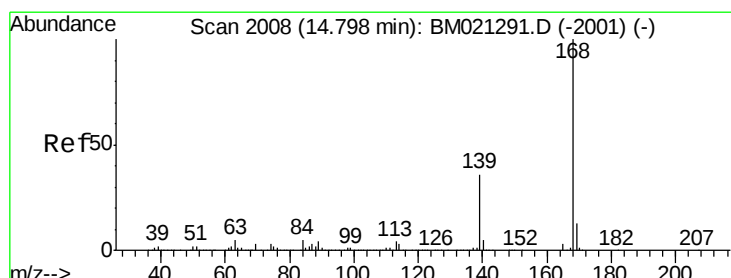
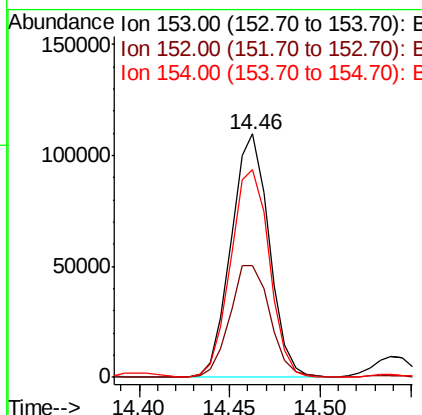
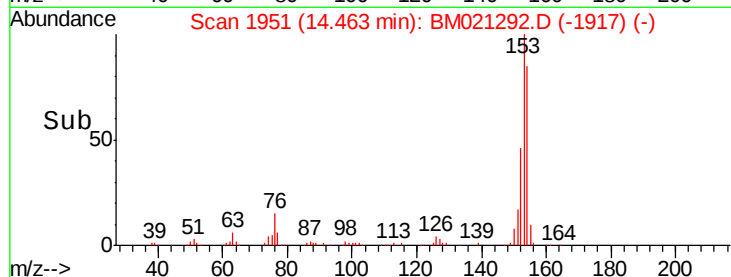
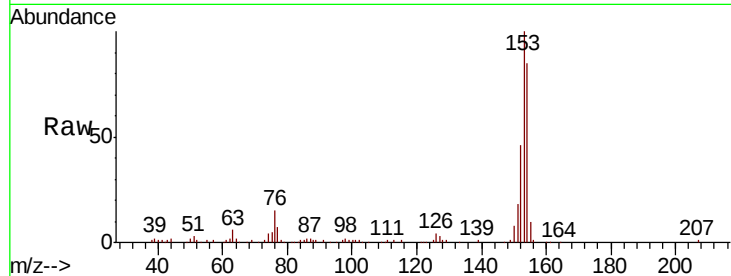
ClientSampled :

C5BB0

Tot Ion:	153	Resp:	160107
Ion Ratio	Lower	Upper	
153	100		
152	46.1	37.3	55.9
154	85.2	70.5	105.7

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#53

Dibenzofuran

Concen: 1.688 ng/ul

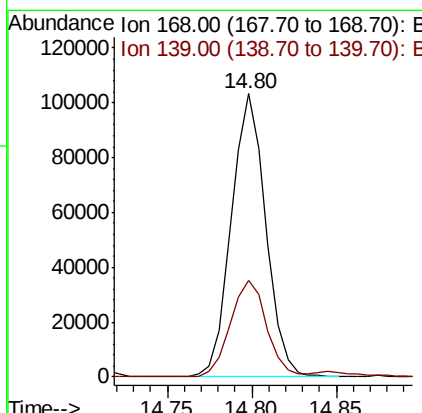
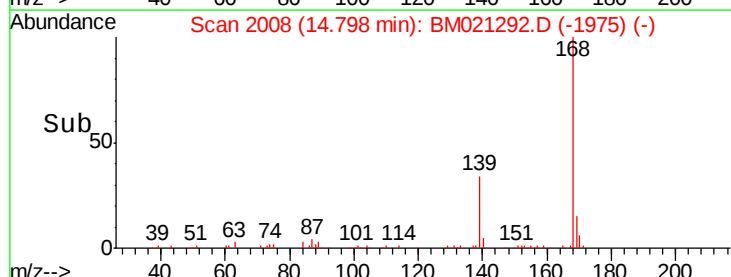
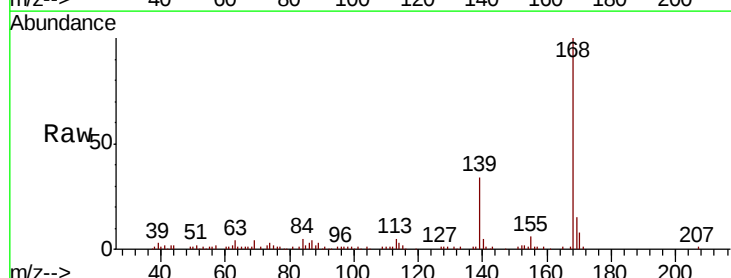
RT: 14.80 min Scan# 2008

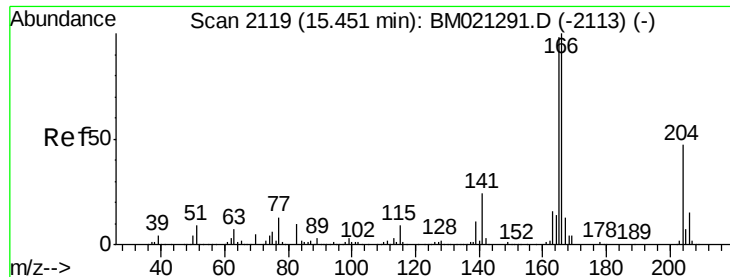
Delta R.T. -0.01 min

Lab File: BM021292.D

Acq: 30 Jun 2019 11:08

Tgt Ion:	168	Resp:	146454
Ion Ratio	Lower	Upper	
168	100		
139	33.9	29.7	44.5





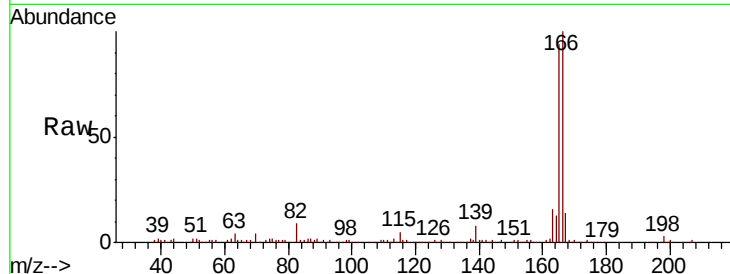
#58
 Fluorene
 Concen: 2.850 ng/ul
 RT: 15.45 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: BM021292.D
 Acq: 30 Jun 2019 11:08

