

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102819\
 Data File : BM023417.D
 Acq On : 28 Oct 2019 13:48
 Operator : JU
 Sample : K5395-14
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 29 11:48:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 25 07:44:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	379957	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.41	136	1509852	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.27	164	883548	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.02	188	1771798	20.00	ng/ul	-0.01
78) Chrysene-d12	21.22	240	1759090	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	2084796	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	33676	4.21	ng/uL	0.00
5) Phenol-d5	6.81	99	696759	21.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	423437	22.64	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.16	132	574104	23.01	ng/ul	-0.01
13) 4-Methylphenol-d8	8.34	113	543953	20.99	ng/ul	-0.01
19) Nitrobenzene-d5	8.77	128	279120	24.56	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.50	143	303471	24.06	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.04	165	551145	22.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	582891	20.45	ng/ul	-0.01
44) Dimethylphthalate-d6	13.69	166	1684671	25.11	ng/ul	-0.01
47) Acenaphthylene-d8	13.97	160	1970299	25.63	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.49	143	183016	15.75	ng/ul	0.00
58) Fluorene-d10	15.27	176	1428811	25.15	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.40	200	113161	10.26	ng/ul	0.00
71) Anthracene-d10	17.12	188	2180058	26.04	ng/ul	-0.01
79) Pyrene-d10	19.42	212	2400206	24.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.28	264	2805203	26.41	ng/ul	0.00

Target Compounds

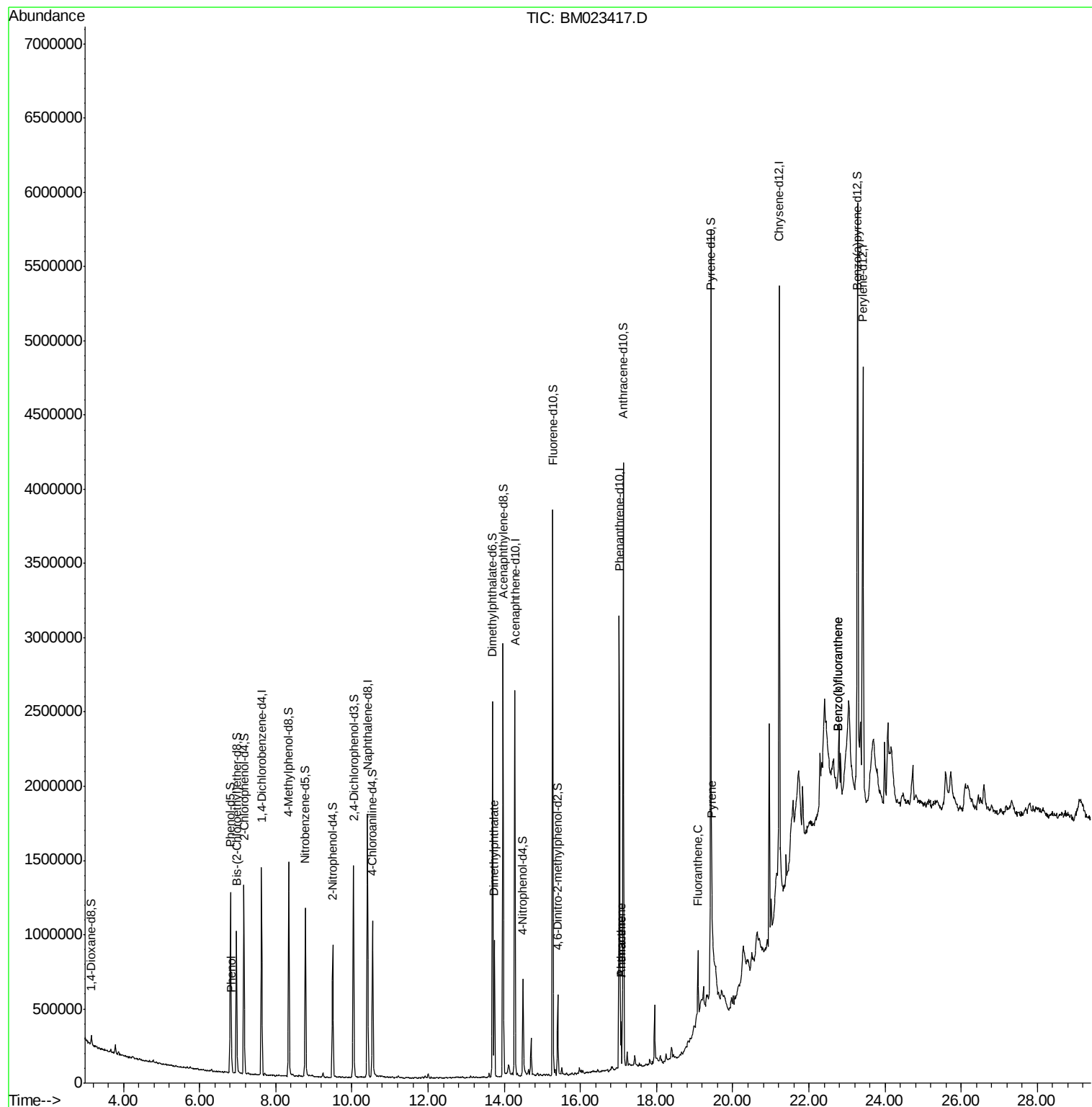
					Ovalue
6) Phenol	6.84	94	67310	2.048	ng/ul 99
45) Dimethylphthalate	13.74	163	592431	8.794	ng/ul 99
70) Phenanthrene	17.06	178	179766	1.816	ng/ul 99
72) Anthracene	17.06	178	179920	1.793	ng/ul 98
77) Fluoranthene	19.09	202	271065	2.625	ng/ul 98
80) Pyrene	19.45	202	224102	1.804	ng/ul 96
88) Benzo(b)fluoranthene	22.76	252	137683	1.028	ng/ul# 89
89) Benzo(k)fluoranthene	22.76	252	137683	1.095	ng/ul# 89

