

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM093019\
 Data File : BM022827.D
 Acq On : 30 Sep 2019 16:17
 Operator : JU
 Sample : K4958-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 30 23:38:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 27 18:03:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	245541	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1103524	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.45	164	723655	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.18	188	1512480	20.00	ng/ul	0.00
78) Chrysene-d12	21.36	240	1447614	20.00	ng/ul	0.00
86) Perylene-d12	23.63	264	1288258	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	20720	3.65	ng/uL	0.00
5) Phenol-d5	6.97	99	408575	18.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	245605	20.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	351681	20.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	345395	19.44	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	175395	20.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	191704	20.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	368615	19.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	500549	22.25	ng/ul	0.00
44) Dimethylphthalate-d6	13.85	166	1232867	21.95	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	1415379	21.83	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	163299	14.72	ng/ul	-0.01
58) Fluorene-d10	15.43	176	1078797	22.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.55	200	123259	12.52	ng/ul	0.00
71) Anthracene-d10	17.28	188	1663292	22.52	ng/ul	0.00
79) Pyrene-d10	19.57	212	2016195	25.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.49	264	1640861	24.62	ng/ul	-0.01

Target Compounds

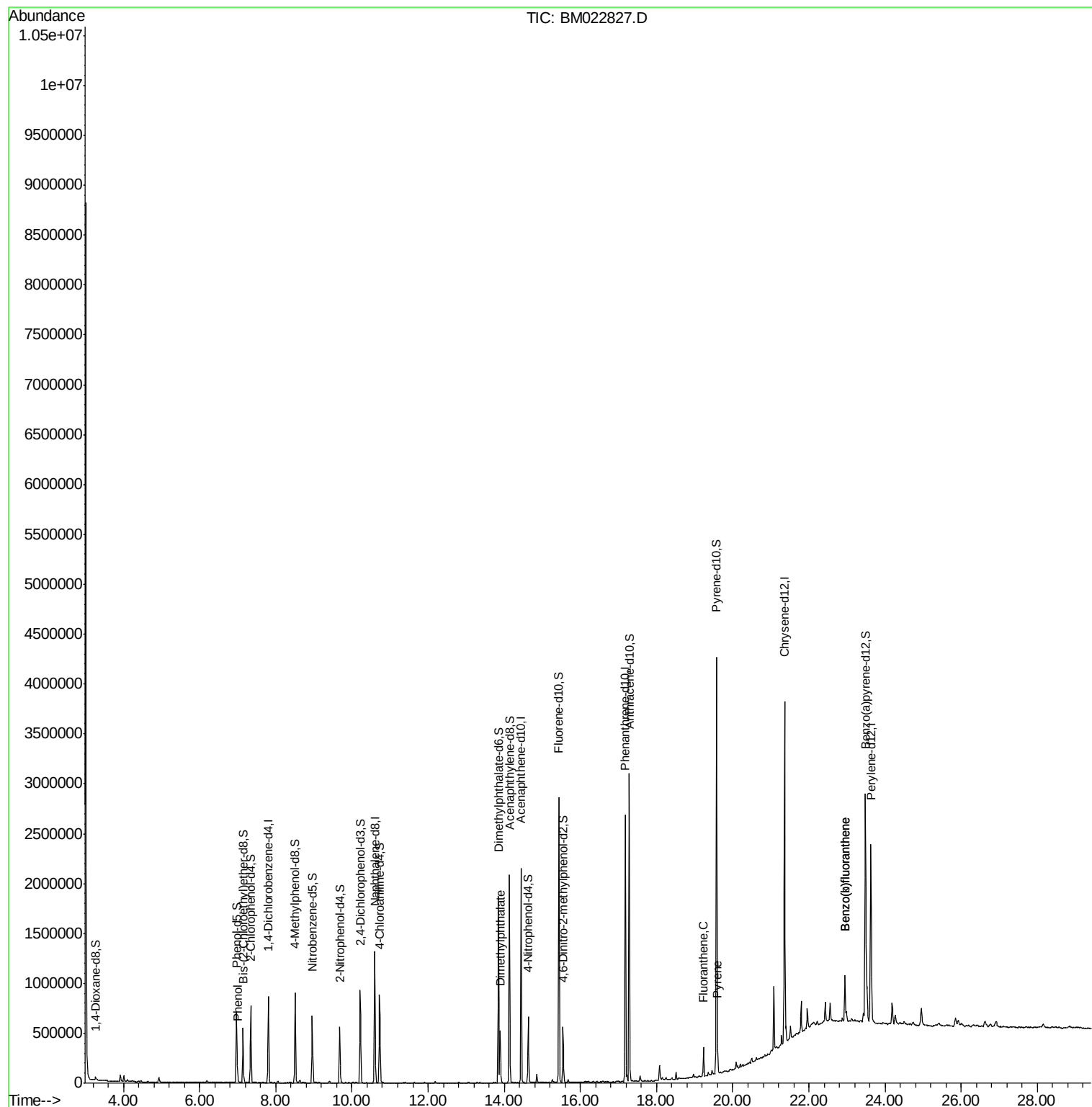
					Ovalue
6) Phenol	7.00	94	50694	2.229	ng/ul 96
45) Dimethylphthalate	13.90	163	328325	5.691	ng/ul 100
77) Fluoranthene	19.24	202	164670	1.622	ng/ul 99
80) Pyrene	19.60	202	147134	1.434	ng/ul 100
88) Benzo(b)fluoranthene	22.94	252	131140	1.534	ng/ul# 92
89) Benzo(k)fluoranthene	22.94	252	131140	1.603	ng/ul# 91

