

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
 Data File : BM022935.D
 Acq On : 04 Oct 2019 00:38
 Operator : JU
 Sample : K4988-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 04 04:35:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 02:36:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	206951	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	897462	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.43	164	535088	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.17	188	959922	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	740518	20.00	ng/ul	0.00
86) Perylene-d12	23.61	264	845534	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	14237	2.98	ng/uL	0.00
5) Phenol-d5	6.96	99	266743	14.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	160983	16.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	228803	15.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	168043	11.22	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	114512	16.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	121843	16.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	229158	15.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	225240	12.31	ng/ul	0.00
44) Dimethylphthalate-d6	13.84	166	720114	17.34	ng/ul	0.00
47) Acenaphthylene-d8	14.12	160	830992	17.33	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	67754	8.26	ng/ul	0.00
58) Fluorene-d10	15.42	176	600454	16.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.54	200	54065	8.65	ng/ul	0.00
71) Anthracene-d10	17.27	188	840414	17.93	ng/ul	0.00
79) Pyrene-d10	19.56	212	895460	22.47	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	885628	20.25	ng/ul	0.00

Target Compounds

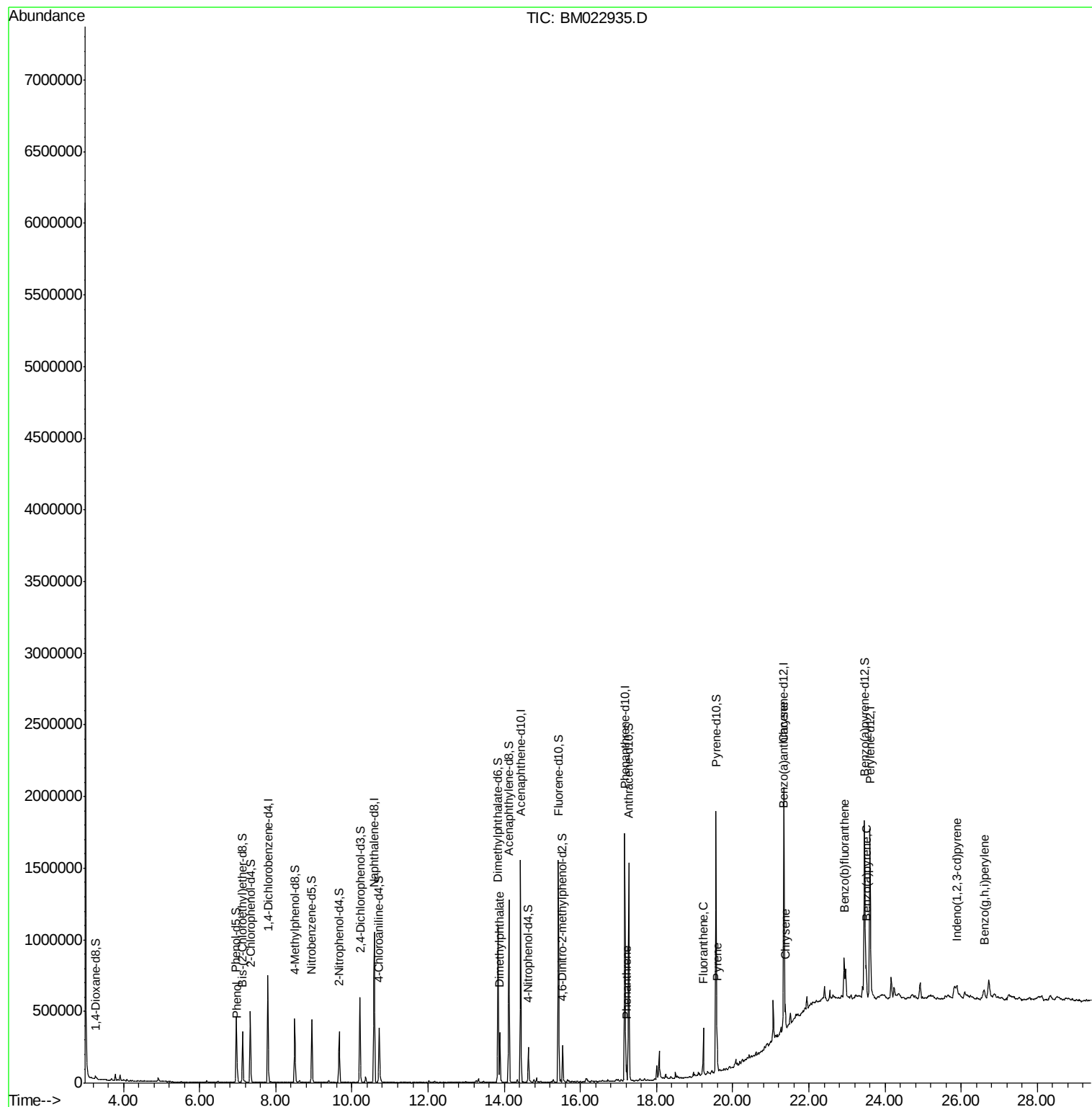
					Ovalue
6) Phenol	6.99	94	48335	2.522	ng/ul 96
45) Dimethylphthalate	13.89	163	226905	5.319	ng/ul 100
70) Phenanthrene	17.21	178	66912	1.168	ng/ul 100
77) Fluoranthene	19.23	202	192865	2.993	ng/ul 99
80) Pyrene	19.59	202	172498	3.286	ng/ul 97
83) Benzo(a)anthracene	21.33	228	82579	1.553	ng/ul 99
85) Chrysene	21.38	228	87914	1.793	ng/ul 98
88) Benzo(b)fluoranthene	22.93	252	129495	2.308	ng/ul# 93
91) Benzo(a)pyrene	23.51	252	90585	1.721	ng/ul# 94
92) Indeno(1,2,3-cd)pyrene	25.89	276	74089	1.325	ng/ul 98
94) Benzo(g,h,i)perylene	26.60	276	77536	1.719	ng/ul 99

