

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
 Data File : BM019813.D
 Acq On : 09 Apr 2019 02:18
 Operator : JU/SJ
 Sample : K2254-19
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFC40

Quant Time: Apr 09 07:18:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 09 07:14:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	160456	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	641977	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	327397	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	667643	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	885081	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	947820	20.00	ng/ul	0.02

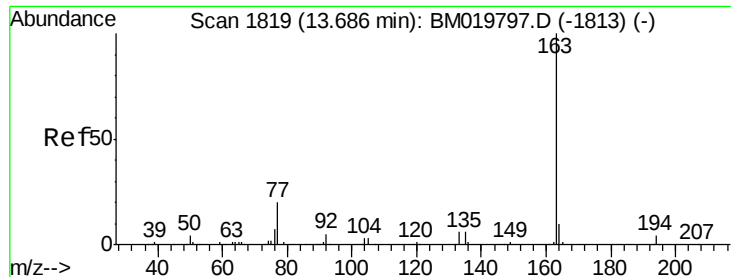
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	27451	6.70	ng/uL	0.00
5) Phenol-d5	6.75	99	170719	11.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	130768	13.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	160279	14.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	130587	12.18	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	73415	16.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	84437	16.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	135300	14.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	129417	11.21	ng/ul	0.00
44) Dimethylphthalate-d6	13.64	166	424898	16.08	ng/ul	0.00
47) Acenaphthylene-d8	13.91	160	518890	15.71	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	43	0.01	ng/ul	-0.02
58) Fluorene-d10	15.22	176	369971	16.26	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.38	200	31500	7.13	ng/ul	0.00
71) Anthracene-d10	17.08	188	555402	17.34	ng/ul	0.00
79) Pyrene-d10	19.39	212	597401	14.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	768537	15.30	ng/ul	0.01

Target Compounds

					Qvalue	
45) Dimethylphthalate	13.69	163	97883	3.693	ng/ul	99
70) Phenanthrene	17.02	178	108379	2.863	ng/ul	98
72) Anthracene	17.02	178	108921	2.820	ng/ul	99
77) Fluoranthene	19.06	202	199724	4.604	ng/ul#	87
80) Pyrene	19.42	202	191517	3.597	ng/ul#	82
81) Butylbenzylphthalate	20.33	149	89795	4.259	ng/ul#	75
83) Benzo(a)anthracene	21.18	228	120016	2.253	ng/ul#	87
84) Bis(2-ethylhexyl)phthalate	21.10	149	563216	18.430	ng/ul	99
85) Chrysene	21.23	228	115251	2.255	ng/ul#	82
88) Benzo(b)fluoranthene	22.75	252	189018	3.274	ng/ul#	1
91) Benzo(a)pyrene	23.32	252	101721	1.843	ng/ul#	1
92) Indeno(1,2,3-cd)pyrene	25.63	276	74983	1.085	ng/ul#	69
94) Benzo(g,h,i)perylene	26.31	276	77297	1.338	ng/ul#	70

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



#45

Dimethylphthalate

Concen: 3.693 ng/ul

RT: 13.69 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BM019813.D

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Instrument :

BNA_M

ClientSampleId :

BFC40

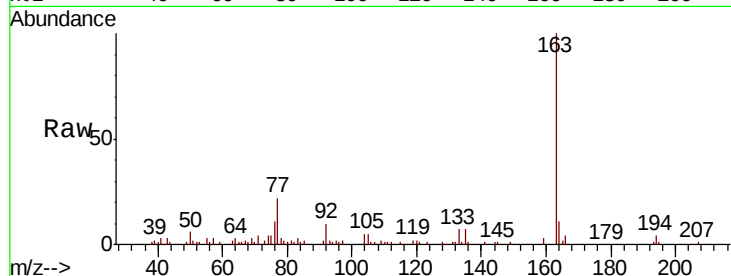
Tgt Ion:163 Resp: 97883

Ion Ratio Lower Upper

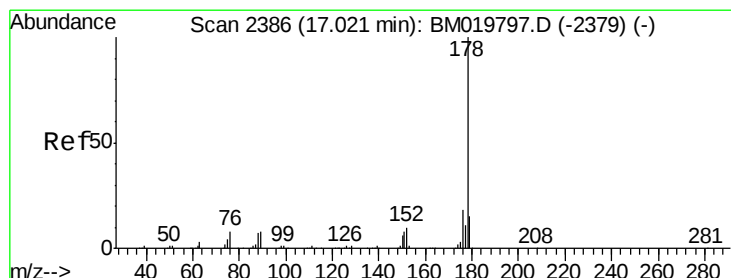
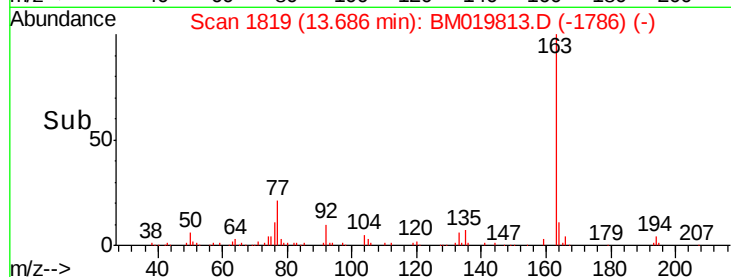
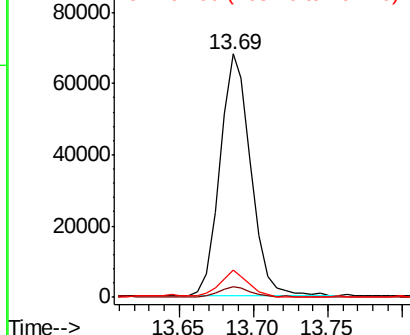
163 100

