

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090420\
 Data File : BM027339.D
 Acq On : 04 Sep 2020 20:33
 Operator : JU/CG
 Sample : L3840-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB0

Quant Time: Sep 05 00:59:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 05 00:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	148580	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	596467	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.21	164	435780	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	1035391	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	1279795	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	1248440	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	11264	3.37	ng/uL	0.00
5) Phenol-d5	6.76	99	189564	15.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	141984	17.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	153108	17.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	159837	16.00	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	78995	17.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	87015	17.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	171380	16.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	205928	16.44	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	661503	19.08	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	724408	18.49	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	66551	10.90	ng/ul	0.00
58) Fluorene-d10	15.21	176	556308	17.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	66784	10.08	ng/ul	0.00
71) Anthracene-d10	17.06	188	885641	18.09	ng/ul	0.00
79) Pyrene-d10	19.36	212	1149440	20.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	1245348	18.60	ng/ul	0.00

Target Compounds

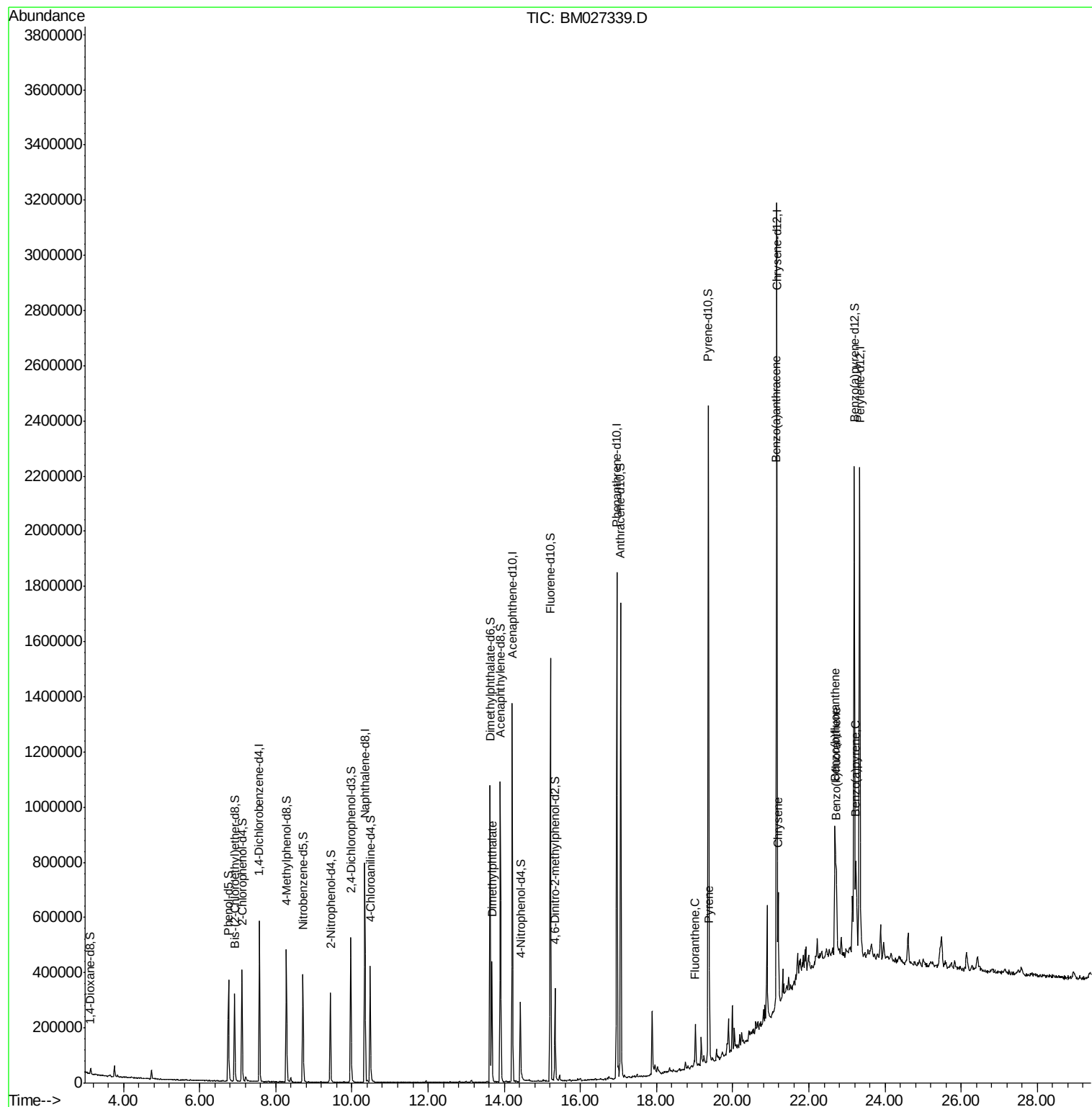
					Ovalue
45) Dimethylphthalate	13.67	163	254379	6.961	ng/ul 99
77) Fluoranthene	19.02	202	85625	1.172	ng/ul 99
80) Pyrene	19.39	202	178293	2.303	ng/ul 99
83) Benzo(a)anthracene	21.14	228	115353	1.391	ng/ul 97
85) Chrysene	21.19	228	226267	2.762	ng/ul 99
88) Benzo(b)fluoranthene	22.69	252	370175	4.491	ng/ul# 98
89) Benzo(k)fluoranthene	22.72	252	150749	1.824	ng/ul 97
91) Benzo(a)pyrene	23.23	252	216850	2.820	ng/ul 98

