

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
 Data File : BM022945.D
 Acq On : 04 Oct 2019 06:38
 Operator : JU
 Sample : K4988-11
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 04 07:11:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 04:31:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	250802	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1123044	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.43	164	705460	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.17	188	1383483	20.00	ng/ul	0.00
78) Chrysene-d12	21.35	240	1070889	20.00	ng/ul	0.00
86) Perylene-d12	23.61	264	1050220	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	15756	2.72	ng/uL	0.00
5) Phenol-d5	6.96	99	308992	13.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	185631	15.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	264694	14.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	186477	10.28	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	134772	15.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	145748	15.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	276342	14.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	344742	15.06	ng/ul	0.00
44) Dimethylphthalate-d6	13.84	166	904449	16.52	ng/ul	0.00
47) Acenaphthylene-d8	14.12	160	1029779	16.29	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	92471	8.55	ng/ul	0.00
58) Fluorene-d10	15.42	176	763375	16.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.54	200	71436	7.93	ng/ul	0.00
71) Anthracene-d10	17.27	188	1081079	16.00	ng/ul	0.00
79) Pyrene-d10	19.56	212	1198888	20.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	938952	17.28	ng/ul	0.00

Target Compounds

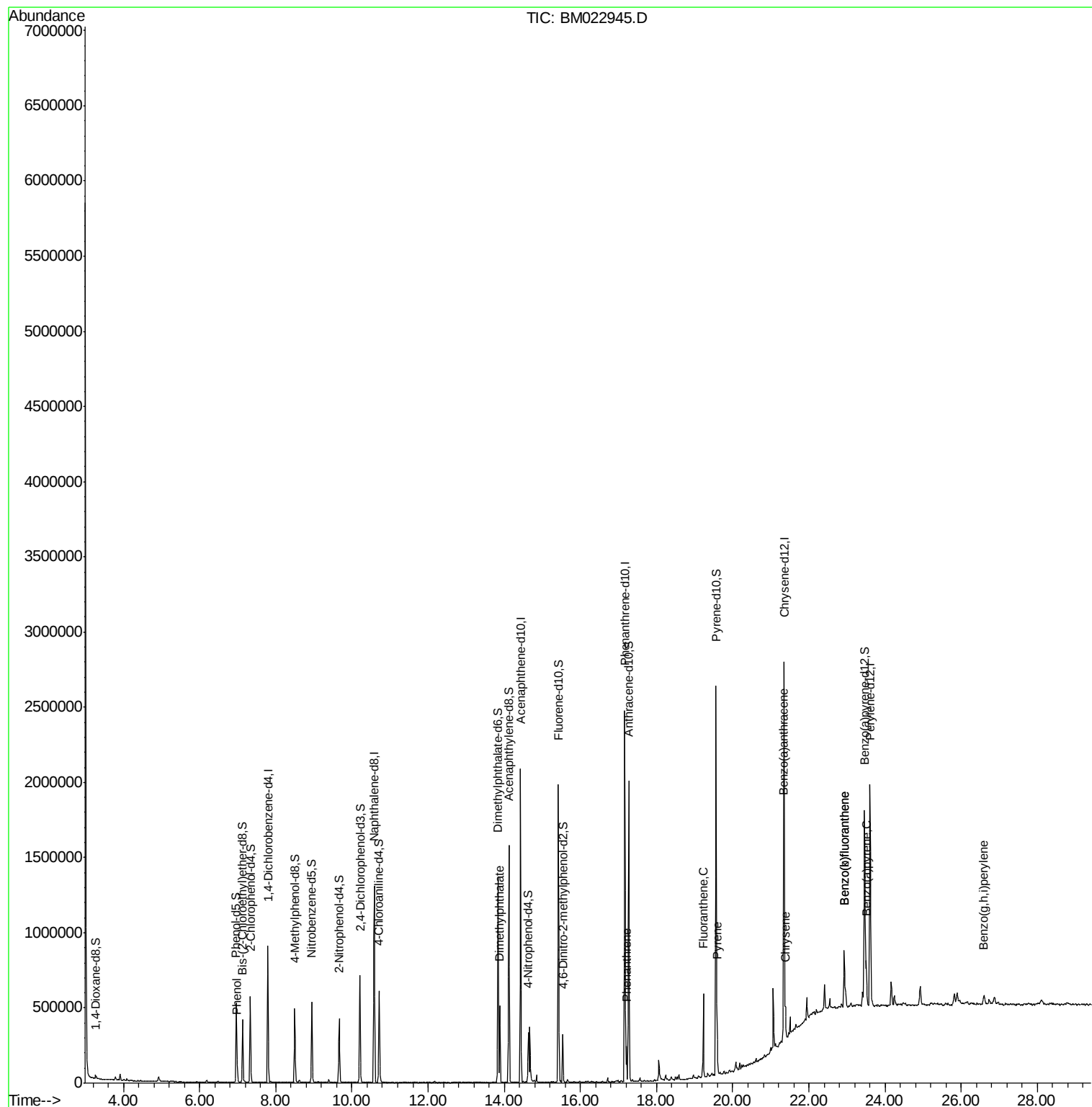
				Ovalue	
6) Phenol	6.99	94	53825	2.317	ng/ul 99
45) Dimethylphthalate	13.89	163	331210	5.889	ng/ul 100
70) Phenanthrene	17.21	178	138578	1.678	ng/ul 99
77) Fluoranthene	19.23	202	316931	3.413	ng/ul 99
80) Pyrene	19.59	202	252755	3.330	ng/ul 97
83) Benzo(a)anthracene	21.33	228	90887	1.182	ng/ul 99
85) Chrysene	21.39	228	111966	1.580	ng/ul 99
88) Benzo(b)fluoranthene	22.93	252	144302	2.070	ng/ul# 93
89) Benzo(k)fluoranthene	22.93	252	144302	2.164	ng/ul# 93
91) Benzo(a)pyrene	23.51	252	85746	1.311	ng/ul# 93
94) Benzo(g,h,i)perylene	26.60	276	71866	1.283	ng/ul 99

