

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
 Data File : BM020506.D
 Acq On : 23 May 2019 00:01
 Operator : JU/SJ
 Sample : K2927-22
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 23 07:46:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration

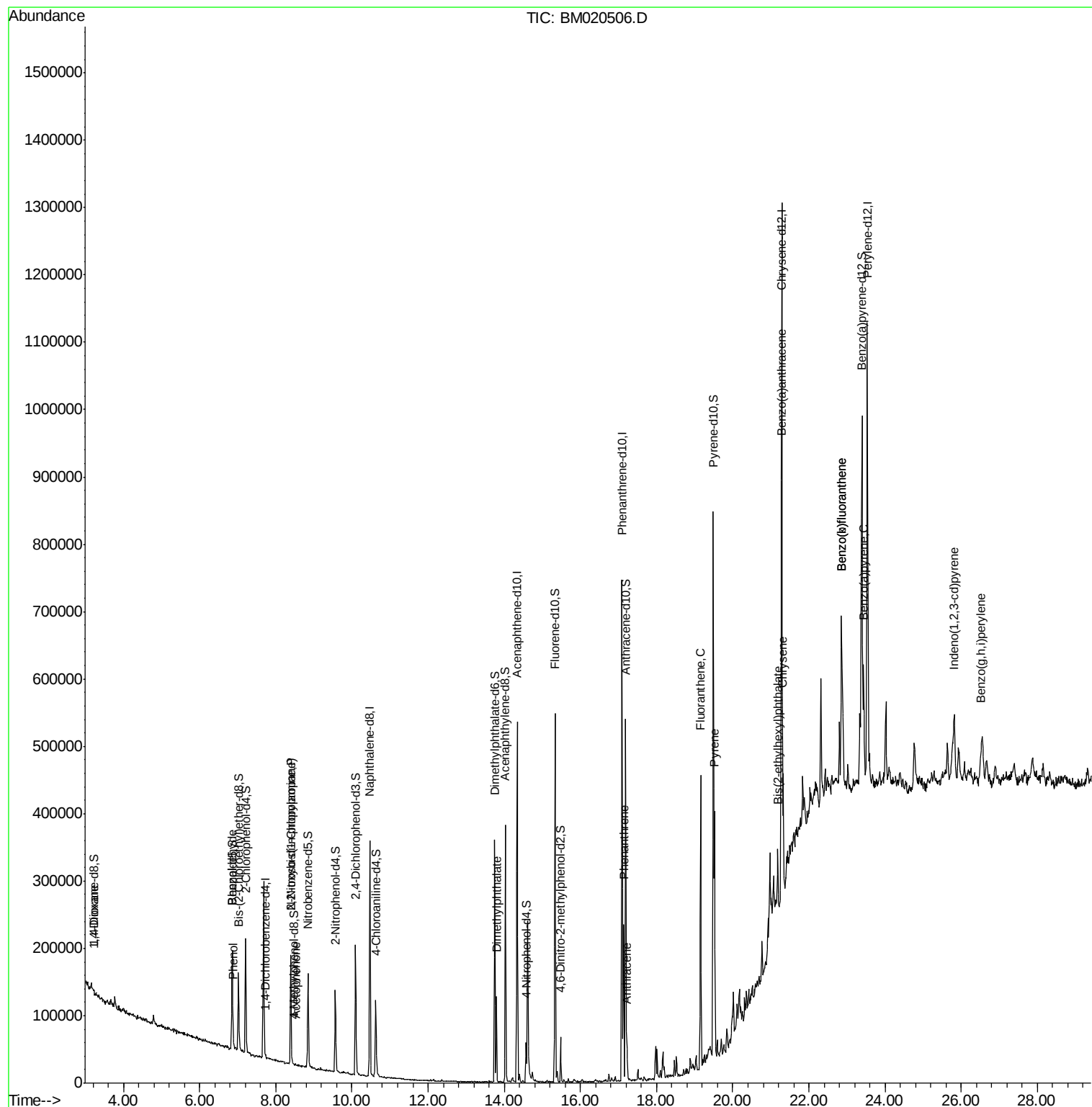
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	349	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	275154	20.00	ng/ul	-0.05
35) Acenaphthene-d10	14.34	164	169689	20.00	ng/ul	-0.04
61) Phenanthrene-d10	17.09	188	423817	20.00	ng/ul	-0.04
77) Chrysene-d12	21.29	240	445846	20.00	ng/ul	-0.04
85) Perylene-d12	23.54	264	534971	20.00	ng/ul	-0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	274	28.97	ng/uL	0.00
5) Phenol-d5	6.85	99	92291	3314.89	ng/ul	-0.04
7) Bis-(2-Chloroethyl)ether-d	7.02	67	61708	3486.37	ng/ul	-0.05
9) 2-Chlorophenol-d4	7.21	132	72336	3542.49	ng/ul	-0.05
13) 4-Methylphenol-d8	8.48	113	558	27.52	ng/ul	0.05
19) Nitrobenzene-d5	8.85	128	32057	17.91	ng/ul	-0.04
22) 2-Nitrophenol-d4	9.56	143	37354	18.92	ng/ul	-0.05
26) 2,4-Dichlorophenol-d3	10.10	165	72842	17.45	ng/ul	-0.04
29) 4-Chloroaniline-d4	10.62	131	65299	15.14	ng/ul	-0.05
43) Dimethylphthalate-d6	13.75	166	222223	18.20	ng/ul	-0.04
46) Acenaphthylene-d8	14.03	160	269346	17.64	ng/ul	-0.04
51) 4-Nitrophenol-d4	14.57	143	14625	8.25	ng/ul	-0.02
57) Fluorene-d10	15.33	176	202194	18.62	ng/ul	-0.04
62) 4,6-Dinitro-2-methylphenol	15.48	200	13917	5.76	ng/ul	-0.04
70) Anthracene-d10	17.19	188	309848	17.04	ng/ul	-0.04
78) Pyrene-d10	19.49	212	372864	17.36	ng/ul	-0.04
89) Benzo(a)pyrene-d12	23.39	264	397596	16.35	ng/ul	-0.06
Target Compounds				Ovalue		
2) 1,4-Dioxane	3.24	88	271	27.462	ng/uL#	9
4) Benzaldehyde	6.85	77	344	14.423	ng/ul#	8
6) Phenol	6.88	94	5139	175.465	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.39	45	350	23.254	ng/ul#	44
14) Acetophenone	8.52	105	813	23.486	ng/ul#	64
15) N-Nitroso-di-n-propylamine	8.39	70	1866	94.461	ng/ul#	1
44) Dimethylphthalate	13.80	163	76486	6.333	ng/ul#	99
69) Phenanthrene	17.13	178	136703	6.770	ng/ul	98
71) Anthracene	17.23	178	29843	1.453	ng/ul	99
76) Fluoranthene	19.16	202	260429	10.209	ng/ul	98
79) Pyrene	19.52	202	213527	7.979	ng/ul	100
82) Benzo(a)anthracene	21.27	228	129213	4.815	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.19	149	25401	2.086	ng/ul#	95
84) Chrysene	21.32	228	123582	4.819	ng/ul	96
87) Benzo(b)fluoranthene	22.86	252	182527	5.978	ng/ul#	96
88) Benzo(k)fluoranthene	22.86	252	182527	6.086	ng/ul#	97
90) Benzo(a)pyrene	23.44	252	117861	4.102	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.81	276	91993	2.810	ng/ul#	96
93) Benzo(g,h,i)perylene	26.51	276	62749	2.315	ng/ul#	93