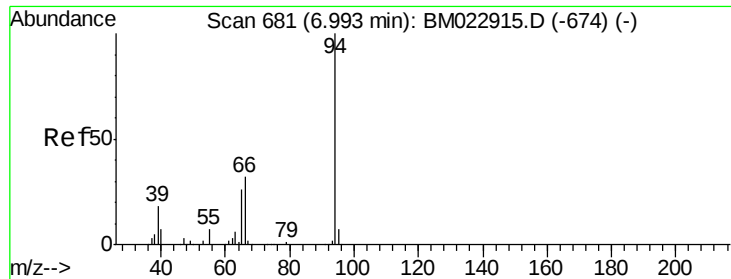
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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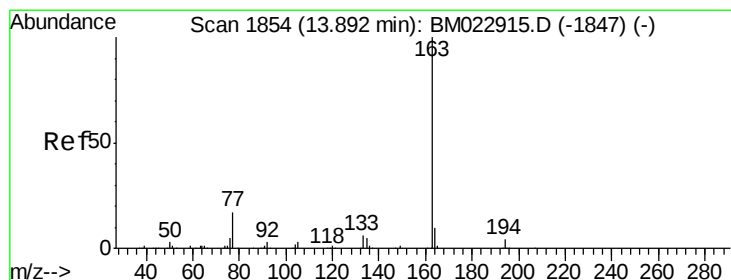
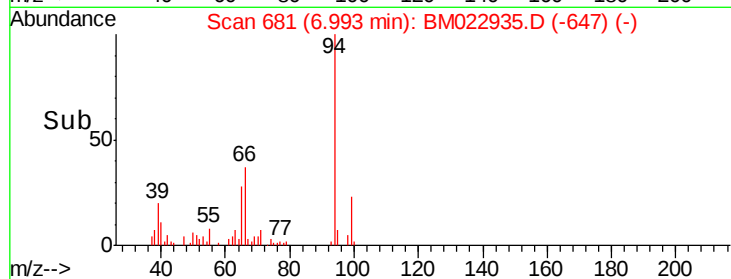
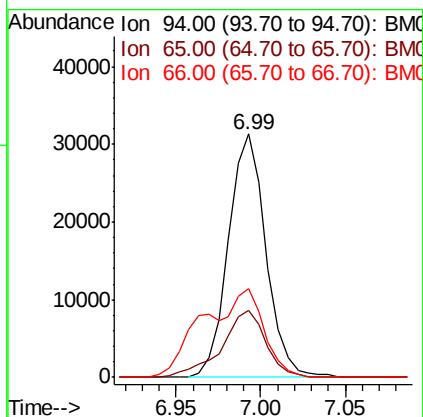
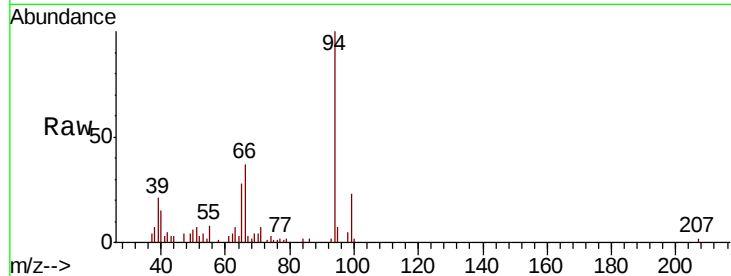
#6