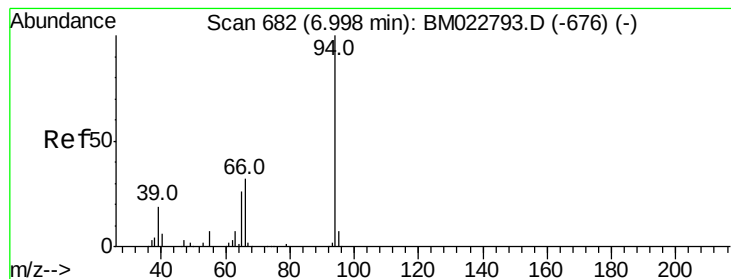
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.229 ng/ul

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM022827.D

Acq: 30 Sep 2019 16:17

Instrument :

BNA_M

ClientSampleId :

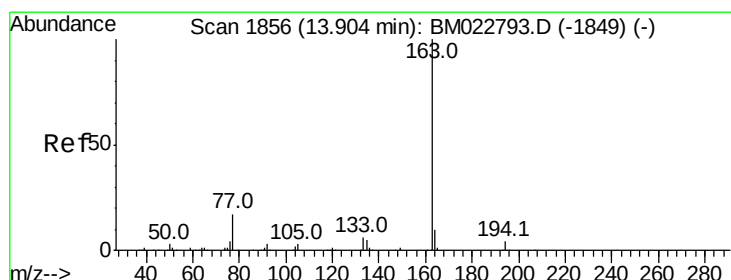
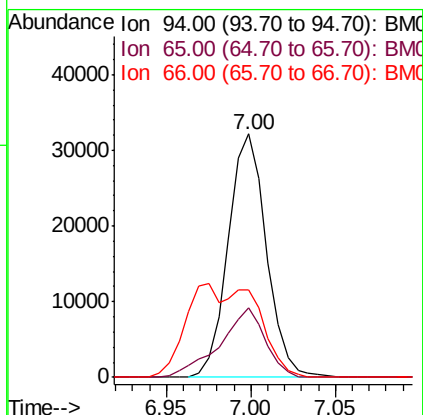
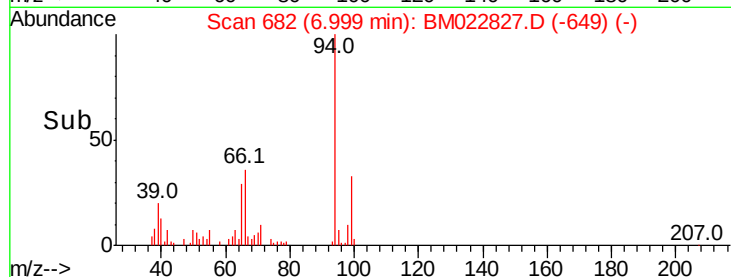
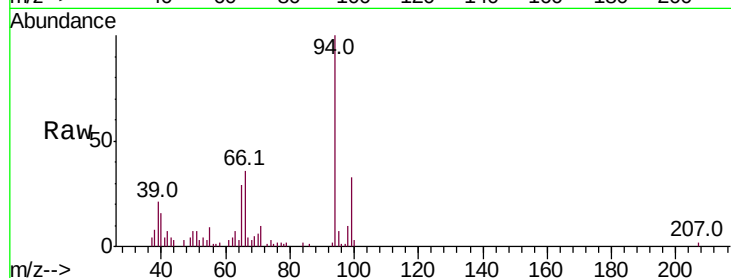
Tot Ion: 94 Resp: 50694

