

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040819\
 Data File : BM019819.D
 Acq On : 09 Apr 2019 06:33
 Operator : JU/SJ
 Sample : K2188-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 09 11:25:54 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	168136	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	649611	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	336729	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	719808	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	765042	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	868890	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	25408	5.92	ng/uL	0.00
5) Phenol-d5	6.75	99	180017	12.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	115093	11.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	158382	13.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	124746	11.10	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	71119	15.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	76506	14.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	131841	13.55	ng/ul	0.01
29) 4-Chloroaniline-d4	10.52	131	103832	8.88	ng/ul	0.01
44) Dimethylphthalate-d6	13.64	166	423448	15.59	ng/ul	0.00
47) Acenaphthylene-d8	13.91	160	496297	14.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.51	143	30877	7.25	ng/ul	0.04
58) Fluorene-d10	15.22	176	347970	14.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	8006	1.68	ng/ul	0.01
71) Anthracene-d10	17.08	188	513802	14.87	ng/ul	0.00
79) Pyrene-d10	19.39	212	493680	13.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	583165	12.66	ng/ul	0.00

Target Compounds

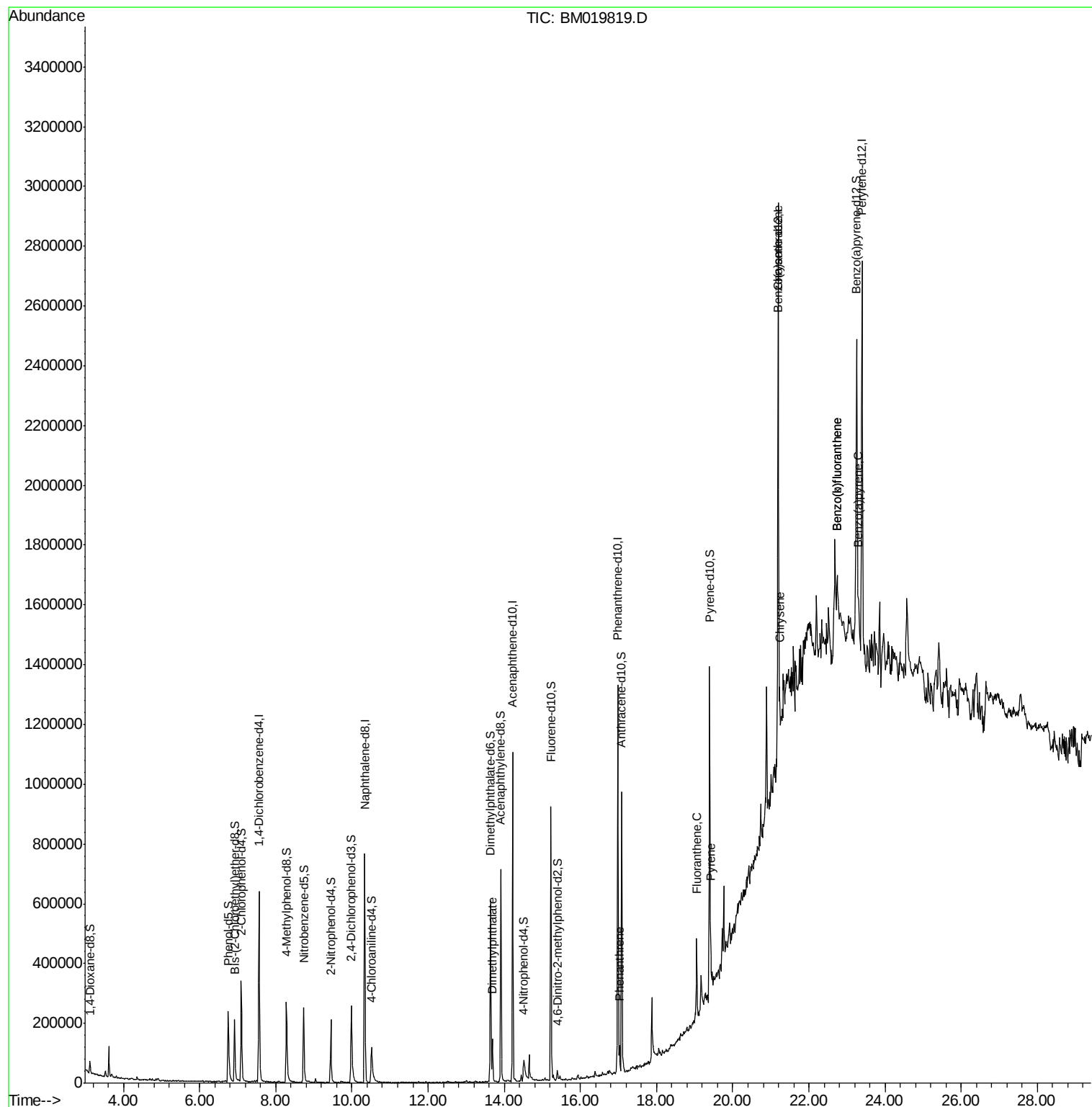
					Ovalue
45) Dimethylphthalate	13.69	163	95149	3.490 ng/ul	98
70) Phenanthrene	17.03	178	47456	1.163 ng/ul	98
77) Fluoranthene	19.06	202	138767	2.967 ng/ul#	89
80) Pyrene	19.42	202	120524	2.619 ng/ul#	86
83) Benzo(a)anthracene	21.18	228	68979	1.498 ng/ul#	94
85) Chrysene	21.23	228	62638	1.418 ng/ul#	92
88) Benzo(b)fluoranthene	22.74	252	90962	1.719 ng/ul#	72
89) Benzo(k)fluoranthene	22.74	252	90962	1.790 ng/ul#	70
91) Benzo(a)pyrene	23.30	252	65823	1.301 ng/ul#	67