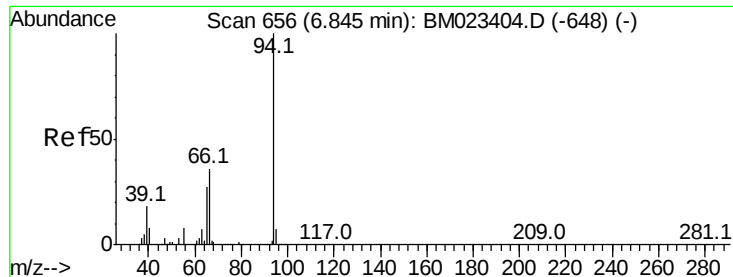
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 2.048 ng/ul

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM023417.D

Acq: 28 Oct 2019 13:48

Instrument :

BNA_M

ClientSampleId :

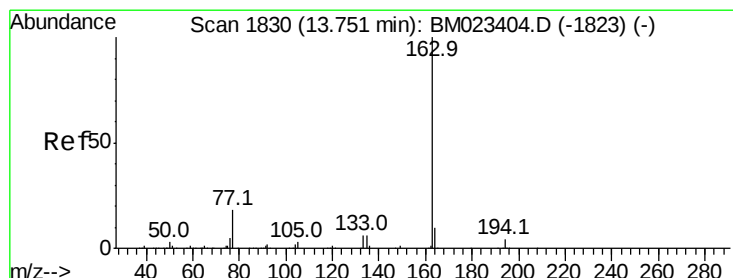
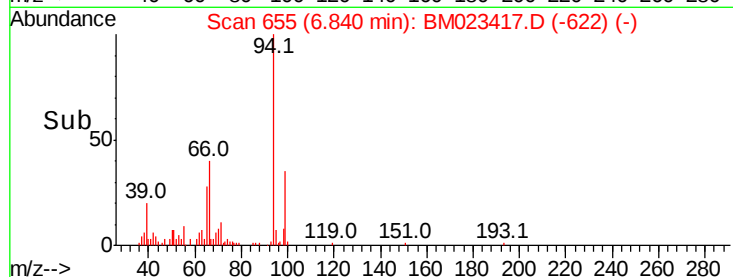
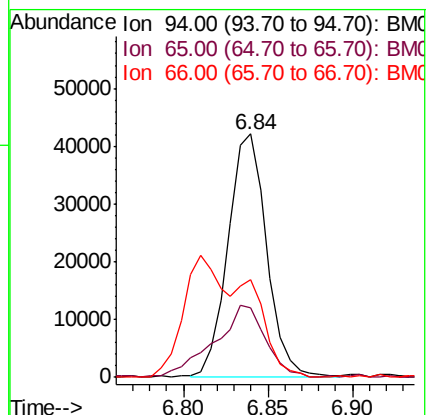
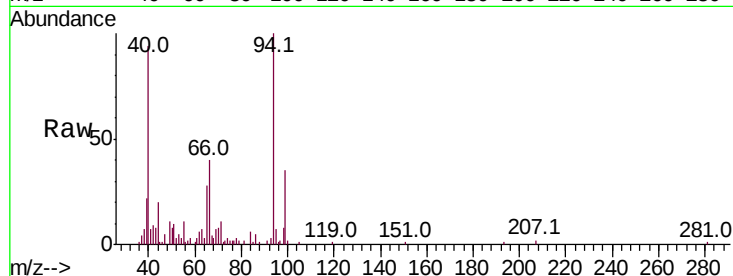
Tot Ion: 94 Resp: 67310

Ion Ratio Lower Upper

94 100

65 28.5 22.9 34.3

66 39.9 31.4 47.2



#45

Dimethylphthalate

Concen: 8.794 ng/ul

RT: 13.74 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BM023417.D

Acq: 28 Oct 2019 13:48

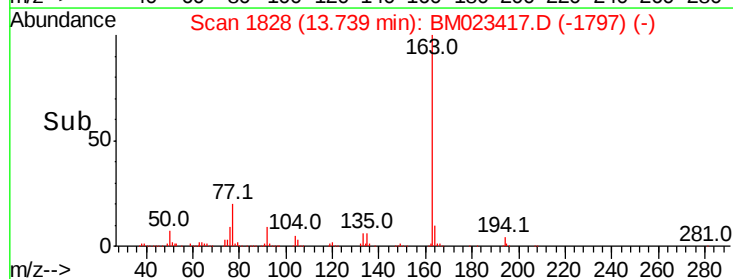
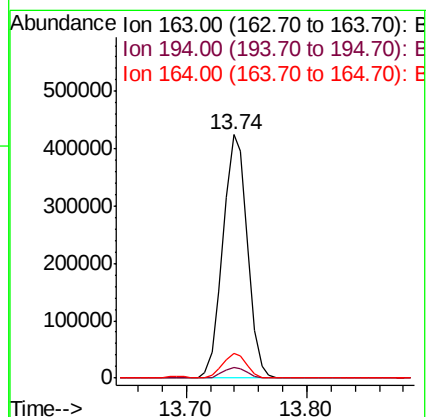
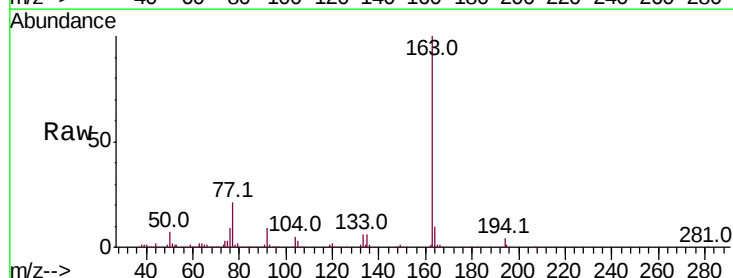
Tgt Ion:163 Resp: 592431