Phenol

Concen: 2.522 ng/ul
 RT: 6.99 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BM022935.D
 Acq: 04 Oct 2019 00:38

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
94	100		
65	27.7	20.9	31.3
66	36.5	27.2	40.8

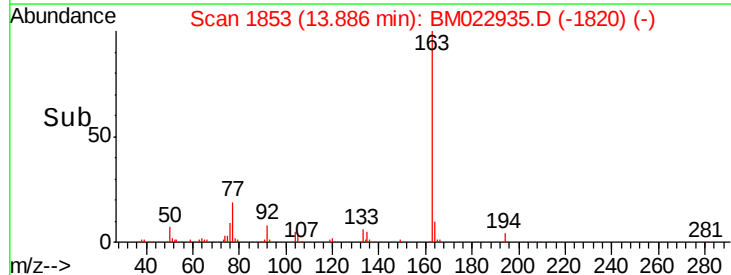
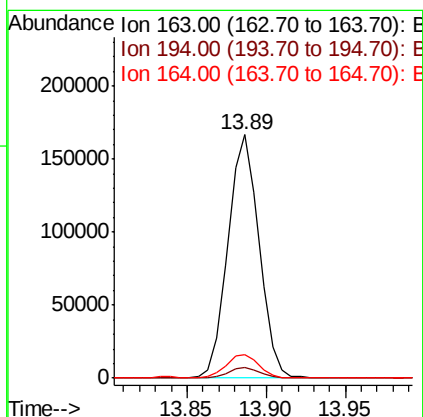
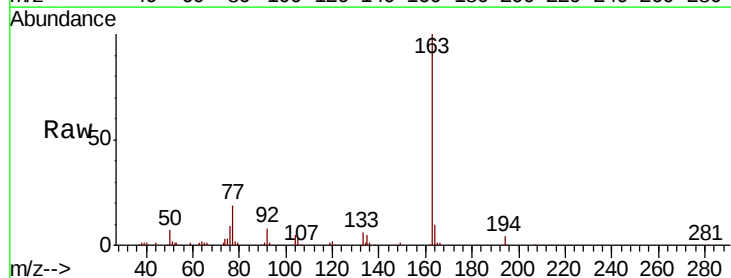


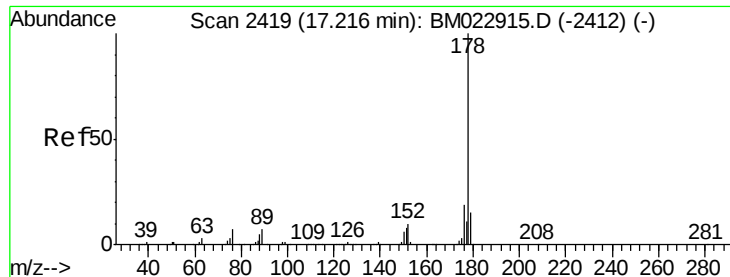
#45

Dimethylphthalate

Concen: 5.319 ng/ul
 RT: 13.89 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BM022935.D
 Acq: 04 Oct 2019 00:38

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	9.9	8.1	12.1





#70

Phenanthrene

Concen: 1.168 ng/ul

RT: 17.21 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BM022935.D

Acq: 04 Oct 2019 00:38

Instrument :

BNA_M

ClientSampleId :