194 4.4 4.0 6.0

164 11.0 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: 2.863 ng/ul

RT: 17.02 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BM019813.D

Acq: 09 Apr 2019 02:18

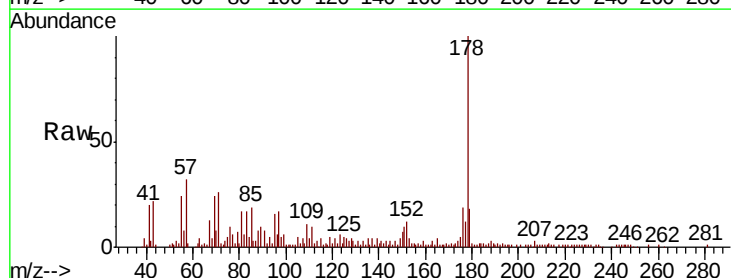
Tgt Ion:178 Resp: 108379

Ion Ratio Lower Upper

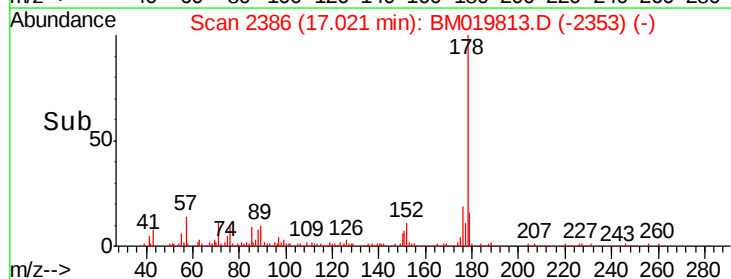
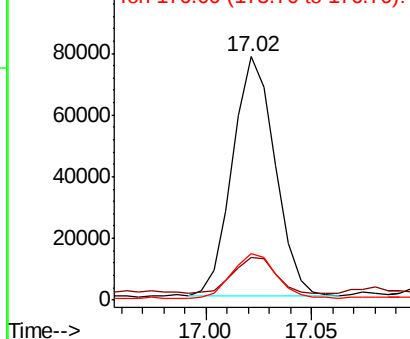
178 100