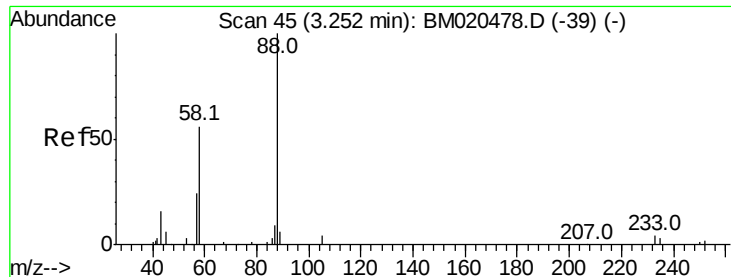
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 27.462 ng/uL

RT: 3.24 min Scan# 43

Delta R.T. -0.01 min

Lab File: BM020506.D

Acq: 23 May 2019 00:01

Instrument :

BNA_M

ClientSampleId :

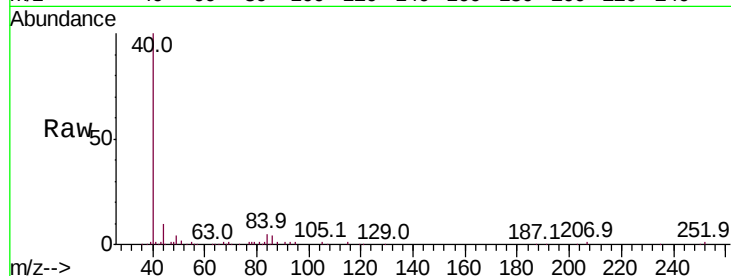
Tot Ion: 88 Resp: 271

Ion Ratio Lower Upper

88 100

43 88.2 21.4 32.2#

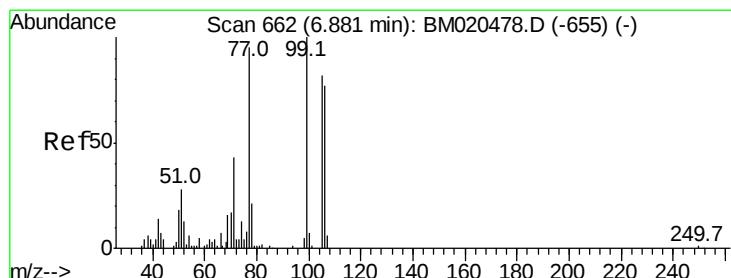
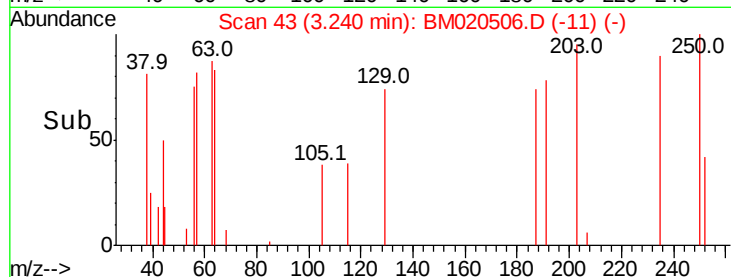
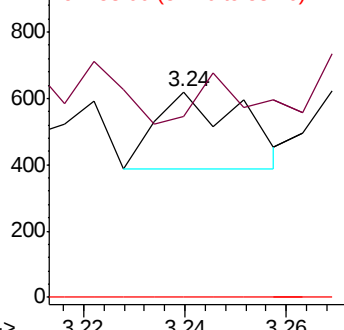
58 0.0 45.1 67.7#



Abundance Ion 88.00 (87.70 to 88.70): BM020478.D (-39) (-)

Ion 43.00 (42.70 to 43.70): BM020478.D (-39) (-)

Ion 58.00 (57.70 to 58.70): BM020478.D (-39) (-)



#4

Benzaldehyde

Concen: 14.423 ng/uL

RT: 6.85 min Scan# 657

Delta R.T. -0.03 min

Lab File: BM020506.D

Acq: 23 May 2019 00:01

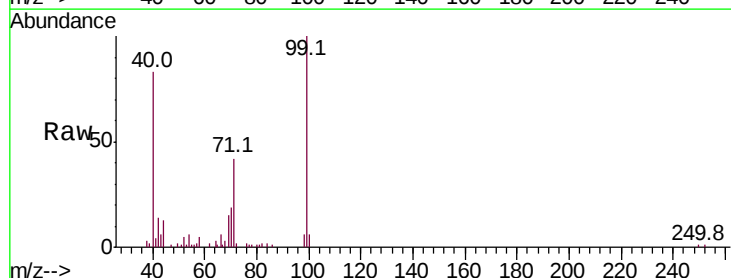
Tgt Ion: 77 Resp: 344

Ion Ratio Lower Upper

77 100

105 0.0 67.4 101.0#

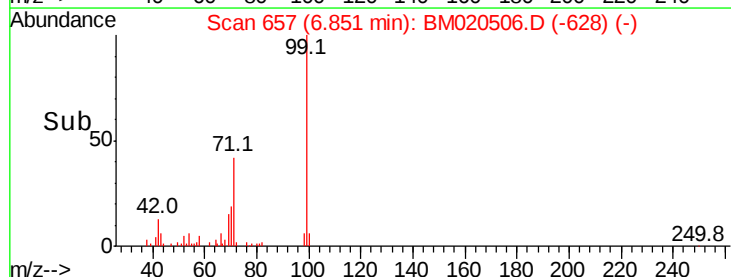
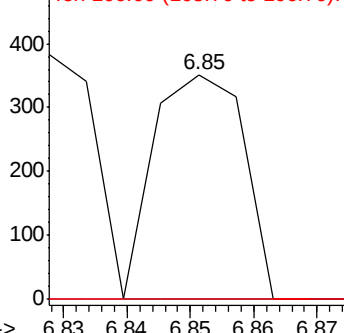
106 0.0 64.8 97.2#

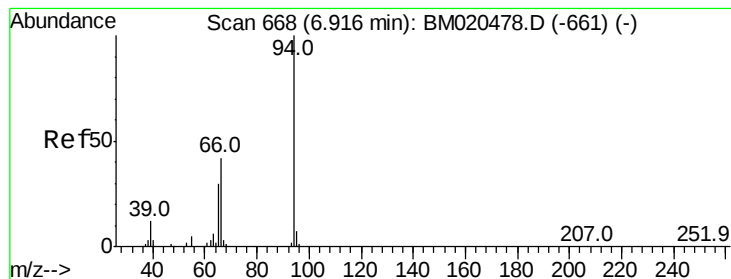


Abundance Ion 77.00 (76.70 to 77.70): BM020478.D (-655) (-)

Ion 105.00 (104.70 to 105.70): BM020478.D (-655) (-)

Ion 106.00 (105.70 to 106.70): BM020478.D (-655) (-)





#6

Phenol

Concen: 175.465 ng/ul

RT: 6.88 min Scan# 662

Delta R.T. -0.04 min

Lab File: BM020506.D

Acq: 23 May 2019 00:01

Instrument :

BNA_M

ClientSampleId :