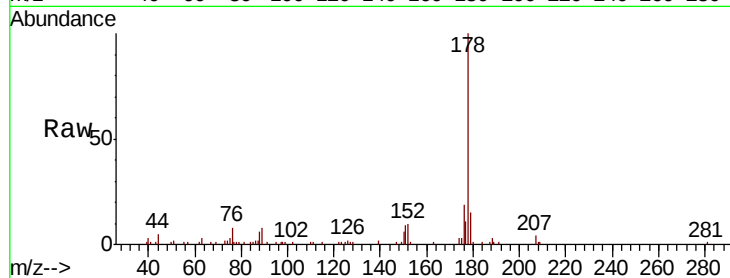
Tot Ion:178 Resp: 66912

Ion Ratio Lower Upper

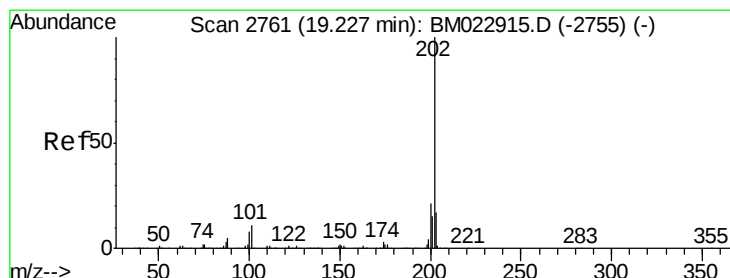
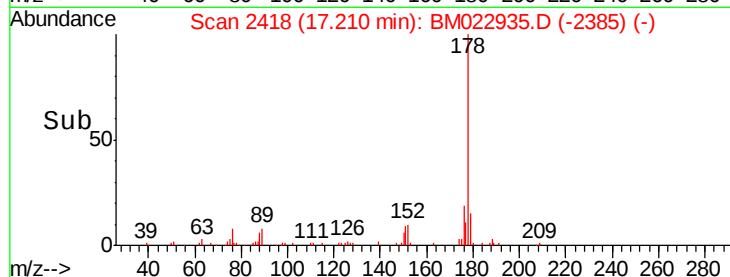
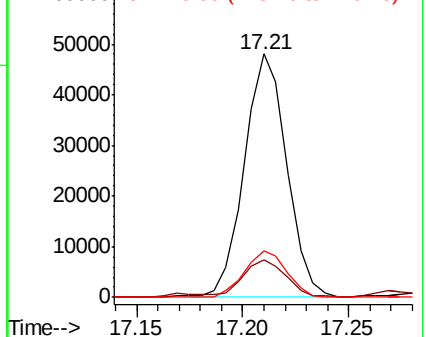
178 100

179 15.4 12.4 18.6

176 19.1 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: 2.993 ng/ul

RT: 19.23 min Scan# 2761

Delta R.T. -0.00 min

Lab File: BM022935.D

Acq: 04 Oct 2019 00:38

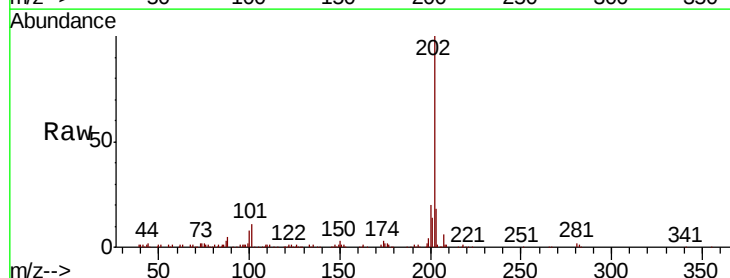
Tgt Ion:202 Resp: 192865

Ion Ratio Lower Upper

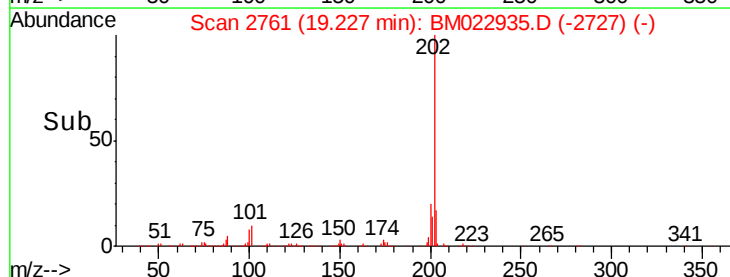
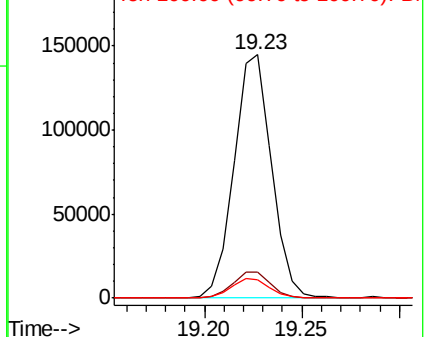
202 100

