

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM033019\
 Data File : BM019638.D
 Acq On : 31 Mar 2019 02:33
 Operator : JU/SJ
 Sample : K2068-16
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 31 03:24:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Mar 31 02:55:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	143767	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.35	136	656833	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	375058	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	859143	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	1120864	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	1351761	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	15643	4.26	ng/uL	0.00
5) Phenol-d5	6.76	99	162335	12.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	112432	13.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	130854	13.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	125034	13.01	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	61135	13.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	68997	13.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	116684	11.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	155084	13.12	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	425091	14.05	ng/ul	-0.01
47) Acenaphthylene-d8	13.92	160	501649	13.26	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.50	143	28271	5.96	ng/ul	0.02
58) Fluorene-d10	15.23	176	363128	13.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	38214	6.73	ng/ul	0.00
71) Anthracene-d10	17.09	188	558557	13.55	ng/ul	0.00
79) Pyrene-d10	19.40	212	649325	12.54	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	865548	12.08	ng/ul	0.00

Target Compounds

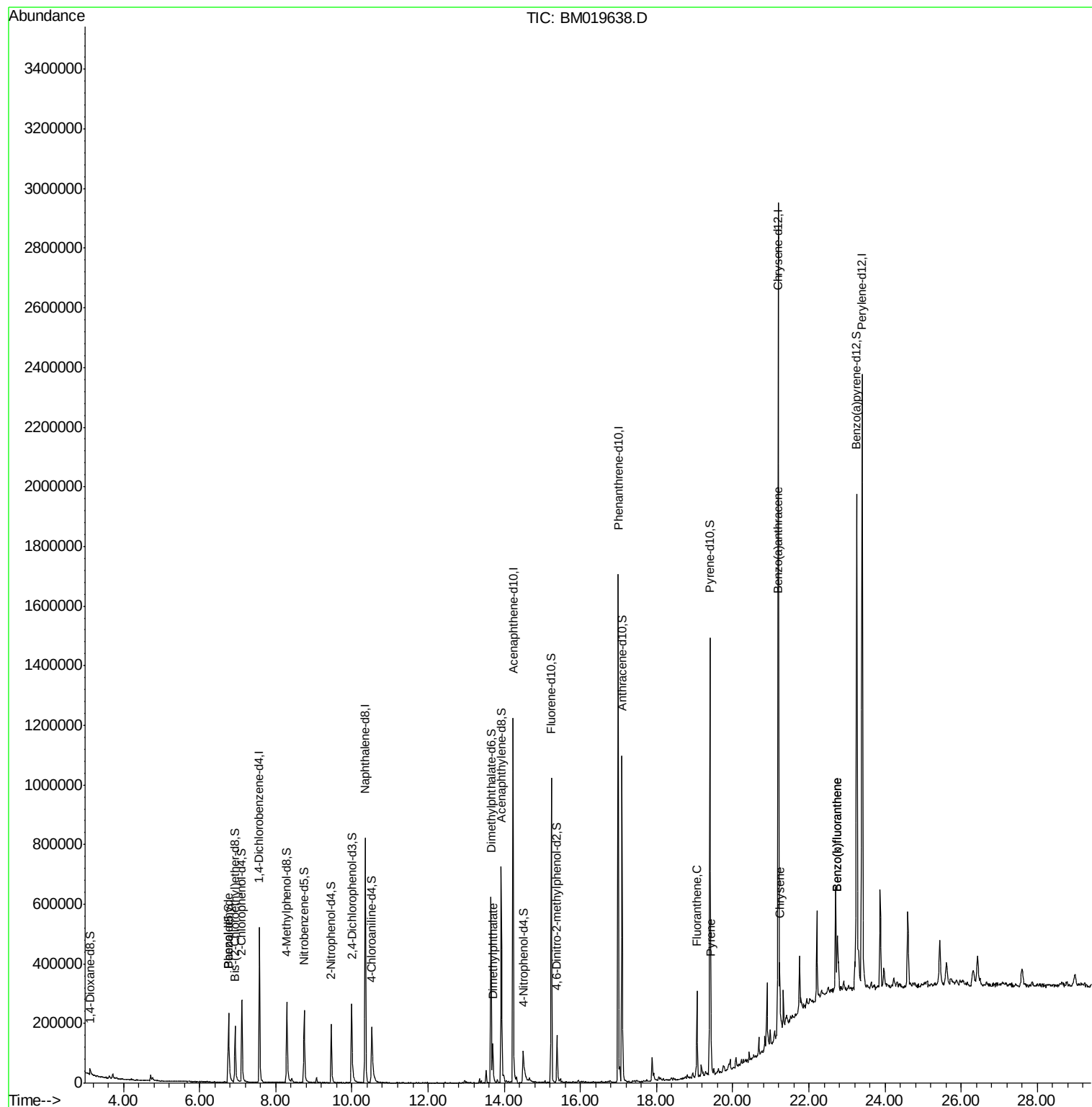
					Ovalue	
4) Benzaldehyde	6.75	77	12087	1.318	ng/ul	85
45) Dimethylphthalate	13.70	163	81439	2.682	ng/ul#	97
77) Fluoranthene	19.06	202	149533	2.679	ng/ul#	84
80) Pyrene	19.43	202	123858	1.837	ng/ul#	81
83) Benzo(a)anthracene	21.18	228	84890	1.258	ng/ul	98
85) Chrysene	21.23	228	99719	1.540	ng/ul	97
88) Benzo(b)fluoranthene	22.74	252	132311	1.607	ng/ul#	93
89) Benzo(k)fluoranthene	22.74	252	132311	1.673	ng/ul#	93