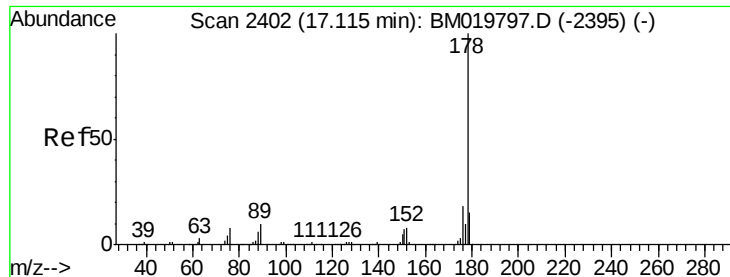
179 17.5 12.3 18.5

176 19.0 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

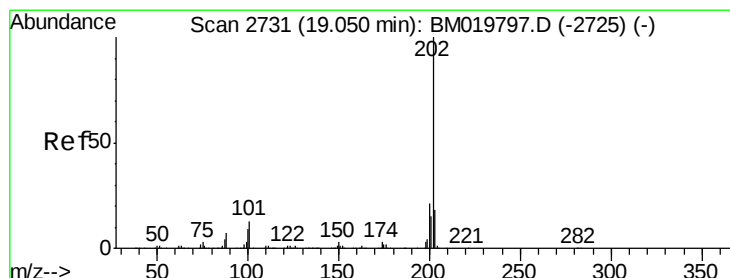
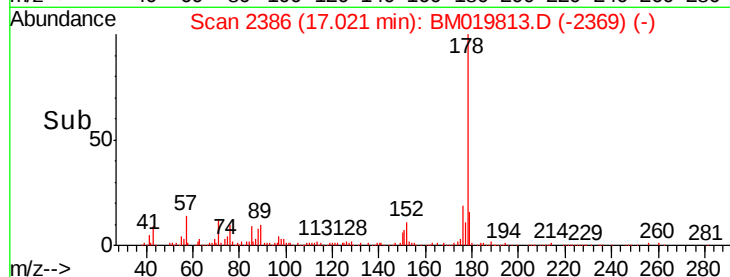
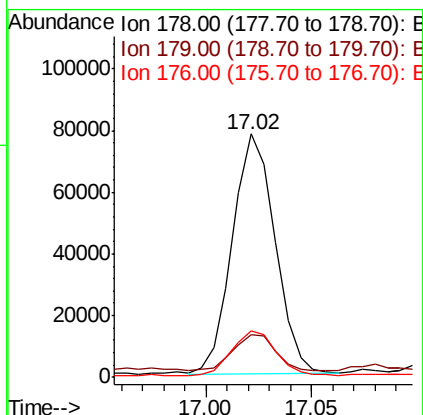
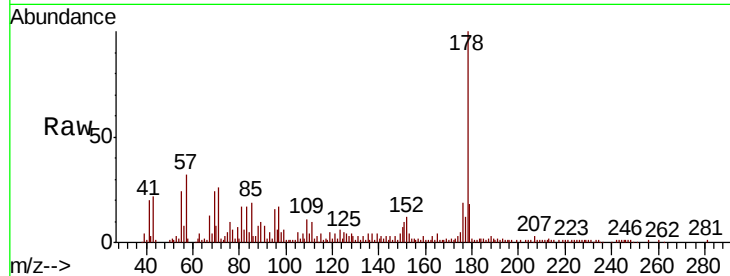




#72
 Anthracene
 Concen: 2.820 ng/ul
 RT: 17.02 min Scan# 2386
 Delta R.T. -0.10 min
 Lab File: BM019813.D
 Acq: 09 Apr 2019 02:18

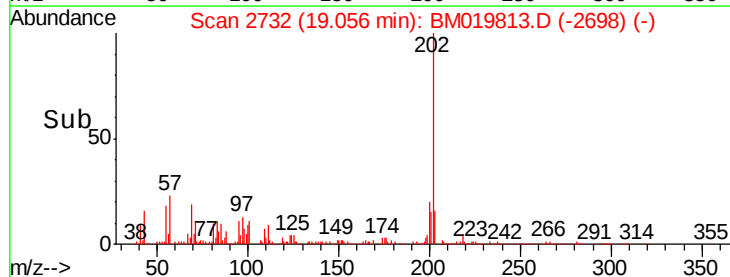
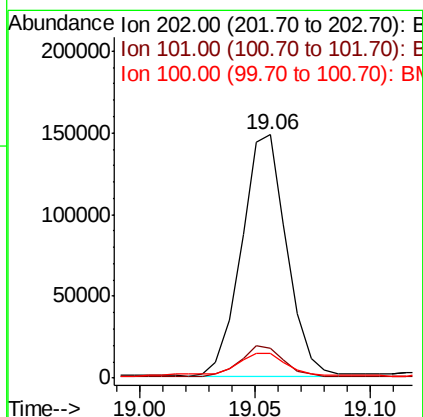
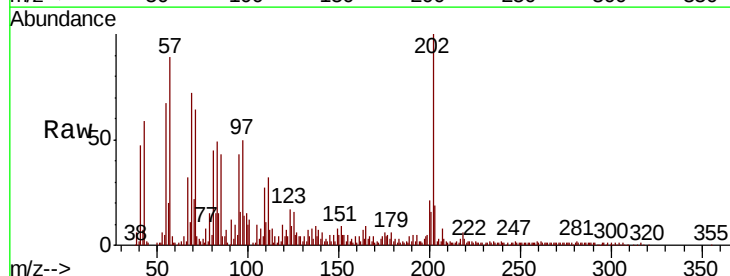
Instrument :
 BNA_M
 ClientSampleId :
 BFC40

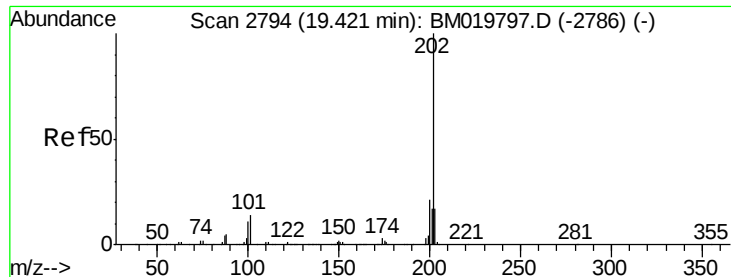
Tgt Ion:178 Resp: 108921
 Ion Ratio Lower Upper
 178 100
 179 17.5 13.4 20.2
 176 19.0 15.4 23.0



#77
 Fluoranthene
 Concen: 4.604 ng/ul
 RT: 19.06 min Scan# 2732
 Delta R.T. -0.00 min
 Lab File: BM019813.D
 Acq: 09 Apr 2019 02:18

Tgt Ion:202 Resp: 199724
 Ion Ratio Lower Upper
 202 100
 101 12.5 6.1 9.1#
 100 10.1 4.6 7.0#