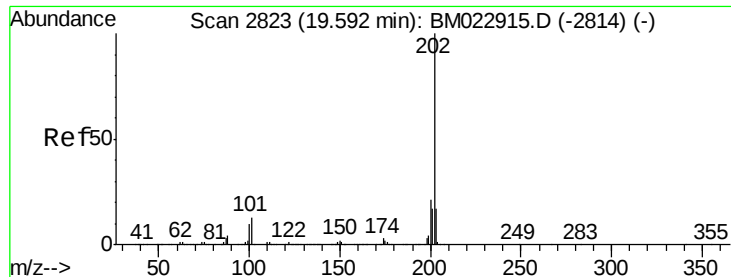
101 10.6 8.6 12.8

100 7.7 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): B

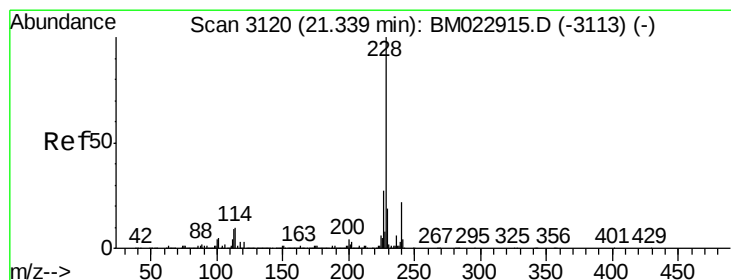
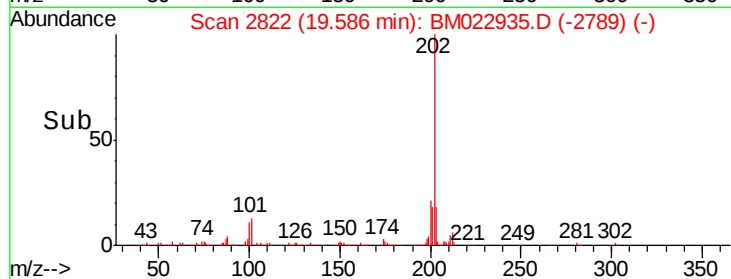
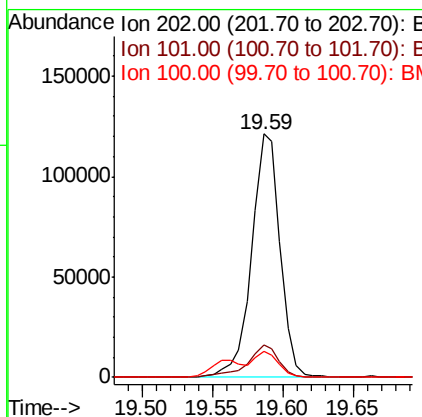
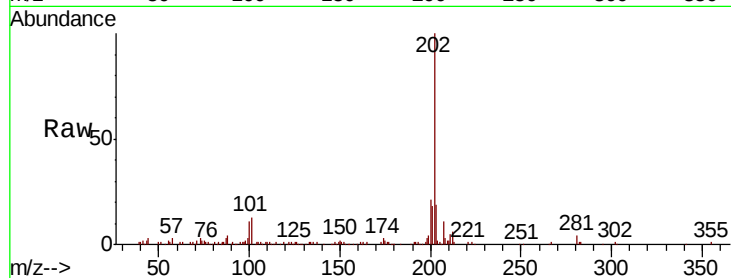




#80
Pvrene
Concen: 3.286 ng/ul
RT: 19.59 min Scan# 2822
Delta R.T. -0.01 min
Lab File: BM022935.D
Acq: 04 Oct 2019 00:38

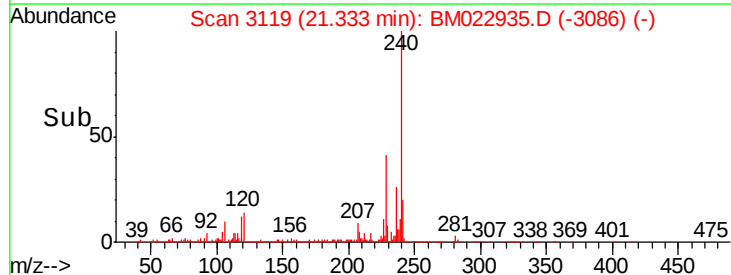
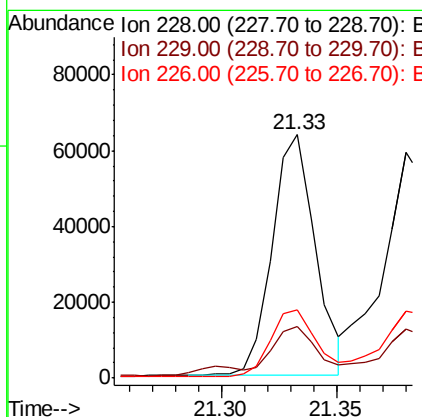
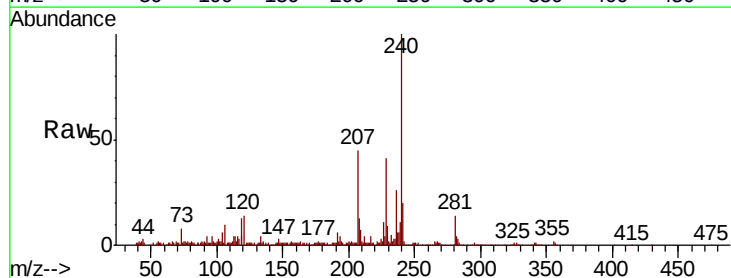
Instrument :
BNA_M
ClientSampleId :