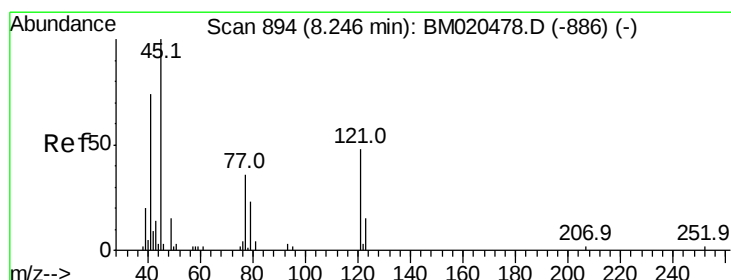
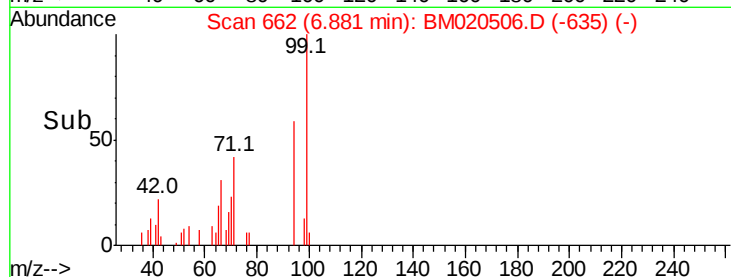
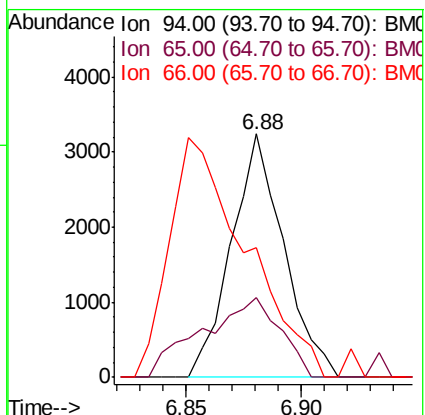
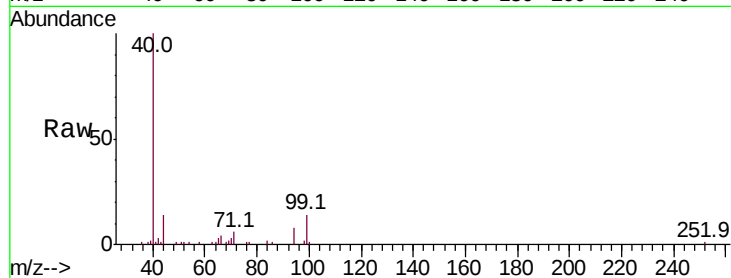
Tot Ion: 94 Resp: 5139

Ion Ratio Lower Upper

94 100

65 32.9 25.4 38.0

66 53.3 36.5 54.7



#12

2,2'-oxybis(1-Chloropropane)

Concen: 23.254 ng/ul

RT: 8.39 min Scan# 919

Delta R.T. 0.13 min

Lab File: BM020506.D

Acq: 23 May 2019 00:01

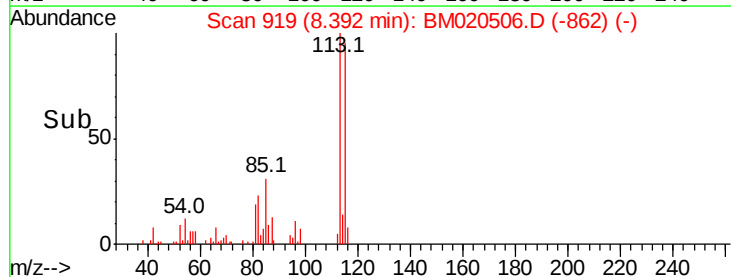
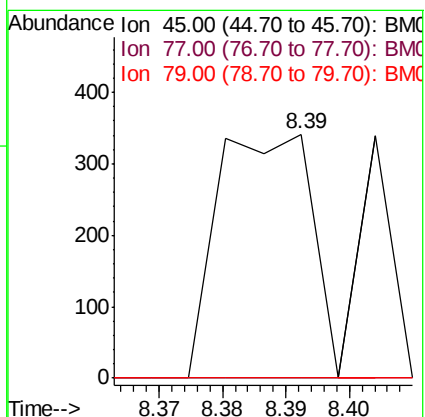
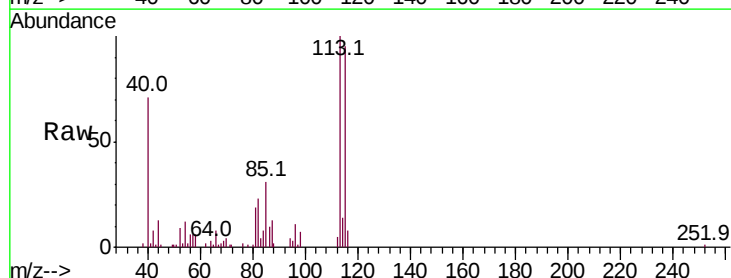
Tgt Ion: 45 Resp: 350

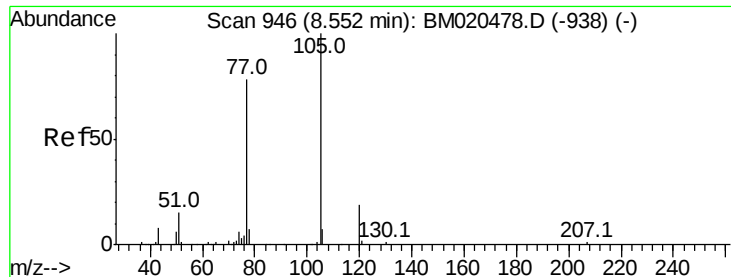
Ion Ratio Lower Upper

45 100

77 0.0 27.6 41.4#

79 0.0 20.5 30.7#

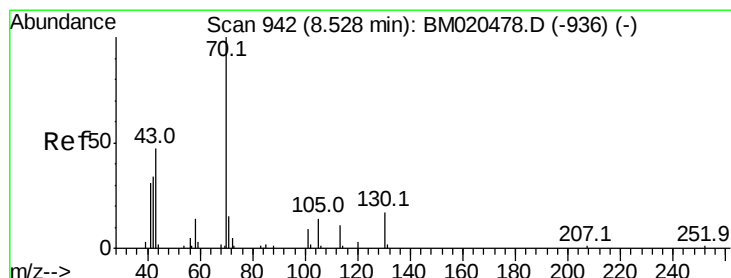
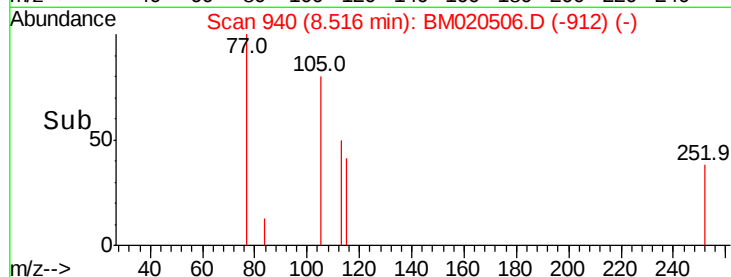
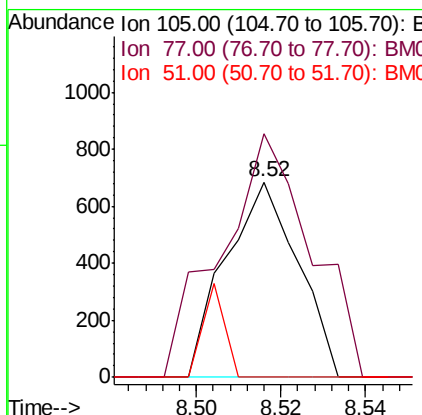
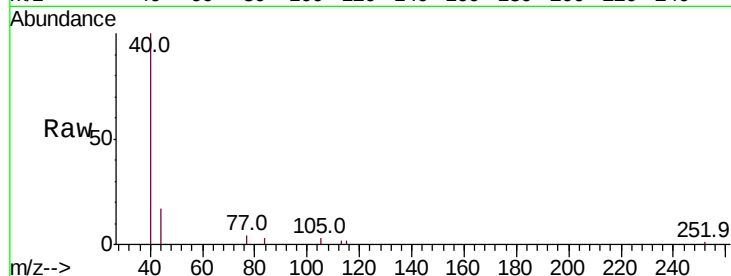




