

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM033019\
 Data File : BM019621.D
 Acq On : 30 Mar 2019 16:13
 Operator : JU/SJ
 Sample : K2065-20
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 30 21:31:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 29 14:33:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	129380	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	577255	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	325540	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	741679	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	937877	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	1143467	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	20055	6.07	ng/uL	0.00
5) Phenol-d5	6.76	99	214160	18.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	148225	19.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	177361	20.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	171835	19.87	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	80145	19.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	90750	19.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	155267	17.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	194843	18.76	ng/ul	0.00
44) Dimethylphthalate-d6	13.66	166	543062	20.67	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	625292	19.04	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	47012	11.42	ng/ul	0.02
58) Fluorene-d10	15.23	176	457885	20.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	46301	9.44	ng/ul	0.00
71) Anthracene-d10	17.09	188	694682	19.52	ng/ul	0.00
79) Pyrene-d10	19.40	212	798731	18.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	1064363	17.56	ng/ul	0.00

Target Compounds

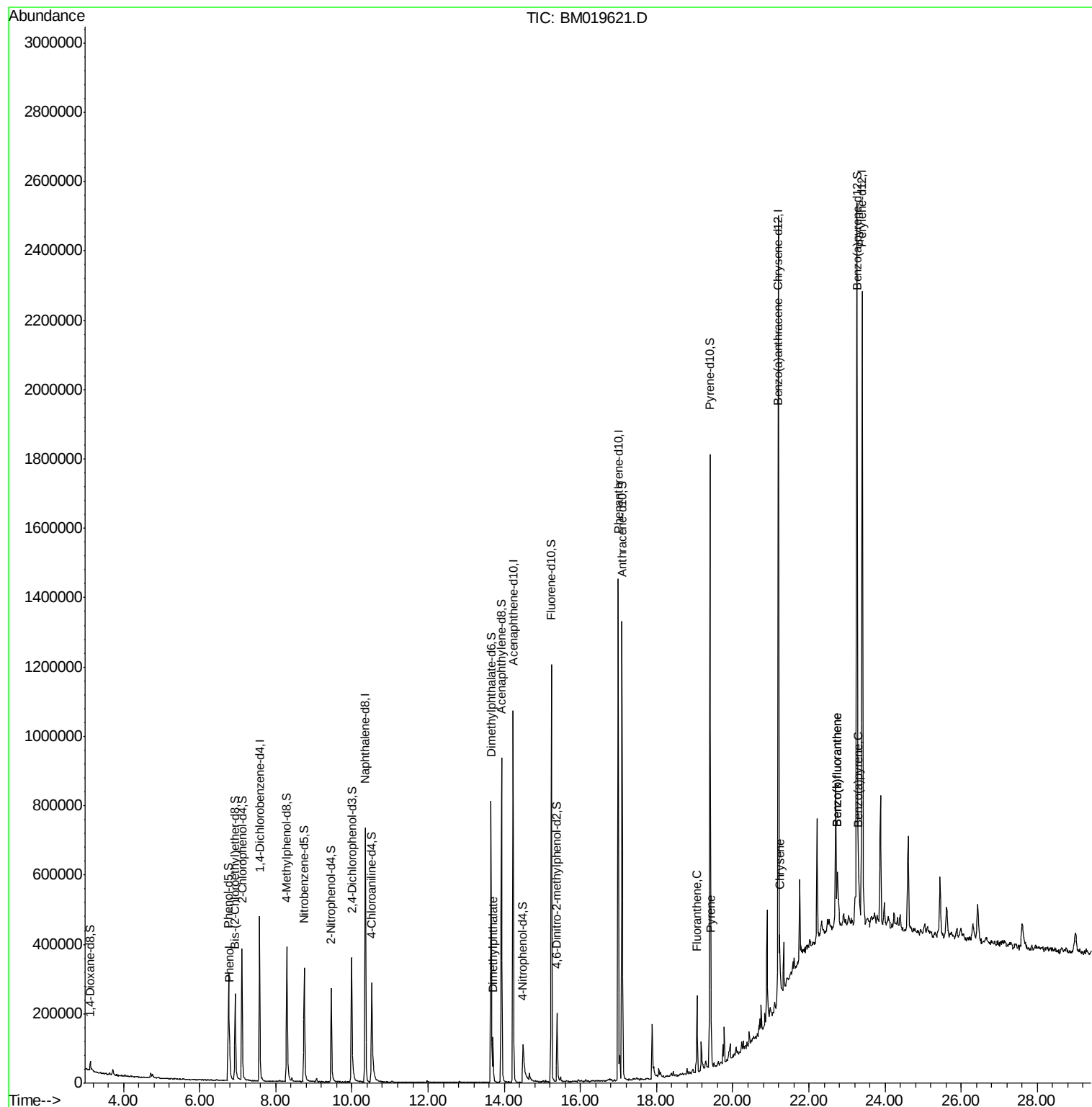
					Ovalue	
6) Phenol	6.79	94	52159	4.338	ng/ul#	88
45) Dimethylphthalate	13.70	163	78705	2.986	ng/ul	98
77) Fluoranthene	19.06	202	114156	2.369	ng/ul#	88
80) Pyrene	19.43	202	124535	2.207	ng/ul#	78
83) Benzo(a)anthracene	21.19	228	61830	1.095	ng/ul	96
85) Chrysene	21.24	228	85429	1.577	ng/ul	99
88) Benzo(b)fluoranthene	22.74	252	119585	1.717	ng/ul#	88
89) Benzo(k)fluoranthene	22.74	252	119585	1.788	ng/ul#	87
91) Benzo(a)pyrene	23.31	252	72565	1.090	ng/ul#	90