Instrument :
 BNA_M
 ClientSampleId :
 C5BB0

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		200910		
165	94.0	79.0	118.4		
167	14.3	10.6	16.0		

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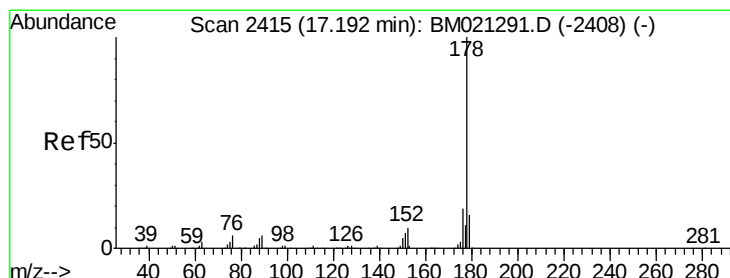
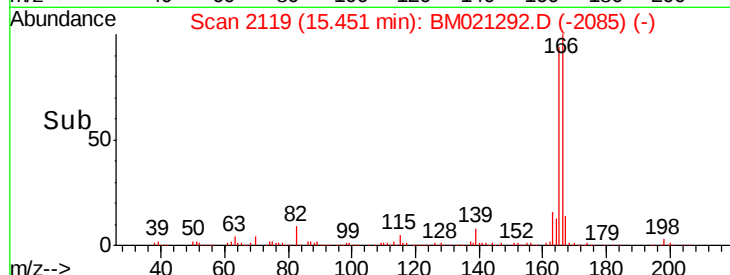
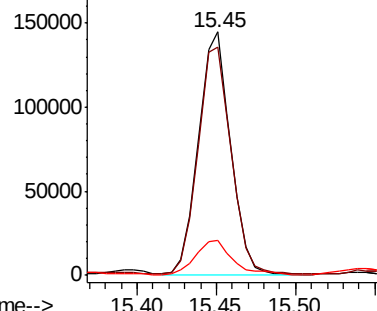


Abundance

Ion 166.00 (165.70 to 166.70): E

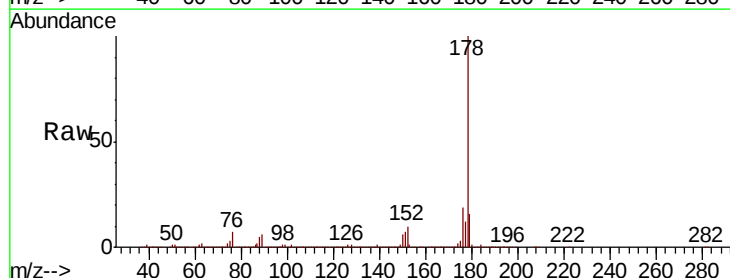
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#69
 Phenanthrene
 Concen: 66.184 ng/ul
 RT: 17.20 min Scan# 2416
 Delta R.T. 0.01 min
 Lab File: BM021292.D
 Acq: 30 Jun 2019 11:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		6857598		
179	15.7	11.8	17.8		
176	19.5	15.0	22.6		

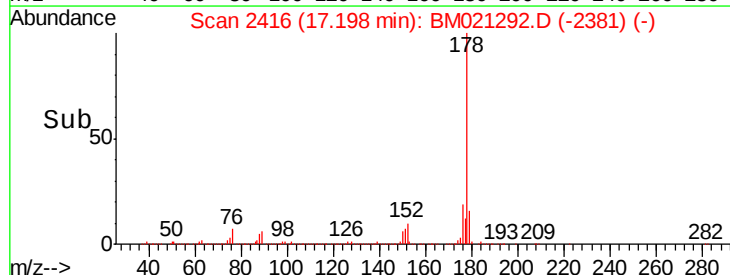
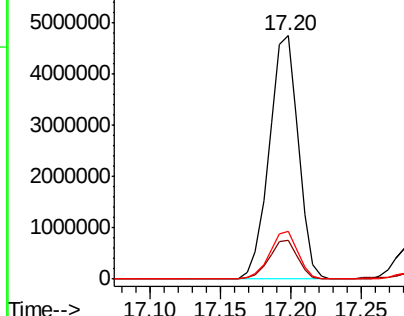


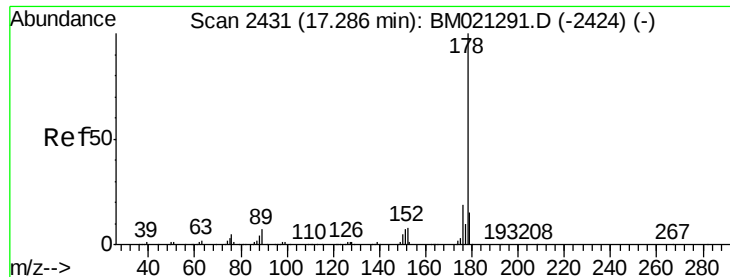
Abundance

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





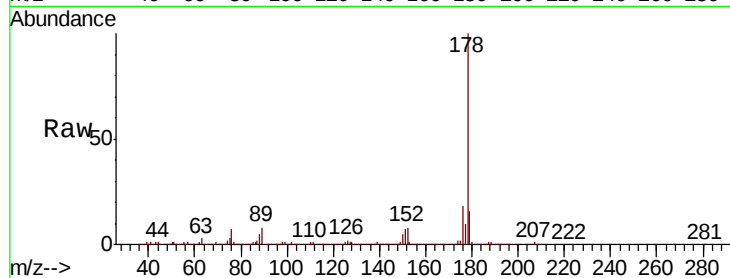
#71
 Anthracene
 Concen: 8.275 ng/ul
 RT: 17.28 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BM021292.D
 Acq: 30 Jun 2019 11:08

