

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
 Data File : BM019745.D
 Acq On : 05 Apr 2019 12:05
 Operator : JU/SJ
 Sample : K2218-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5Z3

Quant Time: Apr 06 00:21:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 06 00:13:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	158107	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	707919	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	401237	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	878546	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	700000	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	659981	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	19726	4.88	ng/uL	0.00
5) Phenol-d5	6.75	99	239262	16.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	163983	17.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	197414	18.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	189369	17.92	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	95561	18.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	108404	19.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	183088	17.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	142492	11.19	ng/ul	0.01
44) Dimethylphthalate-d6	13.65	166	584225	18.05	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	739102	18.26	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	58922	11.61	ng/ul	0.01
58) Fluorene-d10	15.23	176	519217	18.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.38	200	65043	11.20	ng/ul	0.00
71) Anthracene-d10	17.08	188	770012	18.26	ng/ul	0.00
79) Pyrene-d10	19.39	212	737550	22.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	568946	16.26	ng/ul	0.00

Target Compounds

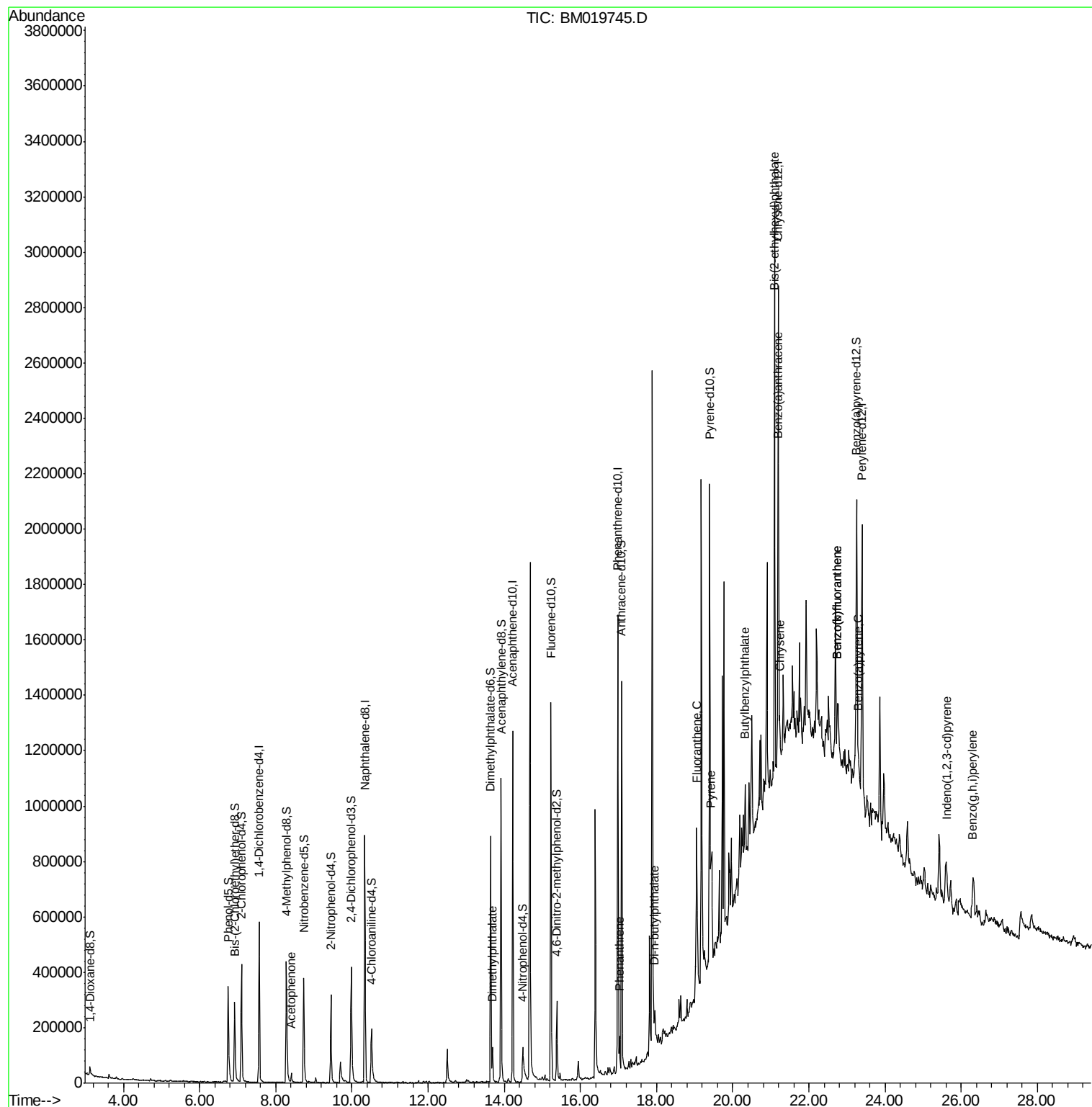
					Qvalue	
14) Acetophenone	8.40	105	19355	1.125	ng/ul#	89
45) Dimethylphthalate	13.69	163	76585	2.358	ng/ul#	98
70) Phenanthrene	17.03	178	68361	1.372	ng/ul	98
76) Di-n-butylphthalate	17.96	149	64931	1.285	ng/ul	99
77) Fluoranthene	19.06	202	172657	3.025	ng/ul#	85
80) Pyrene	19.42	202	144391	3.429	ng/ul#	81
81) Butylbenzylphthalate	20.33	149	57078	3.423	ng/ul#	81
83) Benzo(a)anthracene	21.18	228	63275	1.502	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.10	149	699324	28.935	ng/ul#	95
85) Chrysene	21.23	228	79645	1.970	ng/ul	96
88) Benzo(b)fluoranthene	22.74	252	101137	2.516	ng/ul#	82
89) Benzo(k)fluoranthene	22.74	252	101137	2.620	ng/ul#	81
91) Benzo(a)pyrene	23.30	252	45161	1.175	ng/ul#	70
92) Indeno(1,2,3-cd)pyrene	25.61	276	51051	1.061	ng/ul#	86
94) Benzo(g,h,i)perylene	26.30	276	53668	1.334	ng/ul#	92

