

Data File : BP000738.D
Acq On : 15 Oct 2019 03:20
Operator : JU
Sample : K5175-15
Misc : GCMS CONFIRMATION
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BEPG2

Quant Time: Oct 15 05:11:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 15 03:51:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	236605	20.00	ng/ul	0.00
18) Naphthalene-d8	8.03	136	930352	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.79	164	523629	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.29	188	1003695	20.00	ng/ul	0.00
78) Chrysene-d12	13.97	240	898980	20.00	ng/ul	0.00
86) Perylene-d12	15.45	264	999784	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.34	96	100	0.02	ng/uL	-0.02
5) Phenol-d5	6.38	99	8	0.00	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.43	67	101	0.01	ng/ul	0.00
9) 2-Chlorophenol-d4	6.51	132	13	0.00	ng/ul	-0.01
13) 4-Methylphenol-d8	7.12	113	13	0.00	ng/ul	-0.01
19) Nitrobenzene-d5	7.30	128	14	0.00	ng/ul	0.00
22) 2-Nitrophenol-d4	7.63	143	9	0.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.89	165	13	0.00	ng/ul	0.00
29) 4-Chloroaniline-d4	8.09	131	80	0.00	ng/ul	0.00
44) Dimethylphthalate-d6	9.47	166	38	0.00	ng/ul	-0.02
47) Acenaphthylene-d8	9.79	160	236695	5.25	ng/ul	0.15
52) 4-Nitrophenol-d4	9.92	143	22	0.00	ng/ul	0.00
58) Fluorene-d10	10.32	176	1193	0.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	28	0.01	ng/ul	0.00
71) Anthracene-d10	11.35	188	5586	0.12	ng/ul	0.00
79) Pyrene-d10	12.73	212	127	0.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.45	264	998381	20.23	ng/ul	0.08

Target Compounds

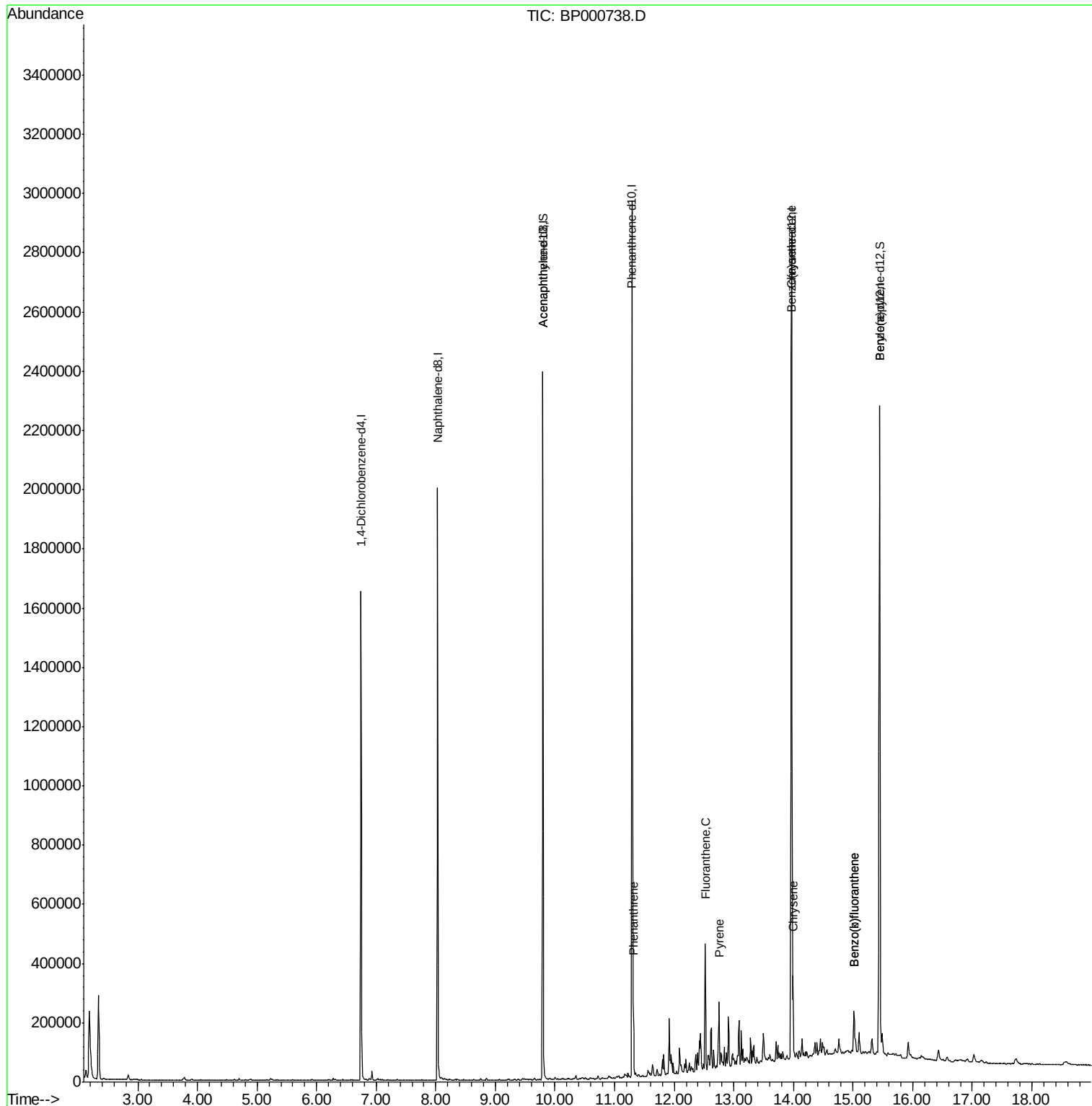
					Qvalue
70) Phenanthrene	11.32	178	80739	1.476	ng/ul 98
77) Fluoranthene	12.52	202	170121	3.035	ng/ul 96
80) Pyrene	12.75	202	84891	1.331	ng/ul 98
83) Benzo(a)anthracene	13.96	228	63807	1.058	ng/ul 98
85) Chrysene	13.99	228	103486	1.845	ng/ul 99
88) Benzo(b)fluoranthene	15.02	252	73560	1.233	ng/ul 99
89) Benzo(k)fluoranthene	15.02	252	73560	1.295	ng/ul 98