Instrument :
 BNA_M
 ClientSampleId :
 C5BB0

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.5	18.7
176	17.8	14.6	21.8

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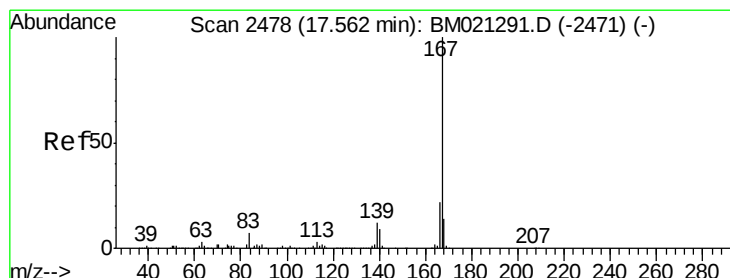
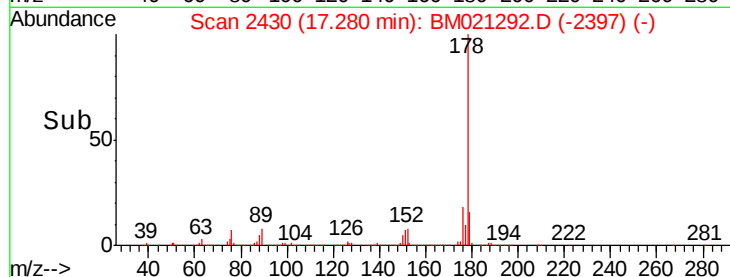
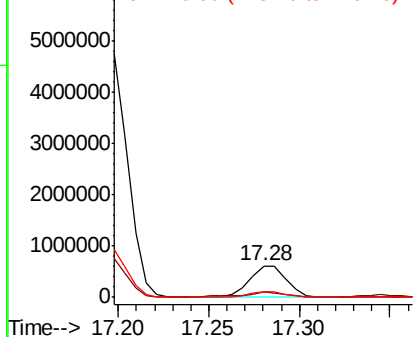


Abundance

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



#74
 Carbazole
 Concen: 6.323 ng/ul
 RT: 17.56 min Scan# 2477
 Delta R.T. -0.01 min
 Lab File: BM021292.D
 Acq: 30 Jun 2019 11:08

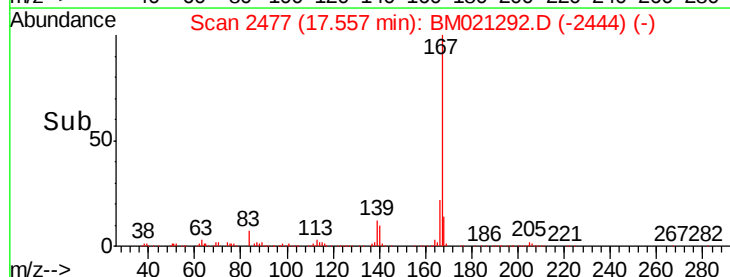
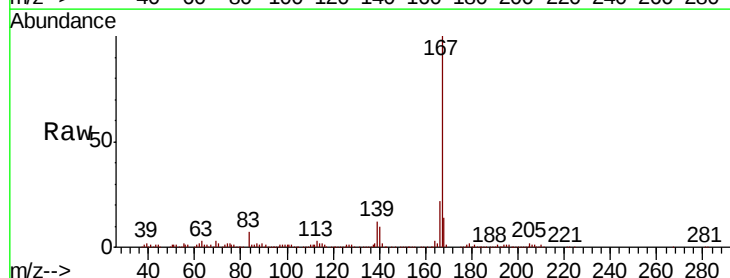
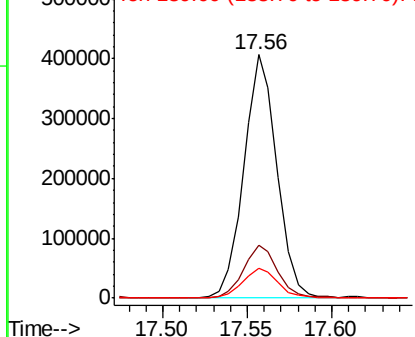
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.2
139	12.3	9.8	14.6

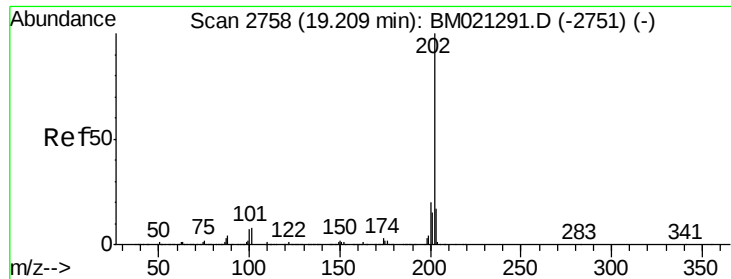
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