#14
Acetophenone
Concen: 23.486 ng/ul
RT: 8.52 min Scan# 940
Delta R.T. -0.04 min
Lab File: BM020506.D
Acq: 23 May 2019 00:01

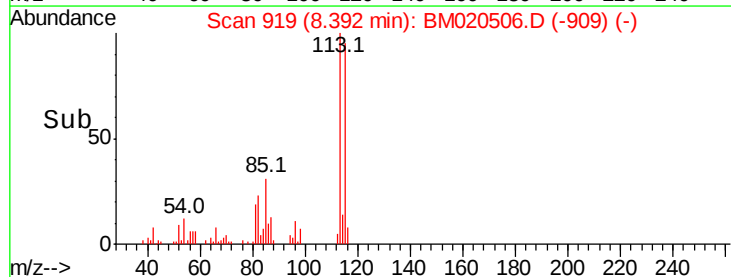
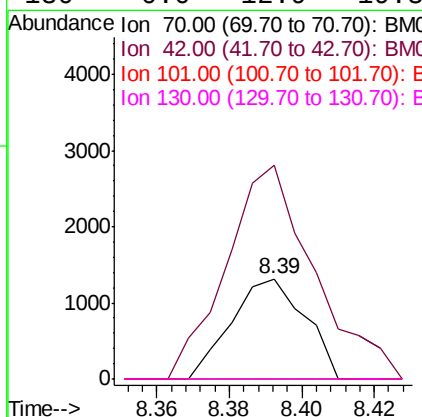
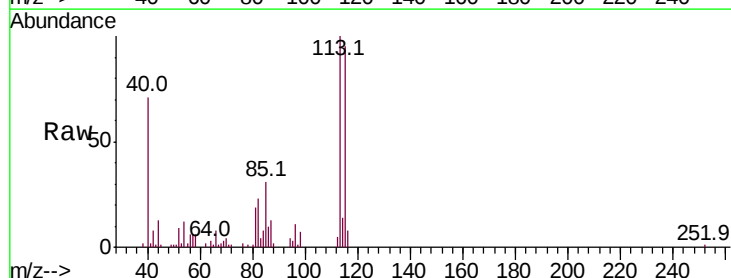
Instrument :
BNA_M
ClientSampled :

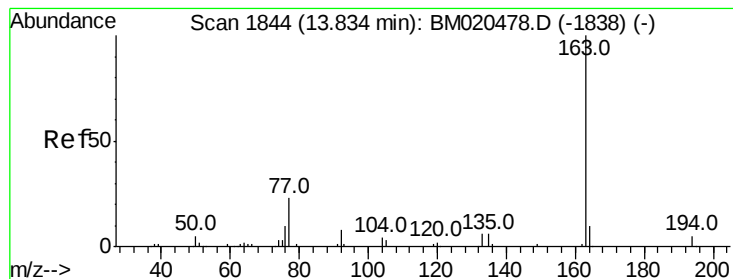
Tot Ion:105 Resp: 813
Ion Ratio Lower Upper
105 100
77 124.7 74.0 111.0#
51 0.0 16.5 24.7#



#15
N-Nitroso-di-n-propylamine
Concen: 94.461 ng/ul
RT: 8.39 min Scan# 919
Delta R.T. -0.14 min
Lab File: BM020506.D
Acq: 23 May 2019 00:01

Tgt Ion: 70 Resp: 1866
Ion Ratio Lower Upper
70 100
42 212.5 26.5 39.7#
101 0.0 7.2 10.8#
130 0.0 12.9 19.3#





#44

Dimethylphthalate

Concen: 6.333 ng/ul

RT: 13.80 min Scan# 1838

Delta R.T. -0.04 min

Lab File: BM020506.D

Acq: 23 May 2019 00:01

Instrument :

BNA_M

ClientSampleId :

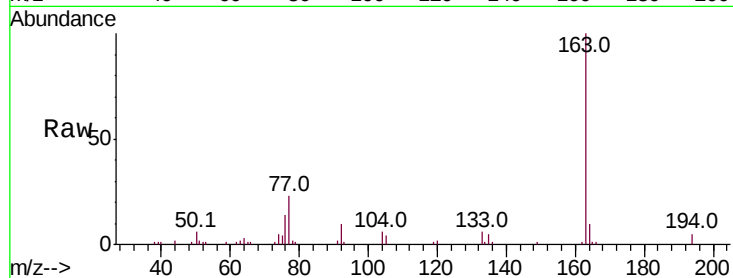
Tot Ion:163 Resp: 76486

Ion Ratio Lower Upper

163 100

194 5.0 3.3 4.9#

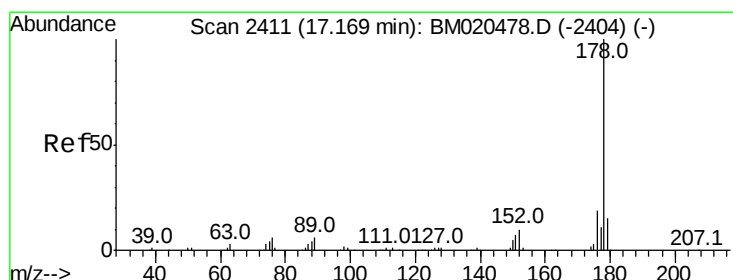
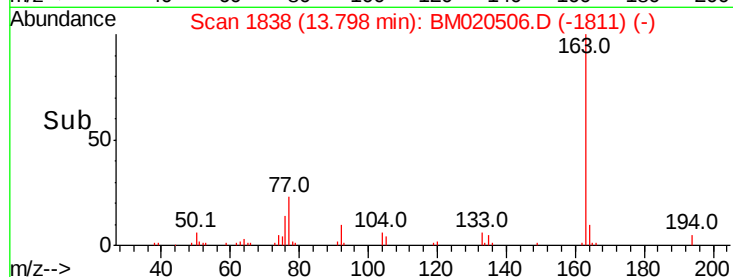
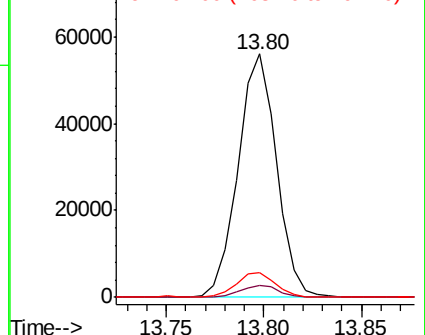
164 10.0 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69