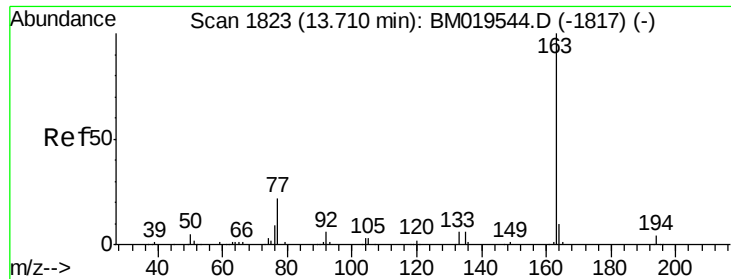
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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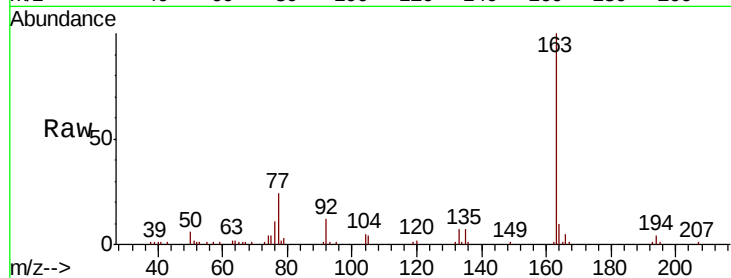




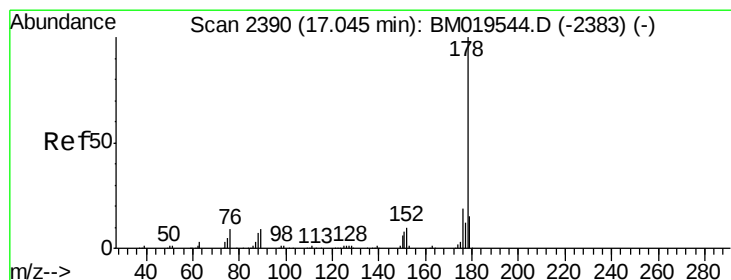
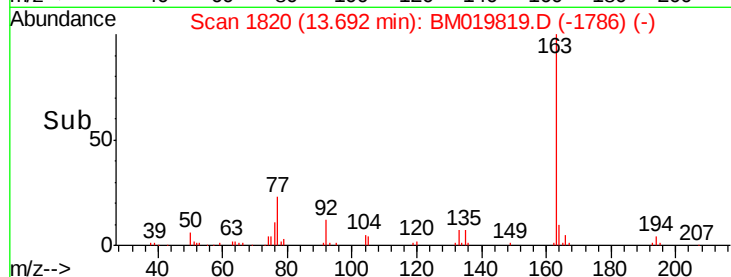
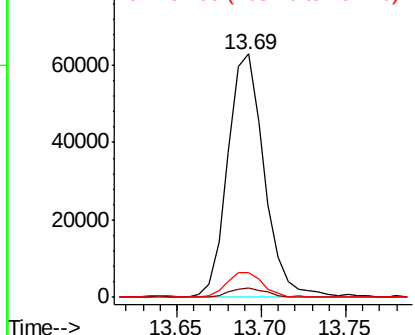
#45
Dimethylphthalate
Concen: 3.490 ng/ul
RT: 13.69 min Scan# 1820
Delta R.T. 0.00 min
Lab File: BM019819.D
Acq: 09 Apr 2019 06:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion:163 Resp: 95149
Ion Ratio Lower Upper
163 100
194 4.1 4.0 6.0
164 10.1 8.4 12.6