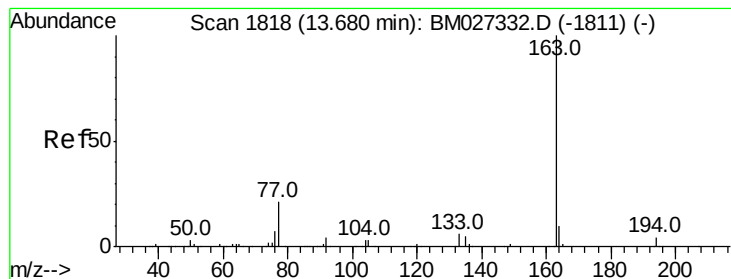
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 6.961 ng/ul

RT: 13.67 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BM027339.D

Acq: 04 Sep 2020 20:33

Instrument :

BNA_M

ClientSampleId :

C0AB0

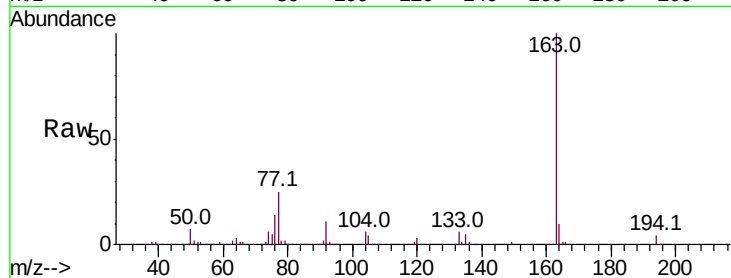
Tot Ion:163 Resp: 254379

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

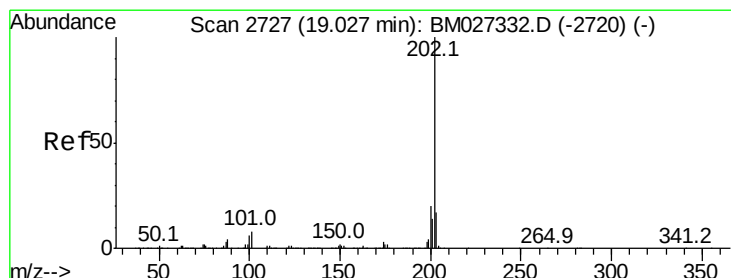
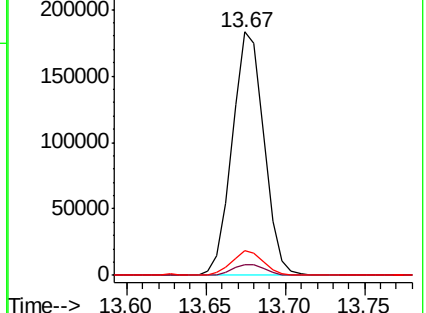