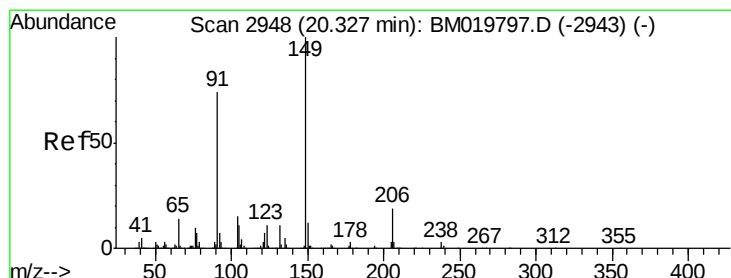
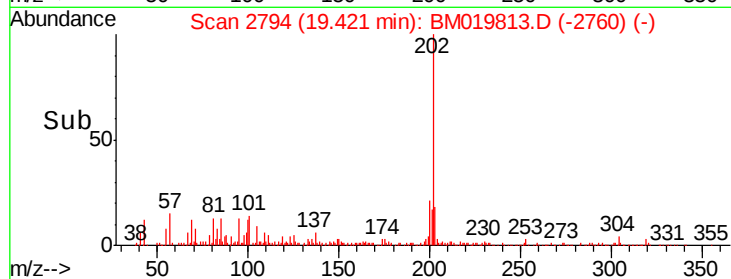
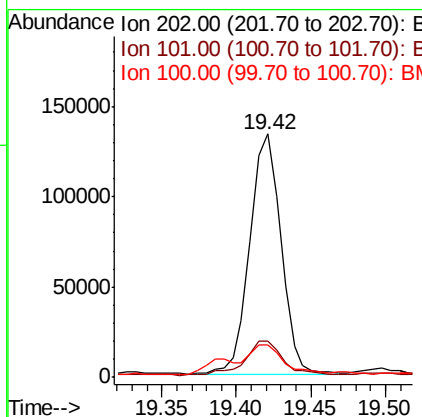
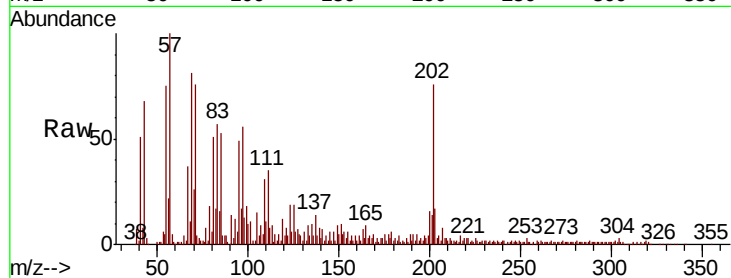




#80
 Pyrene
 Concen: 3.597 ng/ul
 RT: 19.42 min Scan# 2794
 Delta R.T. -0.00 min
 Lab File: BM019813.D
 Acq: 09 Apr 2019 02:18

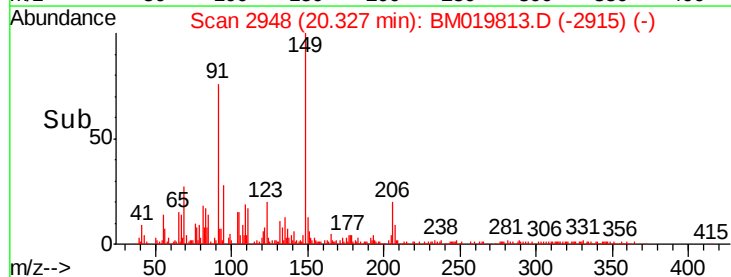
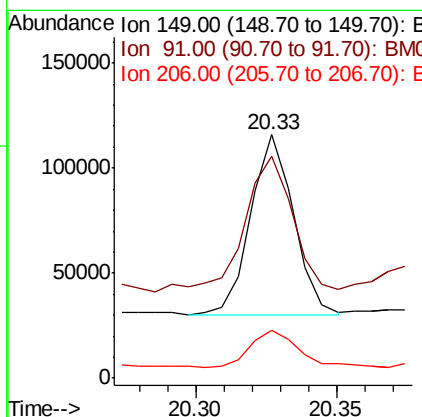
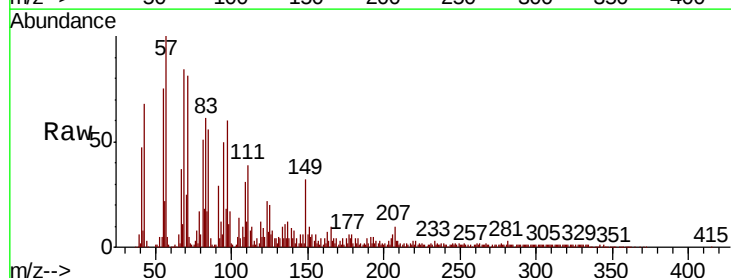
Instrument :
 BNA_M
 ClientSampleId :
 BFC40

