

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
 Data File : BM019731.D
 Acq On : 03 Apr 2019 15:42
 Operator : JU/SJ
 Sample : K2148-16
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5J1

Quant Time: Apr 04 01:50:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 04 01:45:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	174413	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.35	136	785347	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.23	164	472537	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.99	188	1023704	20.00	ng/ul	-0.01
78) Chrysene-d12	21.20	240	801298	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	757753	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	25962	5.83	ng/uL	0.00
5) Phenol-d5	6.76	99	222080	14.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	159634	15.35	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.10	132	188682	16.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	154974	13.29	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	93924	16.77	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.45	143	111844	17.94	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.99	165	181668	15.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	157036	11.11	ng/ul	0.00
44) Dimethylphthalate-d6	13.64	166	655637	17.20	ng/ul	-0.02
47) Acenaphthylene-d8	13.92	160	795724	16.69	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.50	143	58147	9.73	ng/ul	0.02
58) Fluorene-d10	15.23	176	581517	17.70	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.39	200	46501	6.87	ng/ul	0.00
71) Anthracene-d10	17.09	188	900444	18.33	ng/ul	-0.01
79) Pyrene-d10	19.40	212	846767	22.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	643612	16.02	ng/ul	0.00

Target Compounds

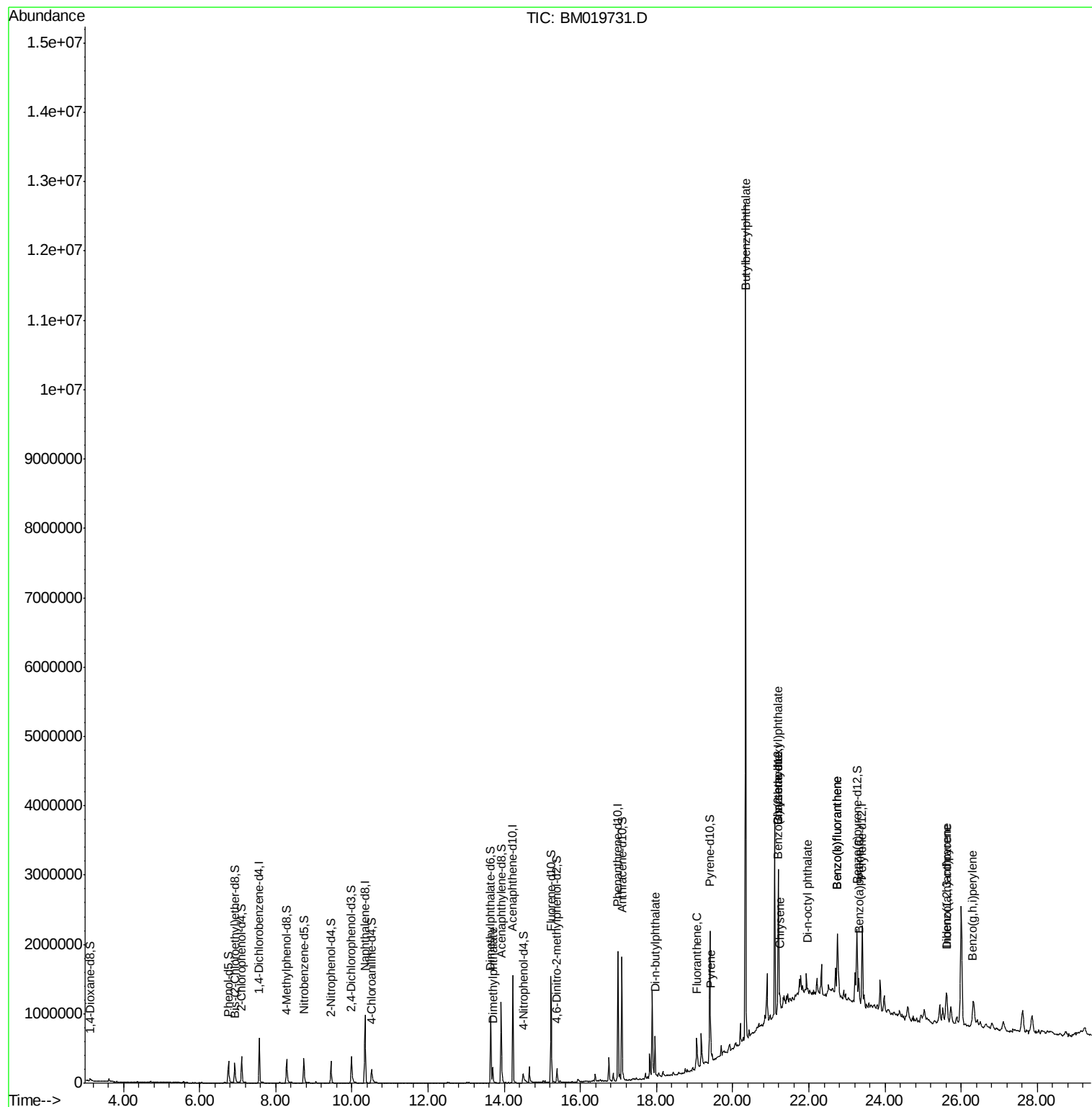
						Qvalue
45) Dimethylphthalate	13.70	163	147916	3.867	ng/ul	98
76) Di-n-butylphthalate	17.96	149	380786	6.469	ng/ul	99
77) Fluoranthene	19.06	202	179063	2.692	ng/ul#	83
80) Pyrene	19.43	202	214839	4.457	ng/ul#	84
81) Butylbenzylphthalate	20.34	149	3488339	182.757	ng/ul	91
83) Benzo(a)anthracene	21.19	228	104117	2.159	ng/ul#	91
84) Bis(2-ethylhexyl)phthalate	21.19	149	42631	1.541	ng/ul	98
85) Chrysene	21.23	228	90714	1.960	ng/ul#	93
87) Di-n-octyl phthalate	21.97	149	60235	1.274	ng/ul	100
88) Benzo(b)fluoranthene	22.74	252	625608	13.554	ng/ul#	92
89) Benzo(k)fluoranthene	22.74	252	625608	14.114	ng/ul#	92
91) Benzo(a)pyrene	23.31	252	222103	5.034	ng/ul#	91
92) Indeno(1,2,3-cd)pyrene	25.62	276	239321	4.331	ng/ul#	88
93) Dibenzo(a,h)anthracene	25.63	278	75299	1.599	ng/ul#	78
94) Benzo(g,h,i)perylene	26.30	276	204942	4.438	ng/ul#	92