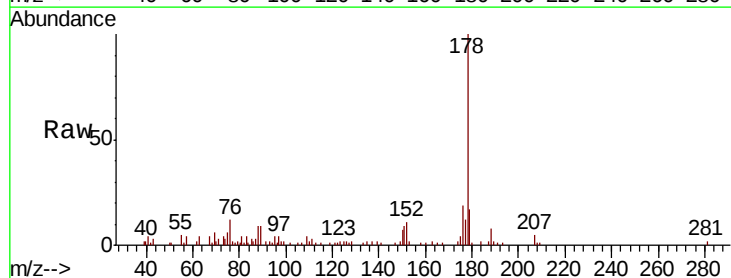


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

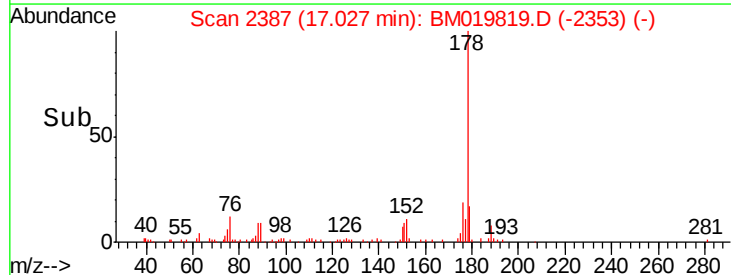
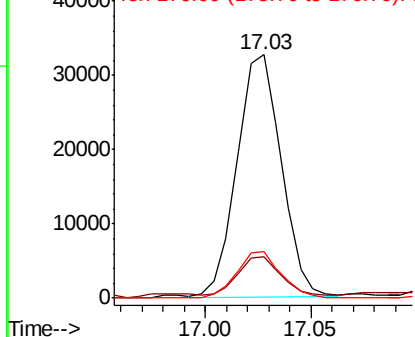


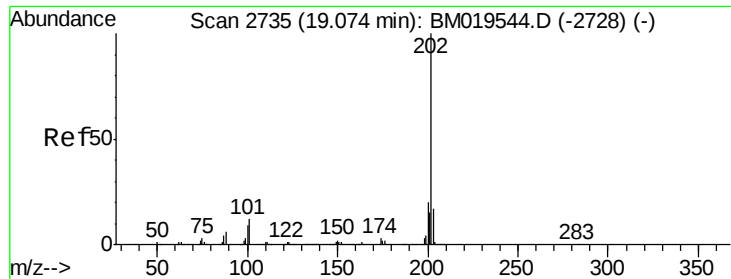
#70
Phenanthrene
Concen: 1.163 ng/ul
RT: 17.03 min Scan# 2387
Delta R.T. 0.00 min
Lab File: BM019819.D
Acq: 09 Apr 2019 06:33

Tgt Ion:178 Resp: 47456
Ion Ratio Lower Upper
178 100
179 16.8 12.3 18.5
176 18.9 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

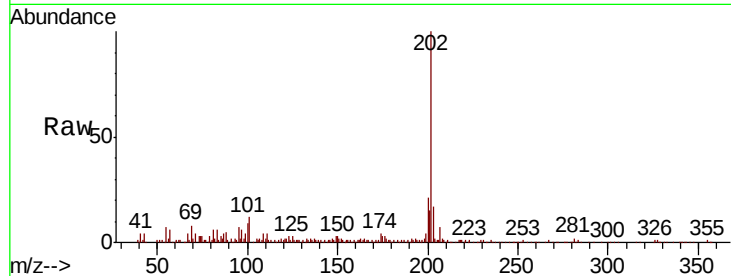




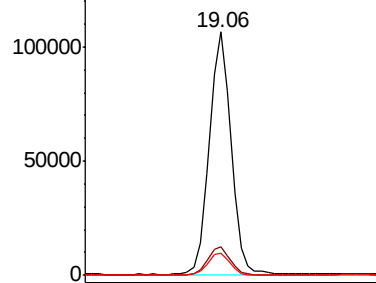
#77
 Fluoranthene
 Concen: 2.967 ng/ul
 RT: 19.06 min Scan# 2732
 Delta R.T. 0.00 min
 Lab File: BM019819.D
 Acq: 09 Apr 2019 06:33