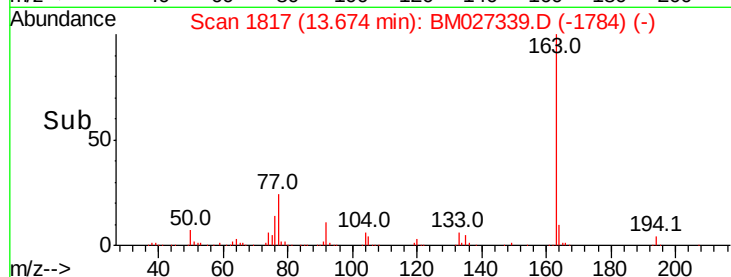
164 10.4 8.1 12.1



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



#77

Fluoranthene

Concen: 1.172 ng/ul

RT: 19.02 min Scan# 2726

Delta R.T. -0.01 min

Lab File: BM027339.D

Acq: 04 Sep 2020 20:33

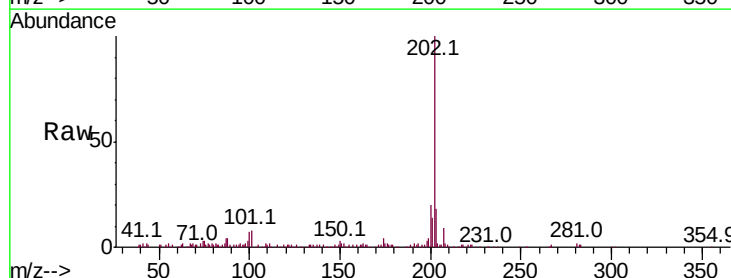
Tgt Ion:202 Resp: 85625

Ion Ratio Lower Upper

202 100

101 8.0 6.2 9.2

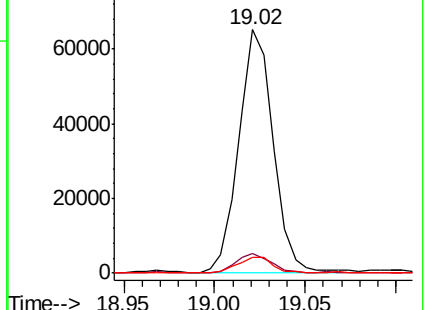
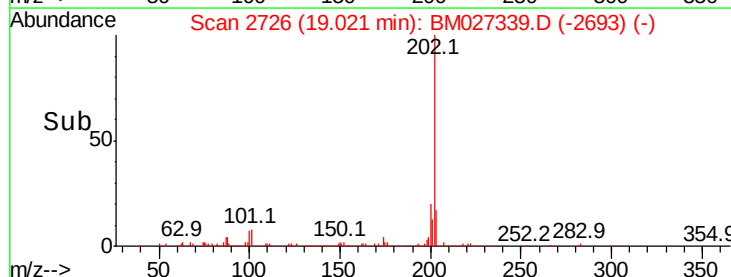
100 6.6 5.0 7.6