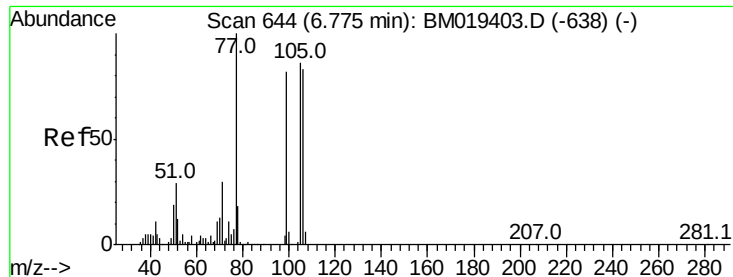
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.318 ng/ul

RT: 6.75 min Scan# 640

Delta R.T. 0.01 min

Lab File: BM019638.D

Acq: 31 Mar 2019 02:33

Instrument :

BNA_M

ClientSampleId :

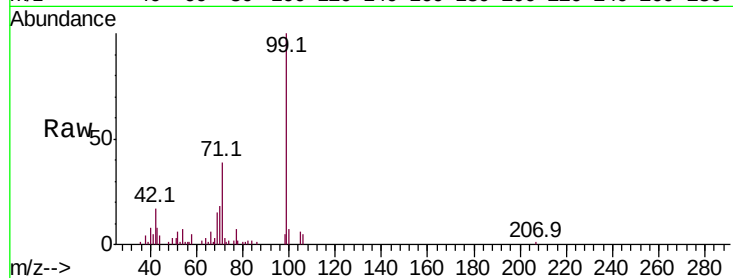
Tot Ion: 77 Resp: 12087

Ion Ratio Lower Upper

77 100

105 76.5 71.0 106.6

106 72.1 69.5 104.3



Abundance Ion 77.00 (76.70 to 77.70): BM019638.D (-605) (-)

6000

Ion 105.00 (104.70 to 105.70): BM019638.D (-605) (-)

5000

Ion 106.00 (105.70 to 106.70): BM019638.D (-605) (-)