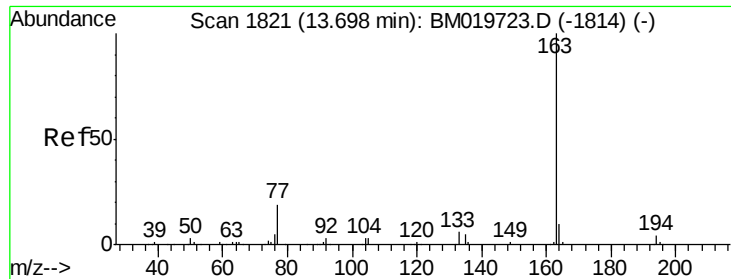
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 3.867 ng/ul

RT: 13.70 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BM019731.D

Acq: 03 Apr 2019 15:42

Instrument :

BNA_M

ClientSampleId :

BF5J1

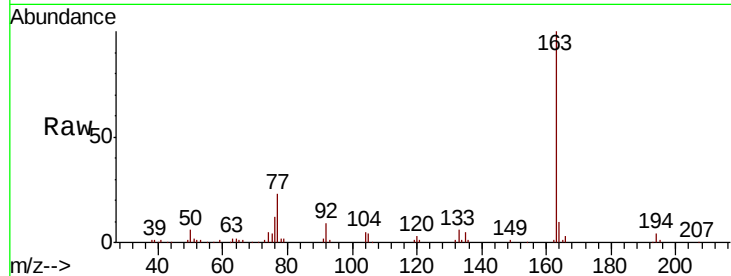
Tgt Ion:163 Resp: 147916

Ion Ratio Lower Upper

163 100

194 4.5 4.0 6.0

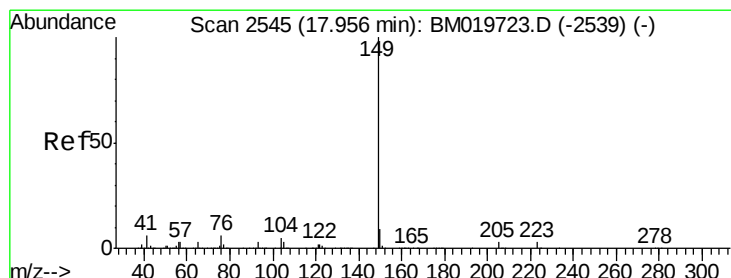
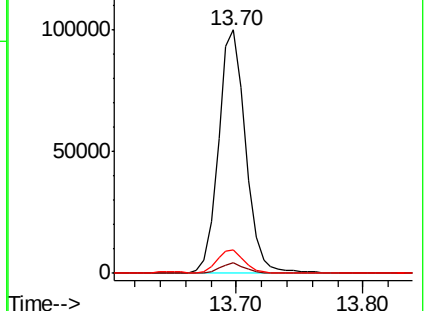
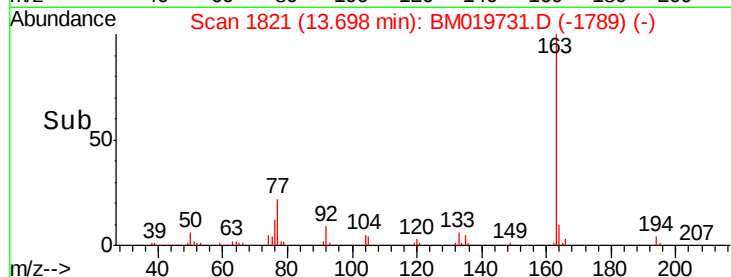
164 9.6 8.4 12.6



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



#76

Di-n-butylphthalate

Concen: 6.469 ng/ul

RT: 17.96 min Scan# 2545

Delta R.T. -0.01 min

Lab File: BM019731.D

Acq: 03 Apr 2019 15:42

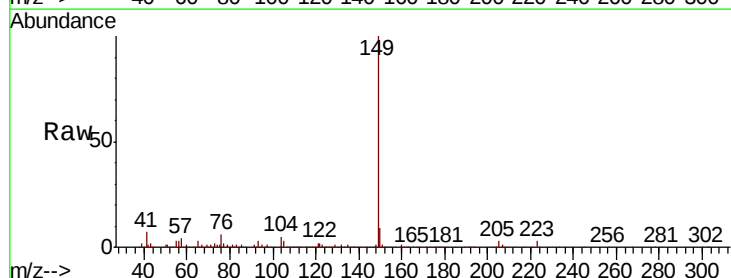
Tgt Ion:149 Resp: 380786

Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

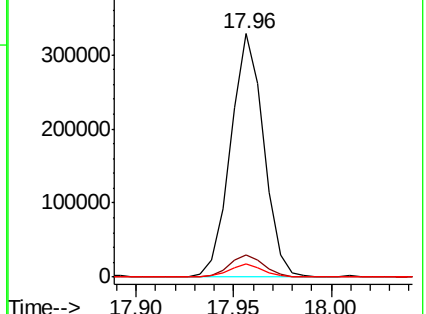
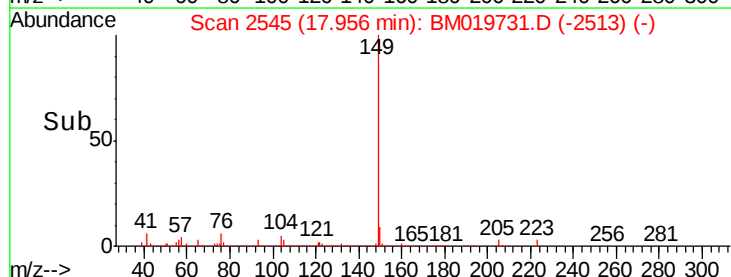
104 5.3 4.1 6.1