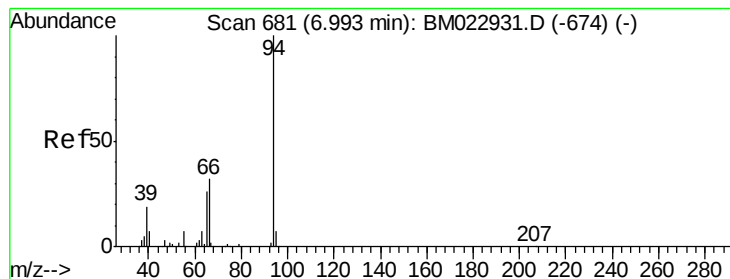
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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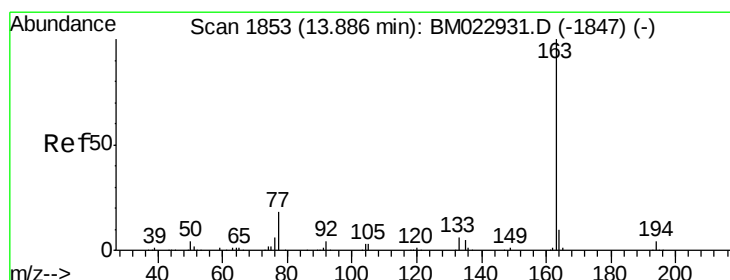
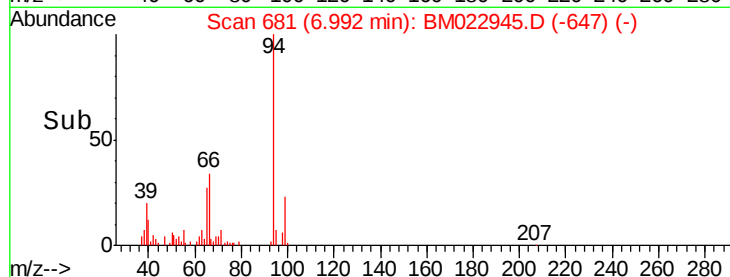
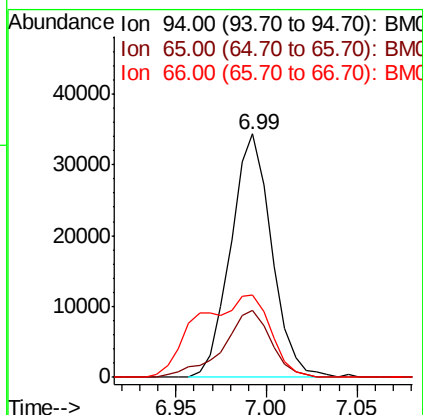
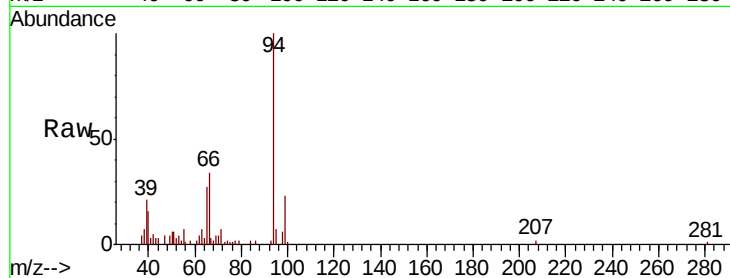
#6