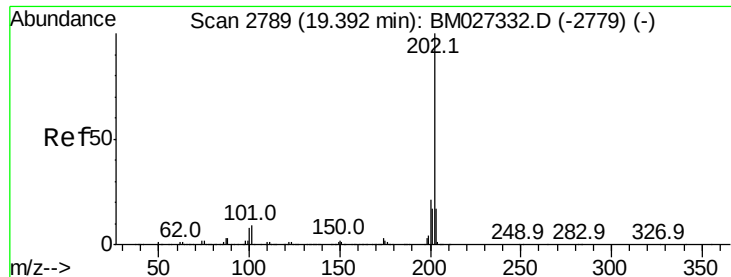


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

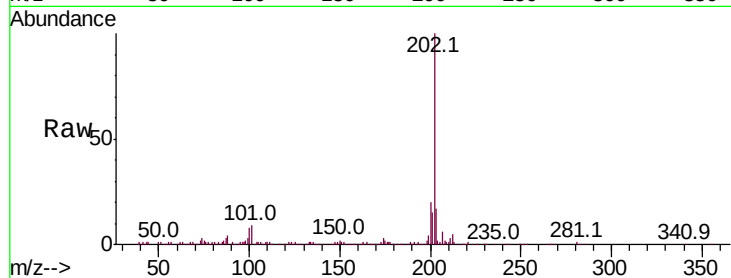




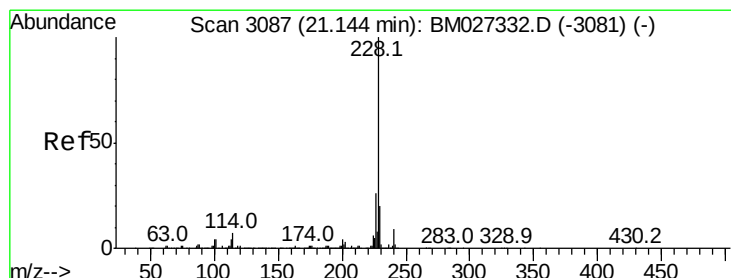
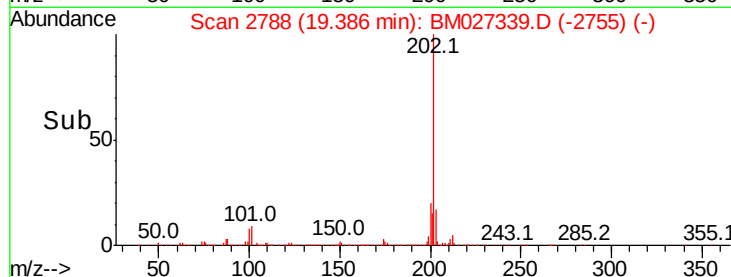
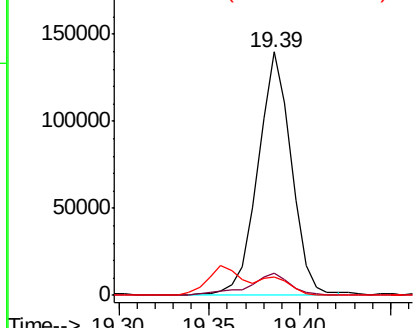
#80
Pvrene
Concen: 2.303 ng/ul
RT: 19.39 min Scan# 2788
Delta R.T. -0.01 min
Lab File: BM027339.D
Acq: 04 Sep 2020 20:33