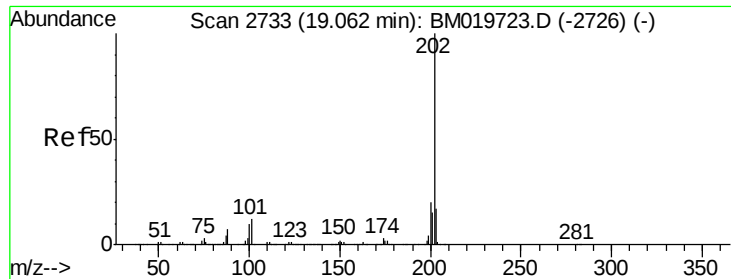


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

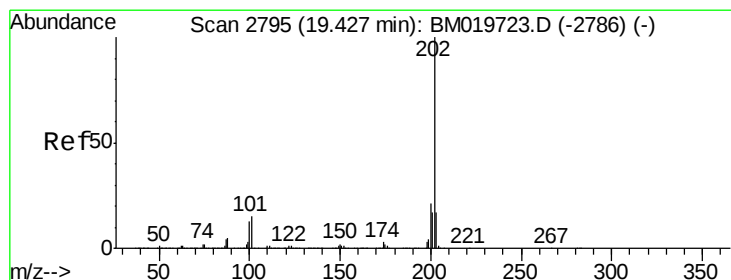
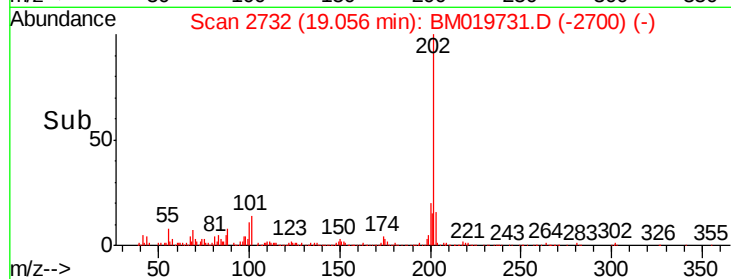
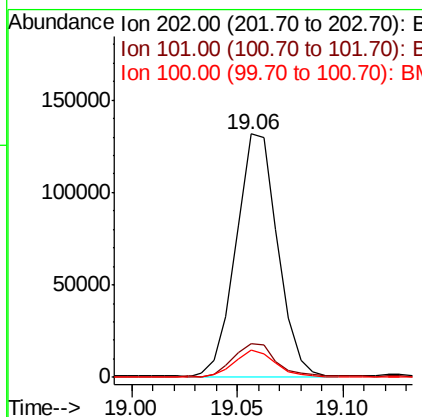
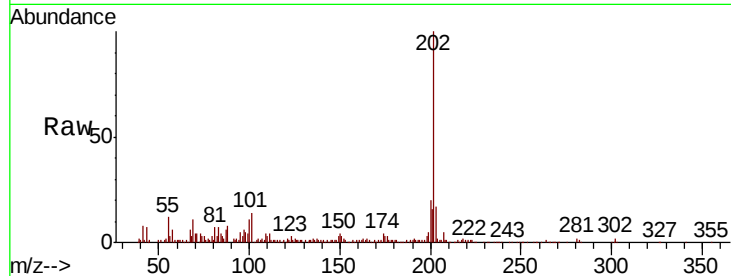




#77
 Fluoranthene
 Concen: 2.692 ng/ul
 RT: 19.06 min Scan# 2732
 Delta R.T. -0.01 min
 Lab File: BM019731.D
 Acq: 03 Apr 2019 15:42

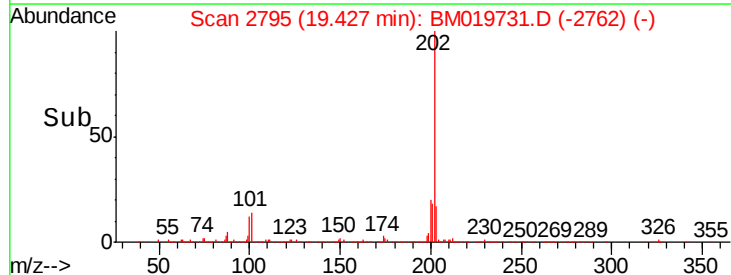
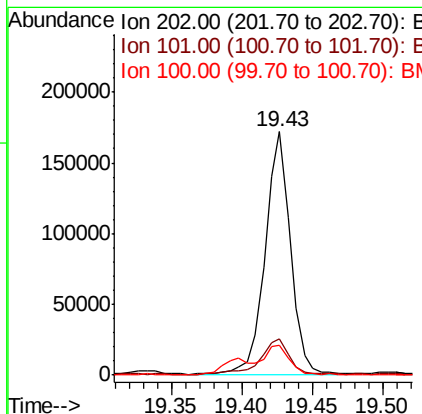
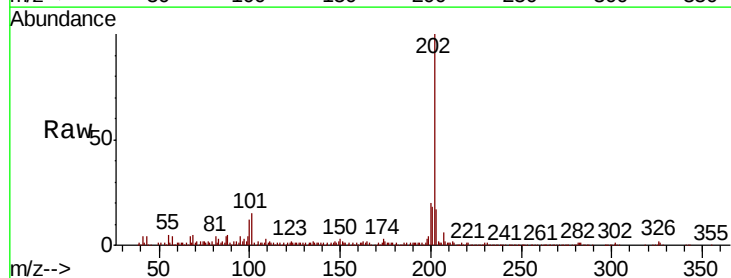
Instrument :
 BNA_M
 ClientSampleId :
 BF5J1

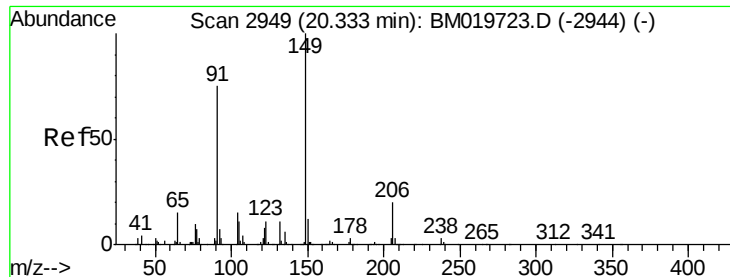
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	6.1	9.1#
100	11.3	4.6	7.0#