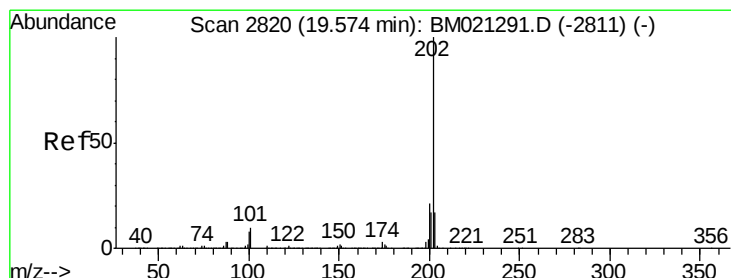
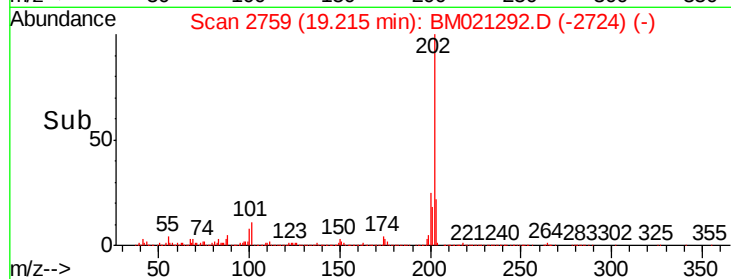
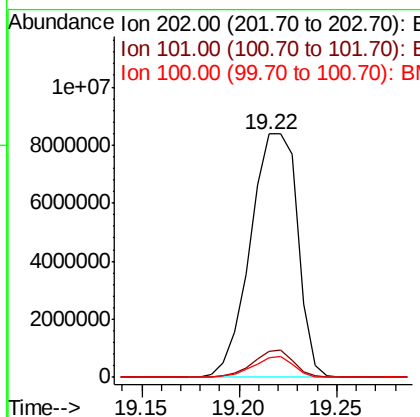
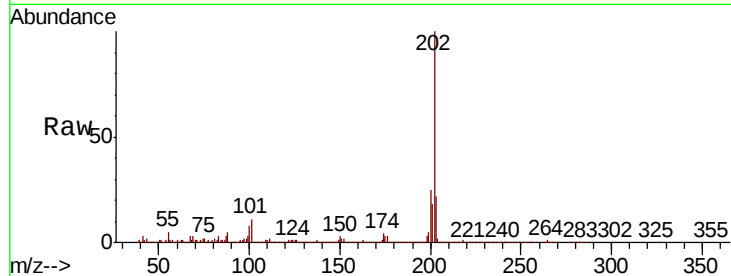
#76
 Fluoranthene
 Concen: 125.273 ng/ul
 RT: 19.22 min Scan# 2759
 Delta R.T. 0.01 min
 Lab File: BM021292.D
 Acq: 30 Jun 2019 11:08

Instrument :
 BNA_M
 ClientSampled :
 C5BB0

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.7	6.7	10.1
100	8.2	5.5	8.3

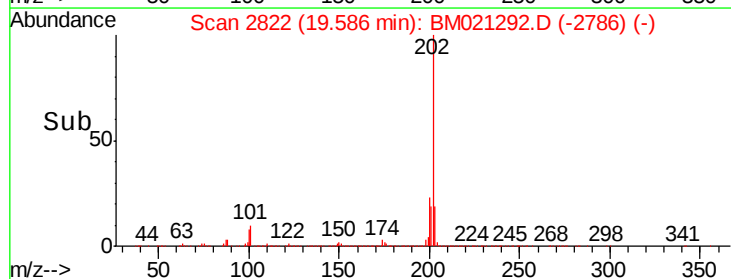
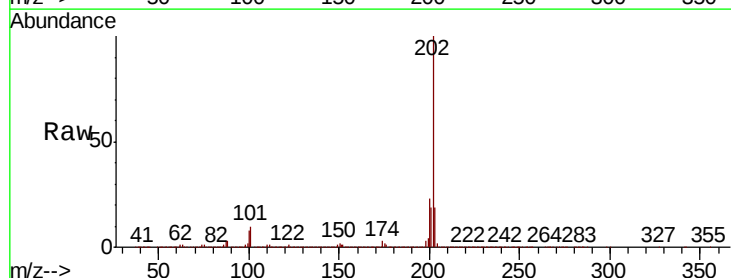
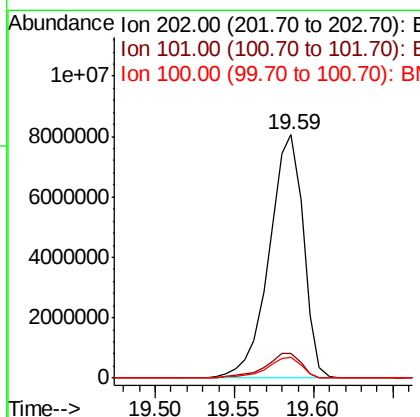
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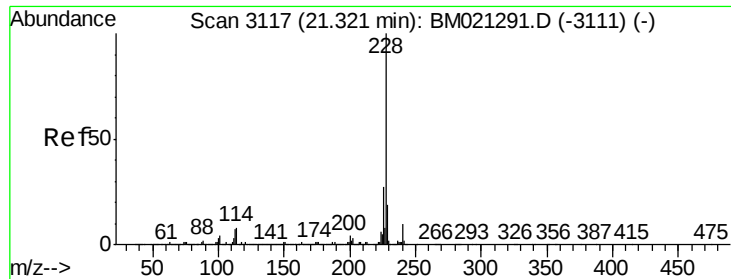
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#79
 Pyrene
 Concen: 124.497 ng/ul
 RT: 19.59 min Scan# 2822
 Delta R.T. 0.01 min
 Lab File: BM021292.D
 Acq: 30 Jun 2019 11:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.1	12.1
100	8.4	6.6	10.0





#82

Benzo(a)anthracene

Concen: 59.266 ng/ul

RT: 21.33 min Scan# 3118

Delta R.T. 0.01 min

Lab File: BM021292.D

Acq: 30 Jun 2019 11:08

Instrument :

BNA_M

ClientSampled :