Phenanthrene

Concen: 6.770 ng/ul

RT: 17.13 min Scan# 2405

Delta R.T. -0.04 min

Lab File: BM020506.D

Acq: 23 May 2019 00:01

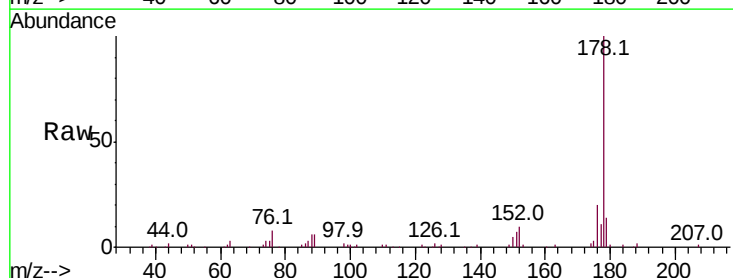
Tgt Ion:178 Resp: 136703

Ion Ratio Lower Upper

178 100

179 14.4 11.9 17.9

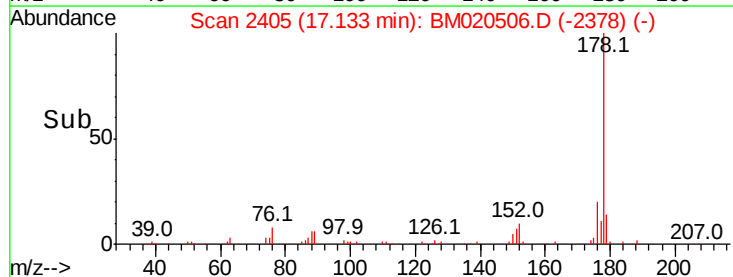
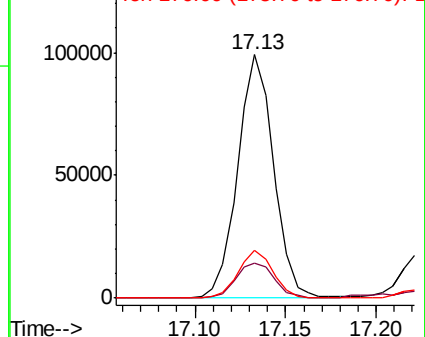
176 19.5 14.6 22.0

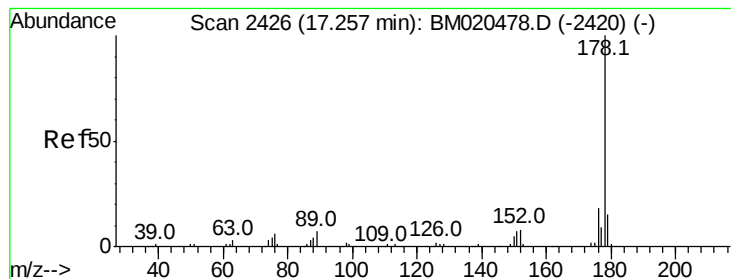


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 1.453 ng/ul

RT: 17.23 min Scan# 2421

Delta R.T. -0.04 min

Lab File: BM020506.D

Acq: 23 May 2019 00:01

Instrument :

BNA_M

ClientSampleId :

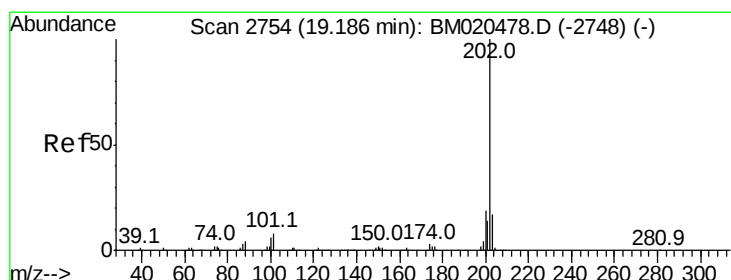
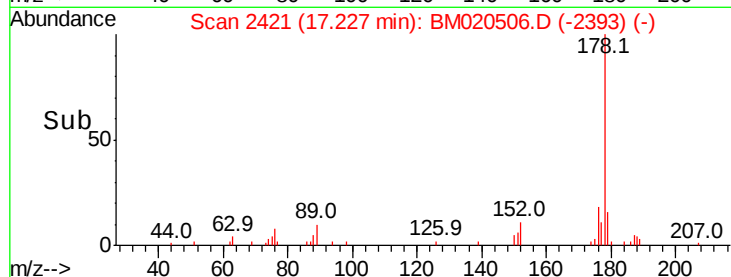
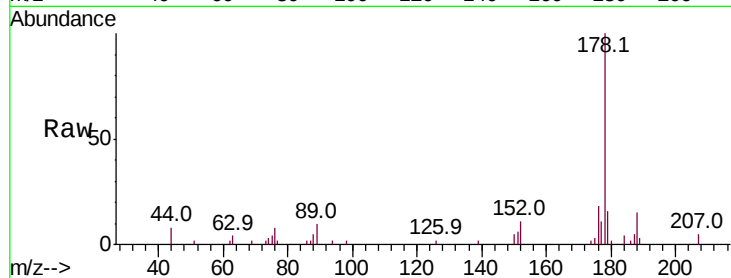
Tot Ion:178 Resp: 29843

Ion Ratio Lower Upper

178 100

179 16.4 12.4 18.6

176 17.8 14.4 21.6



#76

Fluoranthene

Concen: 10.209 ng/ul

RT: 19.16 min Scan# 2749

Delta R.T. -0.04 min

Lab File: BM020506.D

Acq: 23 May 2019 00:01

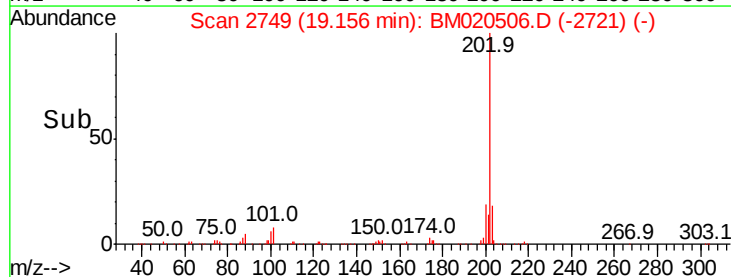
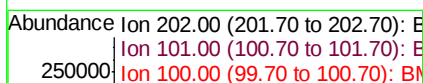
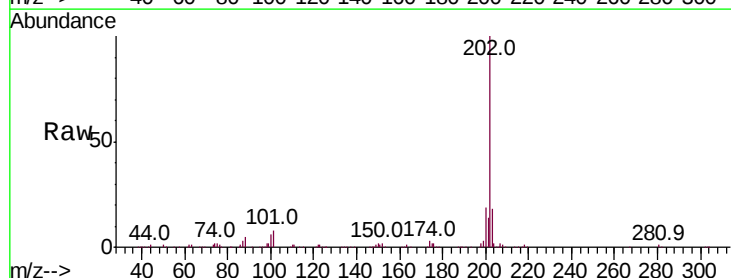
Tgt Ion:202 Resp: 260429