#80
 Pyrene
 Concen: 4.457 ng/ul
 RT: 19.43 min Scan# 2795
 Delta R.T. -0.01 min
 Lab File: BM019731.D
 Acq: 03 Apr 2019 15:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.7	6.9	10.3#
100	12.1	5.6	8.4#





#81

Butylbenzylphthalate

Concen: 182.757 ng/ul

RT: 20.34 min Scan# 2950

Delta R.T. -0.00 min

Lab File: BM019731.D

Acq: 03 Apr 2019 15:42

Instrument :

BNA_M

ClientSampleId :

BF5J1

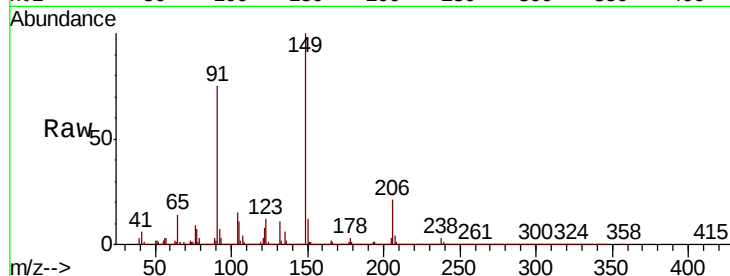
Tgt Ion:149 Resp: 3488339

Ion Ratio Lower Upper

149 100

91 74.6 53.4 80.0

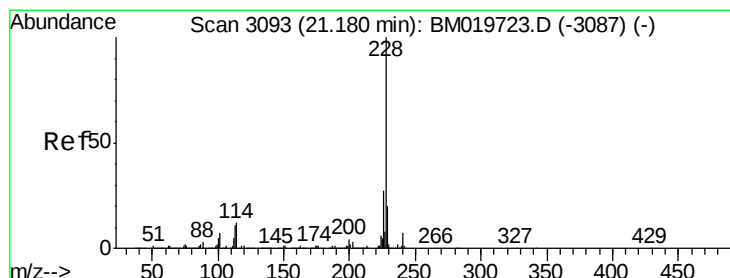
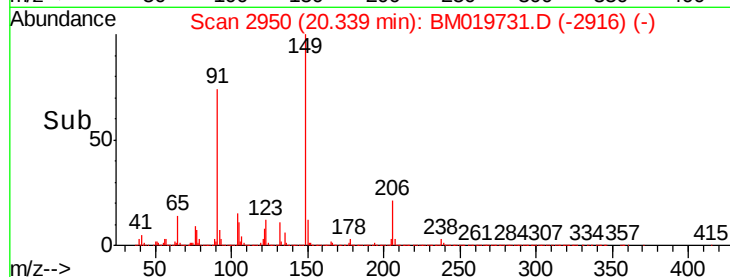
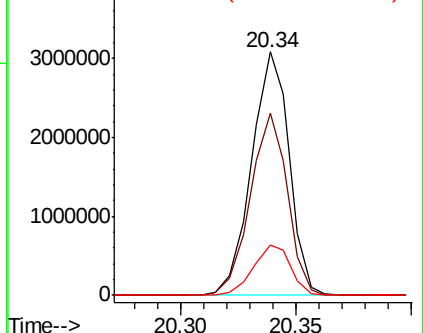
206 20.7 19.3 28.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E



#83

Benzo(a)anthracene

Concen: 2.159 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BM019731.D

Acq: 03 Apr 2019 15:42

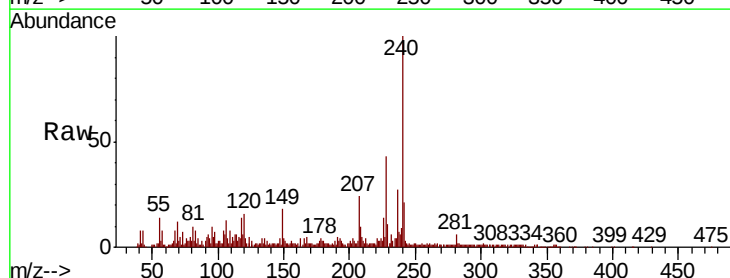
Tgt Ion:228 Resp: 104117

Ion Ratio Lower Upper

228 100

229 24.8 16.0 24.0#

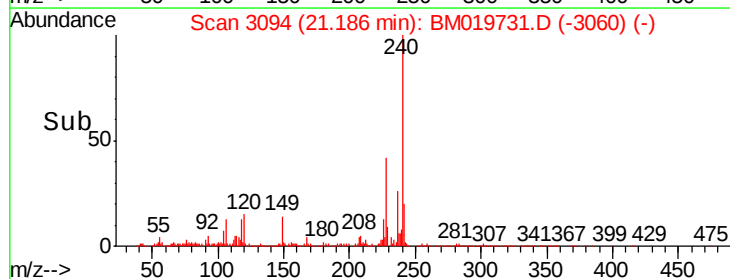
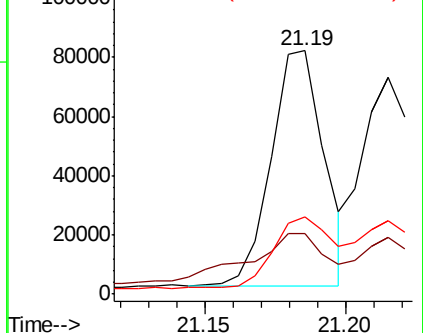
226 31.5 21.8 32.8