Instrument :
 BNA_M
 ClientSampleId :

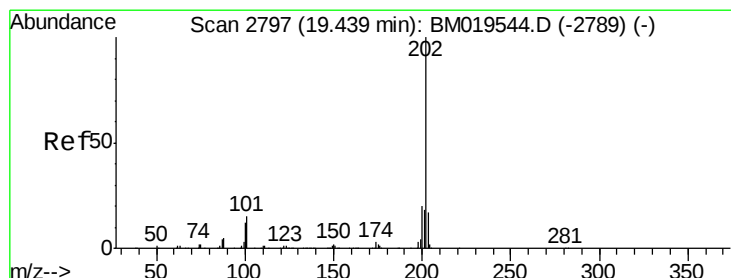
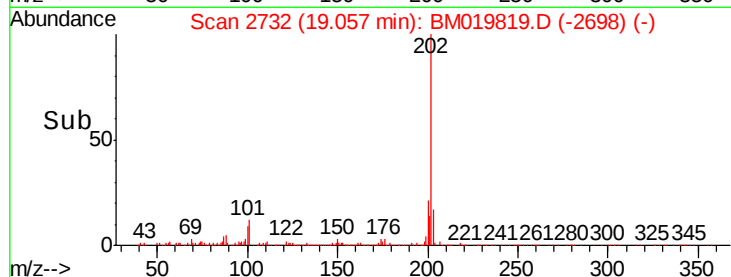
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.8	6.1	9.1#
100	9.0	4.6	7.0#



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

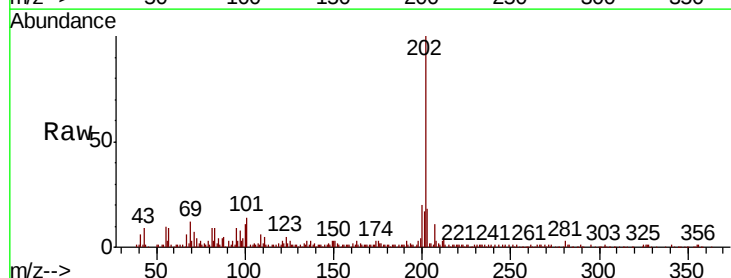


Time-->

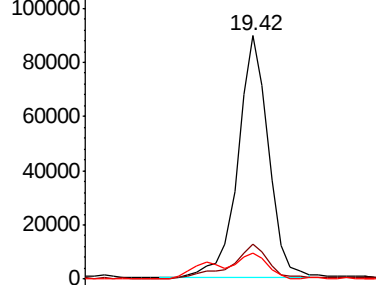


#80
 Pyrene
 Concen: 2.619 ng/ul
 RT: 19.42 min Scan# 2794
 Delta R.T. 0.00 min
 Lab File: BM019819.D
 Acq: 09 Apr 2019 06:33

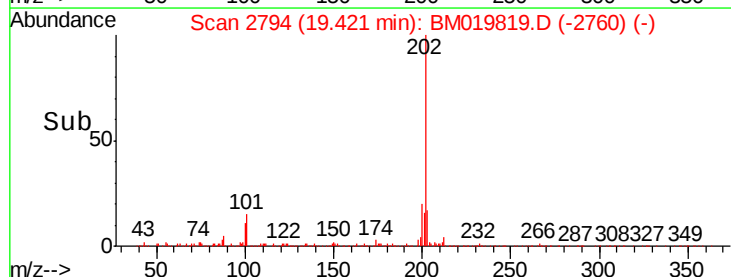
Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.5	6.9	10.3#
100	10.9	5.6	8.4#