Ion Ratio Lower Upper

94 100

65 28.5 20.9 31.3

66 36.1 27.2 40.8



#45

Dimethylphthalate

Concen: 5.691 ng/ul

RT: 13.90 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BM022827.D

Acq: 30 Sep 2019 16:17

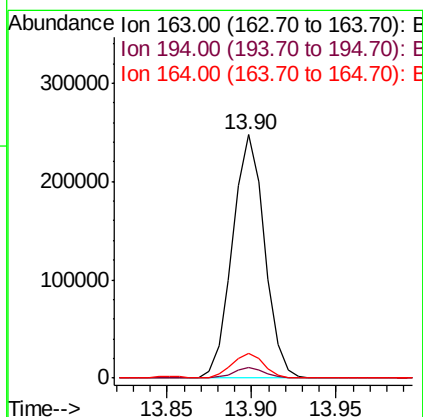
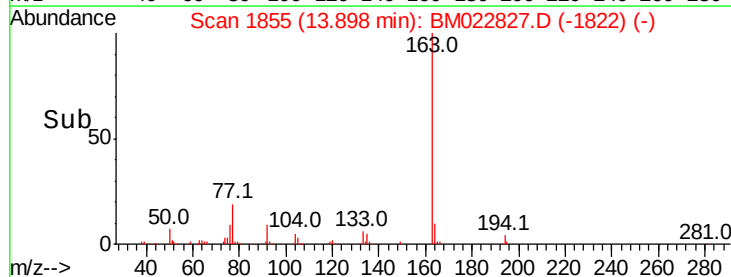
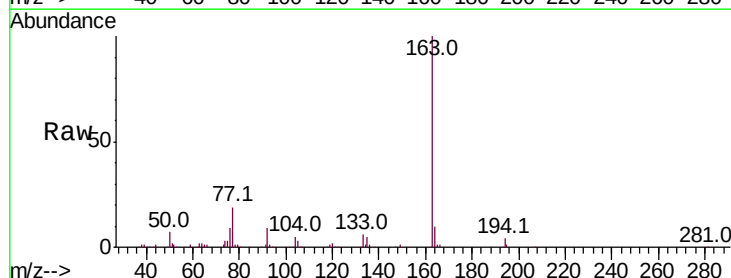
Tgt Ion:163 Resp: 328325

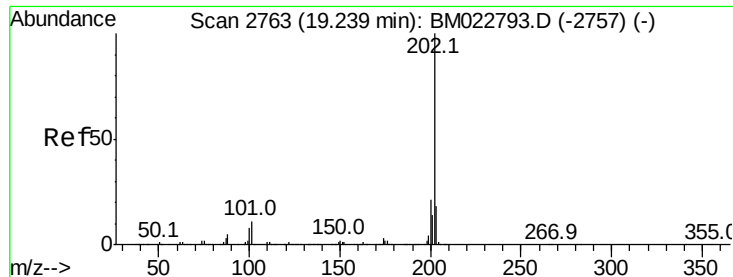
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.1 8.1 12.1