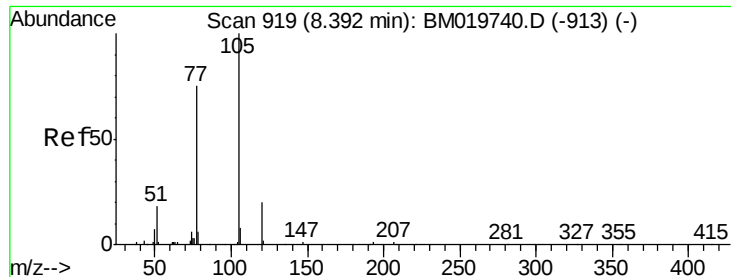
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#14

Acetophenone

Concen: 1.125 ng/ul

RT: 8.40 min Scan# 921

Delta R.T. 0.01 min

Lab File: BM019745.D

Acq: 05 Apr 2019 12:05

Instrument :

BNA_M

ClientSampleId :

BF5Z3

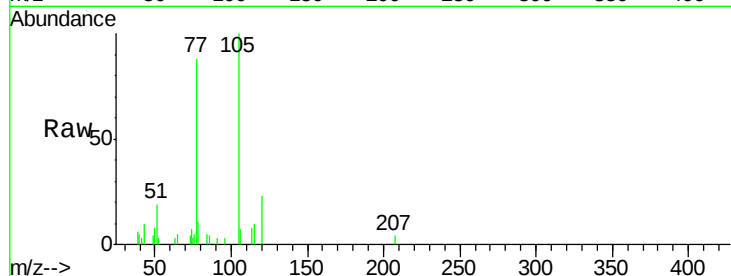
Tgt Ion:105 Resp: 19355

Ion Ratio Lower Upper

105 100

77 88.2 63.2 94.8

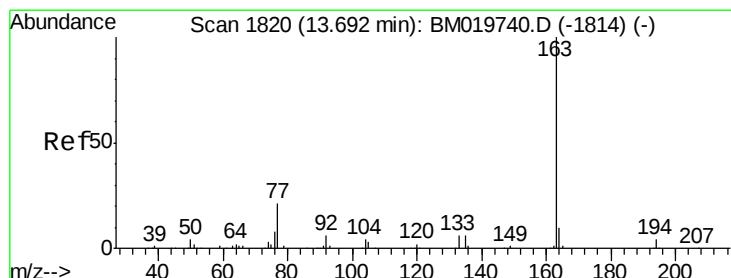
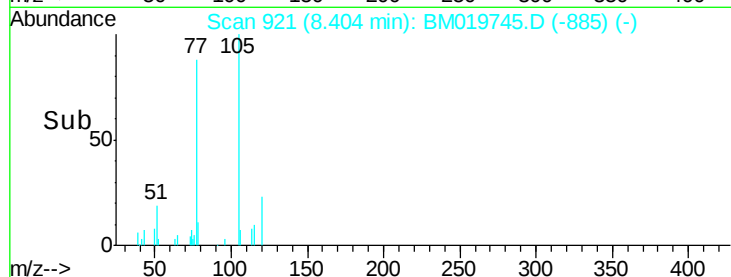
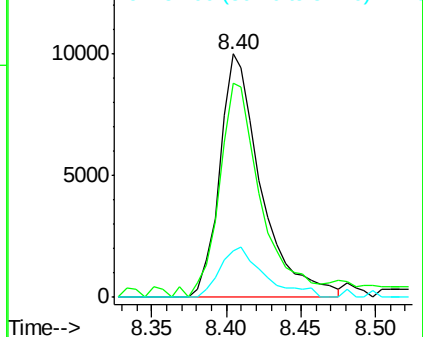
51 19.1 19.8 29.8#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#45

Dimethylphthalate

Concen: 2.358 ng/ul

RT: 13.69 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BM019745.D

Acq: 05 Apr 2019 12:05

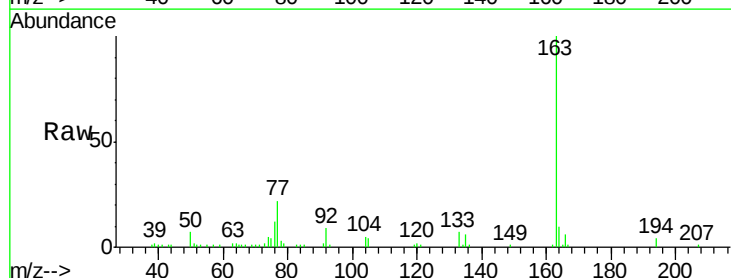
Tgt Ion:163 Resp: 76585

Ion Ratio Lower Upper

163 100

194 3.8 4.0 6.0#

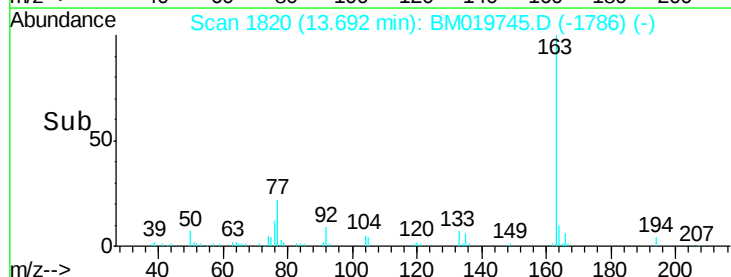
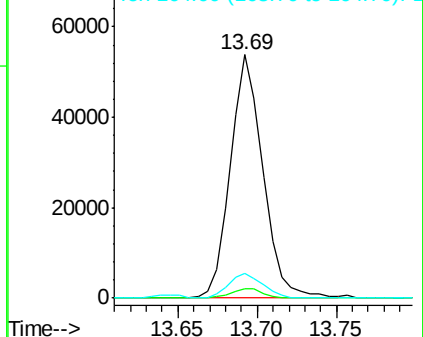
164 10.0 8.4 12.6