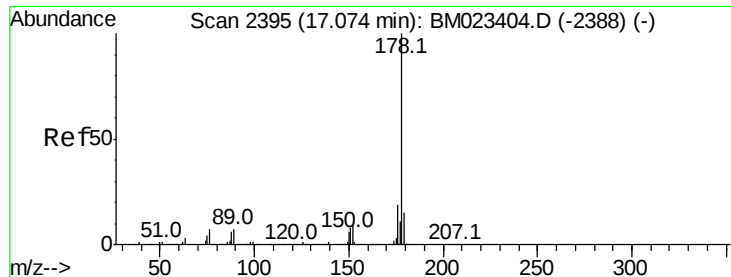
Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

164 10.2 7.9 11.9

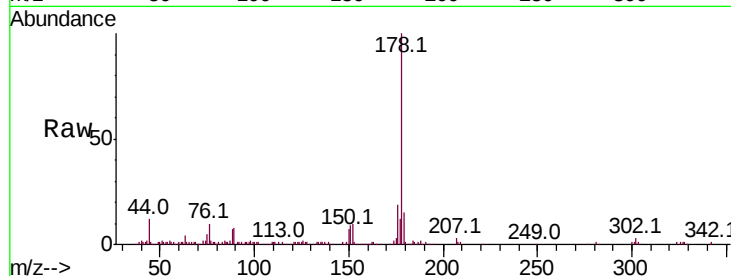




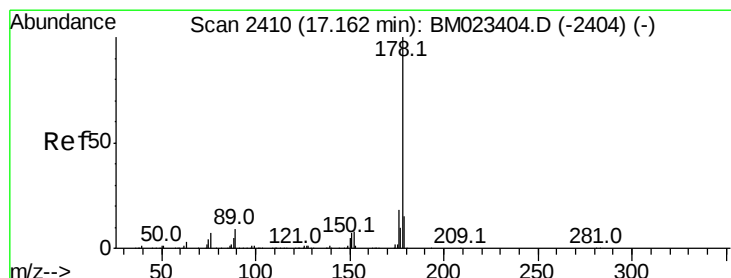
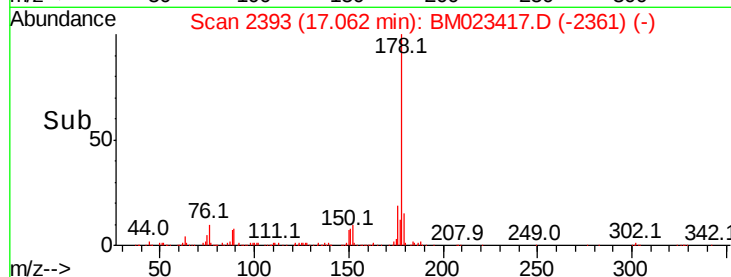
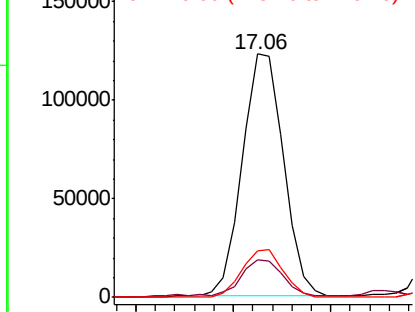
#70
Phenanthrene
Concen: 1.816 ng/ul
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM023417.D
Acq: 28 Oct 2019 13:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion:178 Resp: 179766
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.2
176 19.0 14.9 22.3