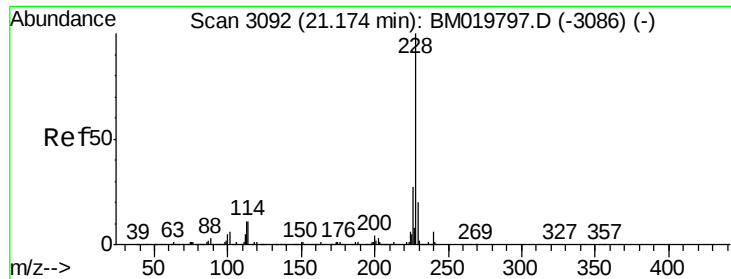
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	191517		
101	14.7	6.9	10.3#	
100	13.4	5.6	8.4#	



#81
 Butylbenzylphthalate
 Concen: 4.259 ng/ul
 RT: 20.33 min Scan# 2948
 Delta R.T. -0.01 min
 Lab File: BM019813.D
 Acq: 09 Apr 2019 02:18

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	89795		
91	91.0	53.4	80.0#	
206	19.8	19.3	28.9	





#83

Benzo(a)anthracene

Concen: 2.253 ng/ul

RT: 21.18 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BM019813.D

Acq: 09 Apr 2019 02:18

Instrument :

BNA_M

ClientSampleId :

BFC40

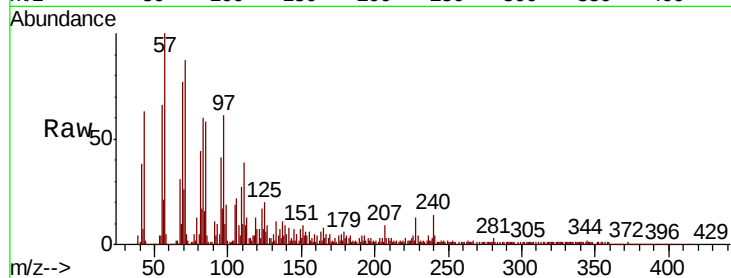
Tgt Ion:228 Resp: 120016

Ion Ratio Lower Upper

228 100

229 31.2 16.0 24.0#

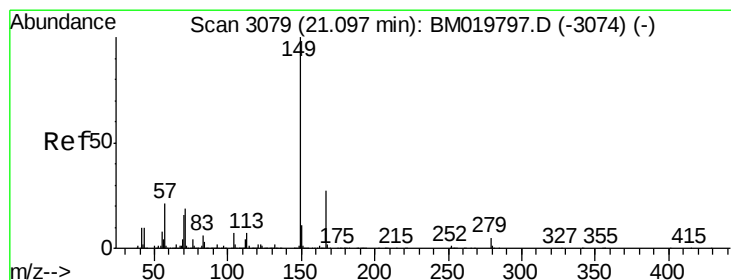
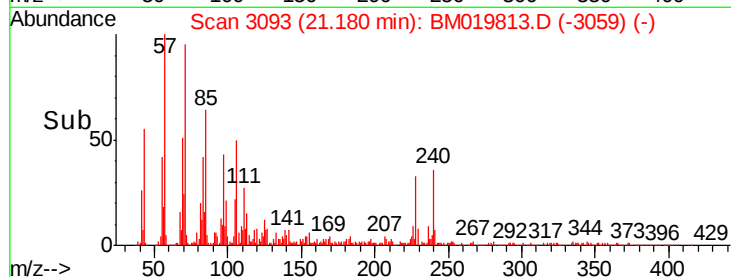
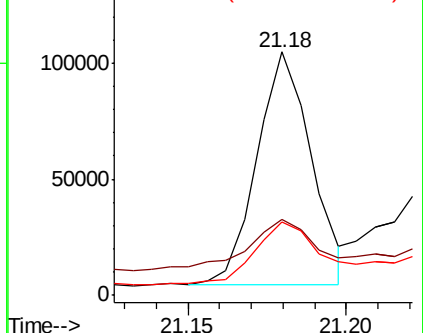
226 30.1 21.8 32.8