Phenol

Concen: 2.317 ng/ul
 RT: 6.99 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BM022945.D
 Acq: 04 Oct 2019 06:38

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 94 Resp: 53825
 Ion Ratio Lower Upper
 94 100
 65 27.4 20.9 31.3
 66 34.0 27.2 40.8

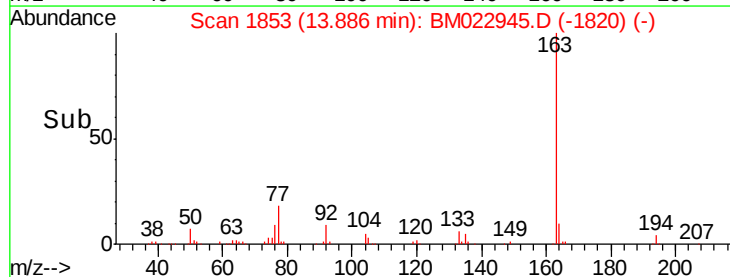
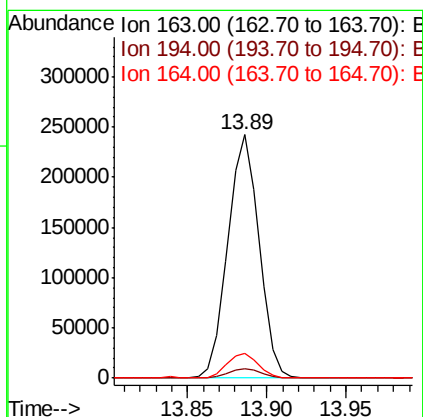
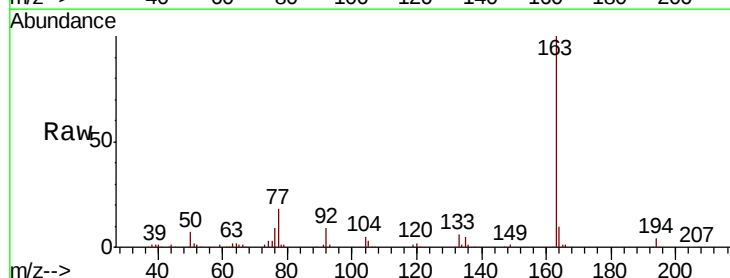


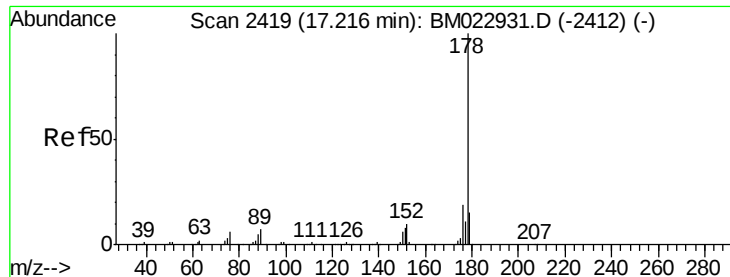
#45

Dimethylphthalate

Concen: 5.889 ng/ul
 RT: 13.89 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BM022945.D
 Acq: 04 Oct 2019 06:38

Tgt Ion: 163 Resp: 331210
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.4 5.0
 164 10.1 8.1 12.1





#70

Phenanthrene

Concen: 1.678 ng/ul

RT: 17.21 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BM022945.D

Acq: 04 Oct 2019 06:38

Instrument :

BNA_M

ClientSampleId :