Instrument :
BNA_M
ClientSampleId :
C0AB0

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.1	10.7
100	7.6	6.1	9.1

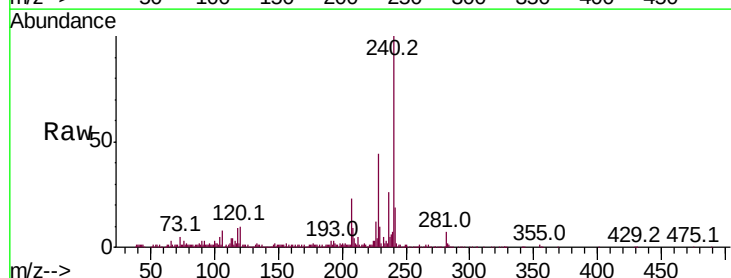


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

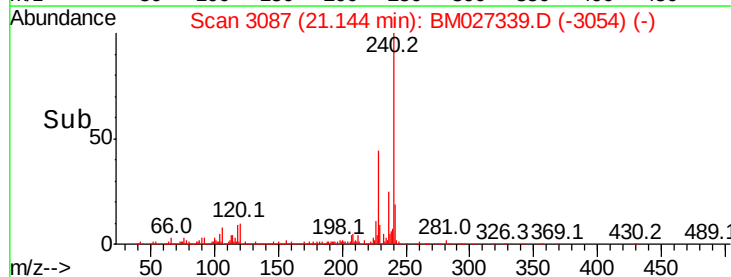
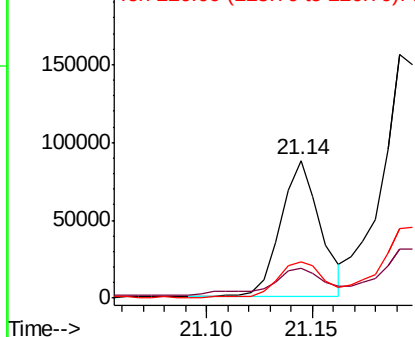


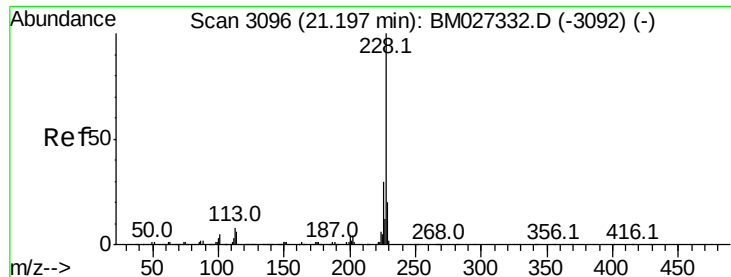
#83
Benzo(a)anthracene
Concen: 1.391 ng/ul
RT: 21.14 min Scan# 3087
Delta R.T. -0.01 min
Lab File: BM027339.D
Acq: 04 Sep 2020 20:33

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.8	23.6
226	26.0	21.5	32.3



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: 2.762 ng/ul

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM027339.D

Acq: 04 Sep 2020 20:33

Instrument :

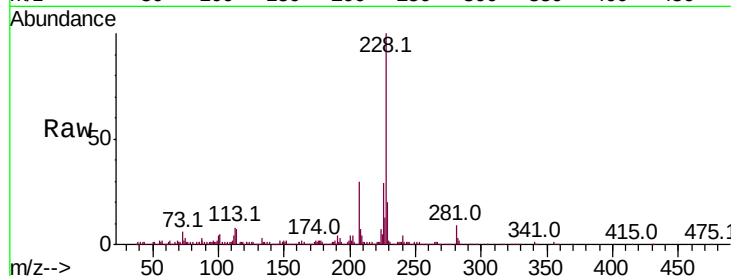
BNA_M

ClientSampleId :