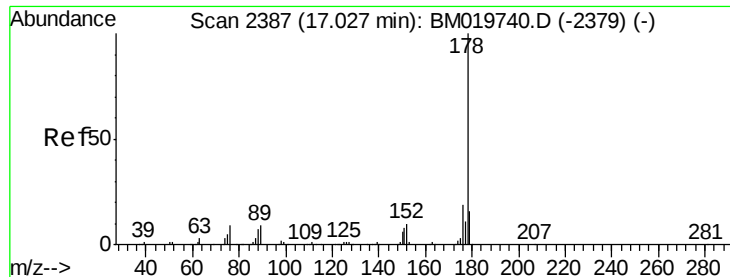


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#70

Phenanthrene

Concen: 1.372 ng/ul

RT: 17.03 min Scan# 2387

Delta R.T. -0.00 min

Lab File: BM019745.D

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BF5Z3

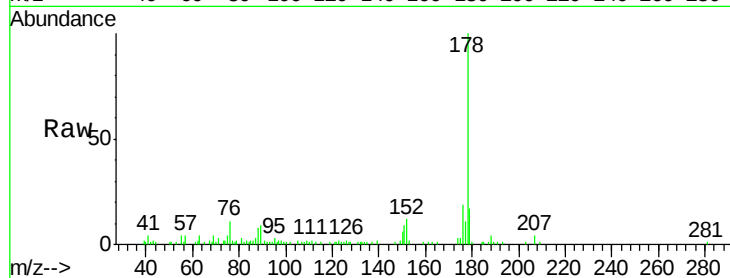
Tgt Ion:178 Resp: 68361

Ion Ratio Lower Upper

178 100

179 17.0 12.3 18.5

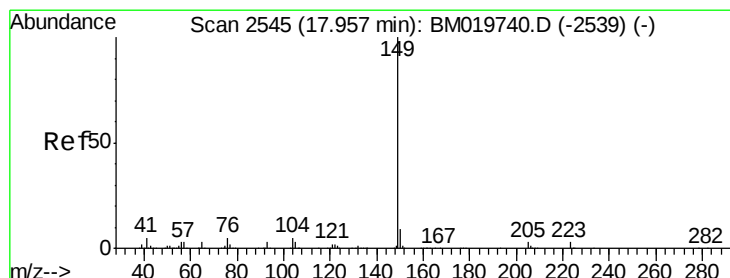
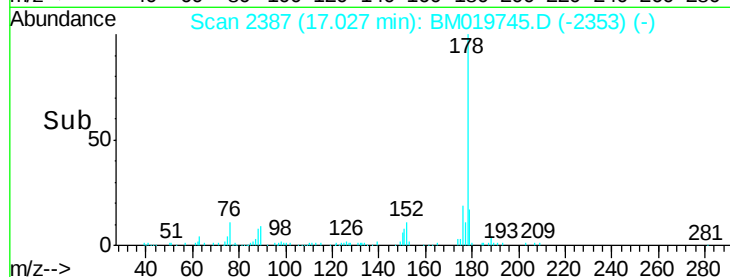
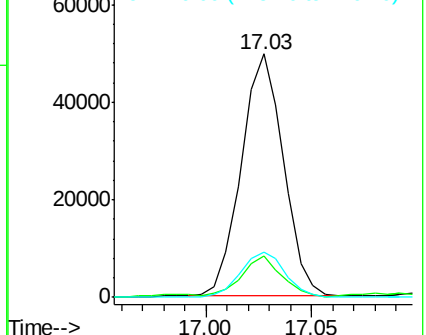
176 18.7 15.4 23.0



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



#76

Di-n-butylphthalate

Concen: 1.285 ng/ul

RT: 17.96 min Scan# 2545

Delta R.T. -0.00 min

Lab File: BM019745.D

Acq: 05 Apr 2019 12:05

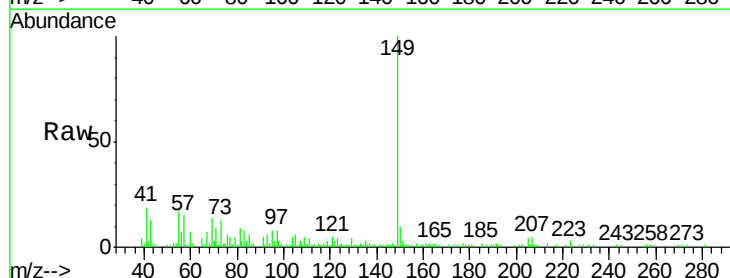
Tgt Ion:149 Resp: 64931

Ion Ratio Lower Upper

149 100

150 9.8 7.5 11.3

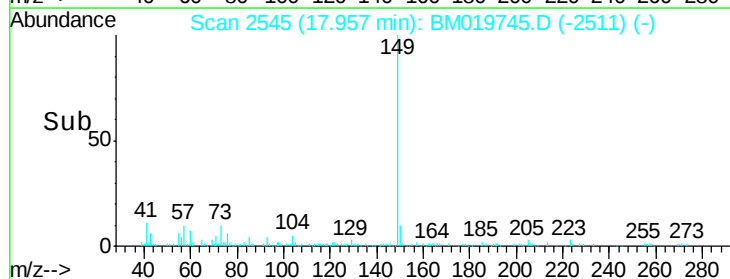
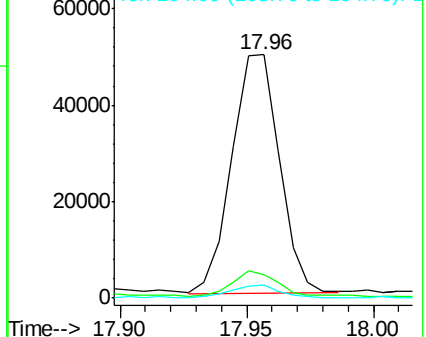
104 5.4 4.1 6.1