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: 18.430 ng/ul

RT: 21.10 min Scan# 3079

Delta R.T. -0.00 min

Lab File: BM019813.D

Acq: 09 Apr 2019 02:18

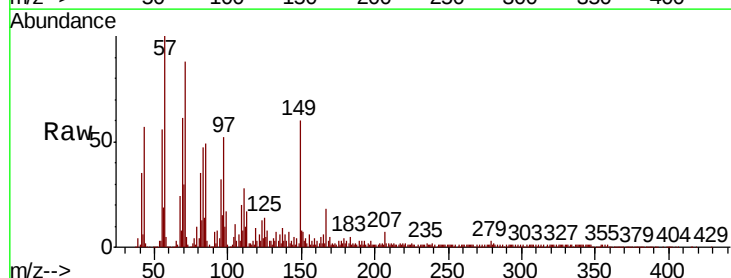
Tgt Ion:149 Resp: 563216

Ion Ratio Lower Upper

149 100

167 29.5 23.0 34.6

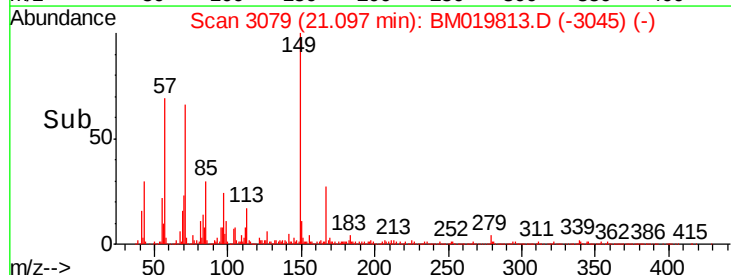
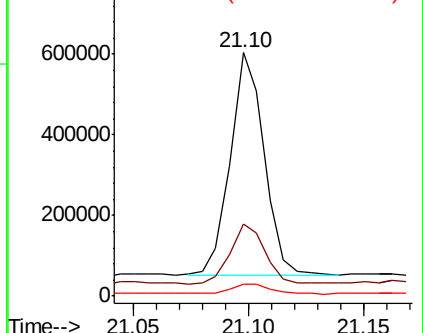
279 4.9 4.3 6.5

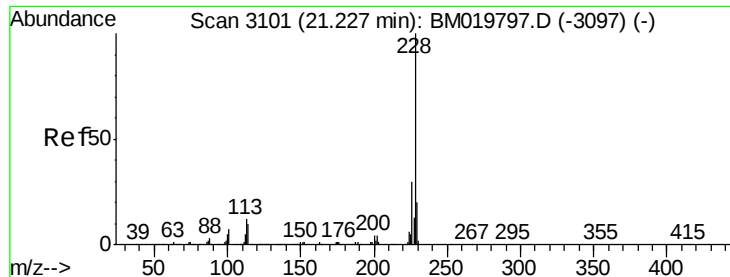


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 2.255 ng/ul

RT: 21.23 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BM019813.D

Acq: 09 Apr 2019 02:18

Instrument :

BNA_M

ClientSampled :

BFC40

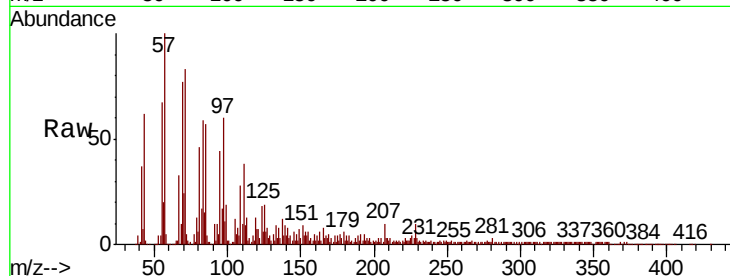
Tgt Ion:228 Resp: 115251

Ion Ratio Lower Upper

228 100

226 35.1 24.1 36.1

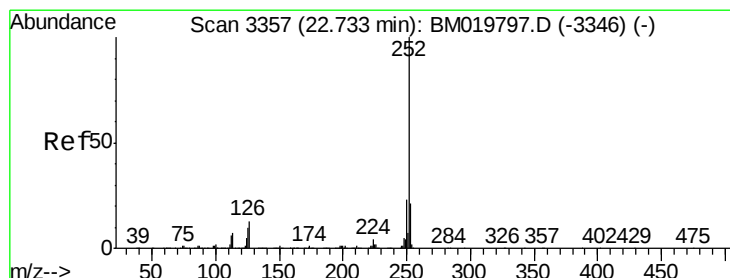
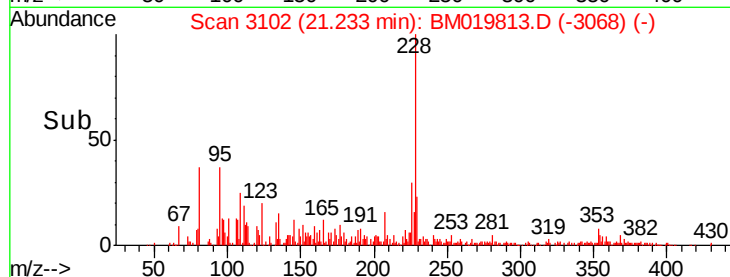
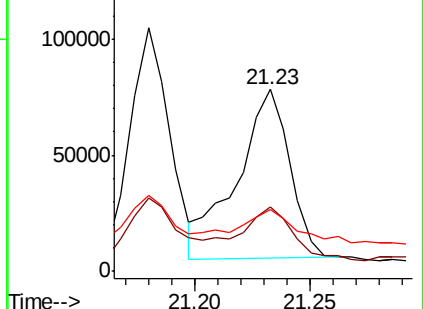
229 34.0 16.0 24.0#