C0AB0

Tot Ion:228 Resp: 226267

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.4	35.2
229	20.0	15.8	23.8

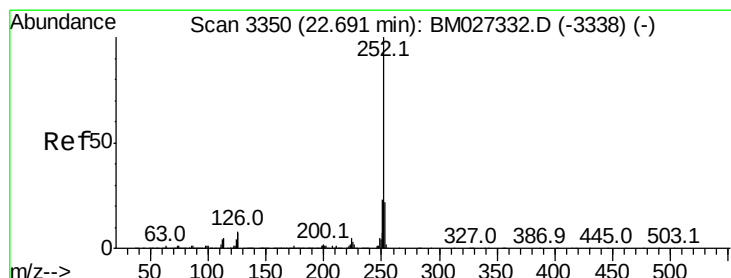
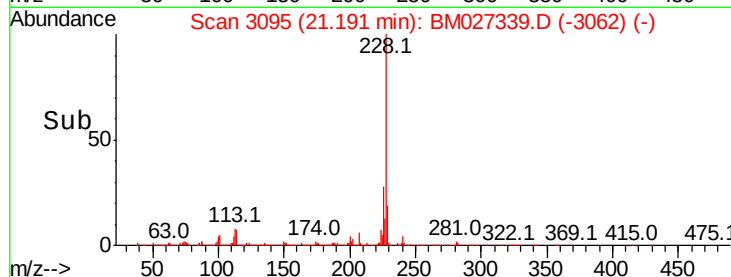
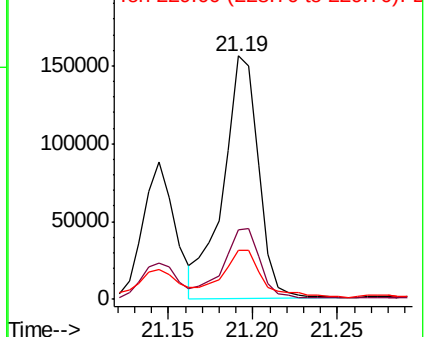


Abundance

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: 4.491 ng/ul

RT: 22.69 min Scan# 3349

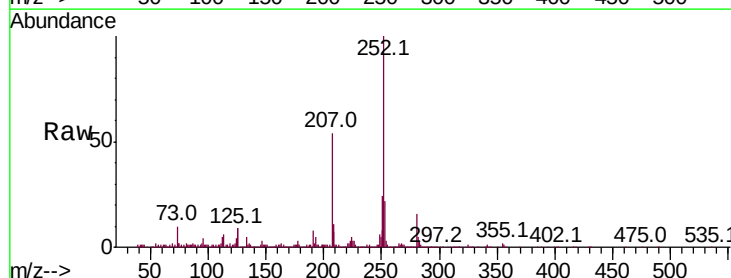
Delta R.T. -0.01 min

Lab File: BM027339.D

Acq: 04 Sep 2020 20:33

Tgt Ion:252 Resp: 370175

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	8.7	5.1	7.7#

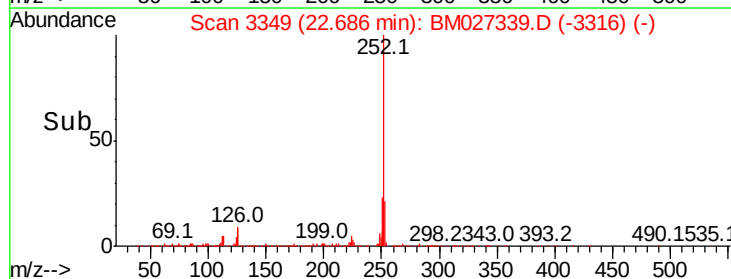
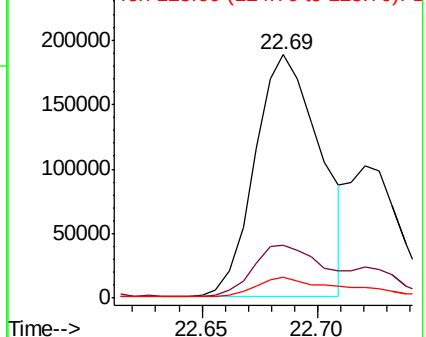


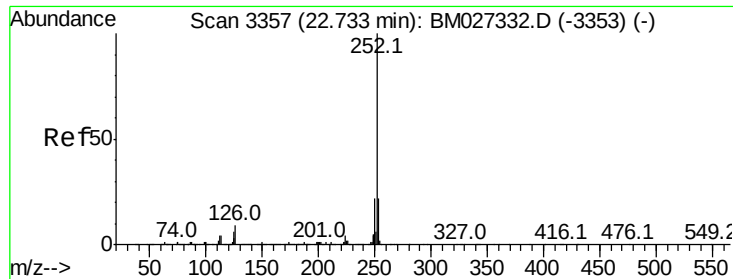
Abundance

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: 1.824 ng/ul

RT: 22.72 min Scan# 3355

Delta R.T. -0.01 min

Lab File: BM027339.D

Acq: 04 Sep 2020 20:33

Instrument :