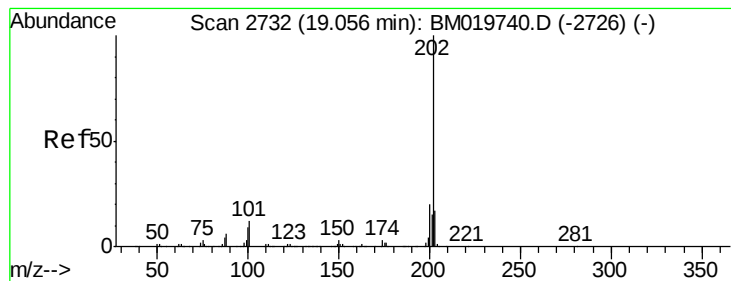


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#77

Fluoranthene

Concen: 3.025 ng/ul

RT: 19.06 min Scan# 2732

Delta R.T. -0.00 min

Lab File: BM019745.D

Acq: 05 Apr 2019 12:05

Instrument :

BNA_M

ClientSampleId :

BF5Z3

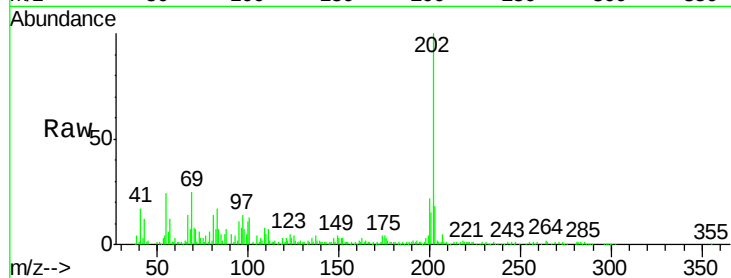
Tgt Ion:202 Resp: 172657

Ion Ratio Lower Upper

202 100

101 12.8 6.1 9.1#

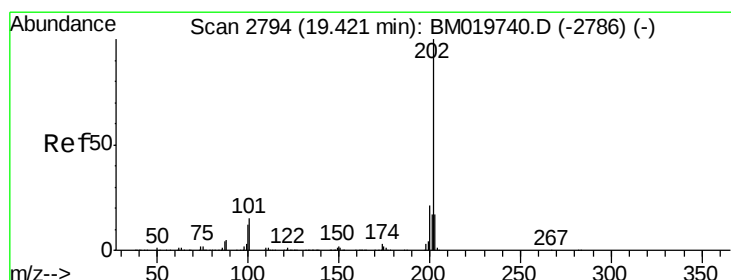
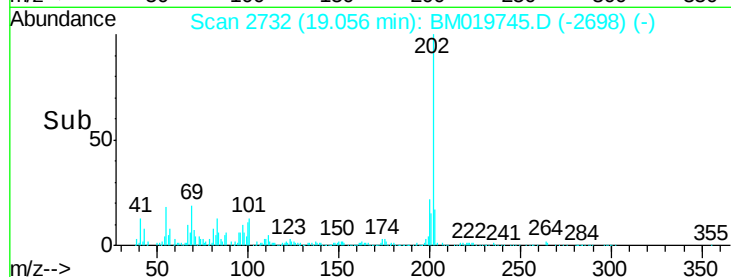
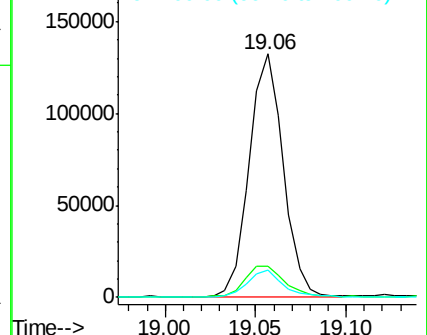
100 11.1 4.6 7.0#



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



#80

Pyrene

Concen: 3.429 ng/ul

RT: 19.42 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BM019745.D

Acq: 05 Apr 2019 12:05

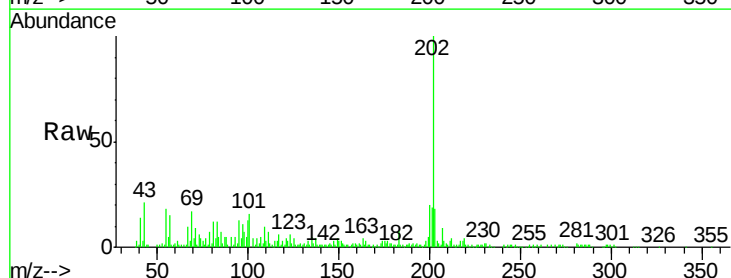
Tgt Ion:202 Resp: 144391

Ion Ratio Lower Upper

202 100

101 16.3 6.9 10.3#

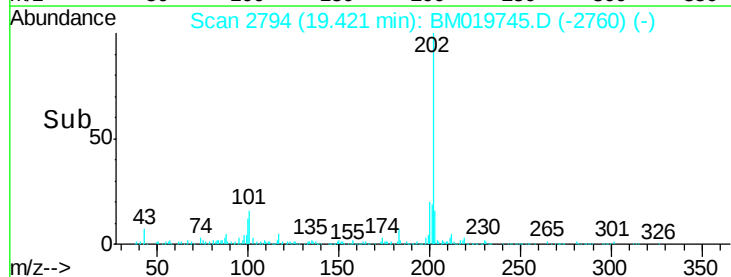
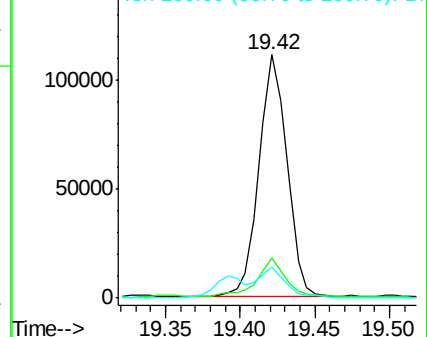
100 12.6 5.6 8.4#