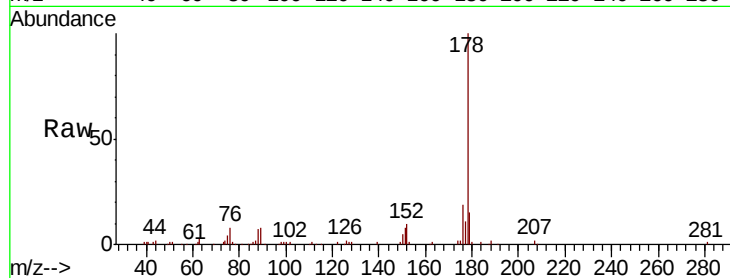
Tot Ion:178 Resp: 138578

Ion Ratio Lower Upper

178 100

179 15.1 12.4 18.6

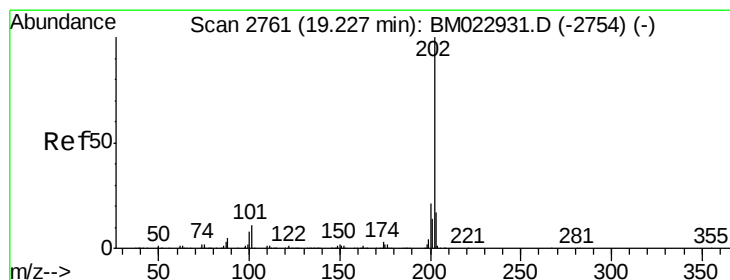
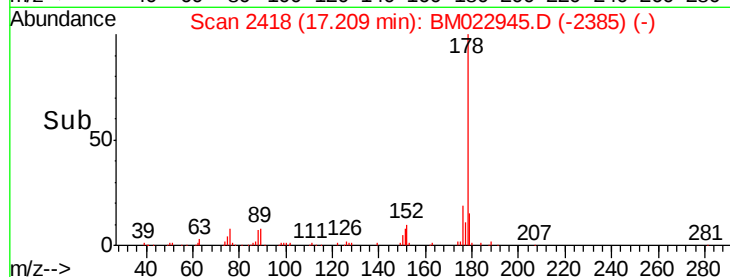
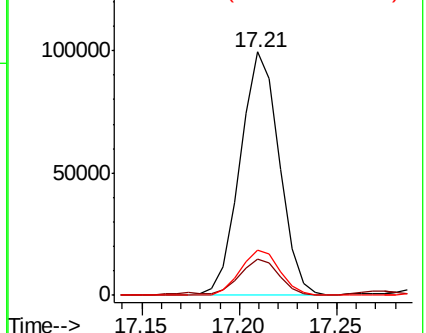
176 18.6 15.3 22.9



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: 3.413 ng/ul

RT: 19.23 min Scan# 2761

Delta R.T. -0.00 min

Lab File: BM022945.D

Acq: 04 Oct 2019 06:38

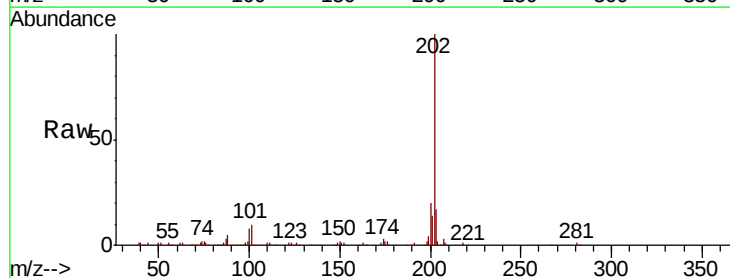
Tgt Ion:202 Resp: 316931

Ion Ratio Lower Upper

202 100

101 10.4 8.6 12.8

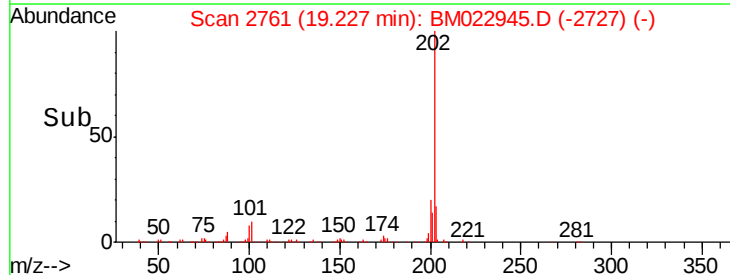
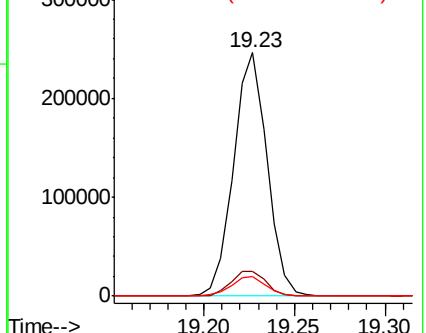
100 7.9 6.4 9.6