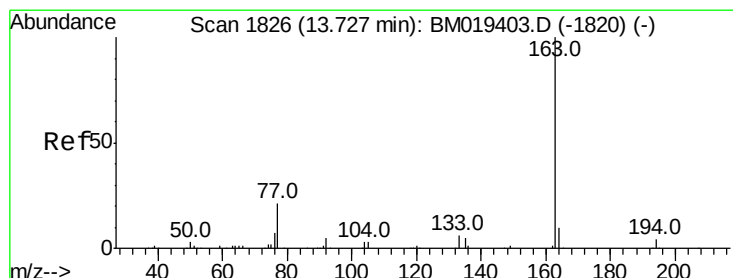
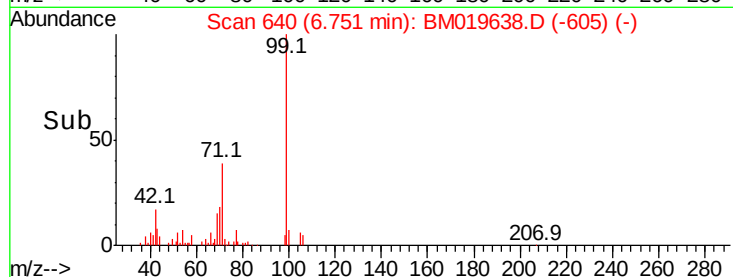
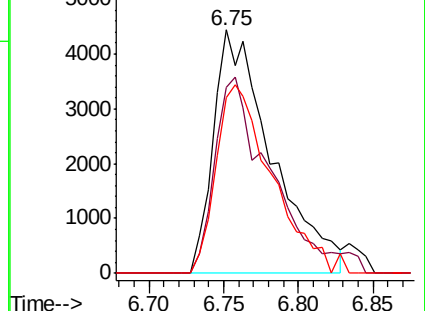
4000

3000

2000

1000

0



#45

Dimethylphthalate

Concen: 2.682 ng/ul

RT: 13.70 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BM019638.D

Acq: 31 Mar 2019 02:33

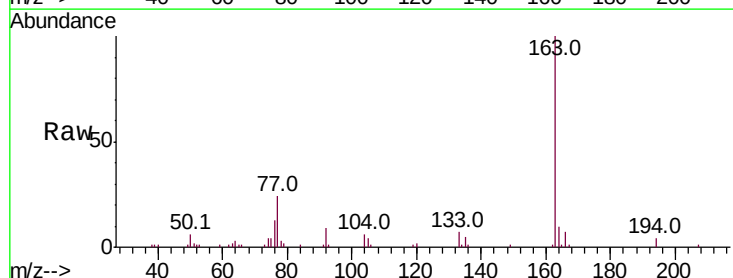
Tgt Ion: 163 Resp: 81439

Ion Ratio Lower Upper

163 100

194 3.8 4.0 6.0#

164 9.7 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): BM019638.D (-1789) (-)

60000

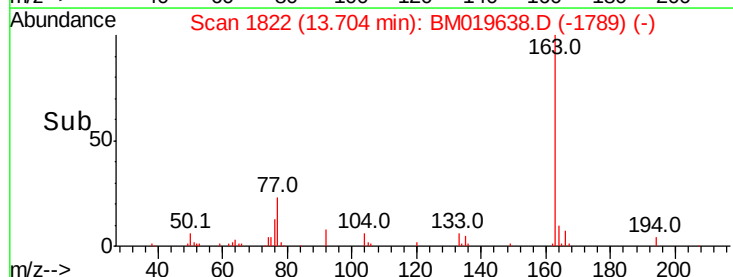
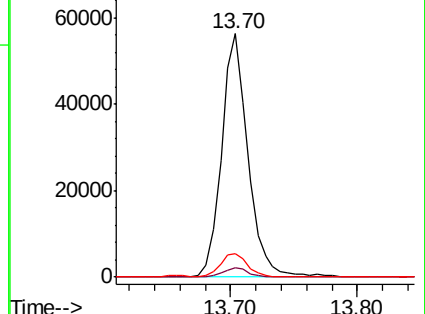
Ion 194.00 (193.70 to 194.70): BM019638.D (-1789) (-)