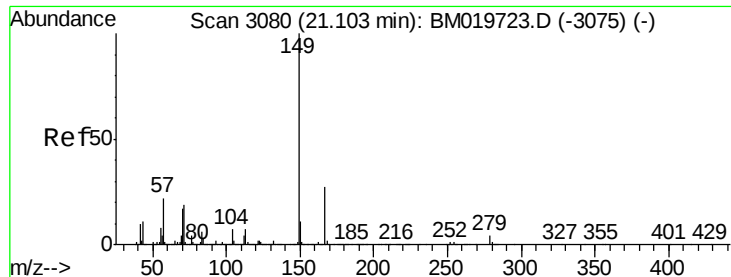


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

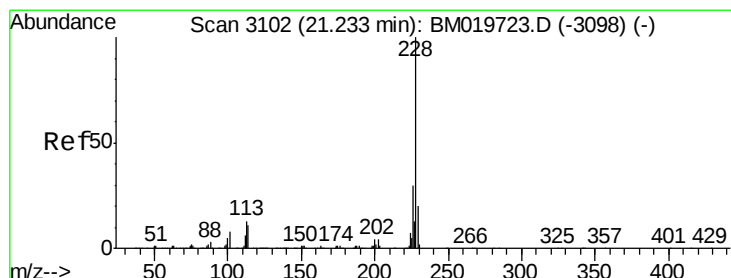
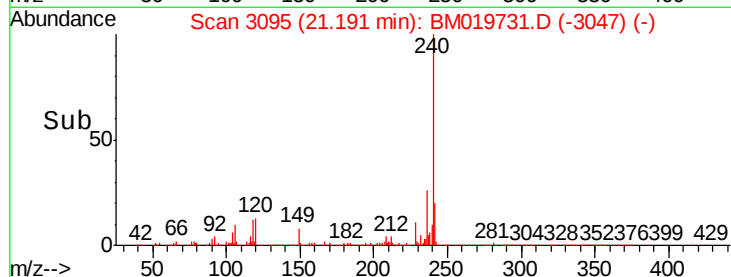
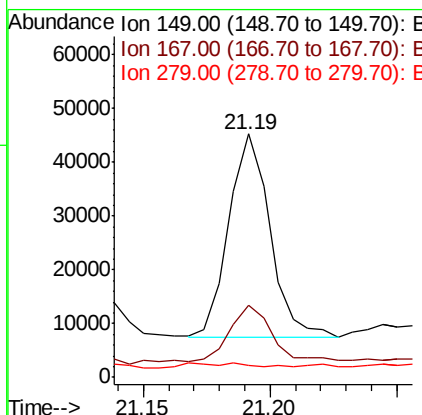
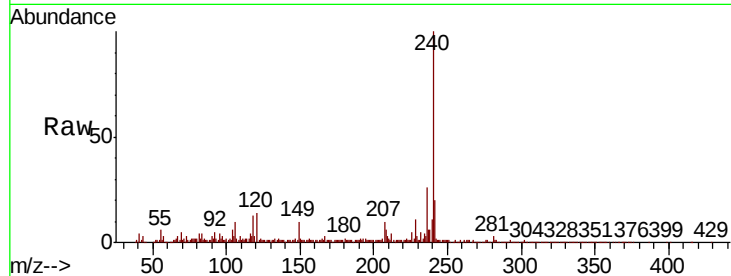




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.541 ng/ul
 RT: 21.19 min Scan# 3095
 Delta R.T. 0.08 min
 Lab File: BM019731.D
 Acq: 03 Apr 2019 15:42

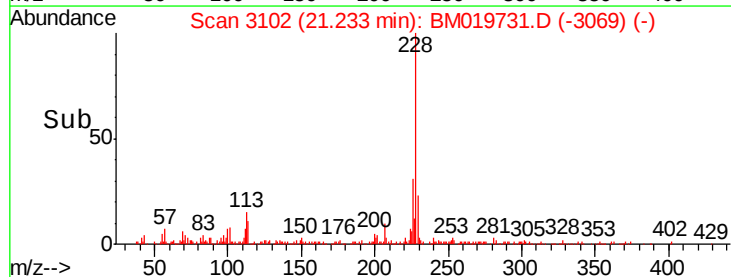
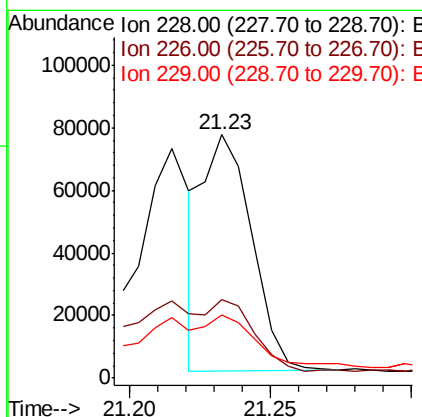
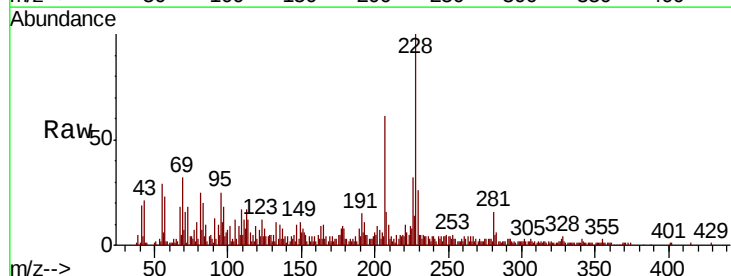
Instrument :
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 BF5J1

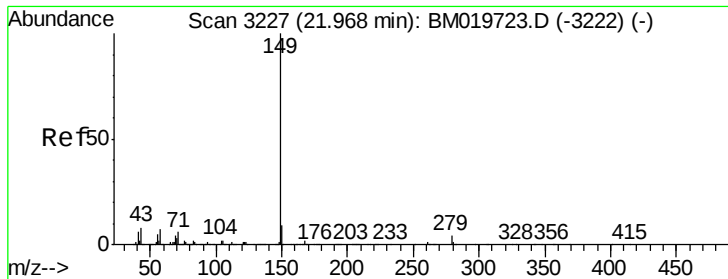
Tgt Ion:149 Resp: 42631
 Ion Ratio Lower Upper
 149 100
 167 29.8 23.0 34.6
 279 4.7 4.3 6.5



#85
 Chrysene
 Concen: 1.960 ng/ul
 RT: 21.23 min Scan# 3102
 Delta R.T. -0.01 min
 Lab File: BM019731.D
 Acq: 03 Apr 2019 15:42

Tgt Ion:228 Resp: 90714
 Ion Ratio Lower Upper
 228 100
 226 32.1 24.1 36.1
 229 25.8 16.0 24.0#