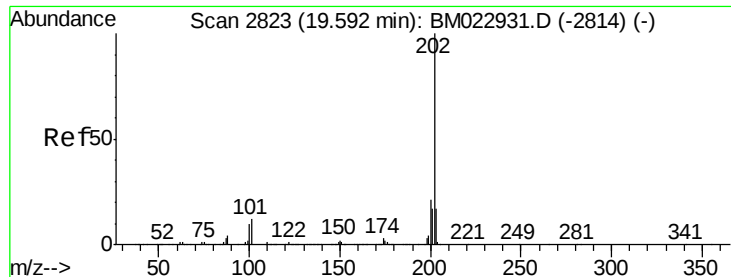


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

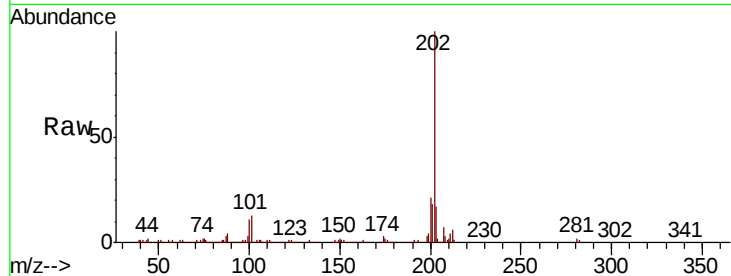




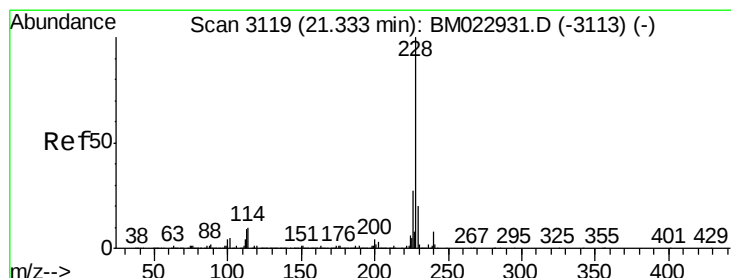
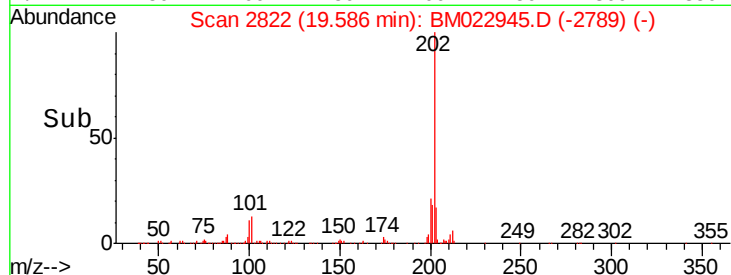
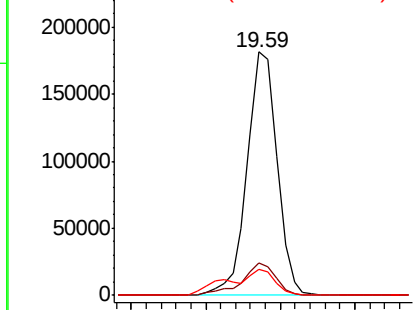
#80
Pvrene
Concen: 3.330 ng/ul
RT: 19.59 min Scan# 2822
Delta R.T. -0.01 min
Lab File: BM022945.D
Acq: 04 Oct 2019 06:38

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.4	9.7	14.5
100	10.6	7.8	11.8

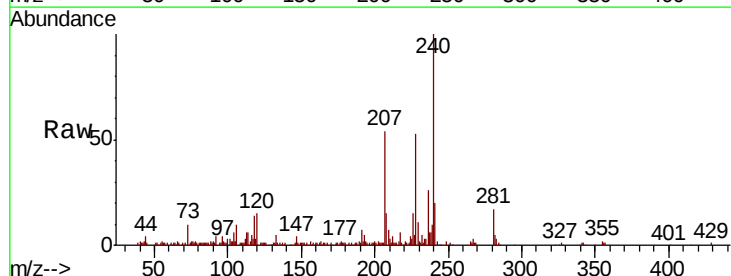


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

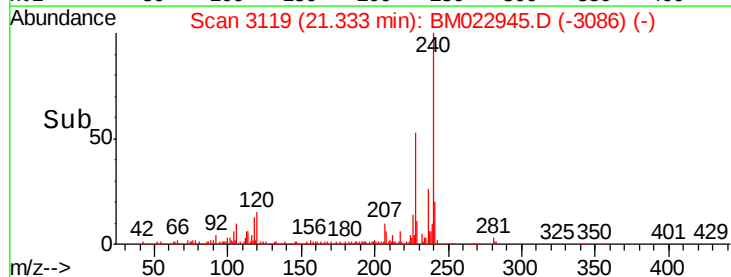
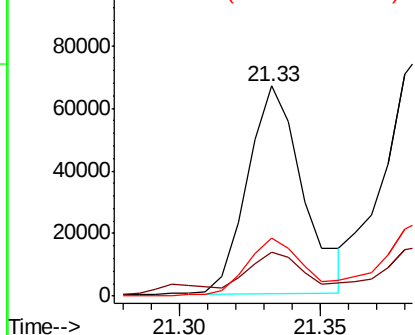