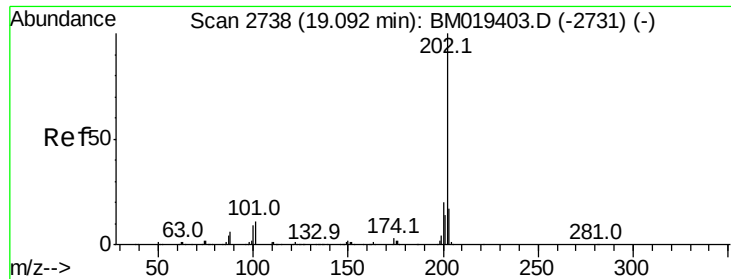
40000

Ion 164.00 (163.70 to 164.70): BM019638.D (-1789) (-)

20000

0

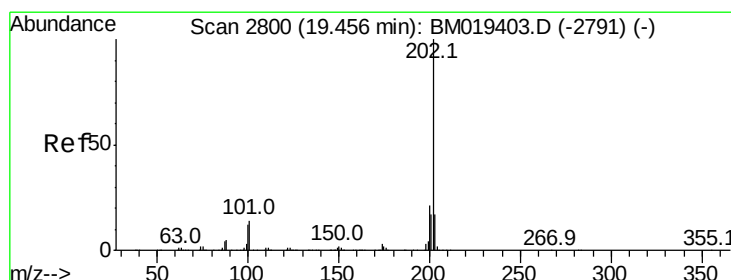
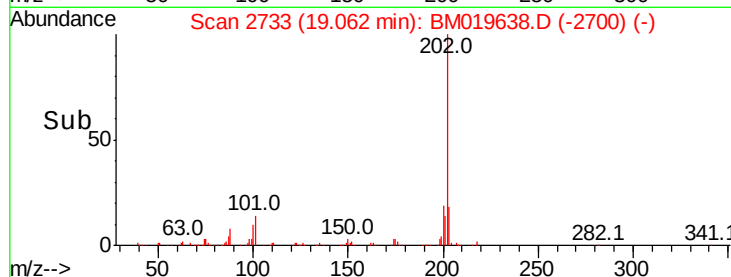
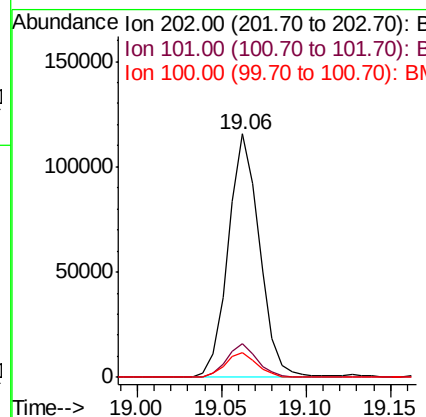
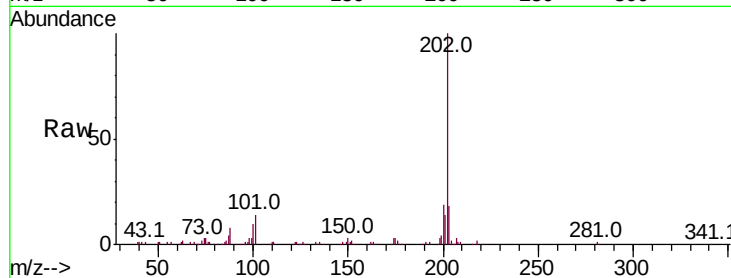




#77
 Fluoranthene
 Concen: 2.679 ng/ul
 RT: 19.06 min Scan# 2733
 Delta R.T. -0.01 min
 Lab File: BM019638.D
 Acq: 31 Mar 2019 02:33