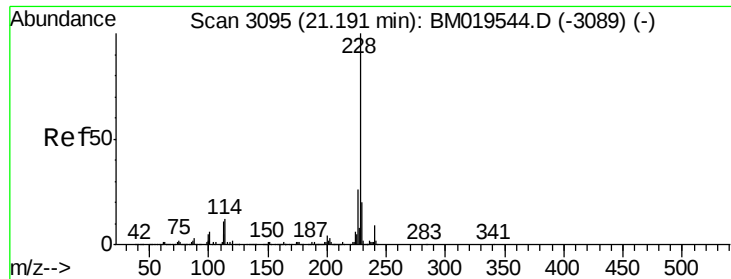


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B



Time-->

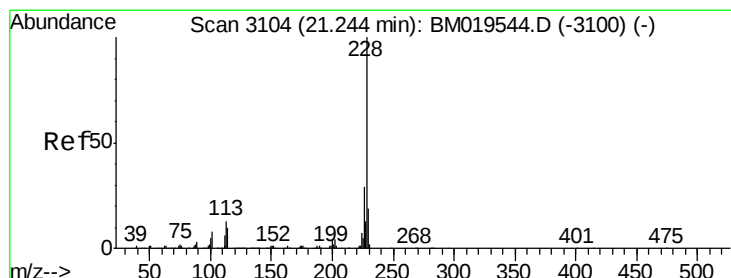
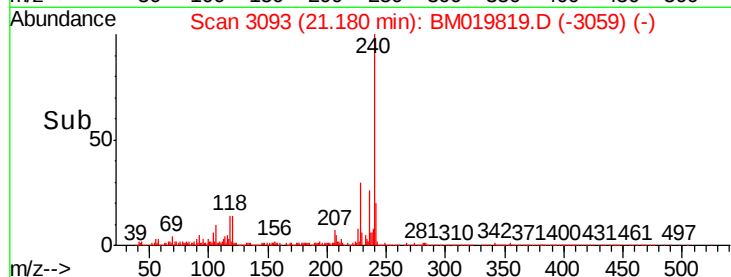
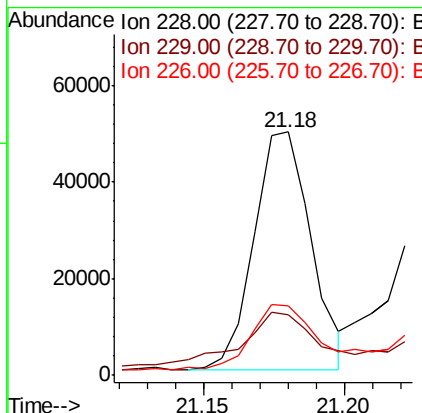
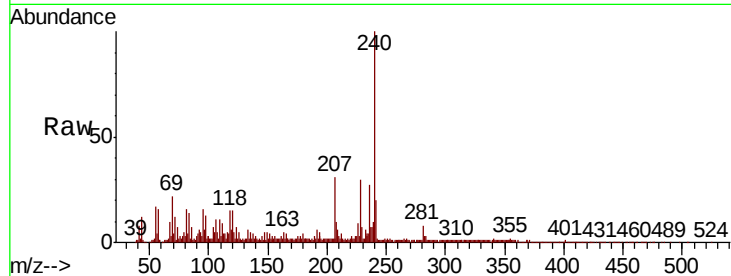




#83
Benzo(a)anthracene
Concen: 1.498 ng/ul
RT: 21.18 min Scan# 3093
Delta R.T. 0.00 min
Lab File: BM019819.D
Acq: 09 Apr 2019 06:33

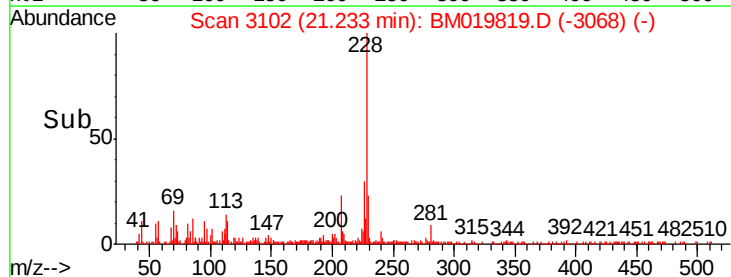
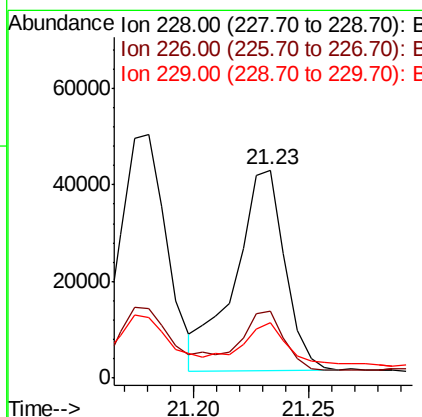
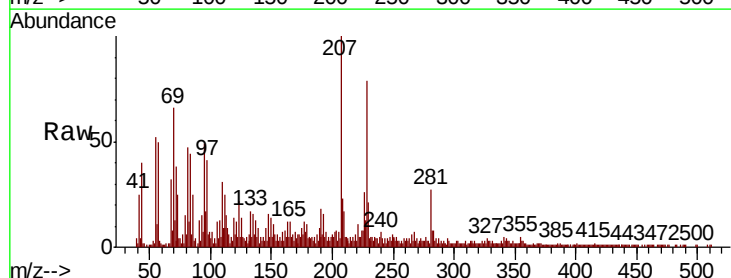
Instrument :
BNA_M
ClientSampleId :