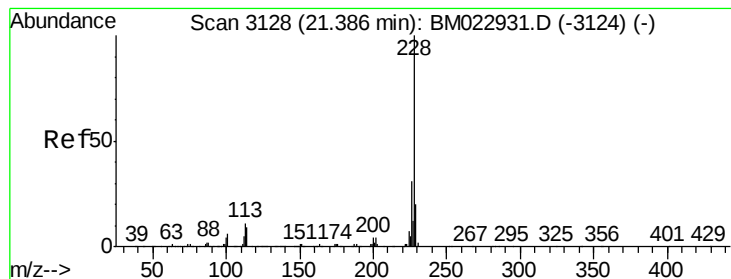
#83
Benzo(a)anthracene
Concen: 1.182 ng/ul
RT: 21.33 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BM022945.D
Acq: 04 Oct 2019 06:38

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.8	23.8
226	27.9	22.4	33.6



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: 1.580 ng/ul

RT: 21.39 min Scan# 3128

Delta R.T. -0.00 min

Lab File: BM022945.D

Acq: 04 Oct 2019 06:38

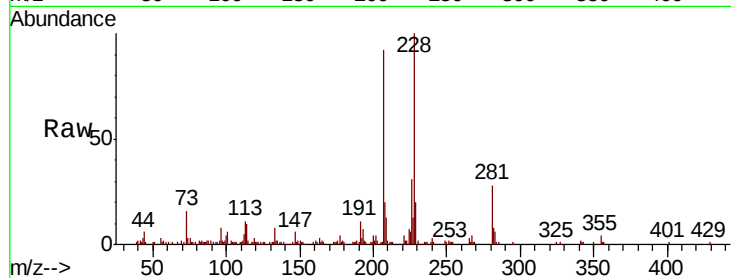
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 111966

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.4
229	20.5	15.9	23.9

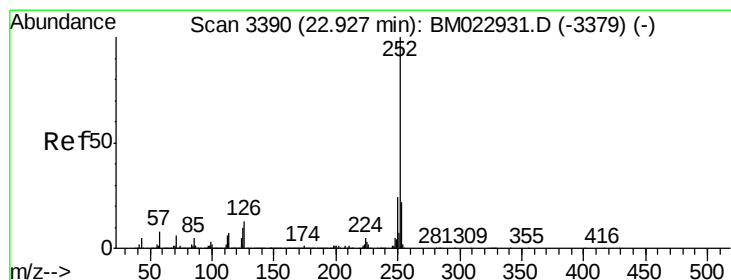
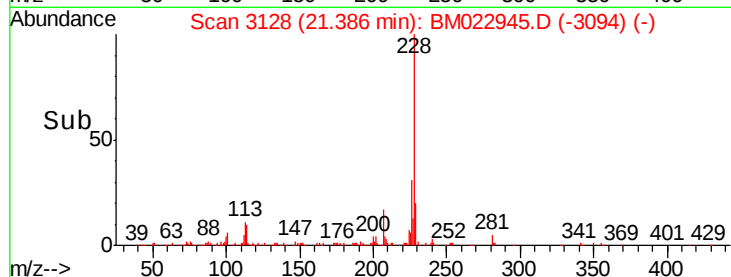
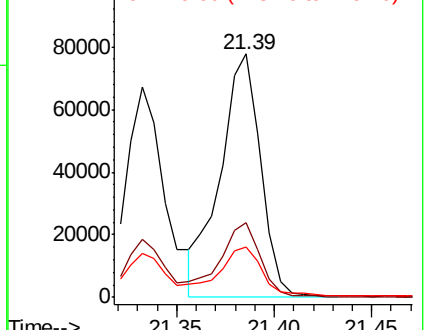