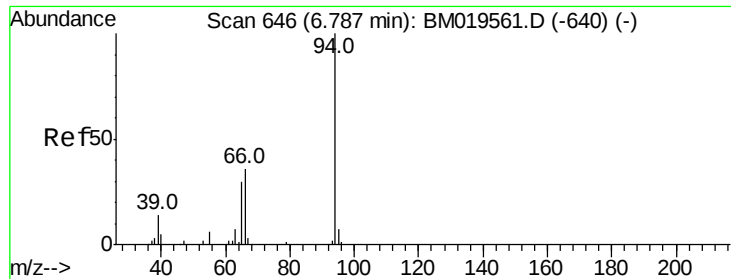
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 4.338 ng/ul

RT: 6.79 min Scan# 646

Delta R.T. 0.00 min

Lab File: BM019621.D

Acq: 30 Mar 2019 16:13

Instrument :

BNA_M

ClientSampleId :

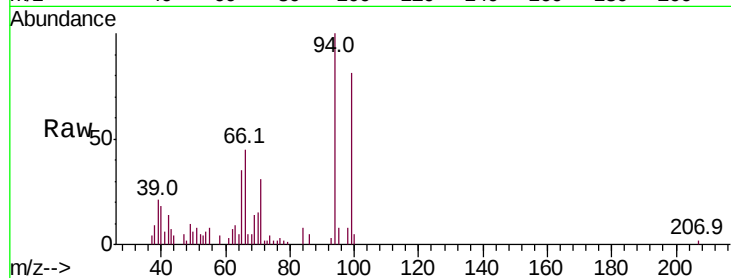
Tot Ion: 94 Resp: 52159

Ion Ratio Lower Upper

94 100

65 35.5 23.0 34.6#

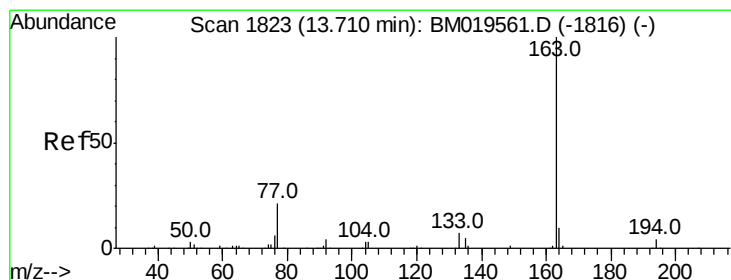
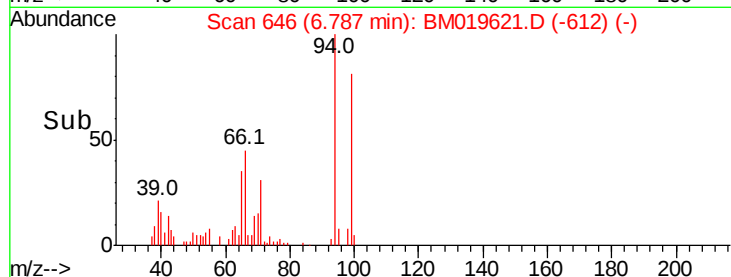
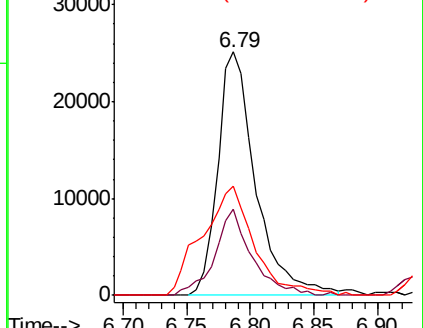
66 45.1 30.4 45.6