C5BB0

Tot Ion:228 Resp: 5542139

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.8	23.8
226	28.7	21.4	32.2

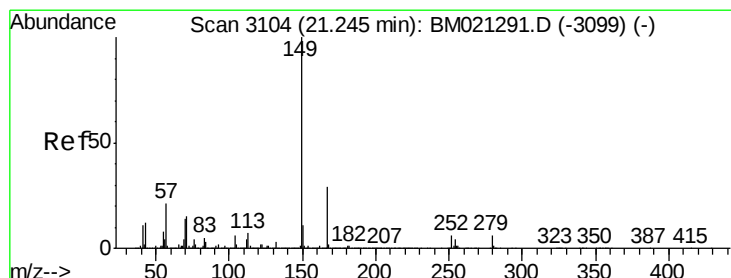
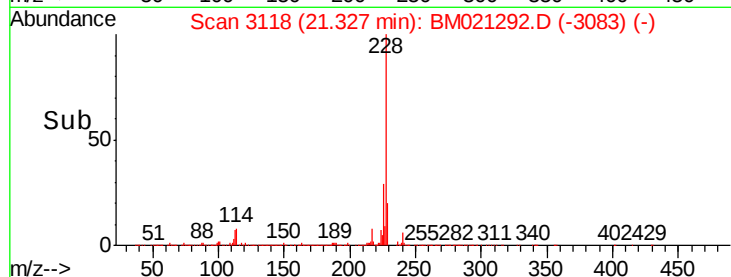
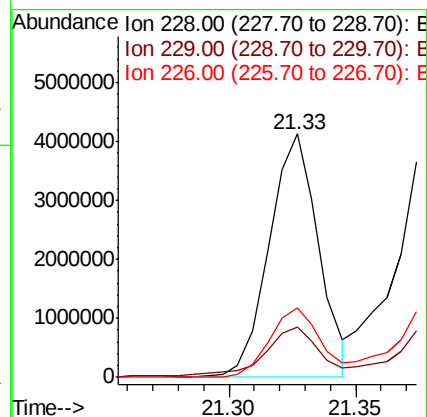
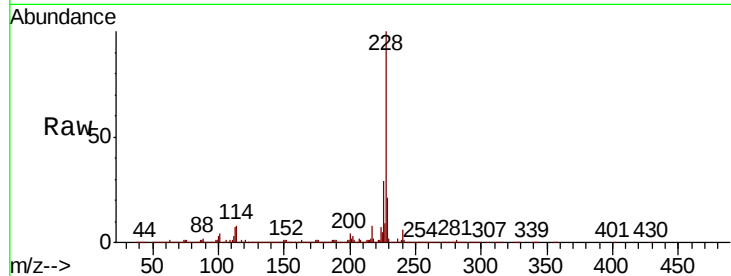
228 100

229 20.7 15.8 23.8

226 28.7 21.4 32.2

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#83

Bis(2-ethylhexyl)phthalate

Concen: 4.358 ng/ul

RT: 21.24 min Scan# 3104

Delta R.T. 0.01 min

Lab File: BM021292.D

Acq: 30 Jun 2019 11:08

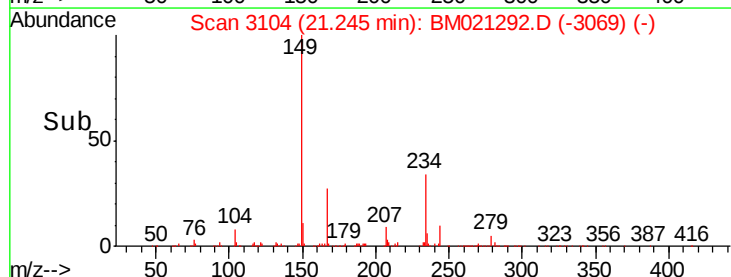
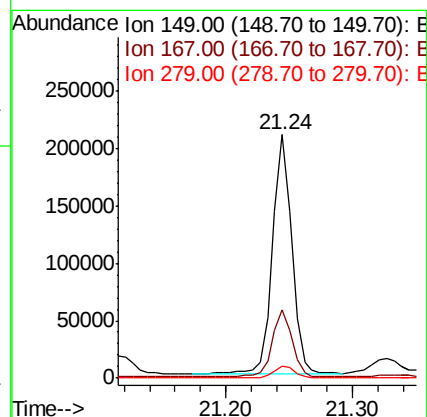
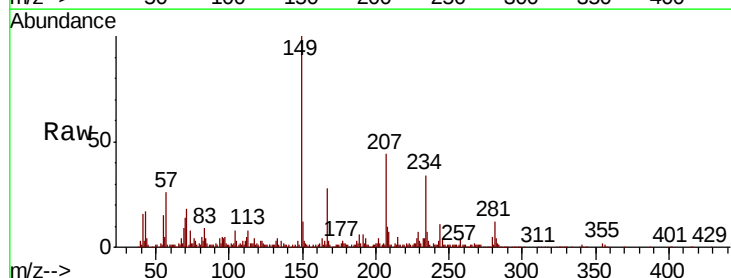
Tgt Ion:149 Resp: 222721

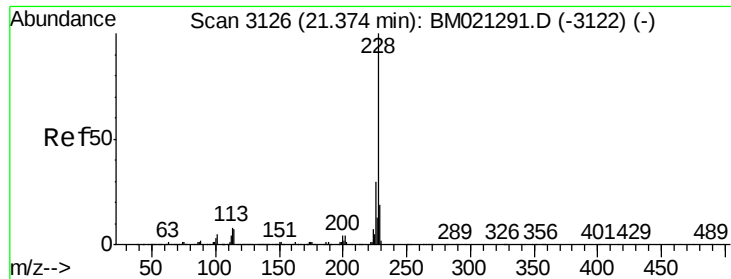
Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.3	33.5
279	5.1	3.8	5.6

149 100

167 28.0 22.3 33.5

279 5.1 3.8 5.6





#84

Chrysene

Concen: 79.825 ng/ul

RT: 21.38 min Scan# 3127

Delta R.T. 0.01 min

Lab File: BM021292.D

Acq: 30 Jun 2019 11:08

Instrument :

BNA_M

ClientSampleId :