#87

Di-n-octyl phthalate

Concen: 1.274 ng/ul

RT: 21.97 min Scan# 3228

Delta R.T. -0.01 min

Lab File: BM019731.D

Acq: 03 Apr 2019 15:42

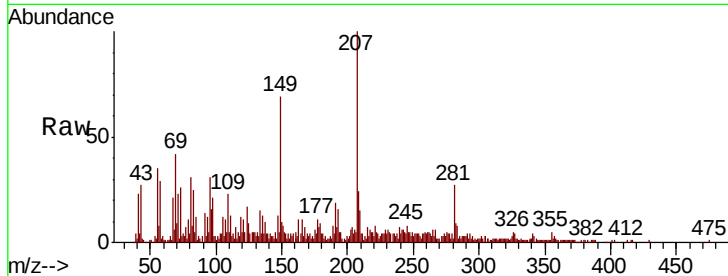
Instrument :

BNA_M

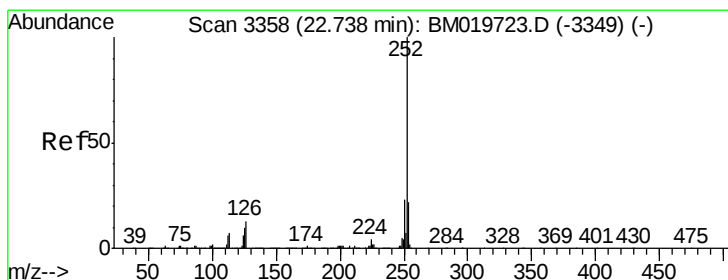
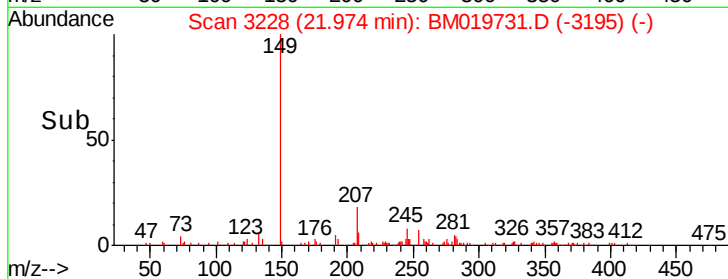
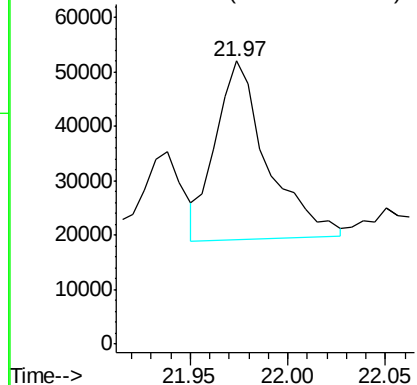
ClientSampleId :

BF5J1

Tgt Ion:149 Resp: 60235



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 13.554 ng/ul

RT: 22.74 min Scan# 3359

Delta R.T. -0.00 min

Lab File: BM019731.D

Acq: 03 Apr 2019 15:42

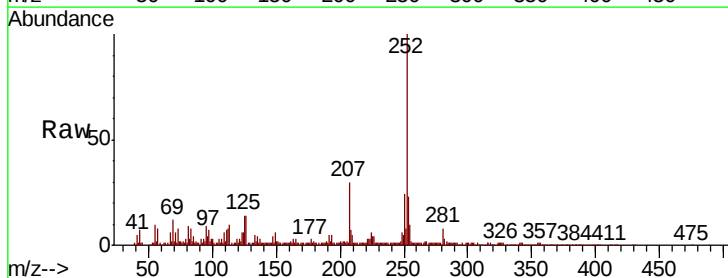
Tgt Ion:252 Resp: 625608

Ion Ratio Lower Upper

252 100

253 23.3 17.4 26.0

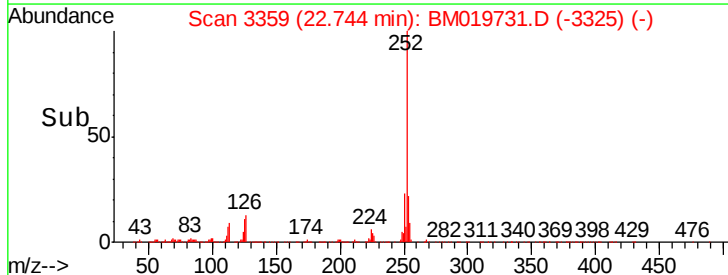
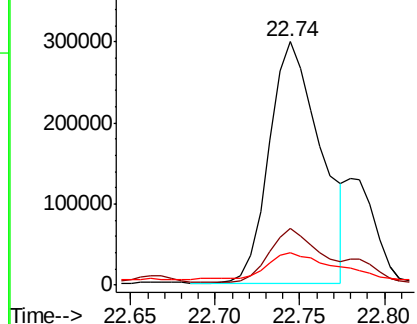
125 13.5 4.9 7.3#

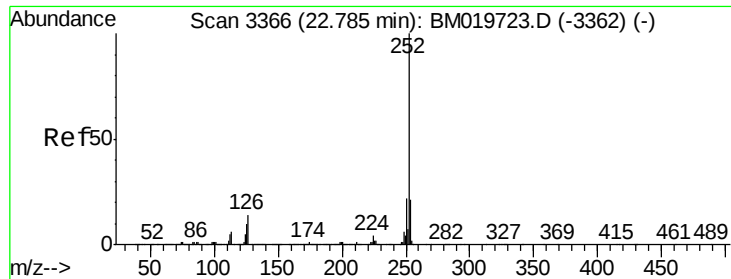


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 14.114 ng/ul

RT: 22.74 min Scan# 3359

Delta R.T. -0.05 min

Lab File: BM019731.D

Acq: 03 Apr 2019 15:42

Instrument :