Abundance

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: 2.070 ng/ul

RT: 22.93 min Scan# 3391

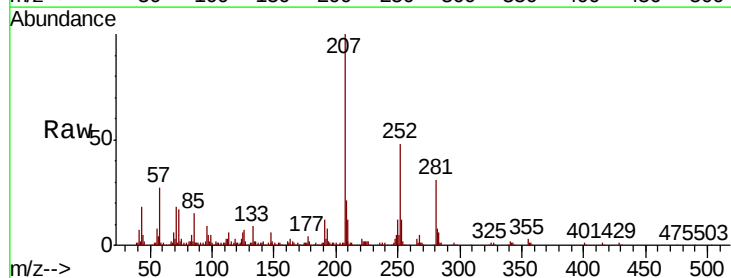
Delta R.T. -0.00 min

Lab File: BM022945.D

Acq: 04 Oct 2019 06:38

Tgt Ion:252 Resp: 144302

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.7	26.5
125	13.5	8.2	12.2#

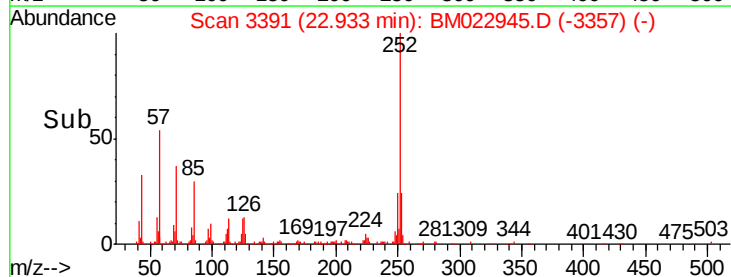
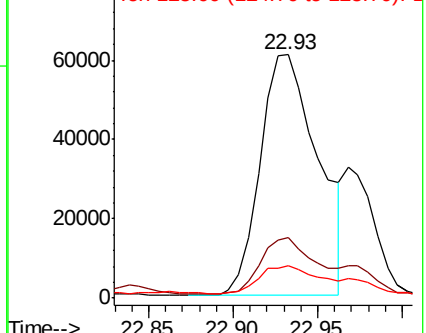


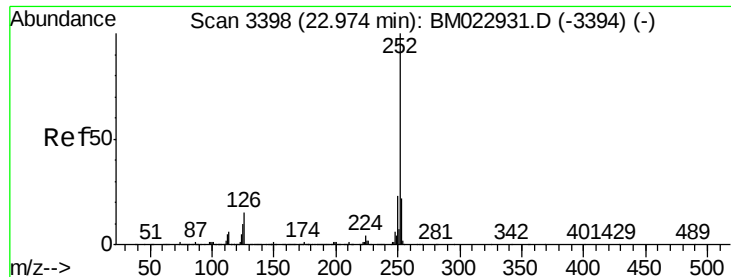
Abundance

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: 2.164 ng/ul

RT: 22.93 min Scan# 3391

Delta R.T. -0.05 min

Lab File: BM022945.D

Acq: 04 Oct 2019 06:38

Instrument :

BNA_M

ClientSampleId :

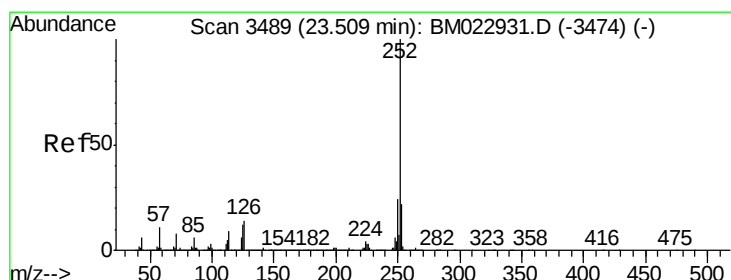
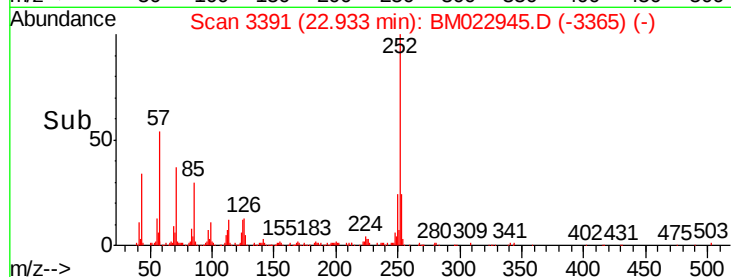
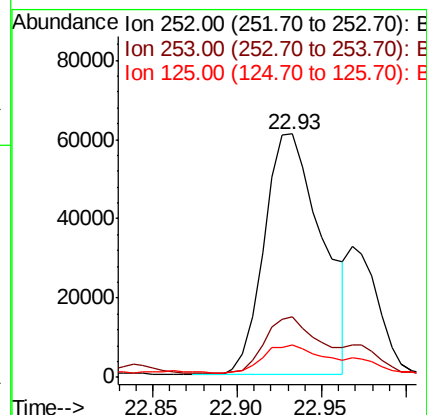
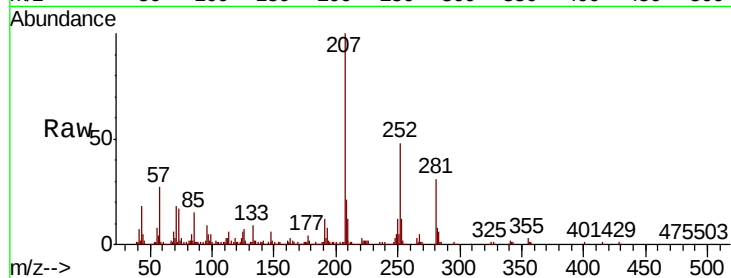
Tot Ion:252 Resp: 144302