Abundance Ion 94.00 (93.70 to 94.70): BM019561.D (-640) (-)

Ion 65.00 (64.70 to 65.70): BM019561.D (-640) (-)

Ion 66.00 (65.70 to 66.70): BM019561.D (-640) (-)



#45

Dimethylphthalate

Concen: 2.986 ng/ul

RT: 13.70 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BM019621.D

Acq: 30 Mar 2019 16:13

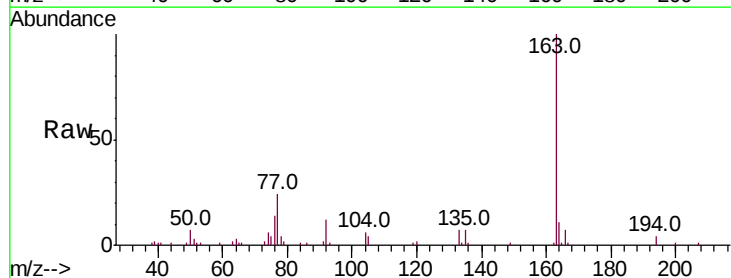
Tgt Ion:163 Resp: 78705

Ion Ratio Lower Upper

163 100

194 4.2 4.0 6.0

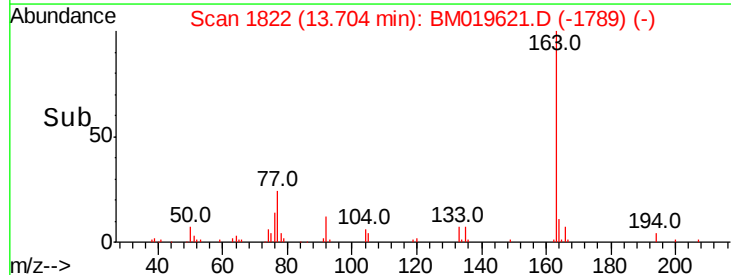
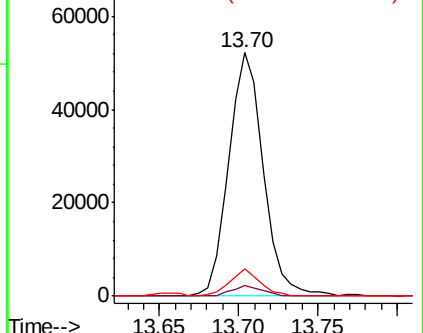
164 11.0 8.4 12.6