C5BB0

Tot Ion:228 Resp: 6991159

Ion Ratio Lower Upper

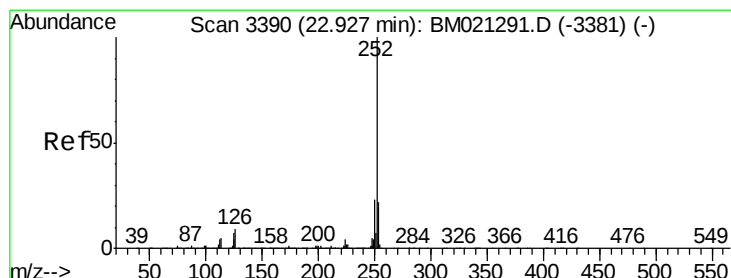
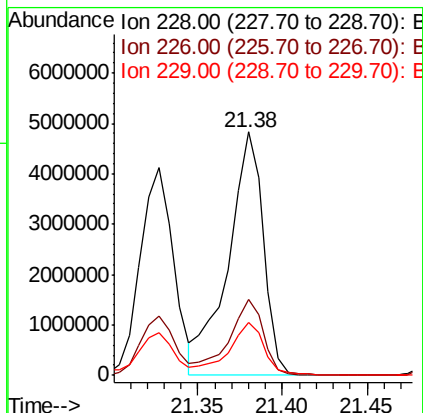
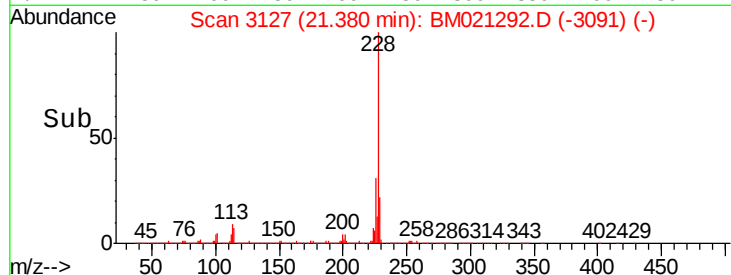
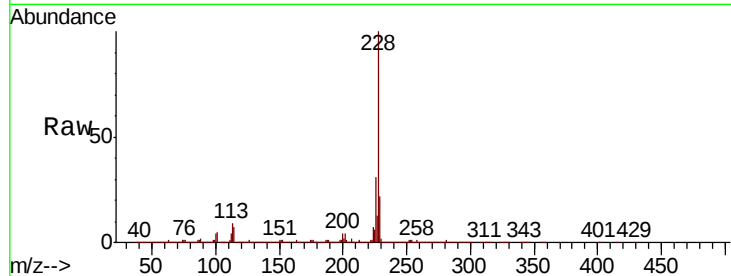
228 100

226 31.3 23.9 35.9

229 21.7 15.4 23.2

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#87

Benzo(b)fluoranthene

Concen: 101.161 ng/ul

RT: 22.94 min Scan# 3393

Delta R.T. 0.02 min

Lab File: BM021292.D

Acq: 30 Jun 2019 11:08

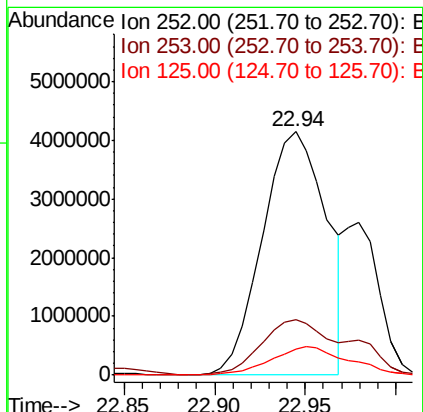
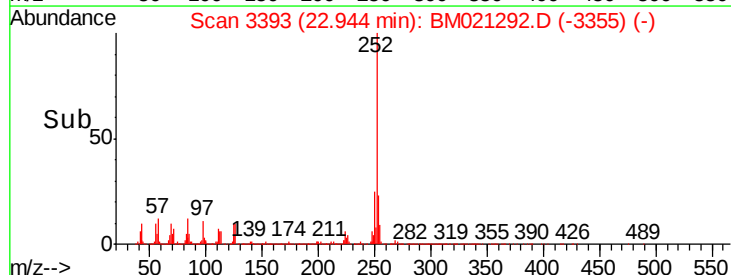
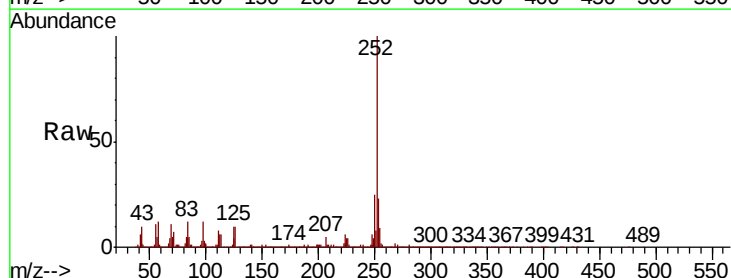
Tgt Ion:252 Resp:10222183

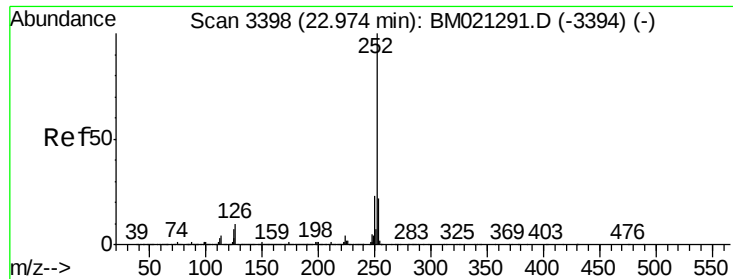
Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