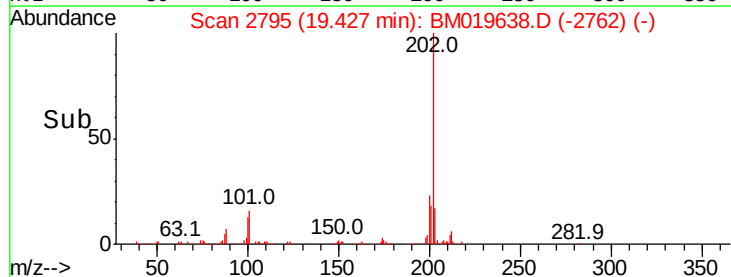
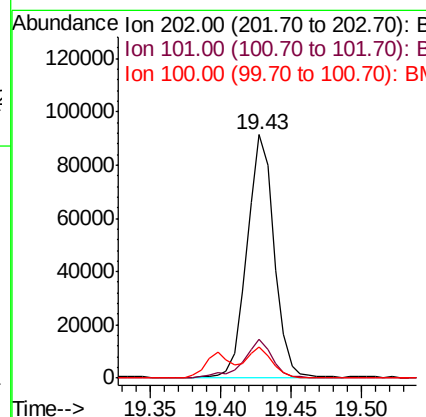
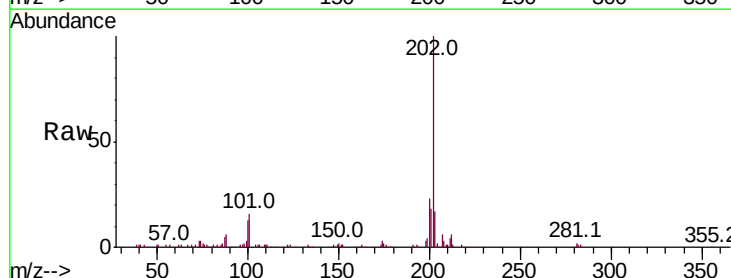
Instrument :
 BNA_M
 ClientSampleId :

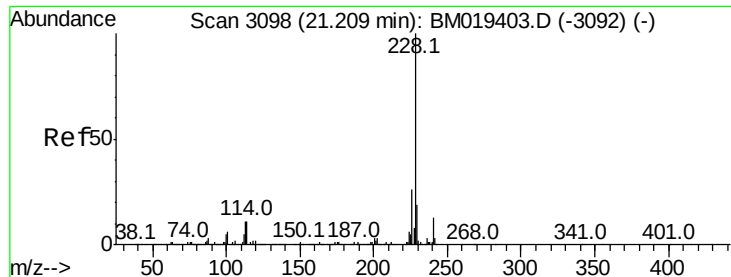
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.9	6.1	9.1#
100	10.2	4.6	7.0#



#80
 Pyrene
 Concen: 1.837 ng/ul
 RT: 19.43 min Scan# 2795
 Delta R.T. -0.01 min
 Lab File: BM019638.D
 Acq: 31 Mar 2019 02:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.9	6.9	10.3#
100	12.9	5.6	8.4#