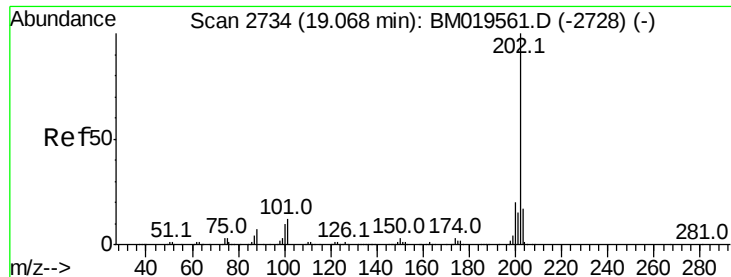


Abundance Ion 163.00 (162.70 to 163.70): BM019561.D (-1816) (-)

Ion 194.00 (193.70 to 194.70): BM019561.D (-1816) (-)

Ion 164.00 (163.70 to 164.70): BM019561.D (-1816) (-)





#77

Fluoranthene

Concen: 2.369 ng/ul

RT: 19.06 min Scan# 2733

Delta R.T. -0.01 min

Lab File: BM019621.D

Acq: 30 Mar 2019 16:13

Instrument :

BNA_M

ClientSampled :

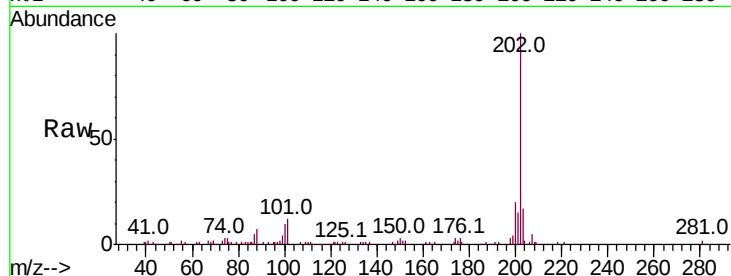
Tot Ion:202 Resp: 114156

Ion Ratio Lower Upper

202 100

101 12.0 6.1 9.1#

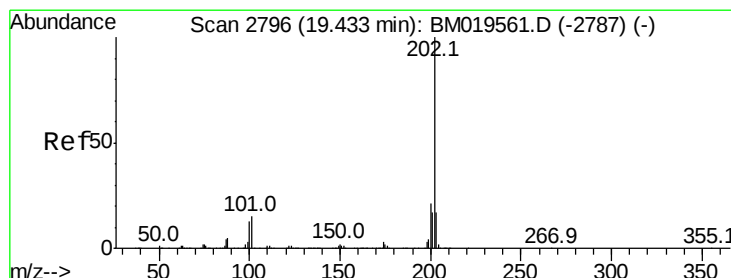
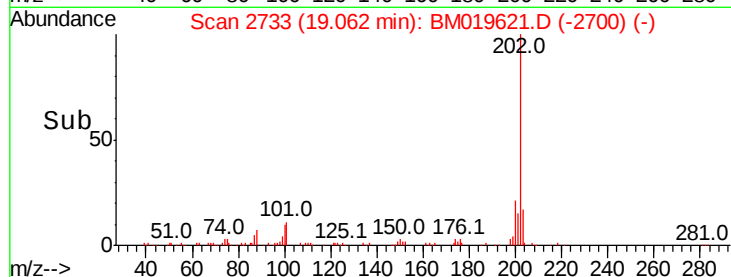
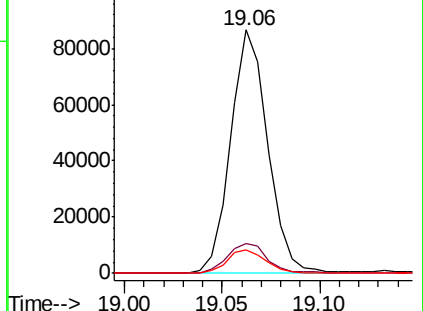
100 9.8 4.6 7.0#