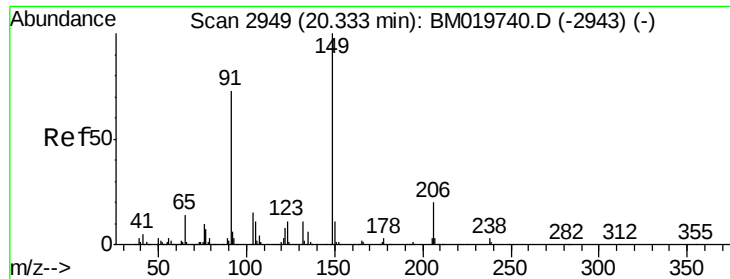


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

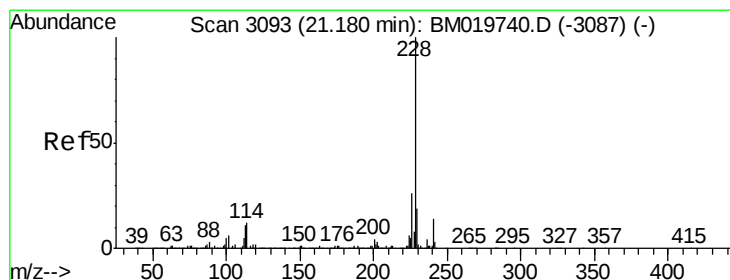
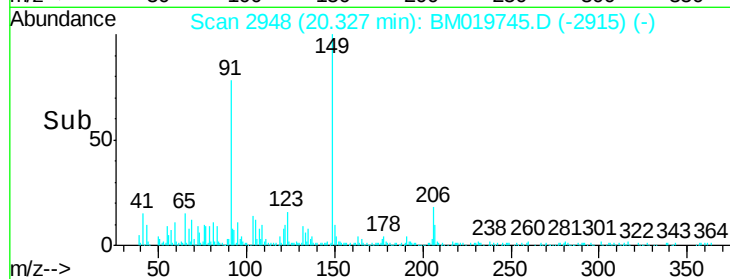
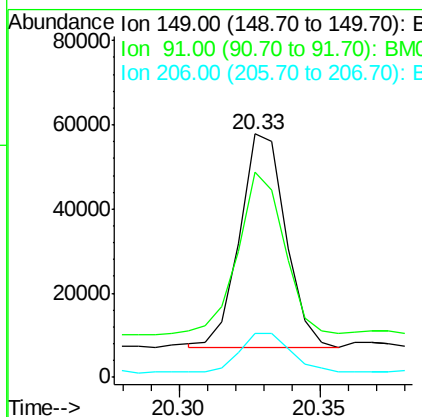
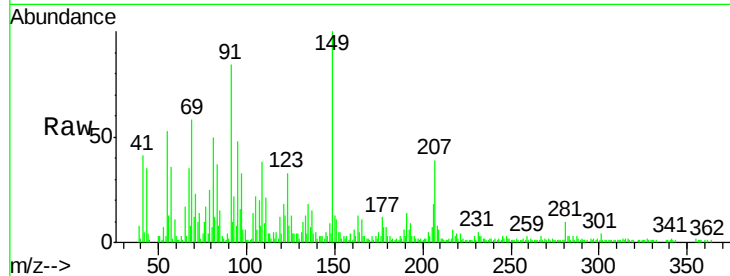




#81
Butylbenzylphthalate
Concen: 3.423 ng/ul
RT: 20.33 min Scan# 2948
Delta R.T. -0.01 min
Lab File: BM019745.D
Acq: 05 Apr 2019 12:05

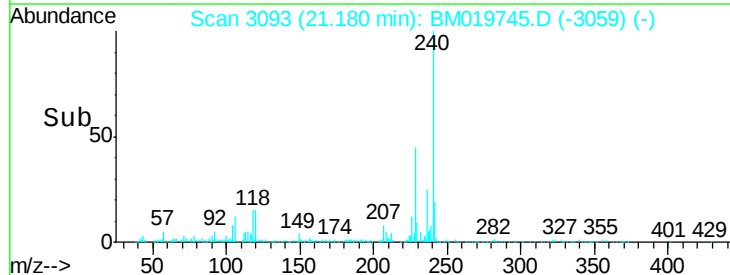
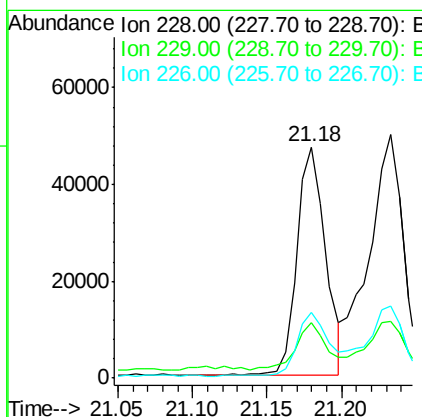
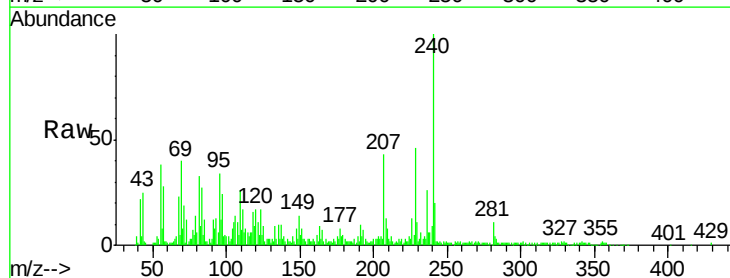
Instrument :
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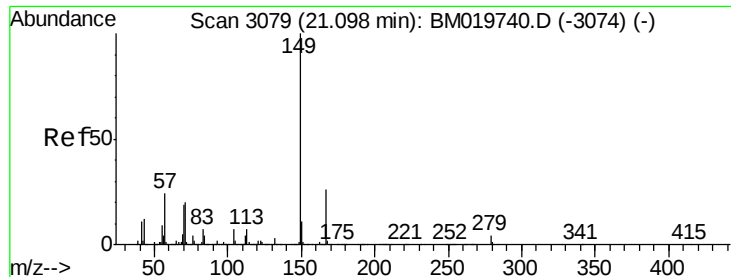
Tgt Ion:149 Resp: 57078
Ion Ratio Lower Upper
149 100
91 84.1 53.4 80.0#
206 18.2 19.3 28.9#



#83
Benzo(a)anthracene
Concen: 1.502 ng/ul
RT: 21.18 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BM019745.D
Acq: 05 Apr 2019 12:05

Tgt Ion:228 Resp: 63275
Ion Ratio Lower Upper
228 100
229 23.9 16.0 24.0
226 28.6 21.8 32.8