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: 3.274 ng/ul

RT: 22.75 min Scan# 3360

Delta R.T. 0.02 min

Lab File: BM019813.D

Acq: 09 Apr 2019 02:18

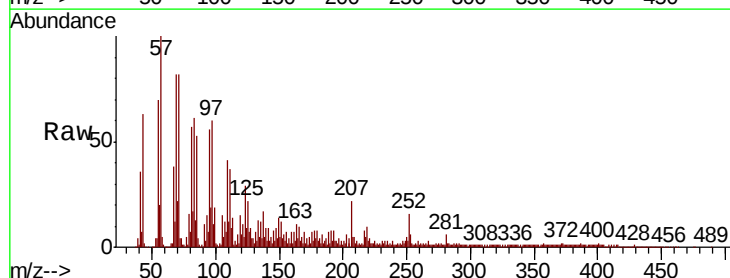
Tgt Ion:252 Resp: 189018

Ion Ratio Lower Upper

252 100

253 38.5 17.4 26.0#

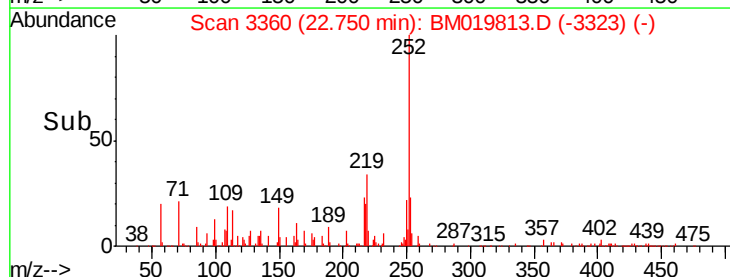
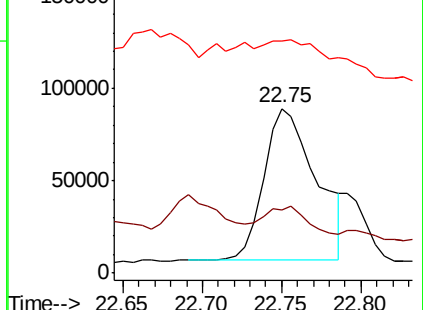
125 140.5 4.9 7.3#

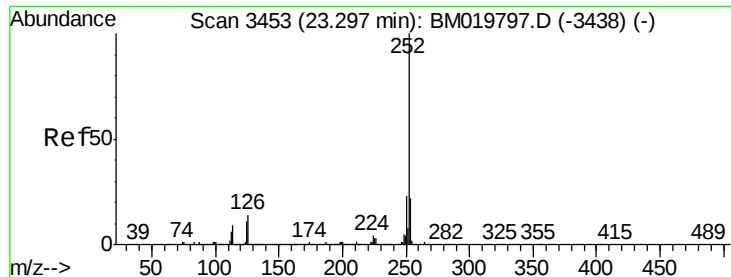


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.843 ng/ul

RT: 23.32 min Scan# 3457

Delta R.T. 0.02 min

Lab File: BM019813.D

Acq: 09 Apr 2019 02:18

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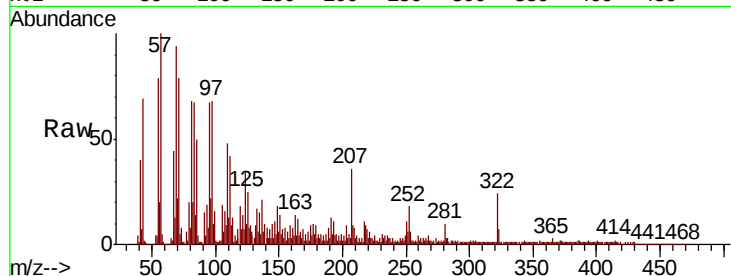
Tgt Ion:252 Resp: 101721