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: 2.207 ng/ul

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM019621.D

Acq: 30 Mar 2019 16:13

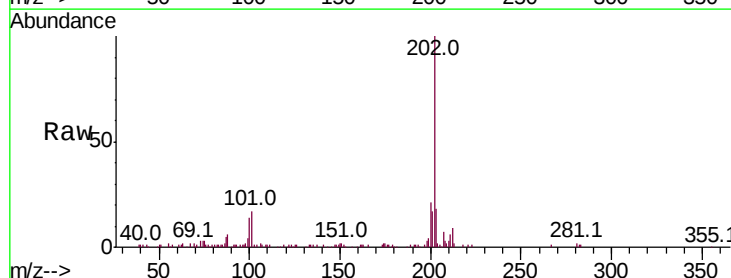
Tgt Ion:202 Resp: 124535

Ion Ratio Lower Upper

202 100

101 16.9 6.9 10.3#

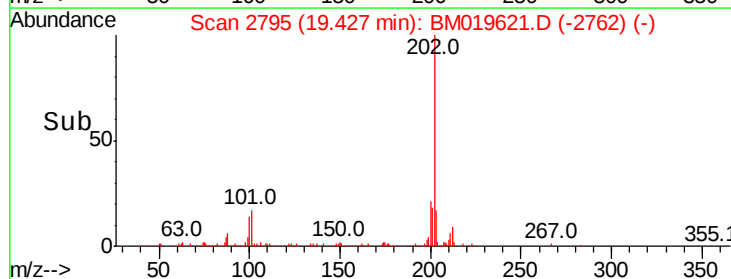
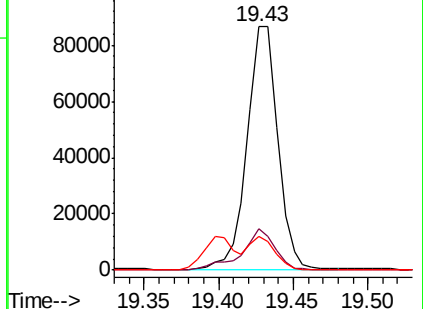
100 13.7 5.6 8.4#

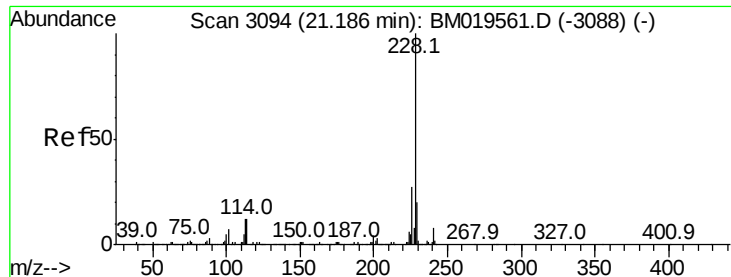


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 1.095 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BM019621.D

Acq: 30 Mar 2019 16:13

Instrument :

BNA_M

ClientSampleId :