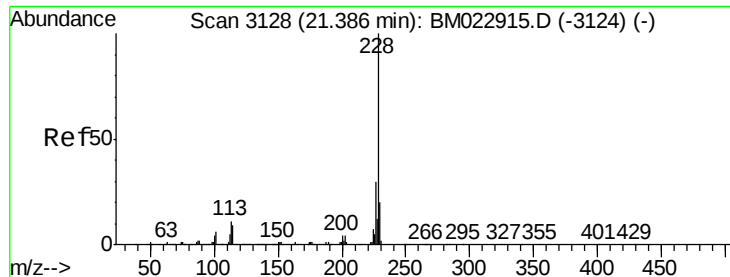
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.3	9.7	14.5
100	10.7	7.8	11.8



#83
Benzo(a)anthracene
Concen: 1.553 ng/ul
RT: 21.33 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BM022935.D
Acq: 04 Oct 2019 00:38

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.8	23.8
226	28.1	22.4	33.6





#85

Chrysene

Concen: 1.793 ng/ul

RT: 21.38 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BM022935.D

Acq: 04 Oct 2019 00:38

Instrument :

BNA_M

ClientSampleId :

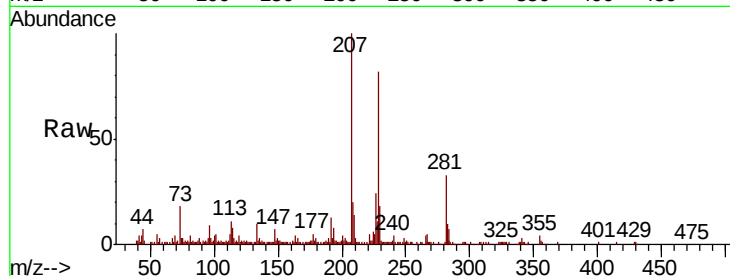
Tot Ion:228 Resp: 87914

Ion Ratio Lower Upper

228 100

226 29.7 24.2 36.4

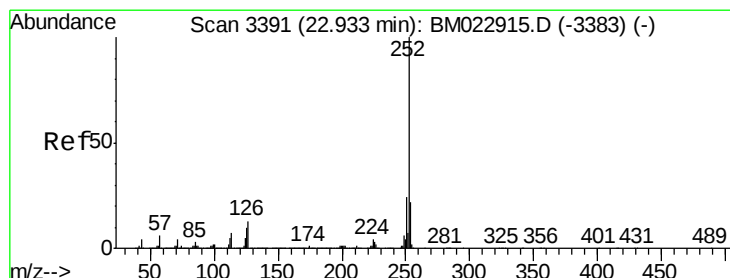
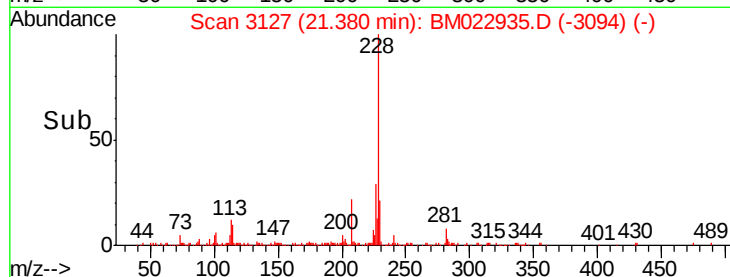
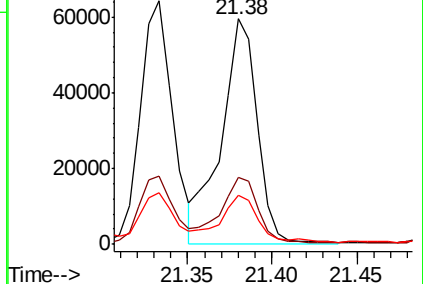
229 21.7 15.9 23.9