125 10.5 6.3 9.5#





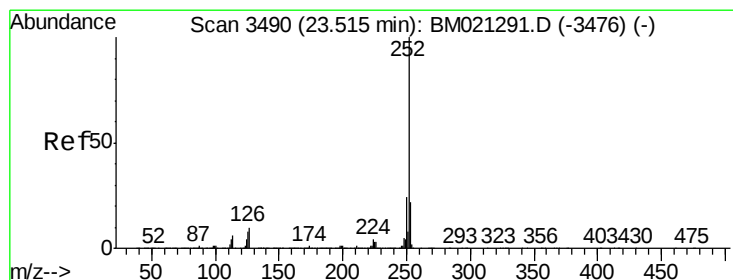
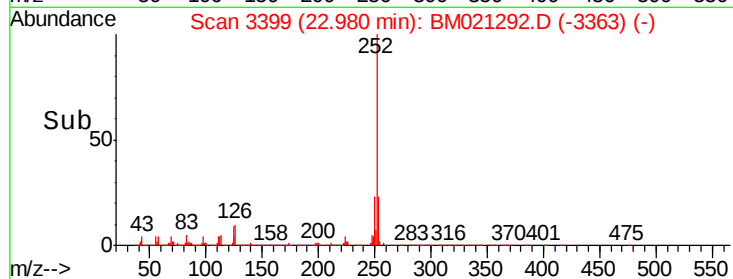
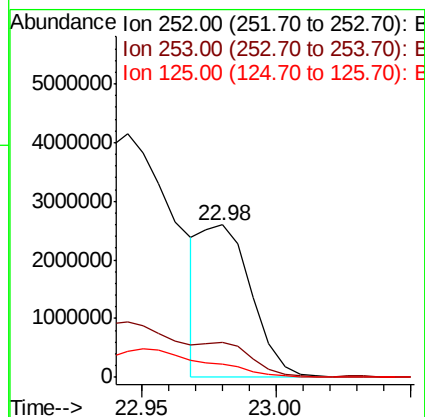
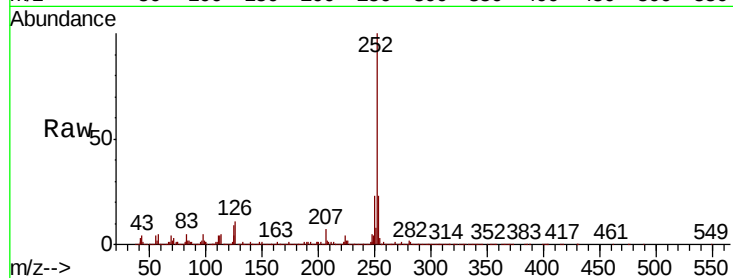
#88
Benzo(k)fluoranthene
Concen: 34.892 ng/ul m
RT: 22.98 min Scan# 3399
Delta R.T. 0.01 min
Lab File: BM021292.D
Acq: 30 Jun 2019 11:08

Instrument :
BNA_M
ClientSampled :
C5BB0

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	8.7	6.6	9.8

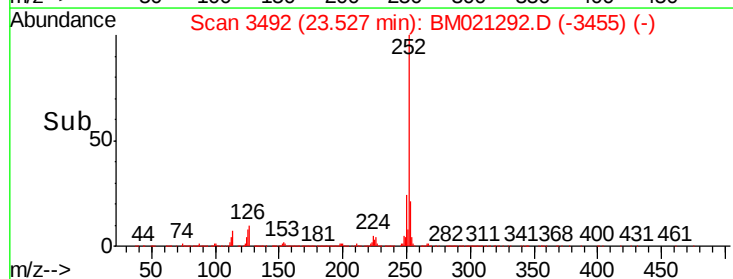
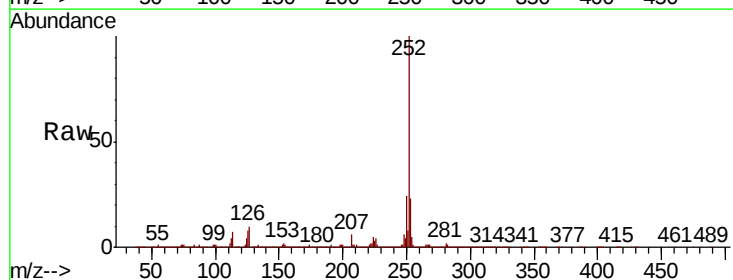
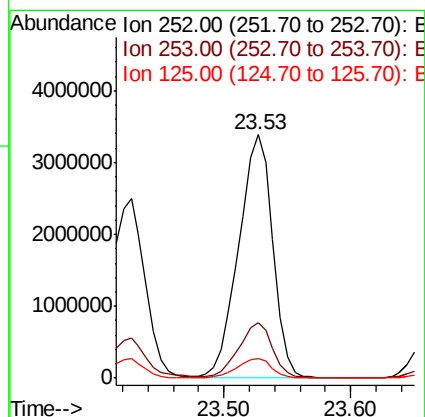
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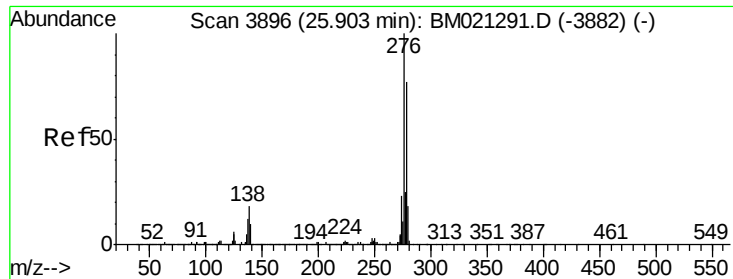
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#90
Benzo(a)pyrene
Concen: 66.015 ng/ul
RT: 23.53 min Scan# 3492
Delta R.T. 0.02 min
Lab File: BM021292.D
Acq: 30 Jun 2019 11:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	8.0	7.2	10.8