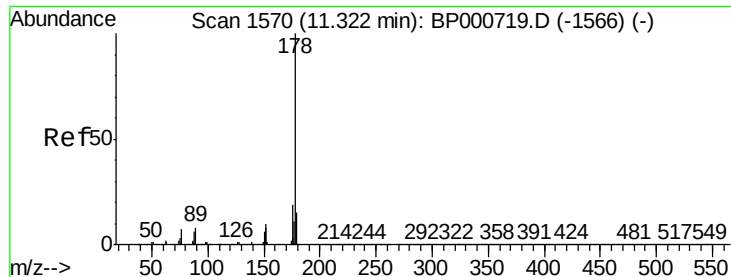
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#70

Phenanthrene

Concen: 1.476 ng/ul

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

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BNA_P

ClientSampleId :

BEPG2

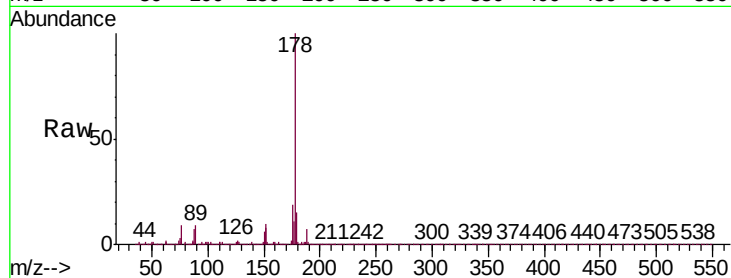
Tgt Ion:178 Resp: 80739

Ion Ratio Lower Upper

178 100

179 14.8 12.5 18.7

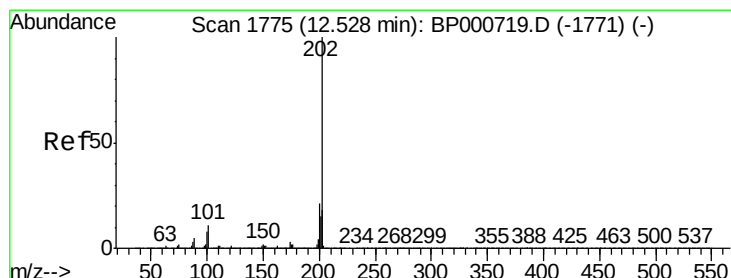
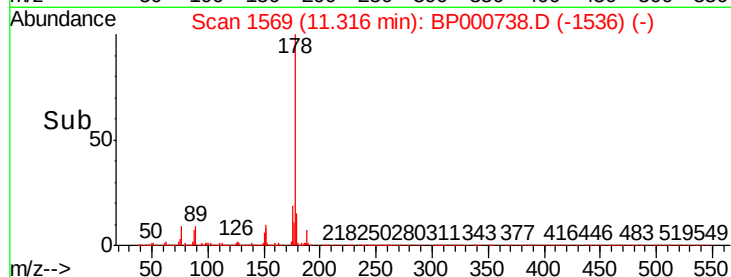
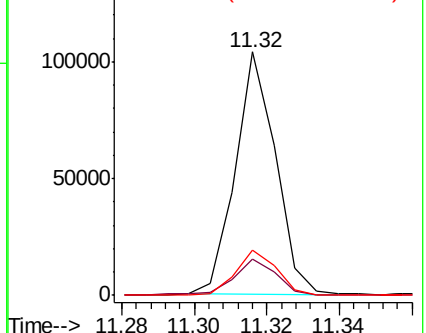
176 18.7 15.4 23.2



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: 3.035 ng/ul

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BP000738.D

Acq: 15 Oct 2019 03:20

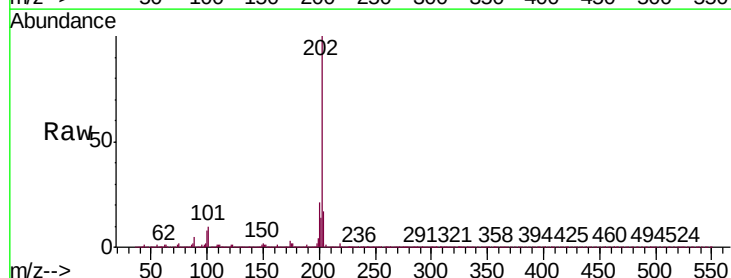
Tgt Ion:202 Resp: 170121

Ion Ratio Lower Upper

202 100

101 10.4 9.8 14.6

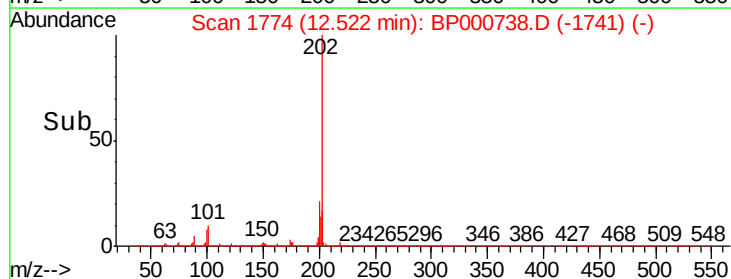
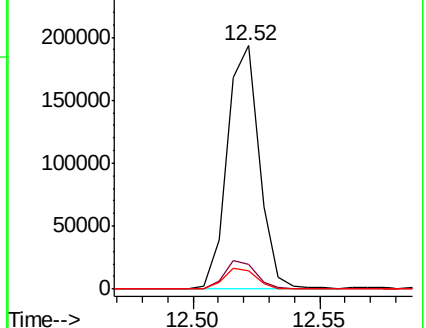
100 7.5 7.2 10.8