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: 2.308 ng/ul

RT: 22.93 min Scan# 3390

Delta R.T. -0.01 min

Lab File: BM022935.D

Acq: 04 Oct 2019 00:38

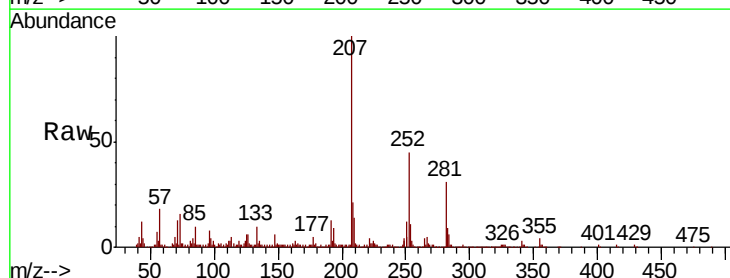
Tgt Ion:252 Resp: 129495

Ion Ratio Lower Upper

252 100

253 24.6 17.7 26.5

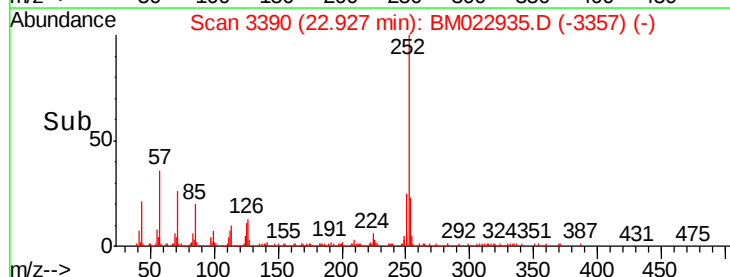
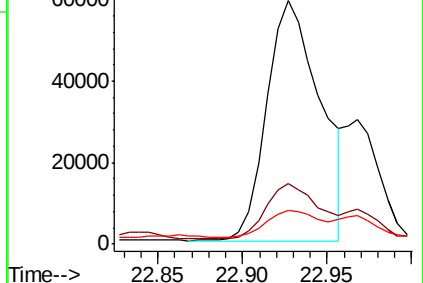
125 13.9 8.2 12.2#

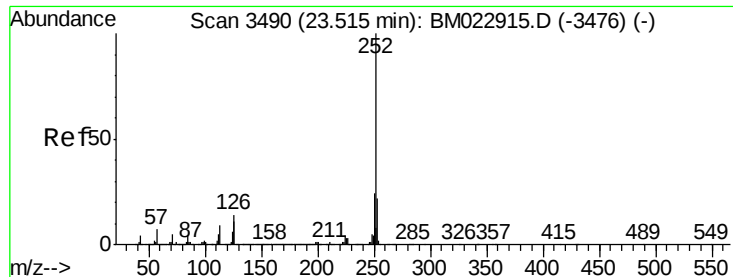


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.721 ng/ul

RT: 23.51 min Scan# 3489

Delta R.T. -0.01 min

Lab File: BM022935.D

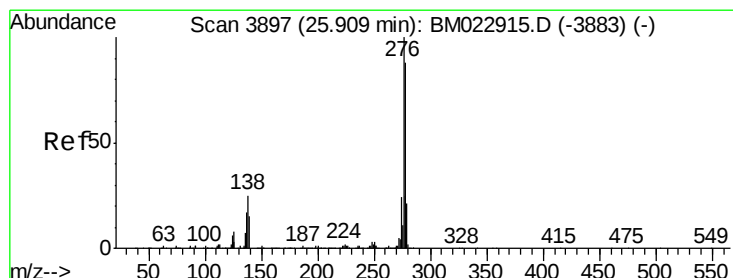
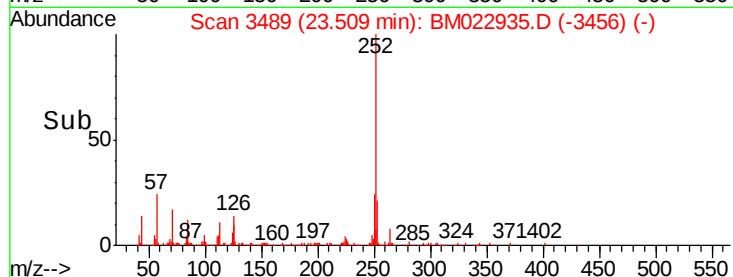
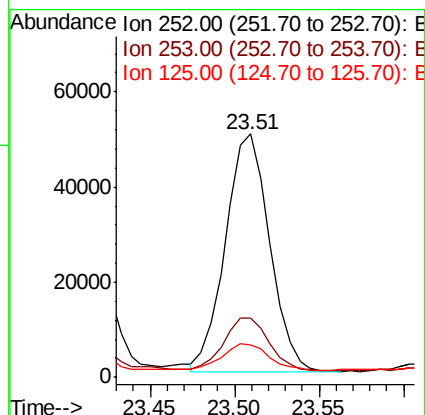
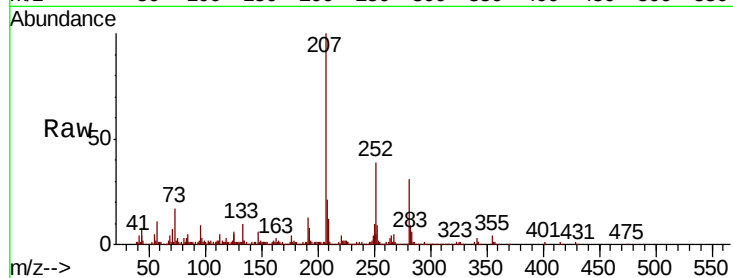
Acq: 04 Oct 2019 00:38