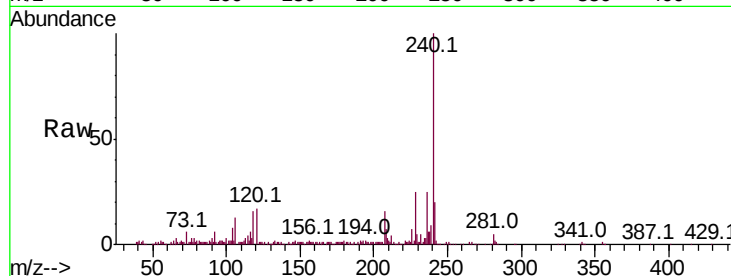
Tot Ion:228 Resp: 61830

Ion Ratio Lower Upper

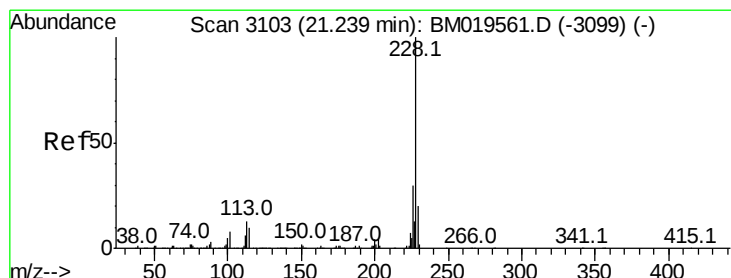
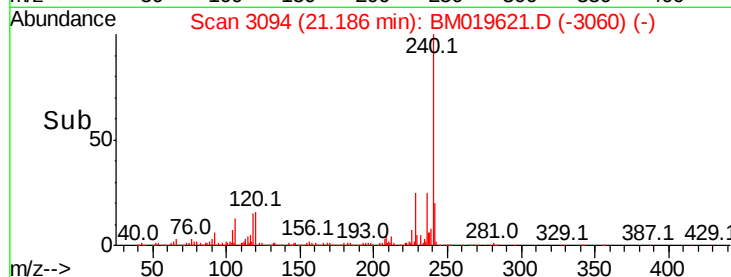
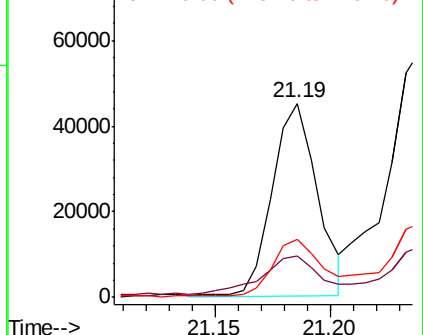
228 100

229 21.2 16.0 24.0

226 30.0 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: 1.577 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. 0.00 min

Lab File: BM019621.D

Acq: 30 Mar 2019 16:13

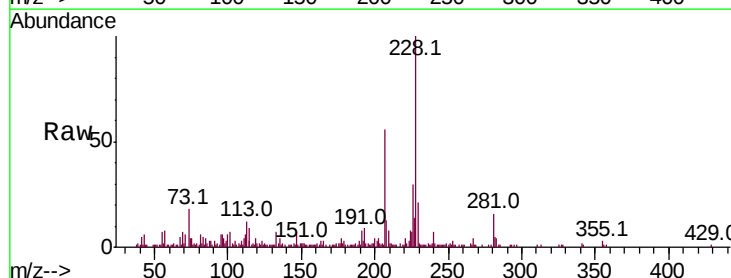
Tgt Ion:228 Resp: 85429

Ion Ratio Lower Upper

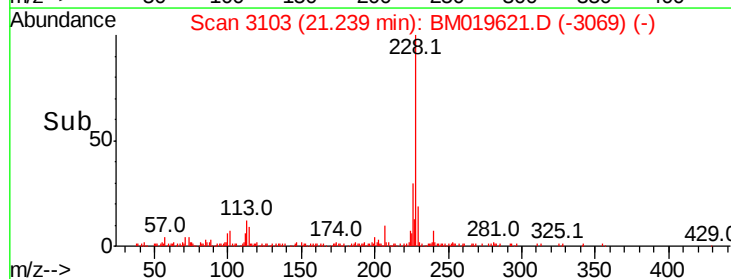
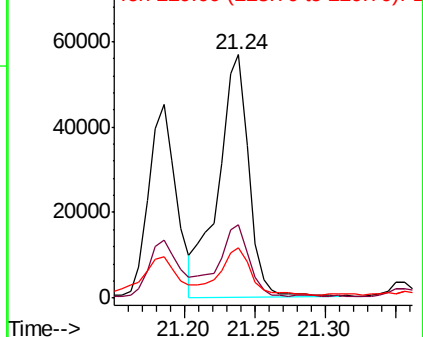
228 100