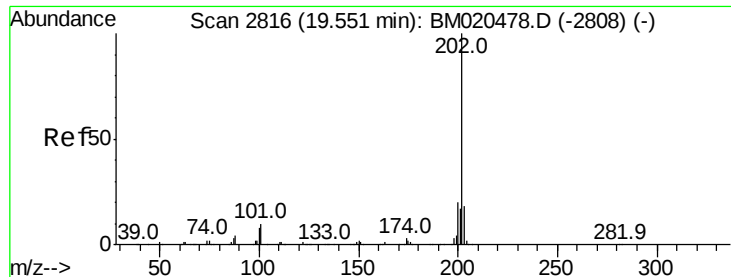
Ion Ratio Lower Upper

202 100

101 7.6 6.4 9.6

100 5.6 5.2 7.8

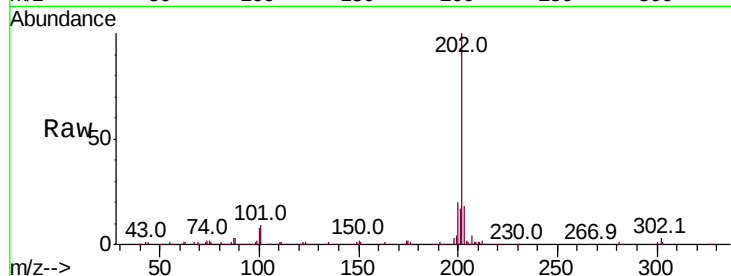




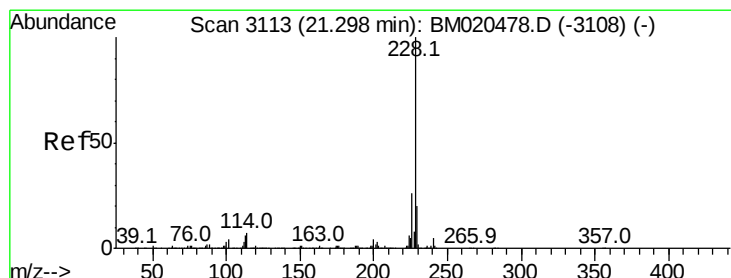
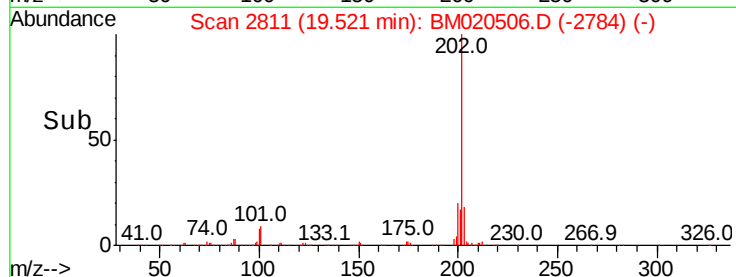
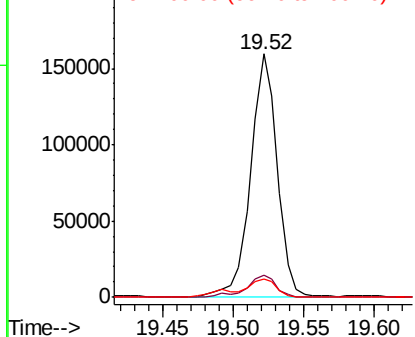
#79
Pvrene
Concen: 7.979 ng/ul
RT: 19.52 min Scan# 2811
Delta R.T. -0.04 min
Lab File: BM020506.D
Acq: 23 May 2019 00:01

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.1	10.7
100	7.7	5.9	8.9

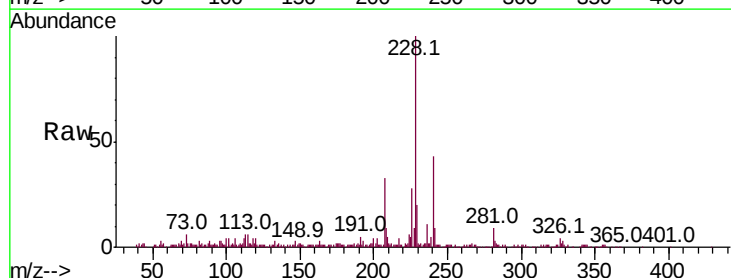


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

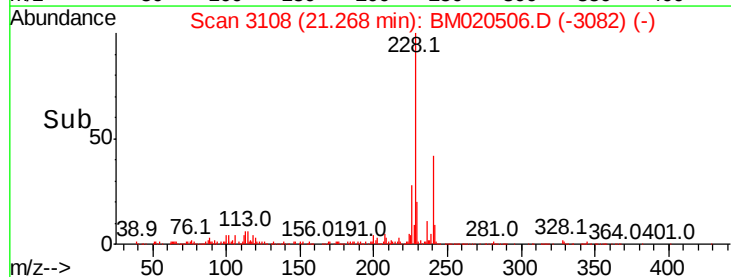
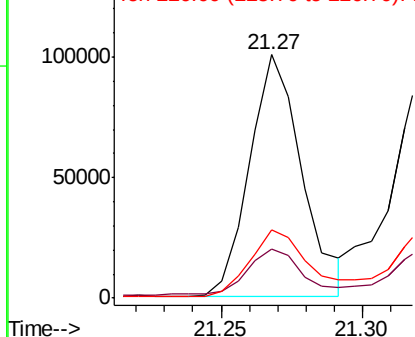


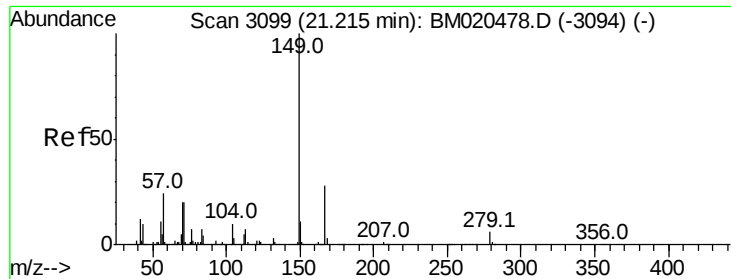
#82
Benzo(a)anthracene
Concen: 4.815 ng/ul
RT: 21.27 min Scan# 3108
Delta R.T. -0.05 min
Lab File: BM020506.D
Acq: 23 May 2019 00:01

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.8	23.8
226	28.2	20.6	30.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

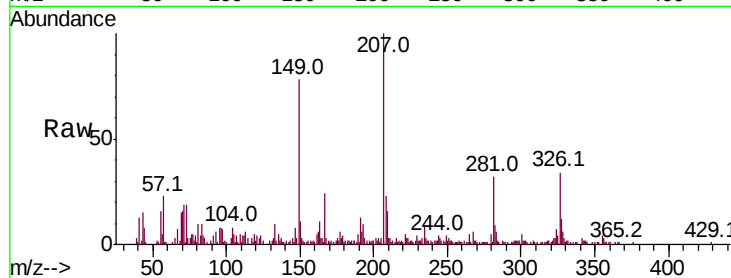




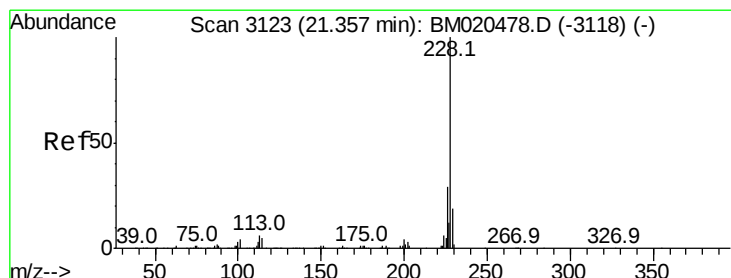
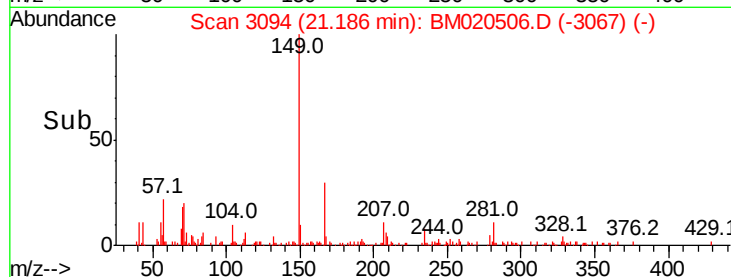
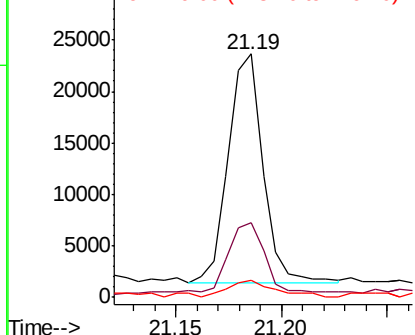
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.086 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. -0.04 min
Lab File: BM020506.D
Acq: 23 May 2019 00:01

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 25401
Ion Ratio Lower Upper
149 100
167 30.6 22.5 33.7
279 6.8 4.2 6.2#