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	90585
Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.6	26.4
125	13.4	8.7	13.1#



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.325 ng/ul

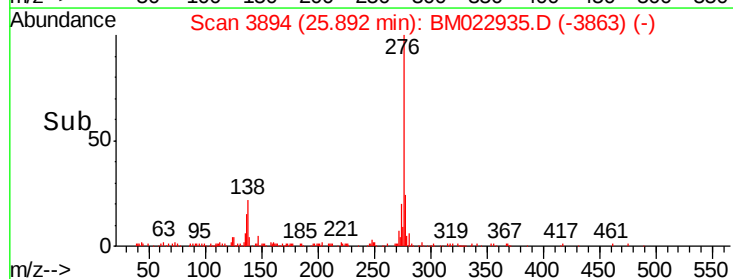
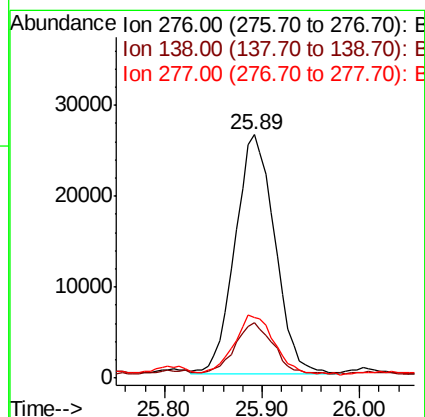
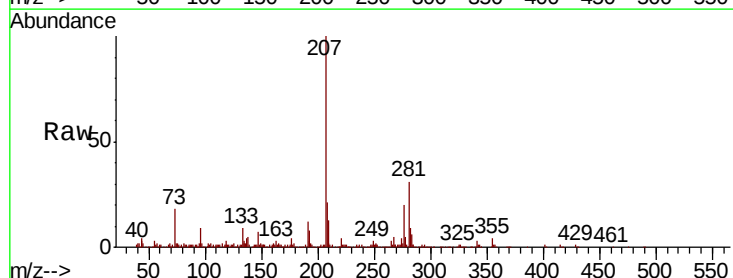
RT: 25.89 min Scan# 3894

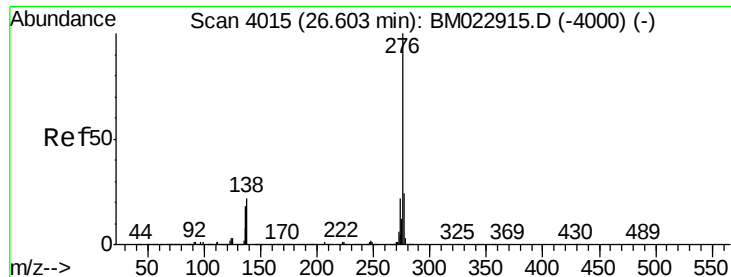
Delta R.T. -0.02 min

Lab File: BM022935.D

Acq: 04 Oct 2019 00:38

Tgt Ion:	276	Resp:	74089
Ion	Ratio	Lower	Upper
276	100		
138	22.9	19.8	29.8
277	24.7	20.3	30.5





#94

Benzo(a,h,i)perylene

Concen: 1.719 ng/ul

RT: 26.60 min Scan# 4014

Delta R.T. -0.01 min

Lab File: BM022935.D

Acq: 04 Oct 2019 00:38

Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 77536

Ion Ratio Lower Upper

276 100

138 21.6 17.6 26.4

277 24.6 19.1 28.7