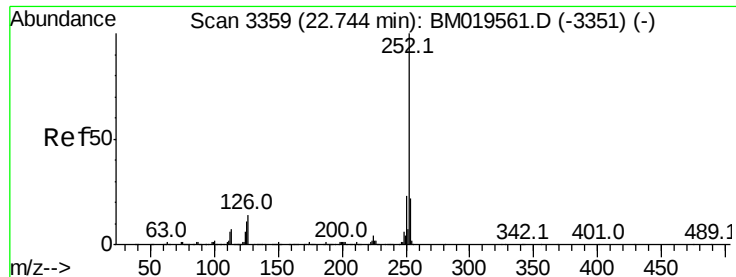
226 29.9 24.1 36.1

229 20.6 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: 1.717 ng/ul

RT: 22.74 min Scan# 3359

Delta R.T. 0.00 min

Lab File: BM019621.D

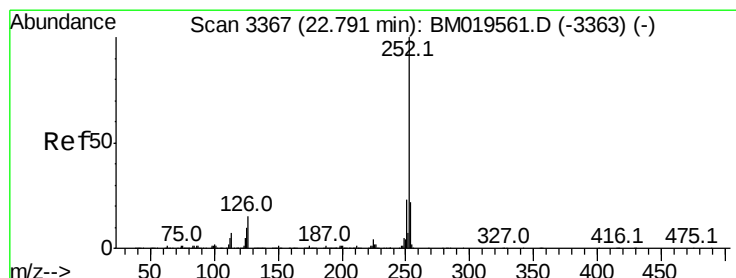
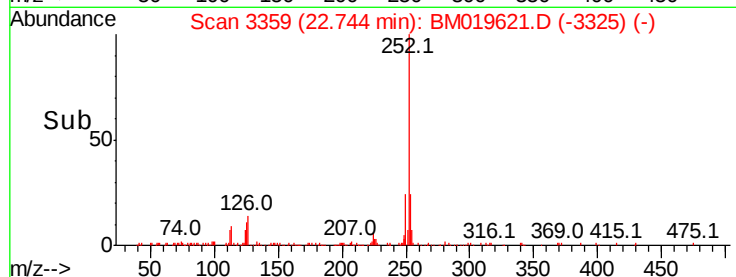
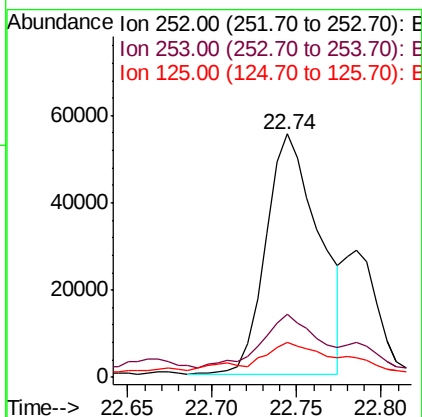
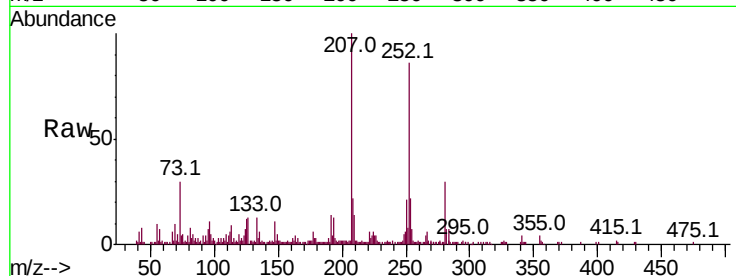
Acq: 30 Mar 2019 16:13

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252	Resp:	119585
Ion Ratio	Lower	Upper
252	100	
253	25.9	17.4 26.0
125	14.4	4.9 7.3#