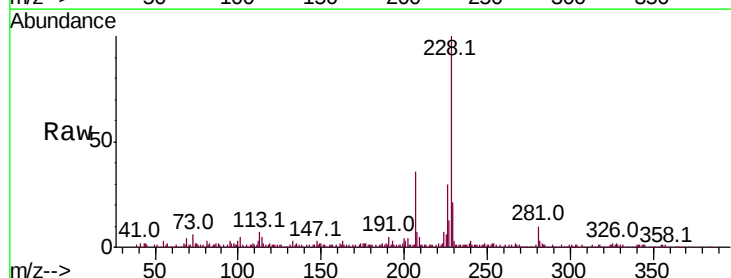


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

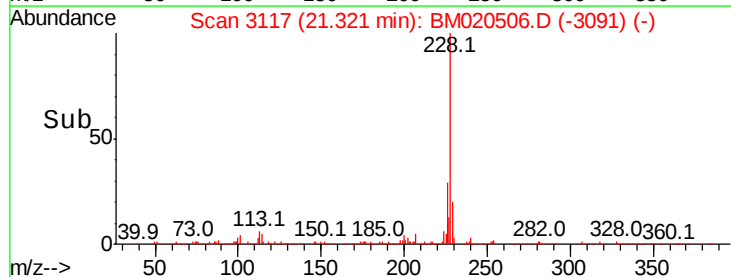
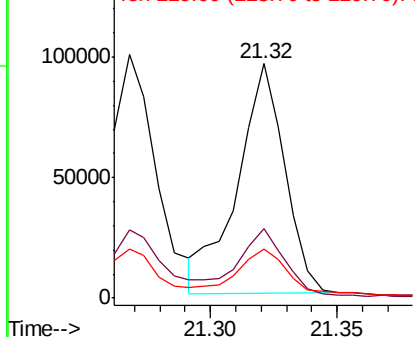


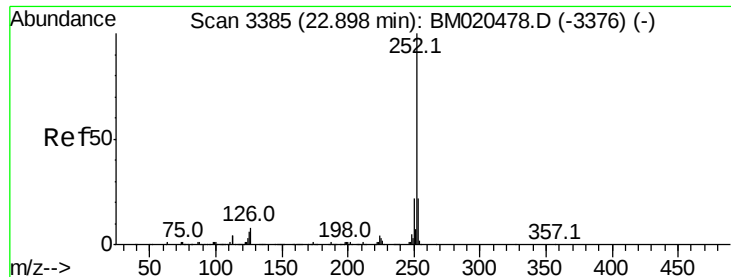
#84
Chrysene
Concen: 4.819 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. -0.05 min
Lab File: BM020506.D
Acq: 23 May 2019 00:01

Tgt Ion:228 Resp: 123582
Ion Ratio Lower Upper
228 100
226 29.6 22.2 33.4
229 21.0 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

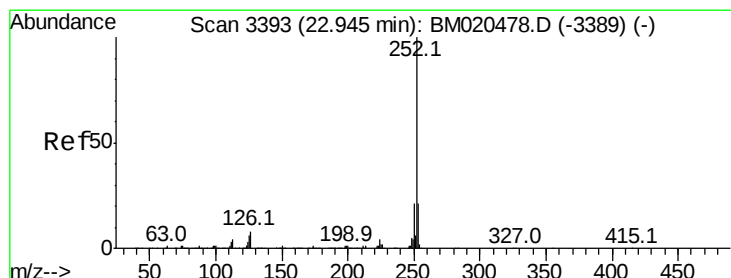
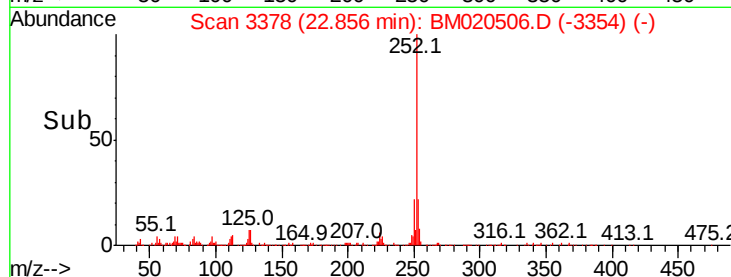
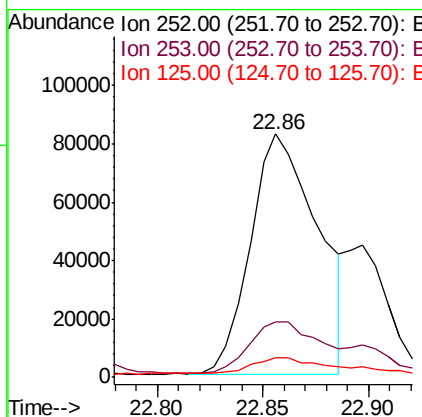
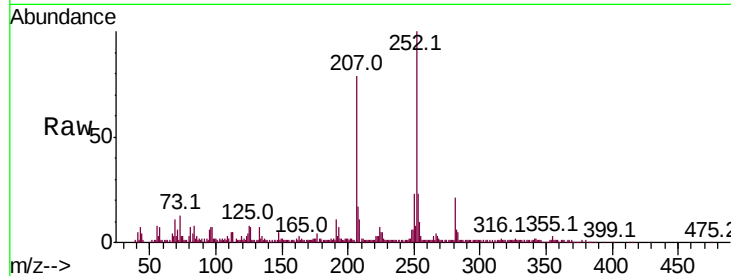




#87
Benzo(b)fluoranthene
Concen: 5.978 ng/ul
RT: 22.86 min Scan# 3378
Delta R.T. -0.06 min
Lab File: BM020506.D
Acq: 23 May 2019 00:01

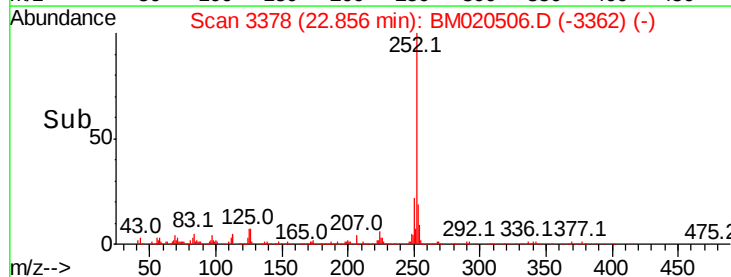
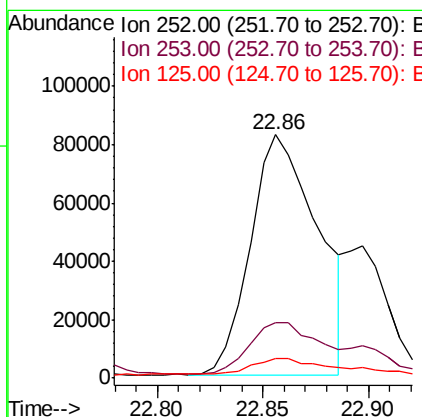
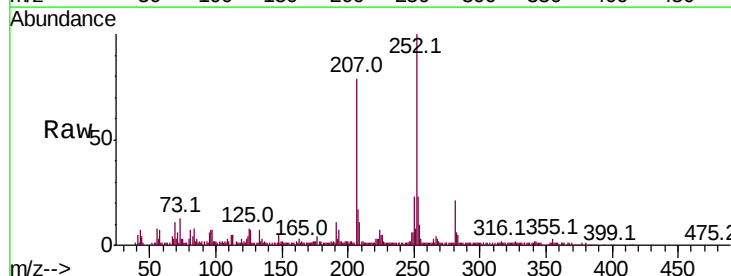
Instrument :
BNA_M
ClientSampleId :