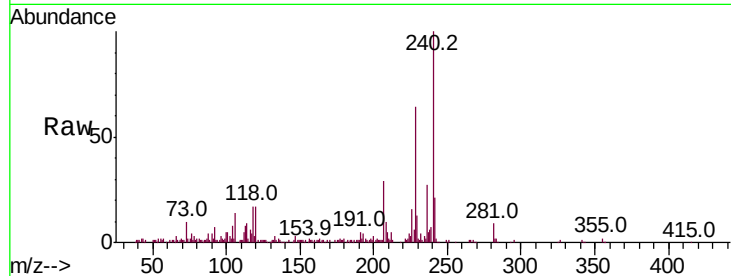




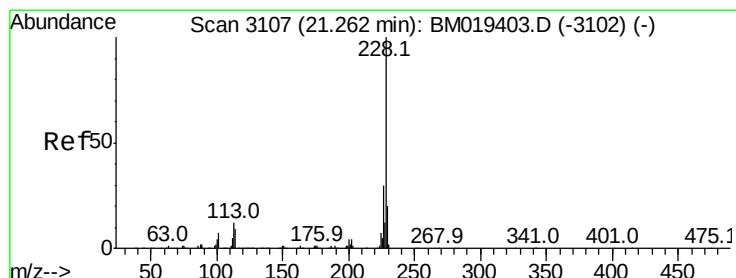
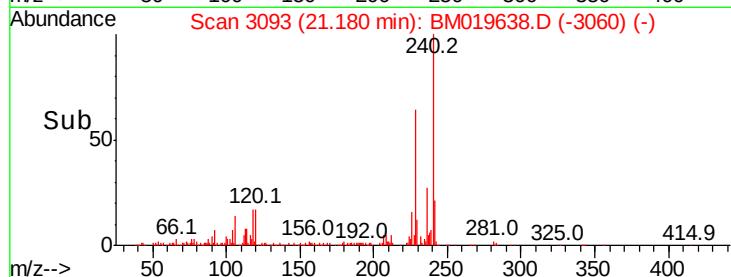
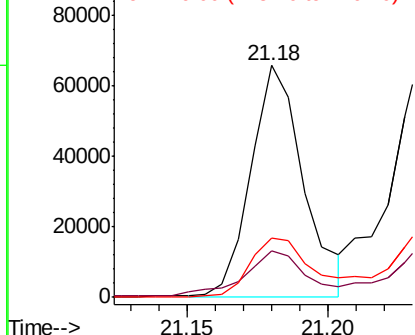
#83
Benzo(a)anthracene
Concen: 1.258 ng/ul
RT: 21.18 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM019638.D
Acq: 31 Mar 2019 02:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion:228 Resp: 84890
Ion Ratio Lower Upper
228 100
229 20.1 16.0 24.0
226 25.6 21.8 32.8

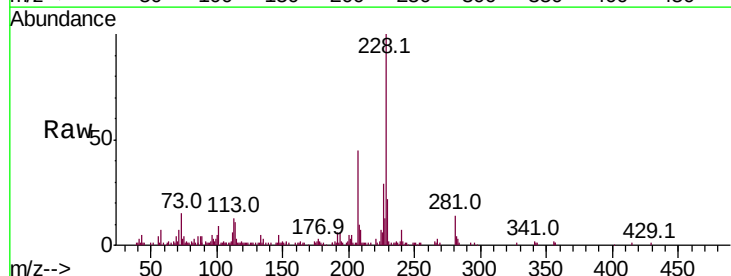


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

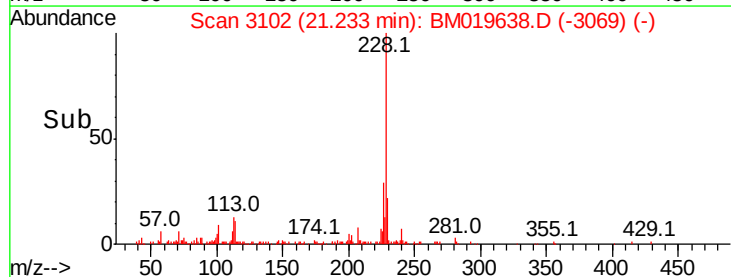
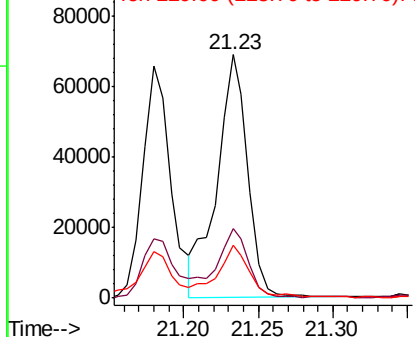


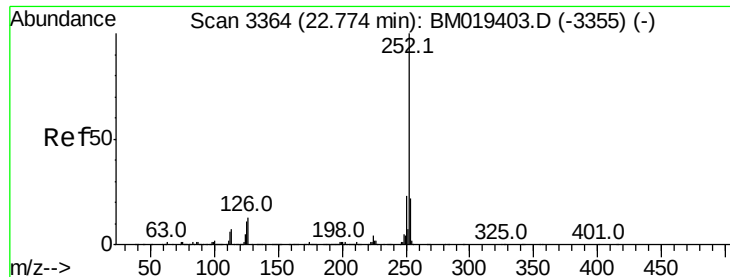
#85
Chrysene
Concen: 1.540 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM019638.D
Acq: 31 Mar 2019 02:33