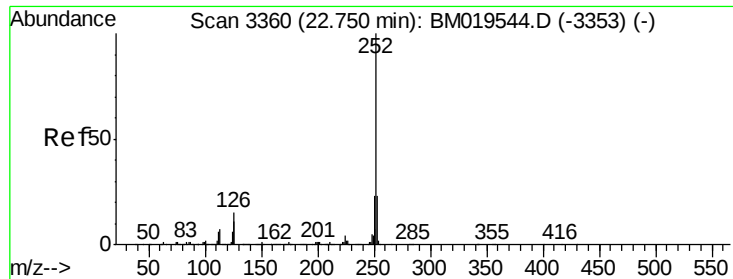
Tot Ion:228 Resp: 68979
Ion Ratio Lower Upper
228 100
229 24.9 16.0 24.0#
226 28.4 21.8 32.8



#85
Chrysene
Concen: 1.418 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. 0.00 min
Lab File: BM019819.D
Acq: 09 Apr 2019 06:33

Tgt Ion:228 Resp: 62638
Ion Ratio Lower Upper
228 100
226 32.3 24.1 36.1
229 26.4 16.0 24.0#





#88

Benzo(b)fluoranthene

Concen: 1.719 ng/ul

RT: 22.74 min Scan# 3358

Delta R.T. 0.01 min

Lab File: BM019819.D

Acq: 09 Apr 2019 06:33

Instrument :

BNA_M

ClientSampled :

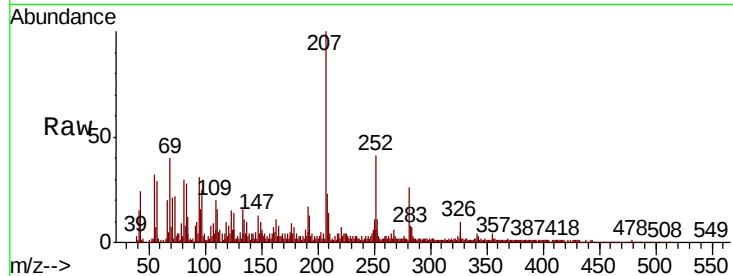
Tot Ion:252 Resp: 90962

Ion Ratio Lower Upper

252 100

253 27.7 17.4 26.0#

125 34.6 4.9 7.3#

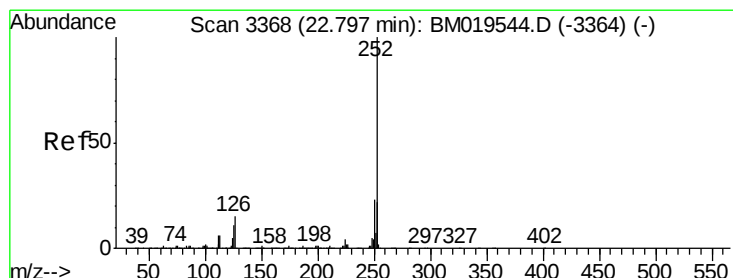
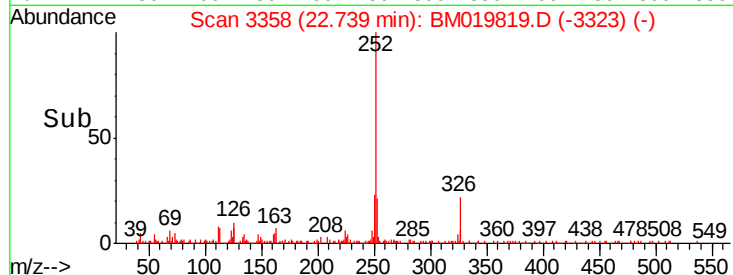
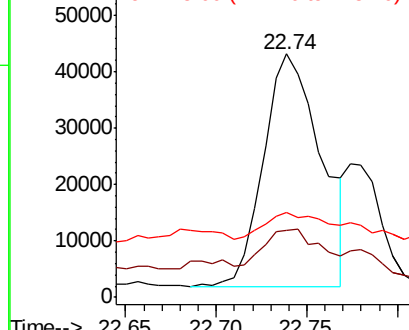