Ion Ratio Lower Upper

252 100

253 36.3 17.2 25.8#

125 141.0 5.8 8.6#

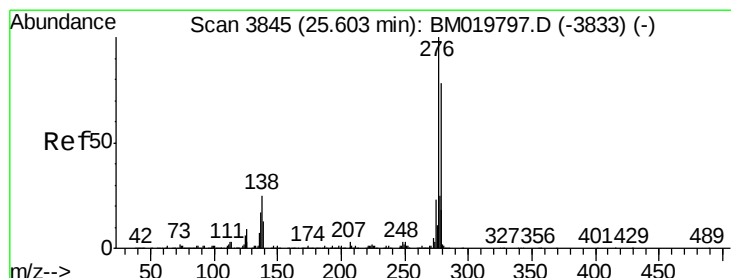
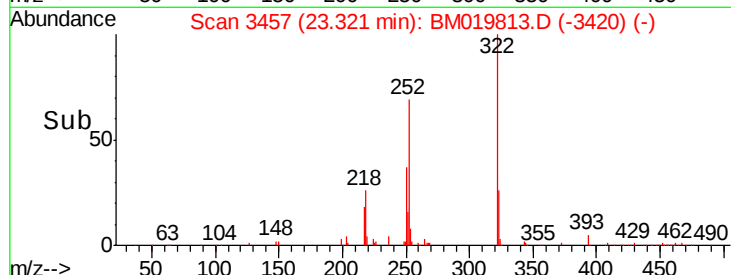
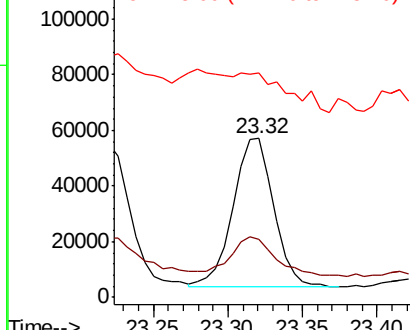


Abundance

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: 1.085 ng/ul

RT: 25.63 min Scan# 3849

Delta R.T. 0.02 min

Lab File: BM019813.D

Acq: 09 Apr 2019 02:18

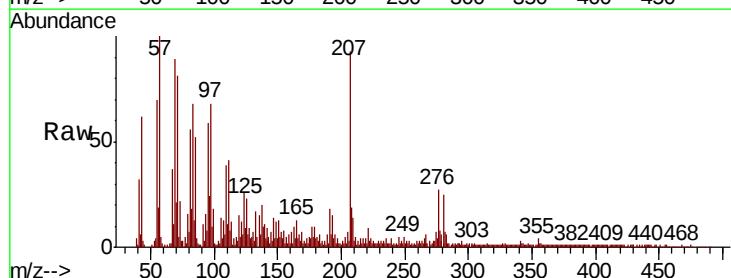
Tgt Ion:276 Resp: 74983

Ion Ratio Lower Upper

276 100

138 37.2 10.9 16.3#

277 30.8 18.9 28.3#

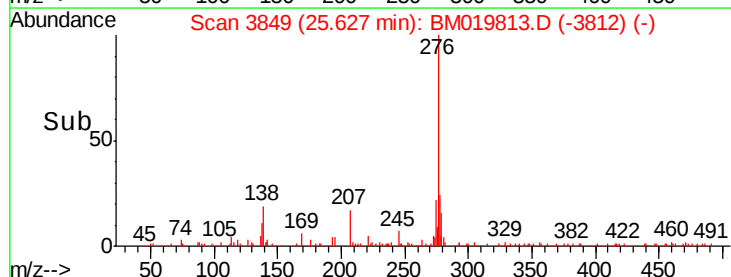
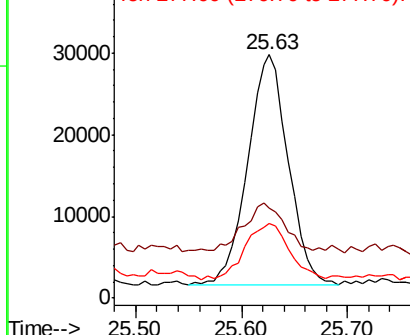


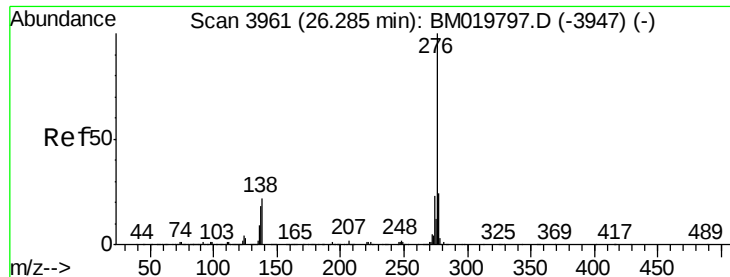
Abundance

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





#94

Benzo(g,h,i)perylene

Concen: 1.338 ng/ul

RT: 26.31 min Scan# 3965

Delta R.T. 0.02 min

Lab File: BM019813.D

Acq: 09 Apr 2019 02:18

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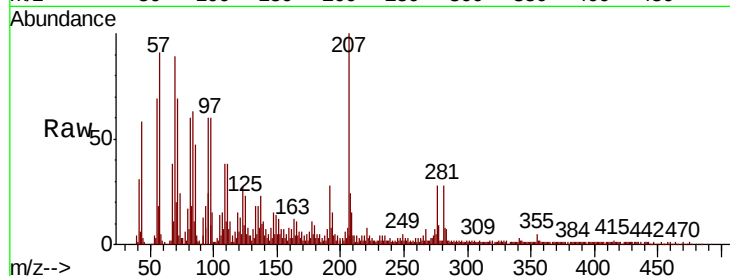
Tgt Ion:276 Resp: 77297

Ion Ratio Lower Upper

276 100

138 36.9 11.2 16.8#

277 30.8 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