BNA_M

ClientSampleId :

C0AB0

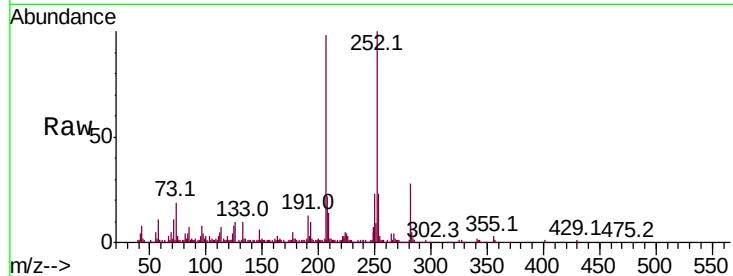
Tot Ion:252 Resp: 150749

Ion Ratio Lower Upper

252 100

253 23.4 17.4 26.0

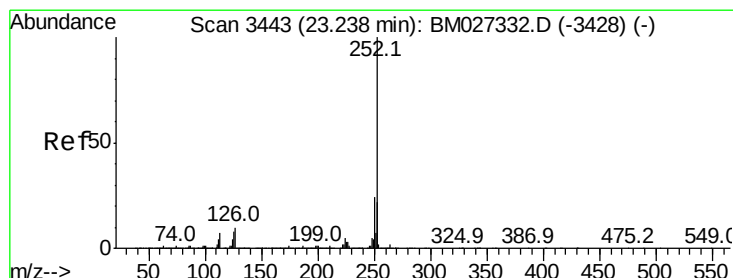
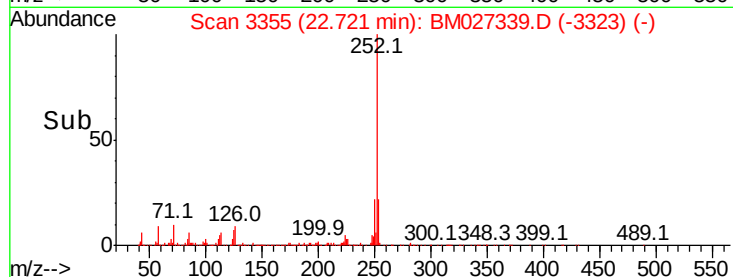
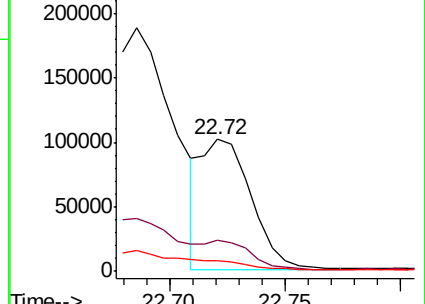
125 7.8 5.6 8.4



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: 2.820 ng/ul

RT: 23.23 min Scan# 3442

Delta R.T. -0.01 min

Lab File: BM027339.D

Acq: 04 Sep 2020 20:33

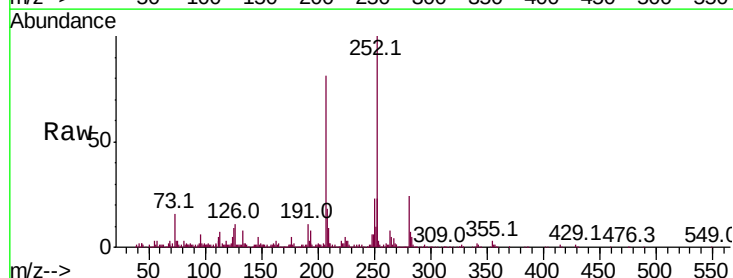
Tgt Ion:252 Resp: 216850

Ion Ratio Lower Upper

252 100

253 23.3 17.5 26.3

125 8.8 6.6 10.0



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