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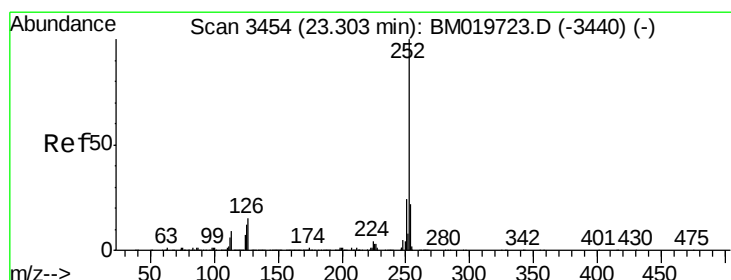
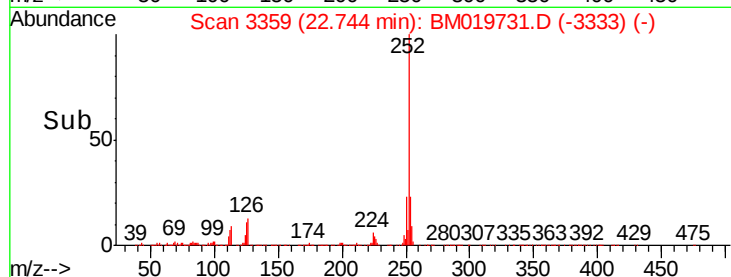
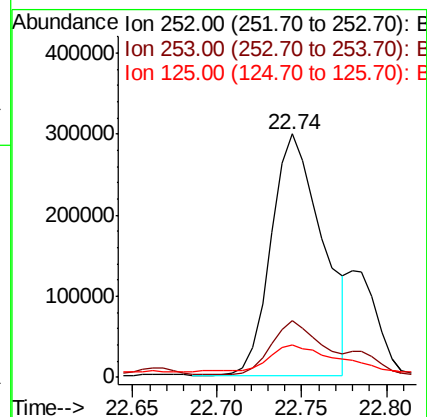
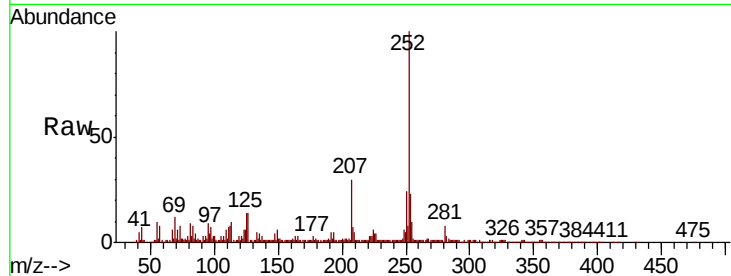
Tgt Ion:252 Resp: 625608

Ion Ratio Lower Upper

252 100

253 23.3 17.1 25.7

125 13.5 5.4 8.0#



#91

Benzo(a)pyrene

Concen: 5.034 ng/ul

RT: 23.31 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BM019731.D

Acq: 03 Apr 2019 15:42

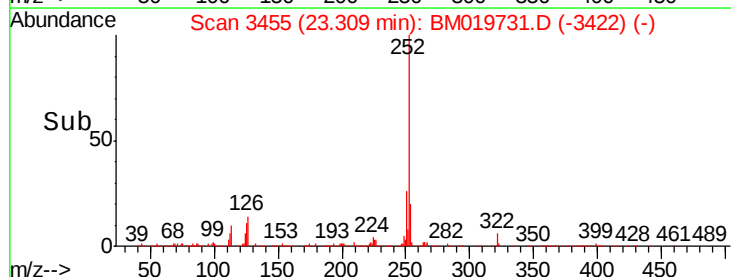
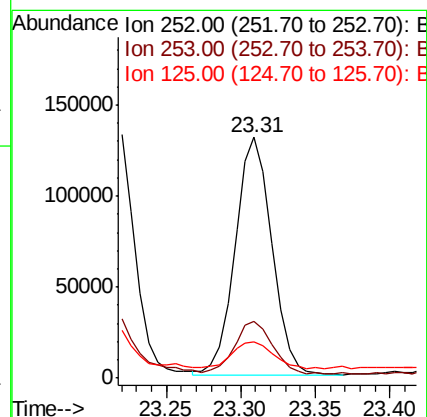
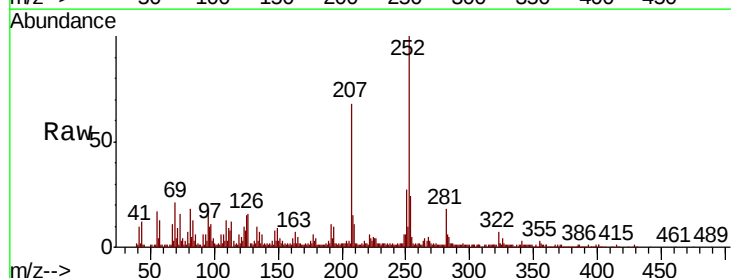
Tgt Ion:252 Resp: 222103

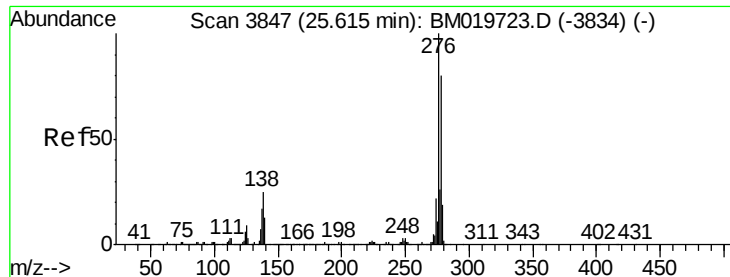
Ion Ratio Lower Upper

252 100

253 23.6 17.2 25.8

125 15.1 5.8 8.6#





#92

Indeno(1,2,3-cd)pyrene

Concen: 4.331 ng/ul

RT: 25.62 min Scan# 3848

Delta R.T. -0.01 min

Lab File: BM019731.D

Acq: 03 Apr 2019 15:42

Instrument :

BNA_M

ClientSampleId :