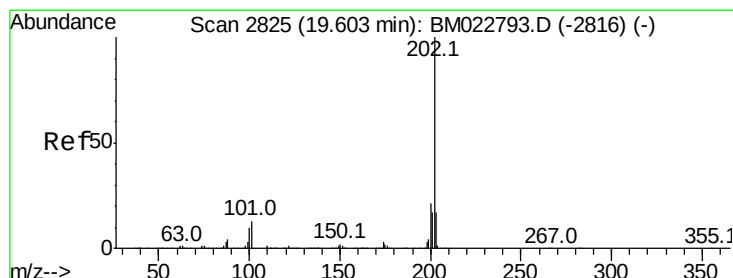
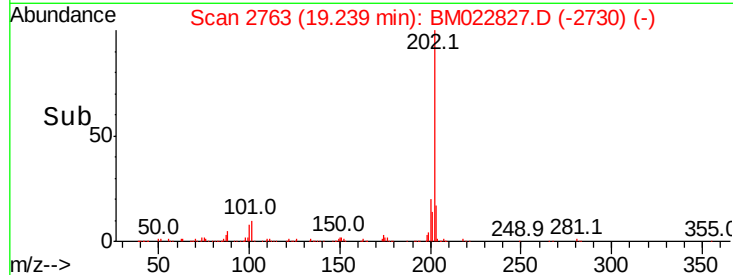
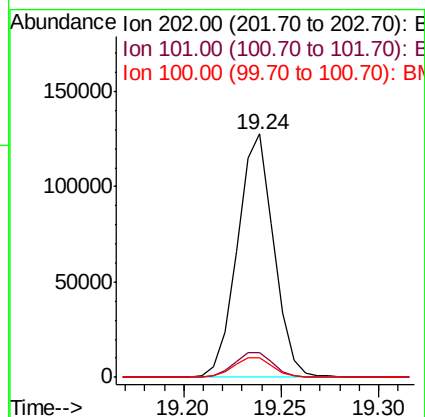
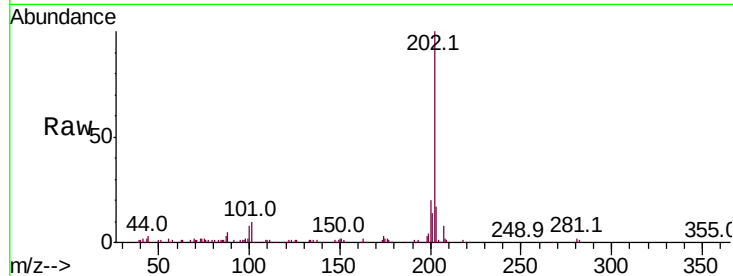




#77
 Fluoranthene
 Concen: 1.622 ng/ul
 RT: 19.24 min Scan# 2763
 Delta R.T. -0.01 min
 Lab File: BM022827.D
 Acq: 30 Sep 2019 16:17

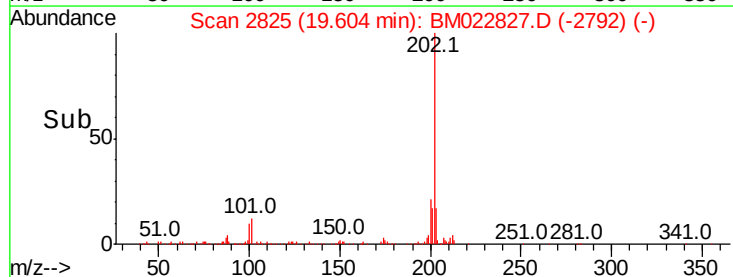
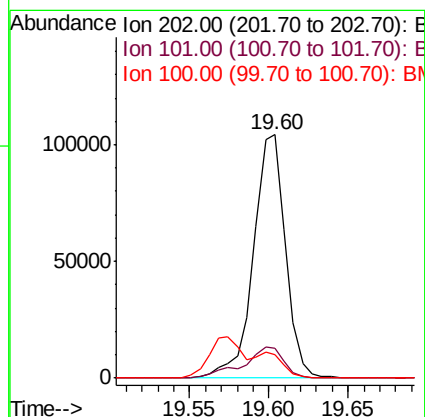
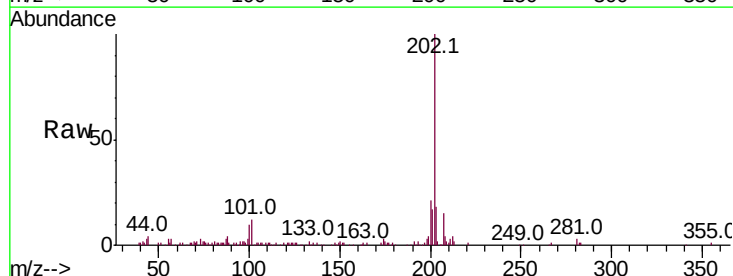
Instrument :
 BNA_M
 ClientSampleId :

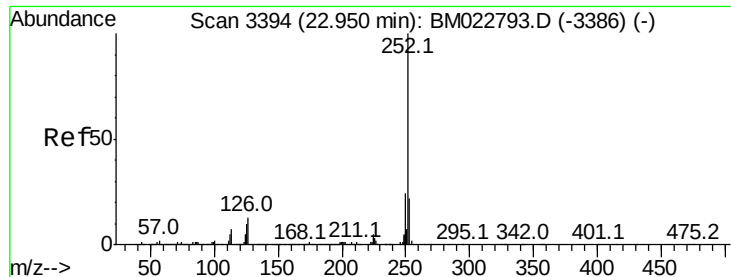
Tot Ion:	202	Resp:	164670
Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.6	12.8
100	8.0	6.4	9.6