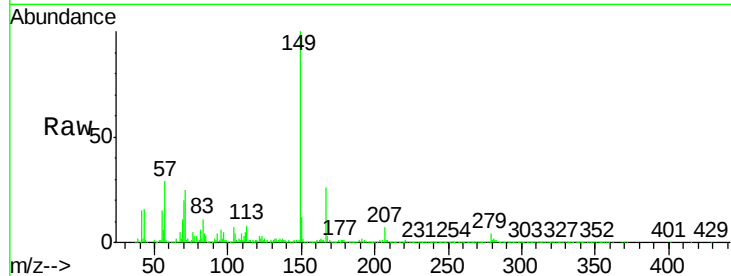




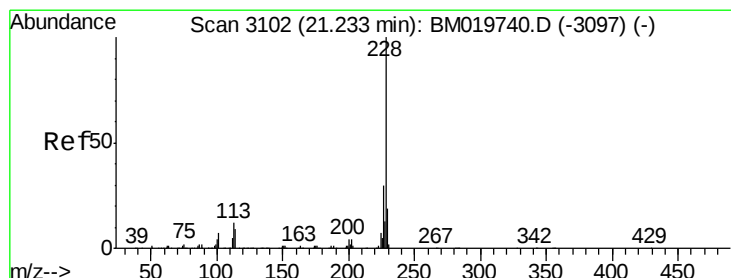
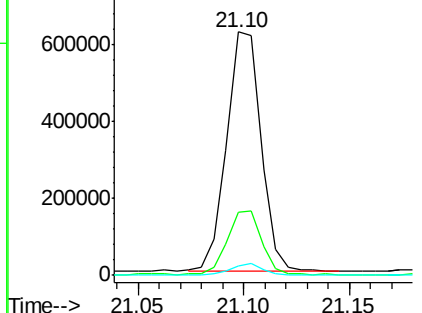
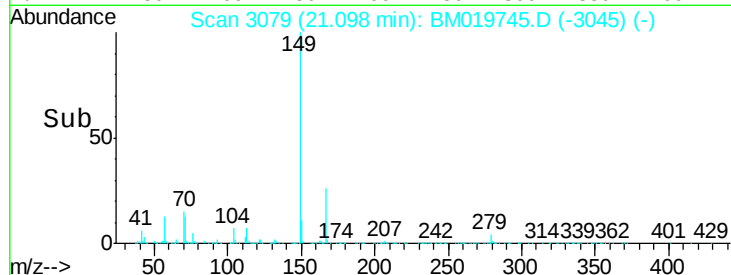
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 28.935 ng/ul
 RT: 21.10 min Scan# 3079
 Delta R.T. -0.00 min
 Lab File: BM019745.D
 Acq: 05 Apr 2019 12:05

Instrument :
 BNA_M
 ClientSampleId :
 BF5Z3

Tgt Ion:149 Resp: 699324
 Ion Ratio Lower Upper
 149 100
 167 26.1 23.0 34.6
 279 3.9 4.3 6.5#

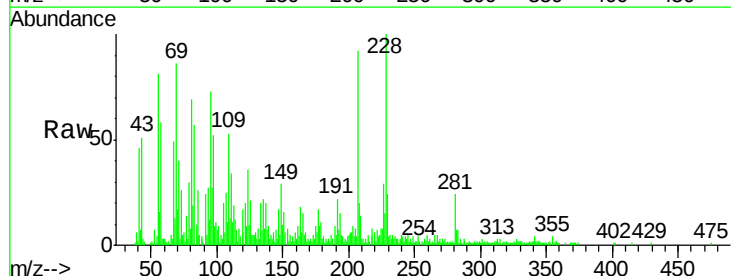


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

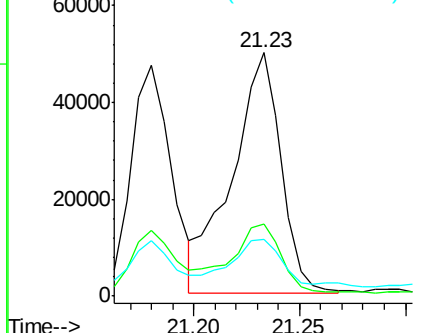
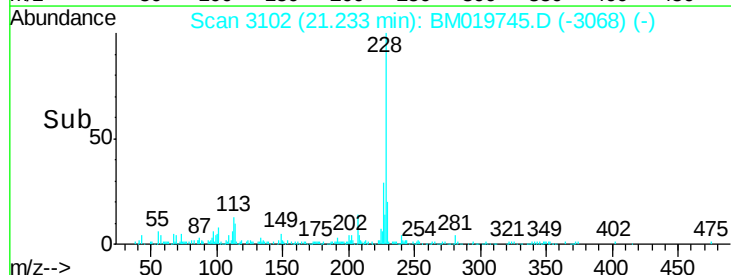


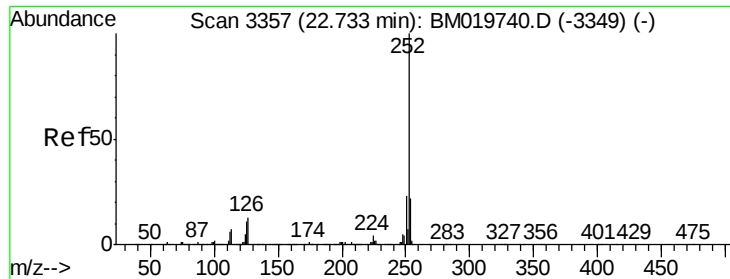
#85
 Chrysene
 Concen: 1.970 ng/ul
 RT: 21.23 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: BM019745.D
 Acq: 05 Apr 2019 12:05

Tgt Ion:228 Resp: 79645
 Ion Ratio Lower Upper
 228 100
 226 29.5 24.1 36.1
 229 23.6 16.0 24.0



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





#88

Benzo(b)fluoranthene

Concen: 2.516 ng/ul

RT: 22.74 min Scan# 3358

Delta R.T. 0.01 min

Lab File: BM019745.D

Acq: 05 Apr 2019 12:05

Instrument :

BNA_M

ClientSampleId :