Abundance

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: 1.790 ng/ul

RT: 22.74 min Scan# 3358

Delta R.T. -0.04 min

Lab File: BM019819.D

Acq: 09 Apr 2019 06:33

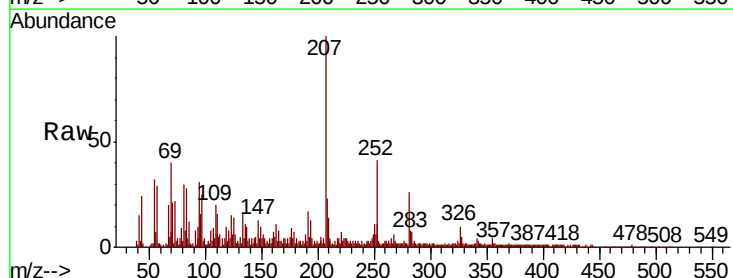
Tgt Ion:252 Resp: 90962

Ion Ratio Lower Upper

252 100

253 27.7 17.1 25.7#

125 34.6 5.4 8.0#

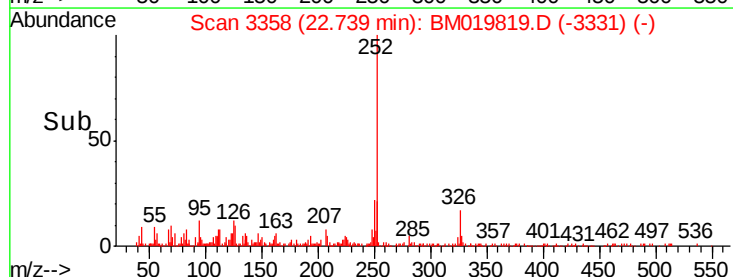
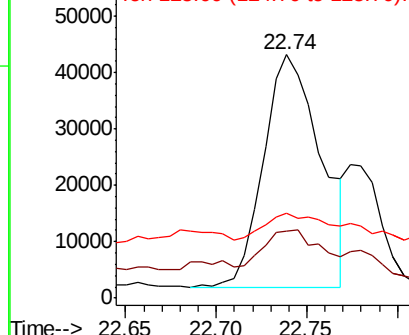


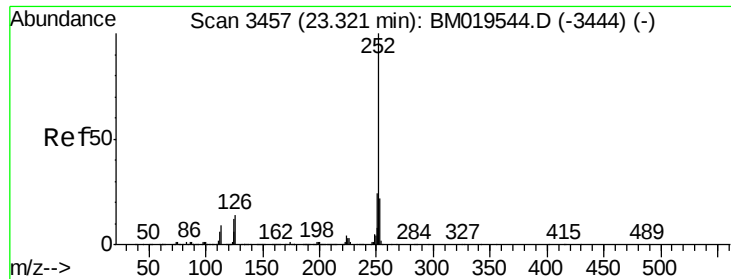
Abundance

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: 1.301 ng/ul

RT: 23.30 min Scan# 3454

Delta R.T. 0.00 min

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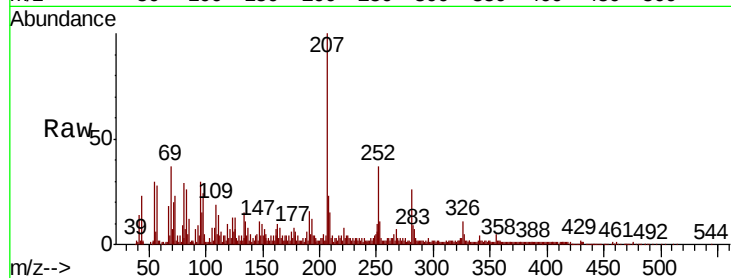
Tot Ion:252 Resp: 65823

Ion Ratio Lower Upper

252 100

253 29.3 17.2 25.8#

125 35.1 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