Ion Ratio Lower Upper

252 100

253 24.9 17.5 26.3

125 13.5 7.9 11.9#



#91

Benzo(a)pyrene

Concen: 1.311 ng/ul

RT: 23.51 min Scan# 3489

Delta R.T. -0.01 min

Lab File: BM022945.D

Acq: 04 Oct 2019 06:38

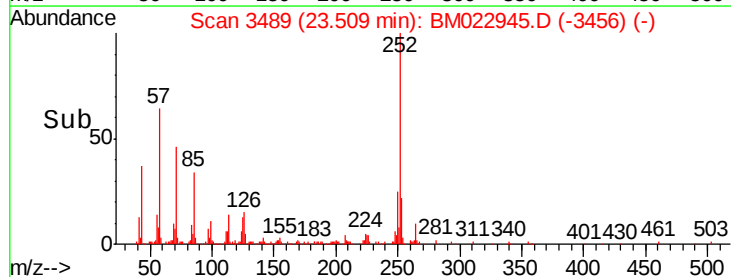
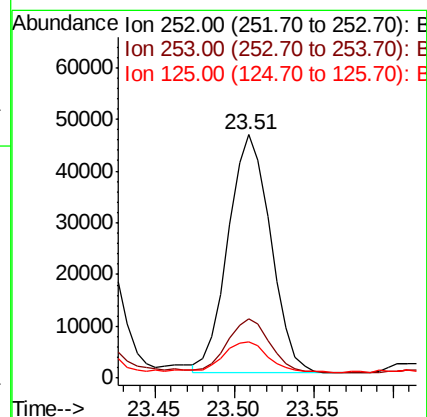
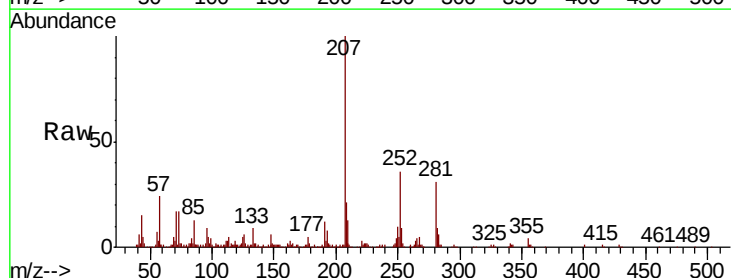
Tgt Ion:252 Resp: 85746

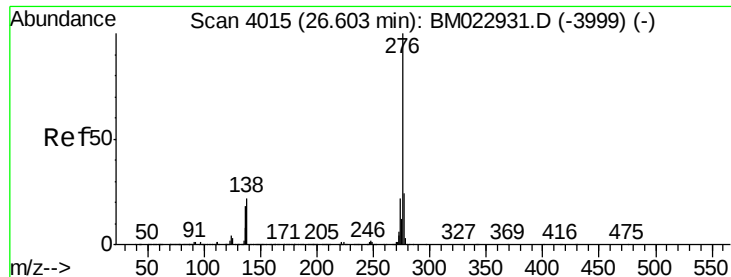
Ion Ratio Lower Upper

252 100

253 24.6 17.6 26.4

125 15.1 8.7 13.1#





#94

Benzo(a,h,i)perylene

Concen: 1.283 ng/ul

RT: 26.60 min Scan# 4014

Delta R.T. -0.01 min

Lab File: BM022945.D

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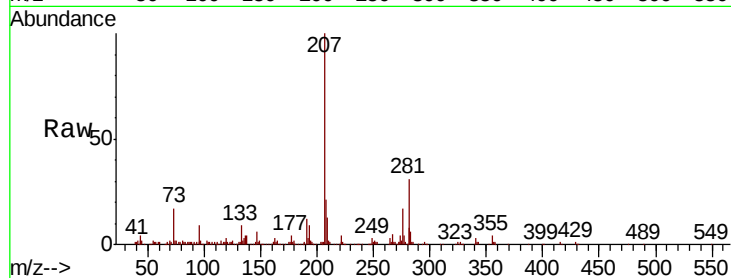
Tot Ion:276 Resp: 71866

Ion Ratio Lower Upper

276 100

138 22.4 17.6 26.4

277 24.3 19.1 28.7



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