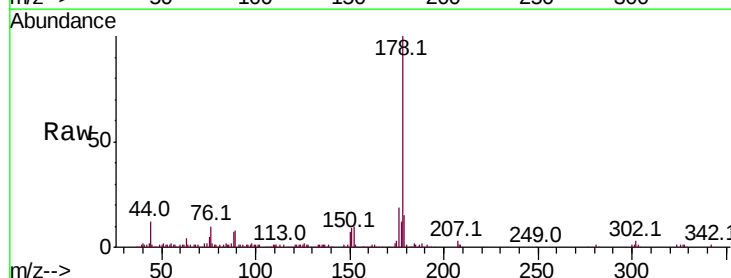


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

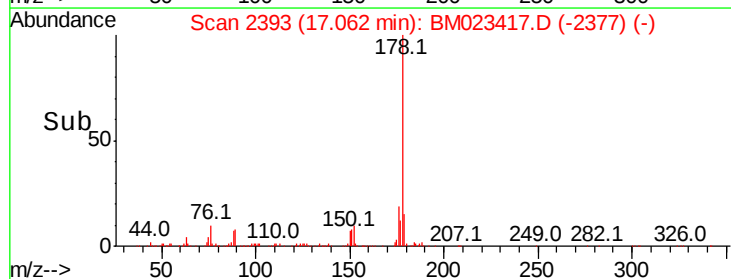
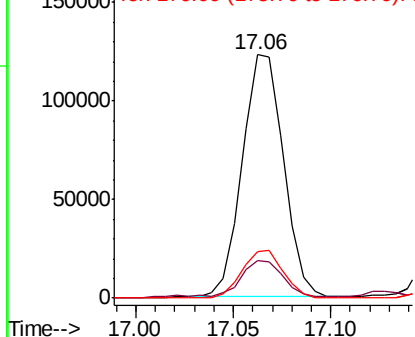


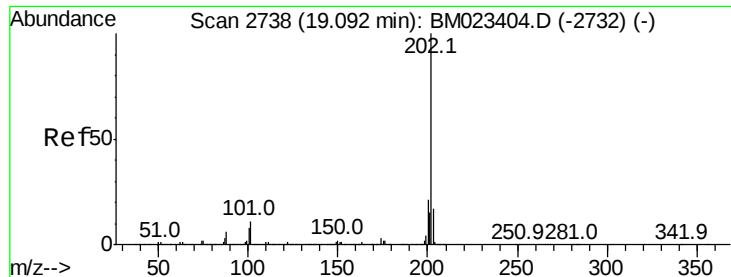
#72
Anthracene
Concen: 1.793 ng/ul
RT: 17.06 min Scan# 2393
Delta R.T. -0.11 min
Lab File: BM023417.D
Acq: 28 Oct 2019 13:48

Tgt Ion:178 Resp: 179920
Ion Ratio Lower Upper
178 100
179 15.4 12.1 18.1
176 19.0 14.4 21.6



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

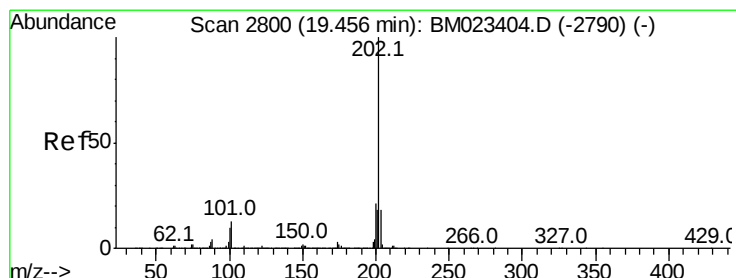
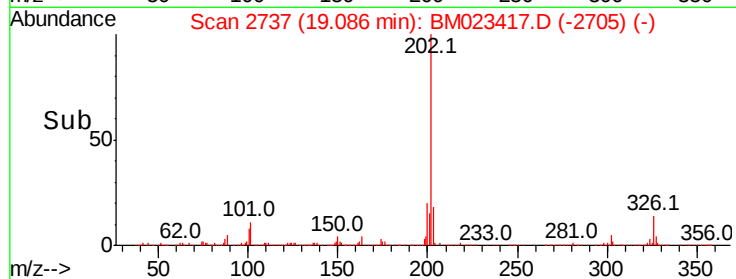
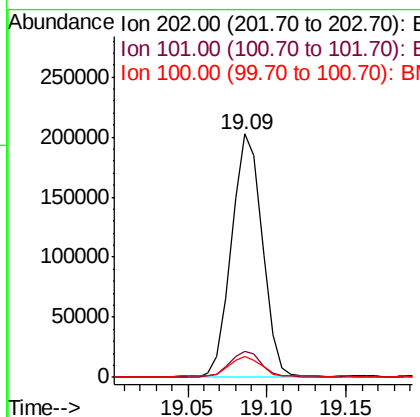
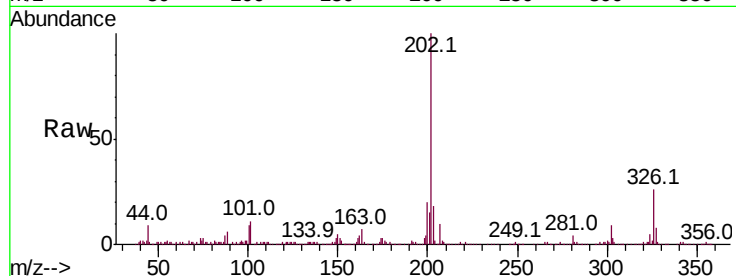