#89

Benzo(k)fluoranthene

Concen: 1.788 ng/ul

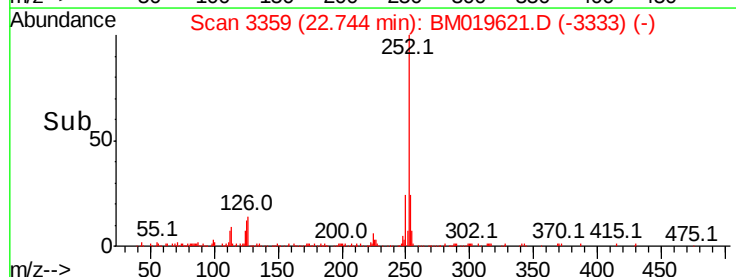
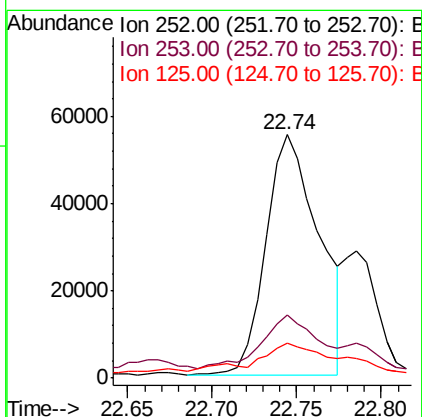
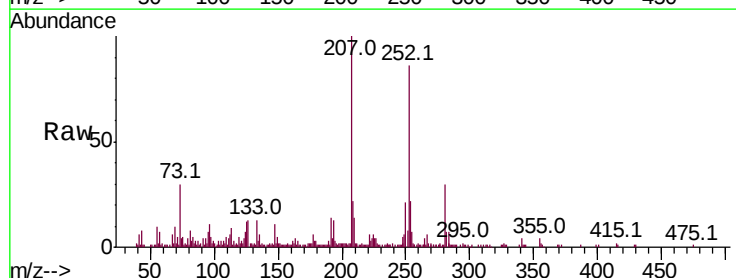
RT: 22.74 min Scan# 3359

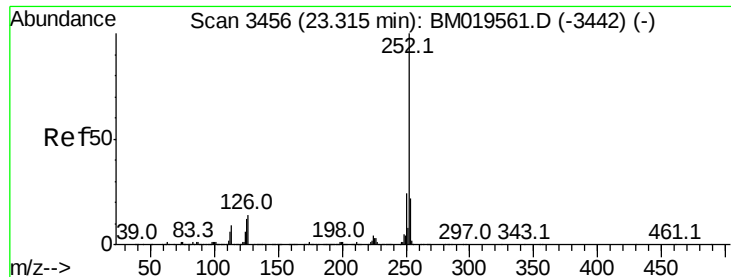
Delta R.T. -0.05 min

Lab File: BM019621.D

Acq: 30 Mar 2019 16:13

Tgt Ion:252	Resp:	119585
Ion Ratio	Lower	Upper
252	100	
253	25.9	17.1 25.7#
125	14.4	5.4 8.0#





#91

Benzo(a)pyrene

Concen: 1.090 ng/ul

RT: 23.31 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BM019621.D

Acq: 30 Mar 2019 16:13

Instrument :

BNA_M

ClientSampleId :

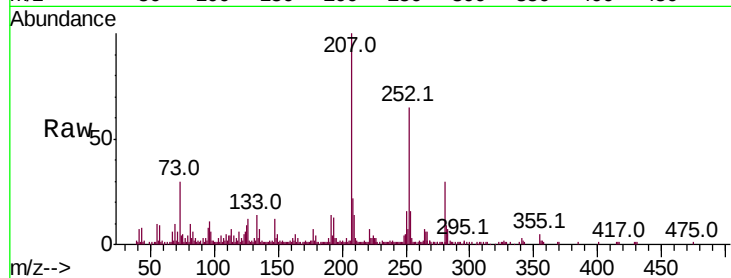
Tot Ion: 252 Resp: 72565

Ion Ratio Lower Upper

252 100

253 25.0 17.2 25.8

125 13.8 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