BF5J1

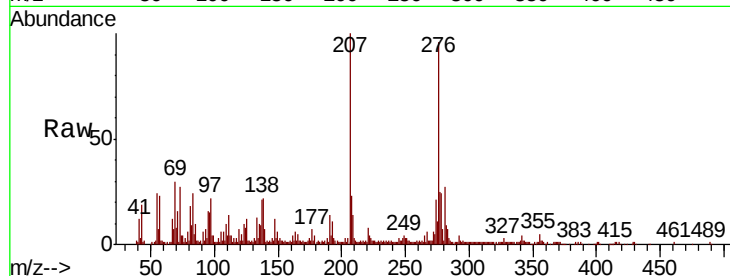
Tgt Ion:276 Resp: 239321

Ion Ratio Lower Upper

276 100

138 23.1 10.9 16.3#

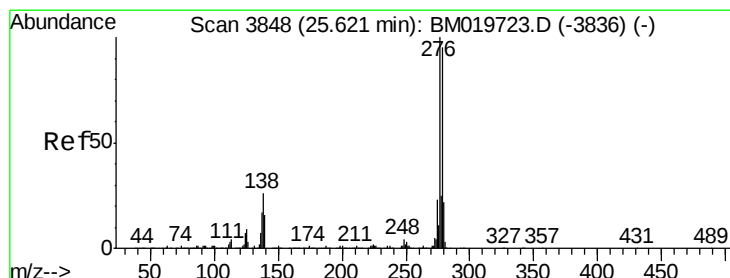
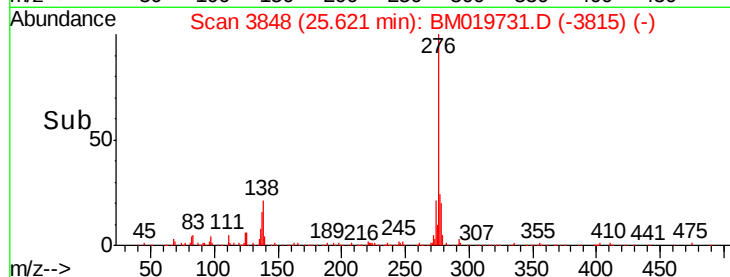
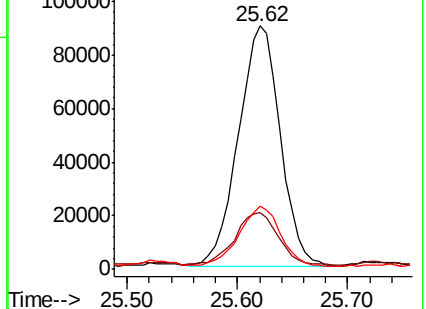
277 25.8 18.9 28.3



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

Dibenzo(a,h)anthracene

Concen: 1.599 ng/ul

RT: 25.63 min Scan# 3849

Delta R.T. -0.01 min

Lab File: BM019731.D

Acq: 03 Apr 2019 15:42

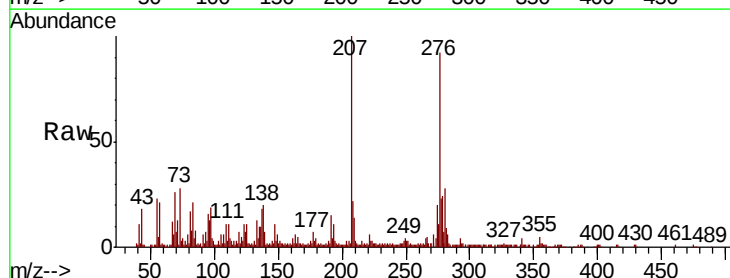
Tgt Ion:278 Resp: 75299

Ion Ratio Lower Upper

278 100

139 28.4 9.0 13.4#

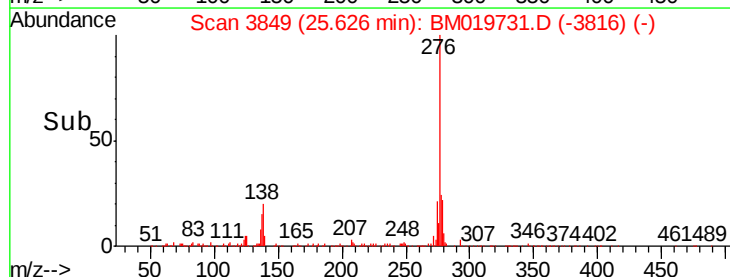
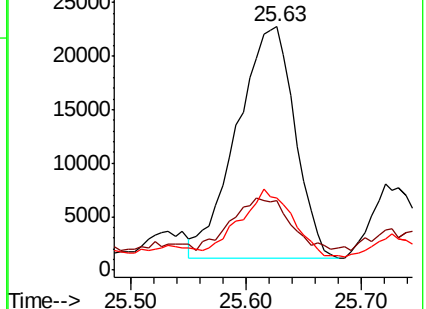
279 29.6 19.1 28.7#

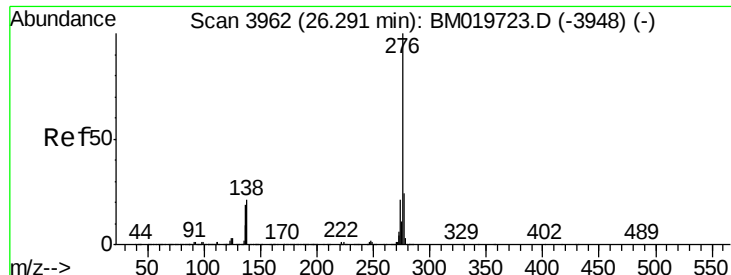


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(g,h,i)perylene

Concen: 4.438 ng/ul

RT: 26.30 min Scan# 3964

Delta R.T. -0.01 min

Lab File: BM019731.D

Acq: 03 Apr 2019 15:42

Instrument :

BNA_M

ClientSampleId :

BF5J1

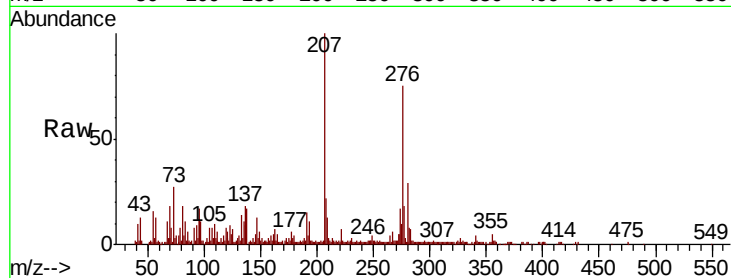
Tgt Ion: 276 Resp: 204942

Ion Ratio Lower Upper

276 100

138 22.5 11.2 16.8#

277 24.1 19.0 28.6



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