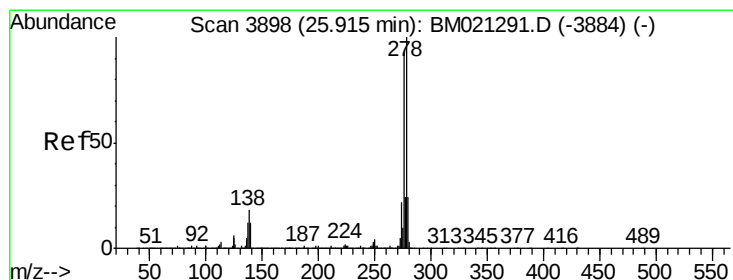
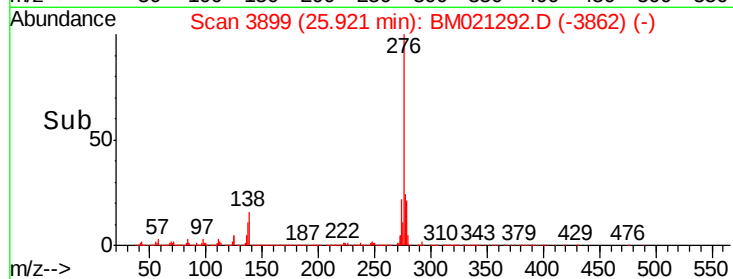
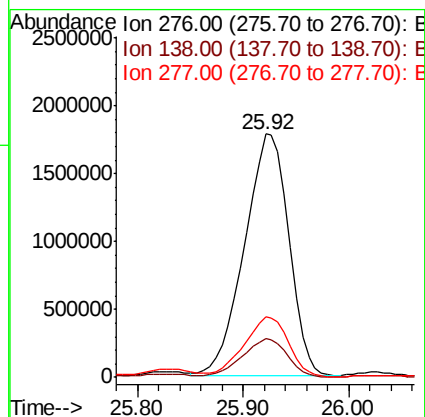
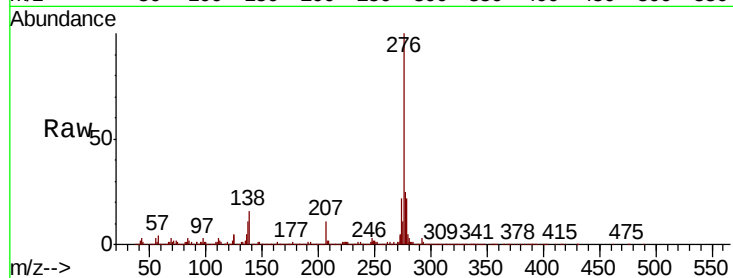
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 46.532 ng/ul
 RT: 25.92 min Scan# 3899
 Delta R.T. 0.02 min
 Lab File: BM021292.D
 Acq: 30 Jun 2019 11:08

Instrument :
 BNA_M
 ClientSampleId :
 C5BB0

Tot Ion:276 Resp: 5211350
 Ion Ratio Lower Upper
 276 100
 138 15.7 15.9 23.9#
 277 24.6 20.4 30.6

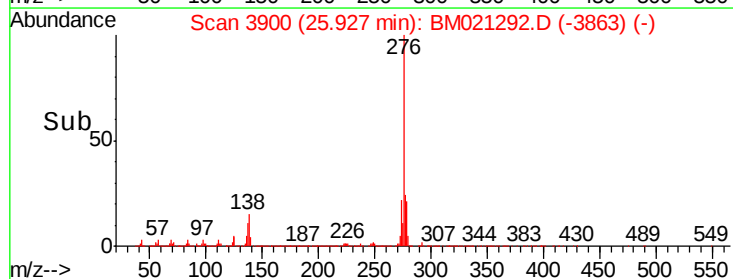
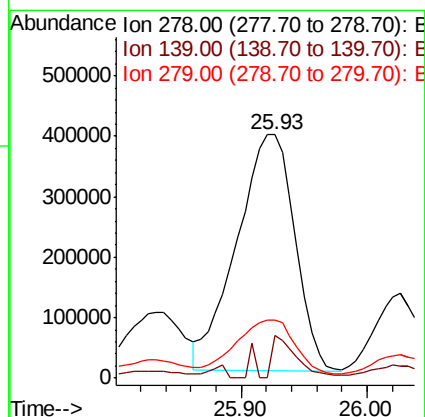
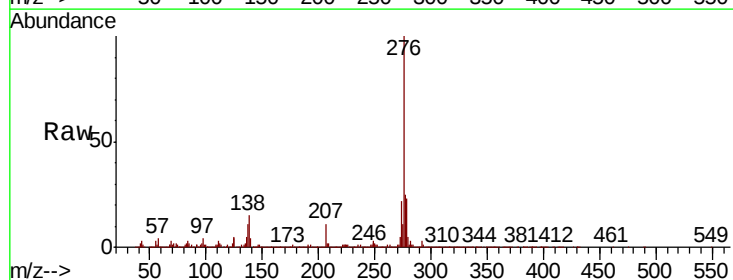
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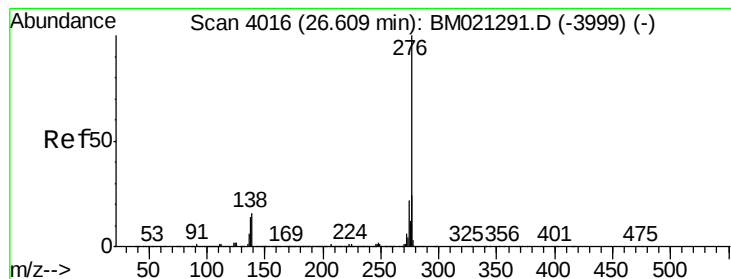
mohammad
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#92
 Dibenzo(a,h)anthracene
 Concen: 13.317 ng/ul m
 RT: 25.93 min Scan# 3900
 Delta R.T. 0.02 min
 Lab File: BM021292.D
 Acq: 30 Jun 2019 11:08

Tgt Ion:278 Resp: 1254664
 Ion Ratio Lower Upper
 278 100
 139 17.4 10.6 15.8#
 279 23.7 19.0 28.4





#93

Benzo(a,h,i)perylene

Concen: 50.725 ng/ul

RT: 26.64 min Scan# 4021

Delta R.T. 0.04 min

Lab File: BM021292.D

Acq: 30 Jun 2019 11:08

Instrument :

BNA_M

ClientSampleId :

C5BB0

Tot Ion: 276 Resp: 4678844

Ion Ratio Lower Upper

276 100

138 15.7 14.6 21.8

277 24.7 18.9 28.3

Manual Integrations
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