Tgt Ion:228 Resp: 99719
Ion Ratio Lower Upper
228 100
226 28.5 24.1 36.1
229 21.5 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: 1.607 ng/ul

RT: 22.74 min Scan# 3359

Delta R.T. 0.00 min

Lab File: BM019638.D

Acq: 31 Mar 2019 02:33

Instrument :

BNA_M

ClientSampleId :

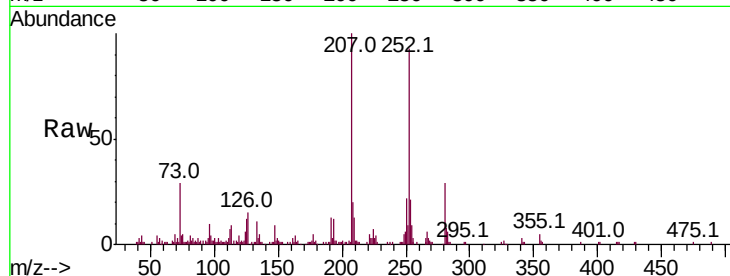
Tot Ion:252 Resp: 132311

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.0

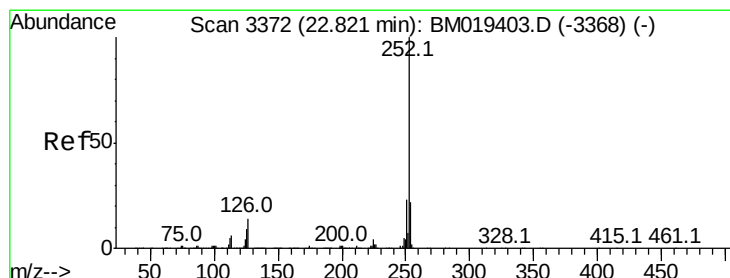
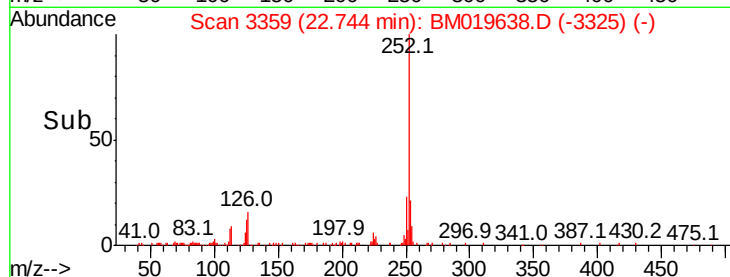
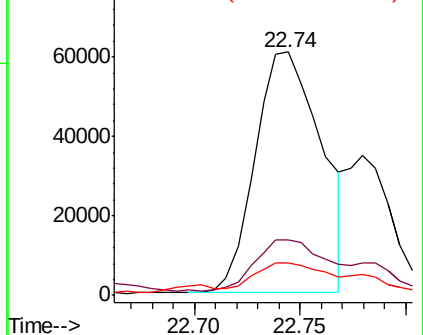
125 13.3 4.9 7.3#



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: 1.673 ng/ul

RT: 22.74 min Scan# 3359

Delta R.T. -0.05 min

Lab File: BM019638.D

Acq: 31 Mar 2019 02:33

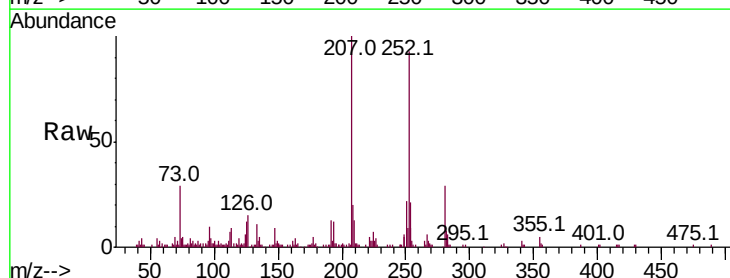
Tgt Ion:252 Resp: 132311

Ion Ratio Lower Upper

252 100

253 22.9 17.1 25.7

125 13.3 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