#80
 Pyrene
 Concen: 1.434 ng/ul
 RT: 19.60 min Scan# 2825
 Delta R.T. -0.01 min
 Lab File: BM022827.D
 Acq: 30 Sep 2019 16:17

Tgt Ion:	202	Resp:	147134
Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.7	14.5
100	9.6	7.8	11.8





#88

Benzo(b)fluoranthene

Concen: 1.534 ng/ul

RT: 22.94 min Scan# 3393

Delta R.T. -0.01 min

Lab File: BM022827.D

Acq: 30 Sep 2019 16:17

Instrument :

BNA_M

ClientSampleId :

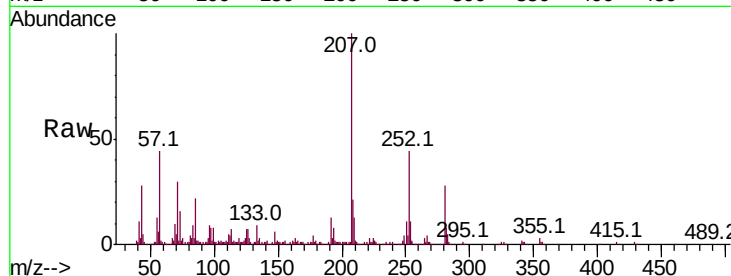
Tot Ion:252 Resp: 131140

Ion Ratio Lower Upper

252 100

253 24.4 17.7 26.5

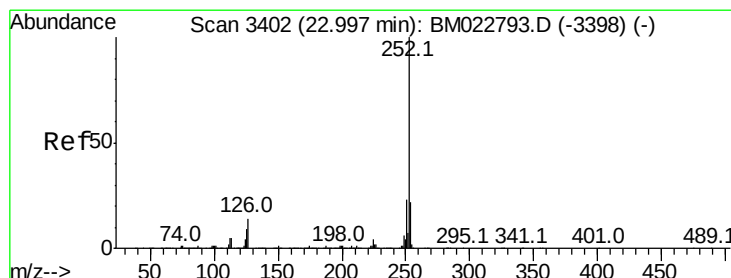
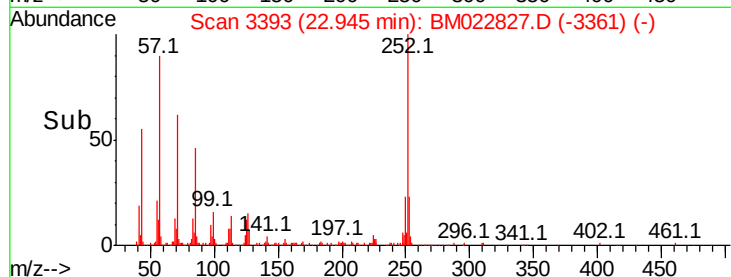
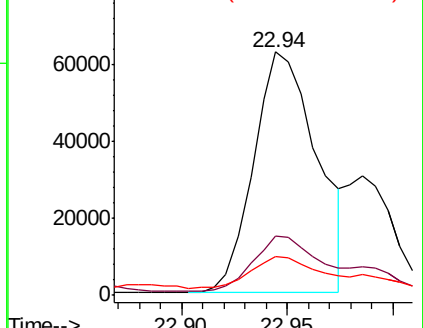
125 15.7 8.2 12.2#



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: 1.603 ng/ul

RT: 22.94 min Scan# 3393

Delta R.T. -0.06 min

Lab File: BM022827.D

Acq: 30 Sep 2019 16:17

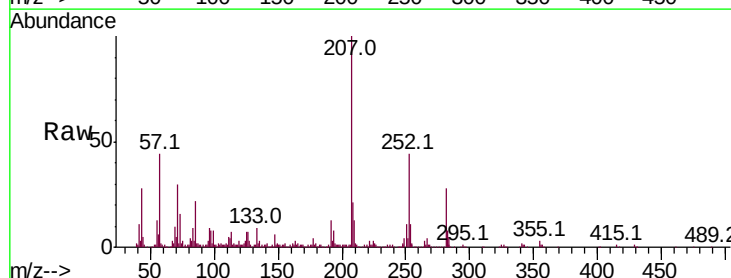
Tgt Ion:252 Resp: 131140

Ion Ratio Lower Upper

252 100

253 24.4 17.5 26.3

125 15.7 7.9 11.9#



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