BF5Z3

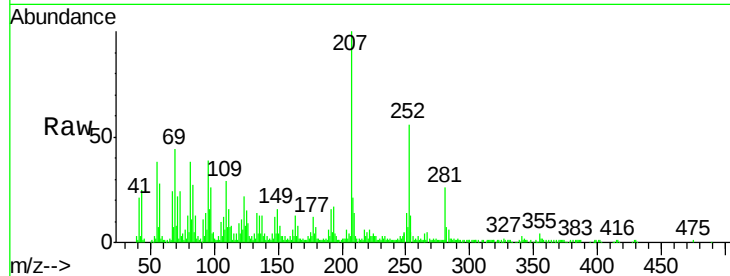
Tgt Ion:252 Resp: 101137

Ion Ratio Lower Upper

252 100

253 24.0 17.4 26.0

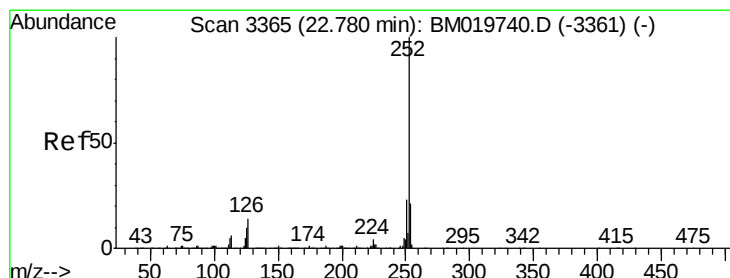
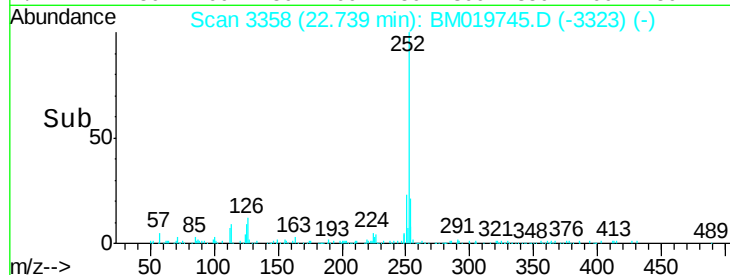
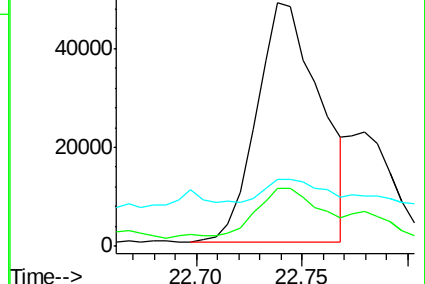
125 27.6 4.9 7.3#



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: 2.620 ng/ul

RT: 22.74 min Scan# 3358

Delta R.T. -0.04 min

Lab File: BM019745.D

Acq: 05 Apr 2019 12:05

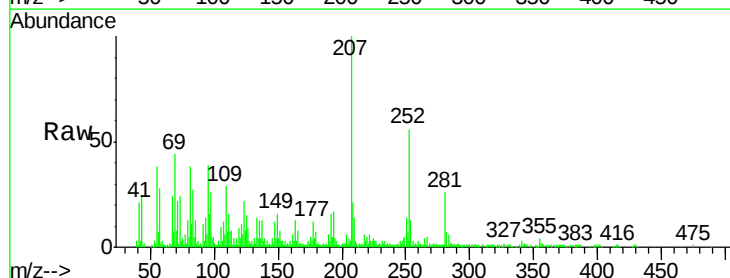
Tgt Ion:252 Resp: 101137

Ion Ratio Lower Upper

252 100

253 24.0 17.1 25.7

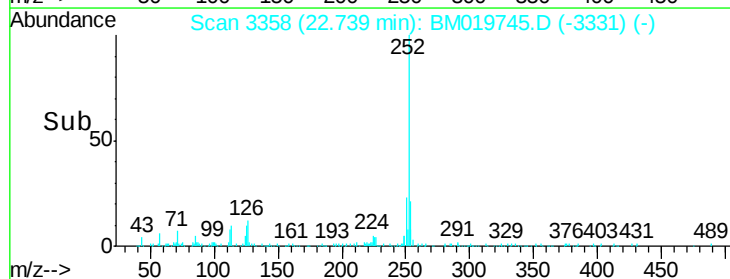
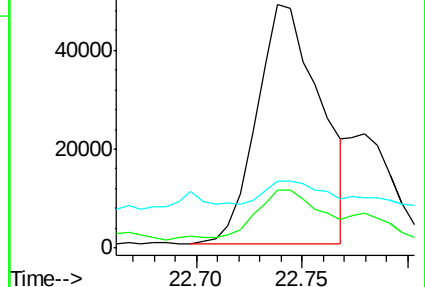
125 27.6 5.4 8.0#

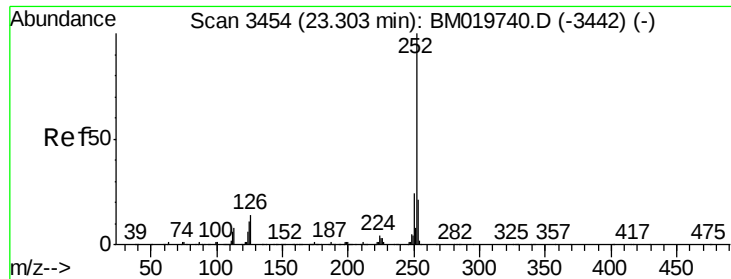


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.175 ng/ul

RT: 23.30 min Scan# 3454

Delta R.T. -0.00 min

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ClientSampleId :