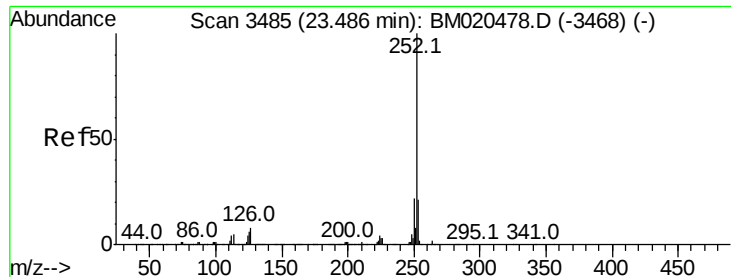
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	8.0	5.0	7.4#



#88
Benzo(k)fluoranthene
Concen: 6.086 ng/ul
RT: 22.86 min Scan# 3378
Delta R.T. -0.11 min
Lab File: BM020506.D
Acq: 23 May 2019 00:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	8.0	5.0	7.6#





#90

Benzo(a)pyrene

Concen: 4.102 ng/ul

RT: 23.44 min Scan# 3477

Delta R.T. -0.06 min

Lab File: BM020506.D

Acq: 23 May 2019 00:01

Instrument :

BNA_M

ClientSampleId :

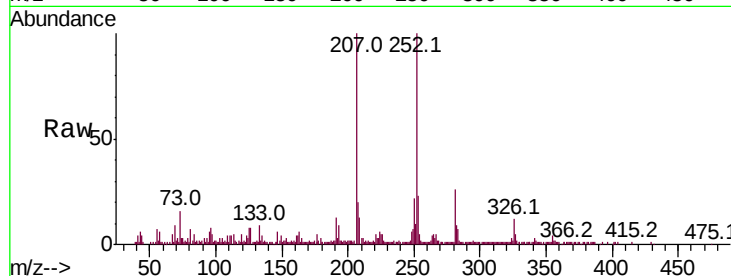
Tot Ion:252 Resp: 117861

Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.2

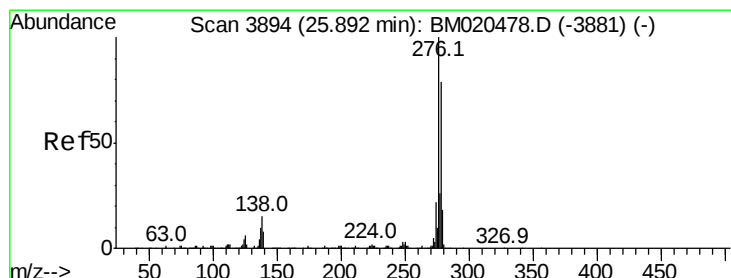
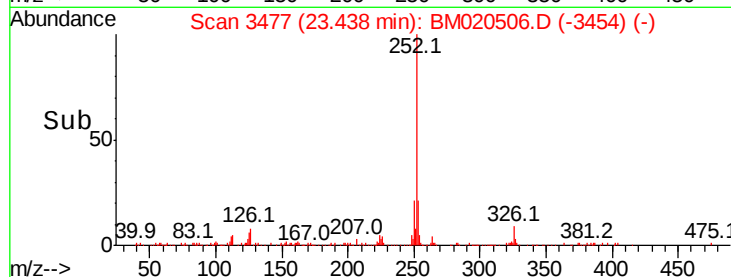
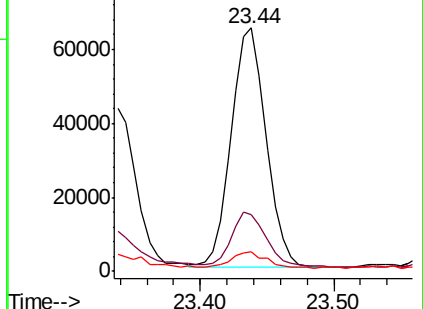
125 7.9 5.4 8.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Indeno(1,2,3-cd)pyrene

Concen: 2.810 ng/ul

RT: 25.81 min Scan# 3881

Delta R.T. -0.10 min

Lab File: BM020506.D

Acq: 23 May 2019 00:01

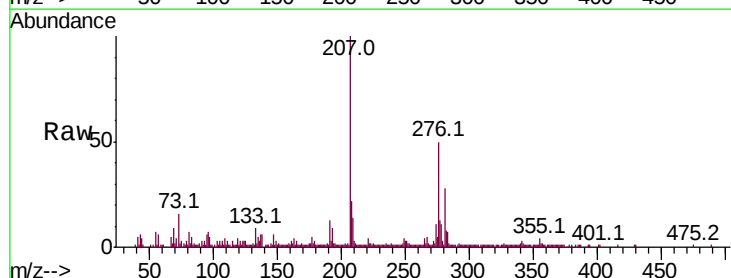
Tgt Ion:276 Resp: 91993

Ion Ratio Lower Upper

276 100

138 11.3 12.3 18.5#

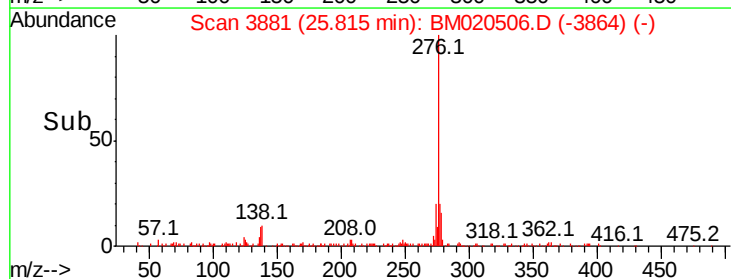
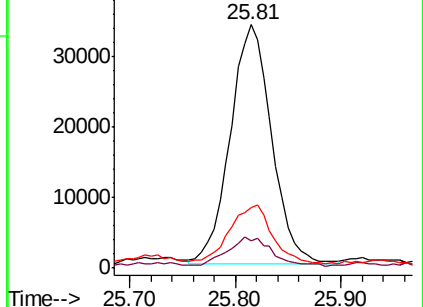
277 25.0 20.0 30.0

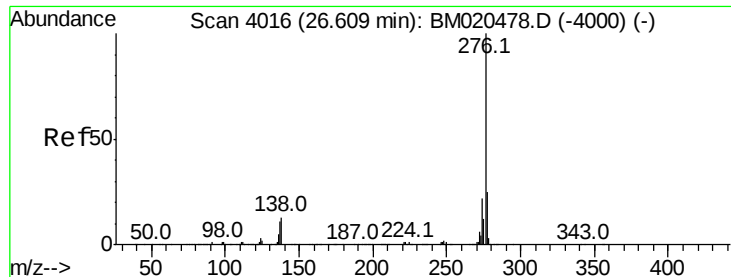


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Benzo(a,h,i)perylene

Concen: 2.315 ng/ul

RT: 26.51 min Scan# 4000

Delta R.T. -0.11 min

Lab File: BM020506.D

Acq: 23 May 2019 00:01

Instrument :

BNA_M

ClientSampleId :

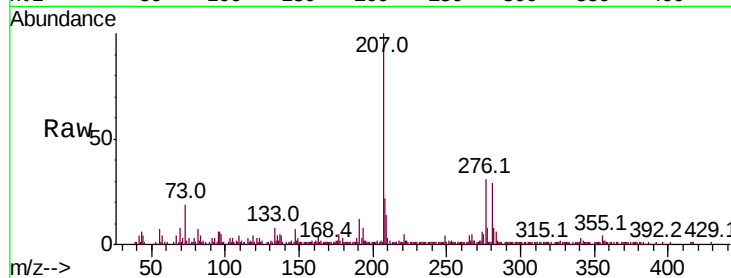
Tot Ion:276 Resp: 62749

Ion Ratio Lower Upper

276 100

138 12.7 10.0 15.0

277 27.5 18.2 27.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