#77
 Fluoranthene
 Concen: 2.625 ng/ul
 RT: 19.09 min Scan# 2737
 Delta R.T. -0.01 min
 Lab File: BM023417.D
 Acq: 28 Oct 2019 13:48

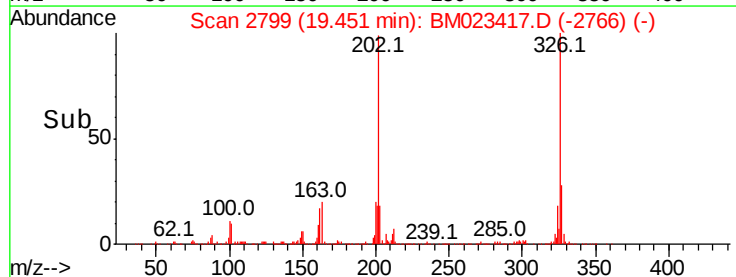
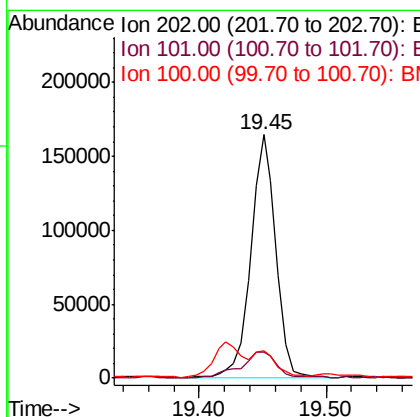
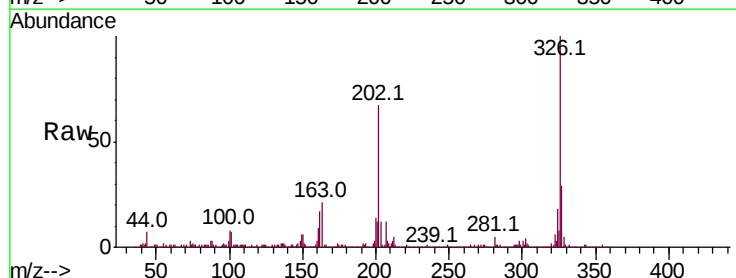
Instrument :
 BNA_M
 ClientSampleId :

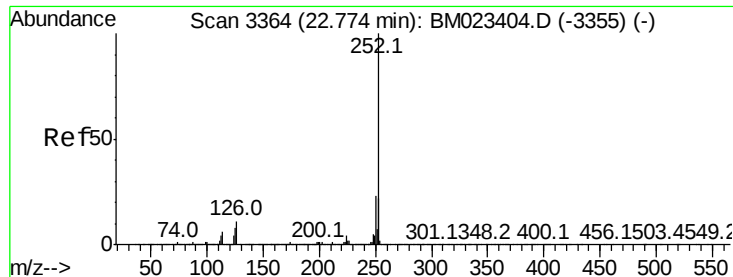
Tot Ion:	202	Resp:	271065
Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.1	12.1
100	8.8	6.2	9.2