BF5Z3

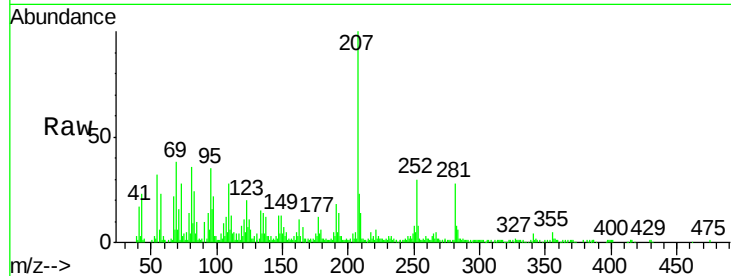
Tgt Ion:252 Resp: 45161

Ion Ratio Lower Upper

252 100

253 27.5 17.2 25.8#

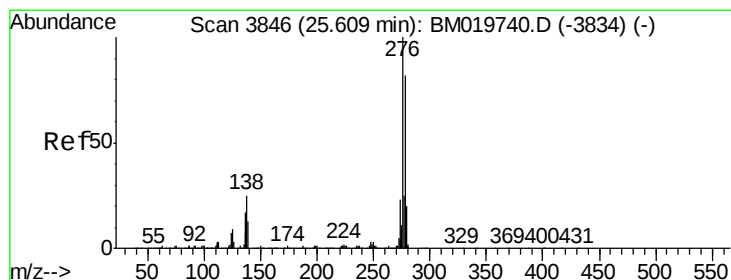
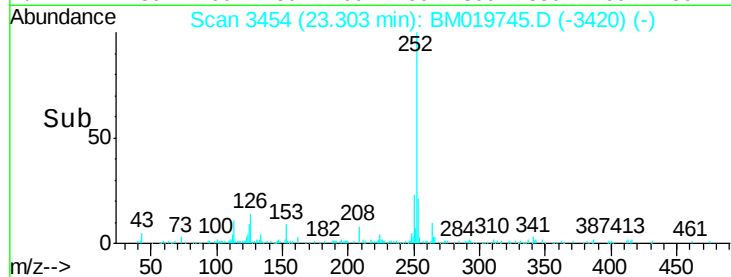
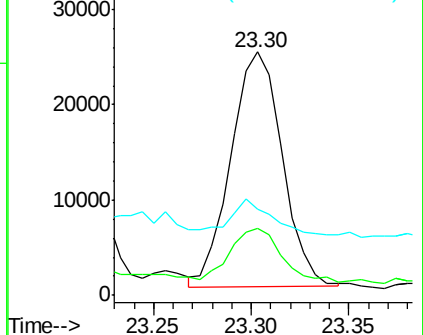
125 35.5 5.8 8.6#



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.061 ng/ul

RT: 25.61 min Scan# 3847

Delta R.T. 0.01 min

Lab File: BM019745.D

Acq: 05 Apr 2019 12:05

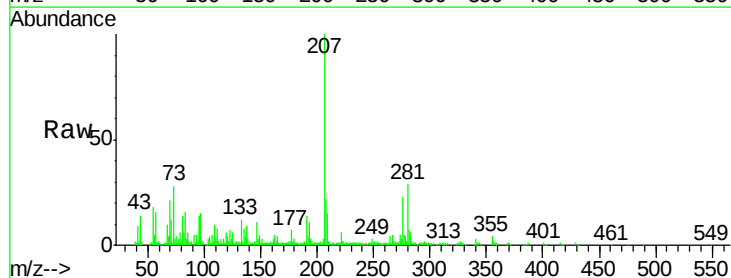
Tgt Ion:276 Resp: 51051

Ion Ratio Lower Upper

276 100

138 28.3 10.9 16.3#

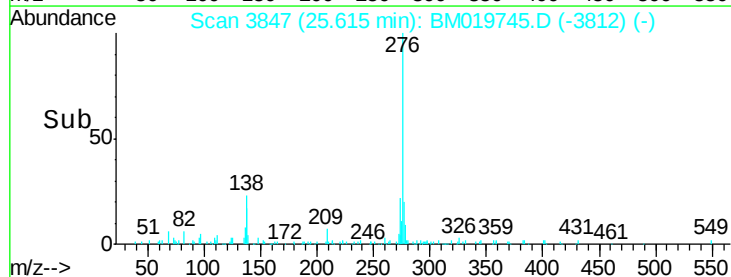
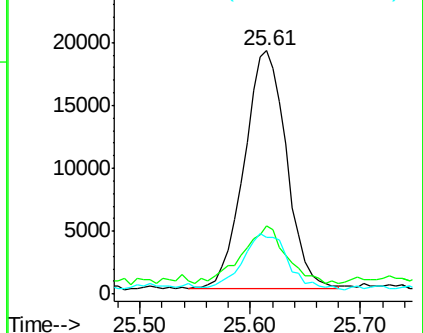
277 23.3 18.9 28.3

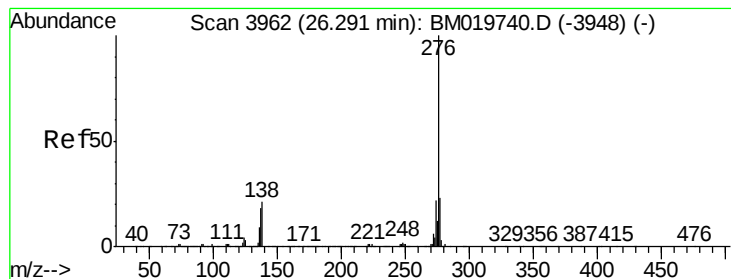


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(g,h,i)perylene

Concen: 1.334 ng/ul

RT: 26.30 min Scan# 3963

Delta R.T. 0.01 min

Lab File: BM019745.D

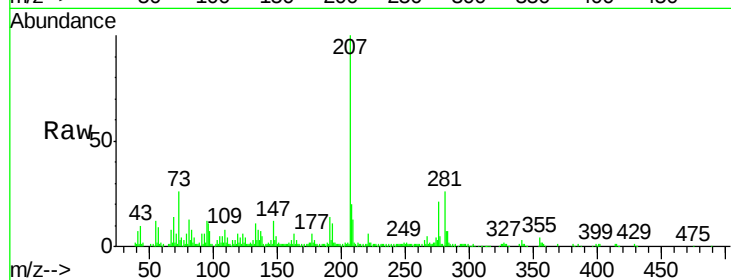
Acq: 05 Apr 2019 12:05

Instrument :

BNA_M

ClientSampleId :

BF5Z3



Tgt Ion:	276	Resp:	53668
Ion	Ratio	Lower	Upper
276	100		
138	22.0	11.2	16.8#
277	22.9	19.0	28.6