#80
 Pyrene
 Concen: 1.804 ng/ul
 RT: 19.45 min Scan# 2799
 Delta R.T. -0.01 min
 Lab File: BM023417.D
 Acq: 28 Oct 2019 13:48

Tgt Ion:	202	Resp:	224102
Ion	Ratio	Lower	Upper
202	100		
101	10.5	10.0	15.0
100	11.4	8.3	12.5





#88

Benzo(b)fluoranthene

Concen: 1.028 ng/ul

RT: 22.76 min Scan# 3362

Delta R.T. -0.01 min

Lab File: BM023417.D

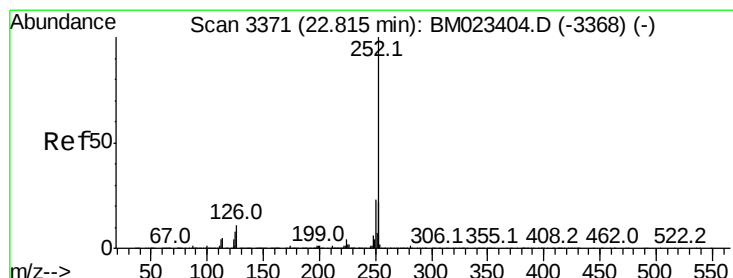
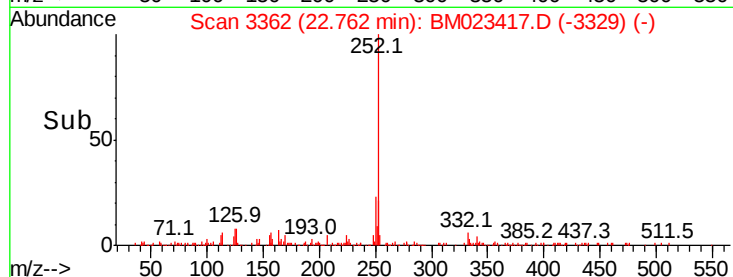
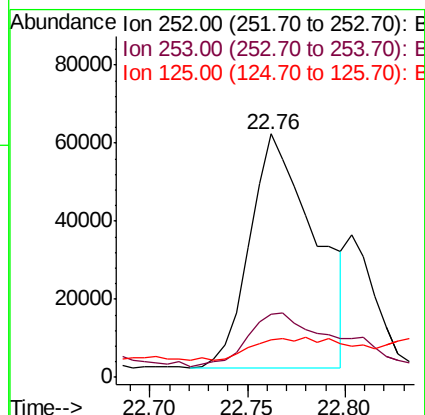
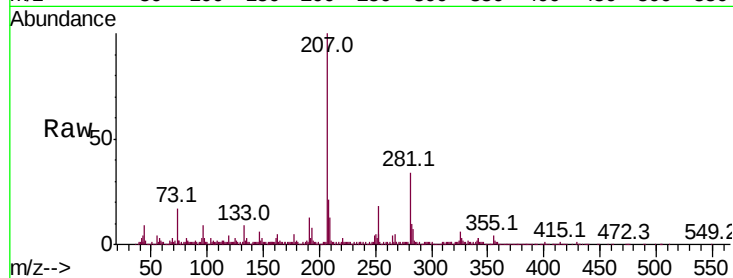
Acq: 28 Oct 2019 13:48

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252	Resp:	137683
Ion	Ratio	Lower Upper
252	100	
253	25.8	17.5 26.3
125	15.4	7.1 10.7#



#89

Benzo(k)fluoranthene

Concen: 1.095 ng/ul

RT: 22.76 min Scan# 3362

Delta R.T. -0.05 min

Lab File: BM023417.D

Acq: 28 Oct 2019 13:48

Tgt Ion:252	Resp:	137683
Ion	Ratio	Lower Upper
252	100	
253	25.8	17.8 26.6
125	15.4	6.8 10.2#