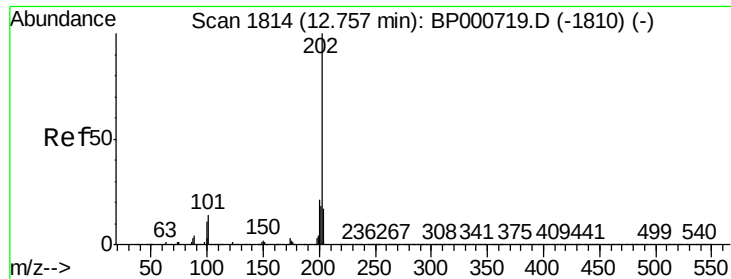


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

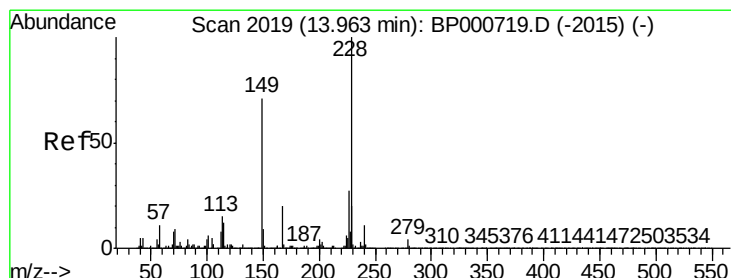
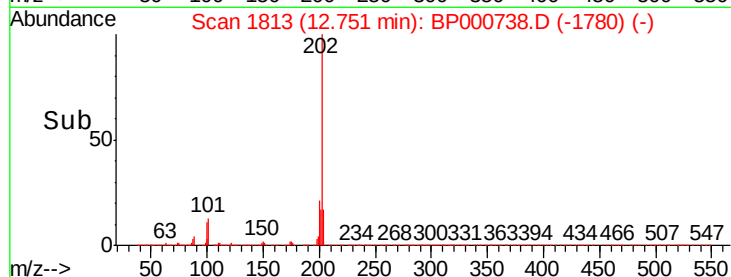
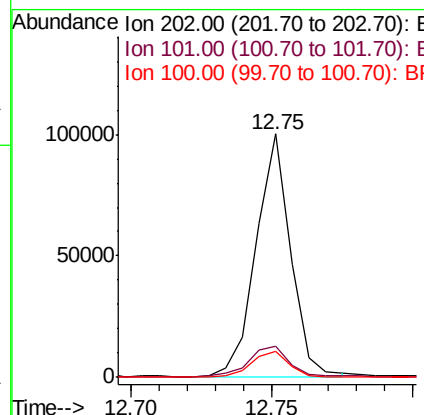
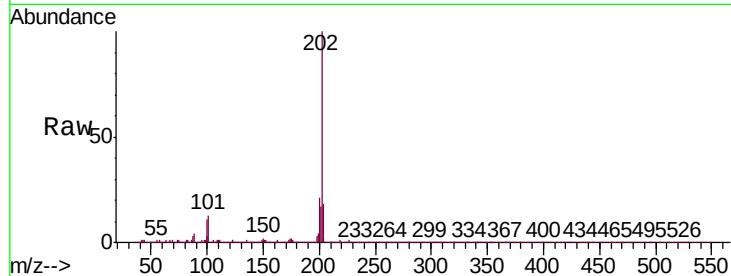




#80
Pyrene
Concen: 1.331 ng/ul
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BP000738.D
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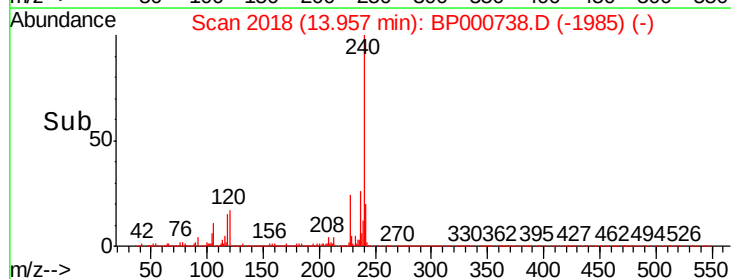
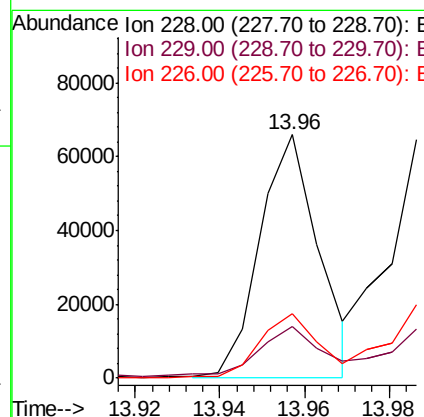
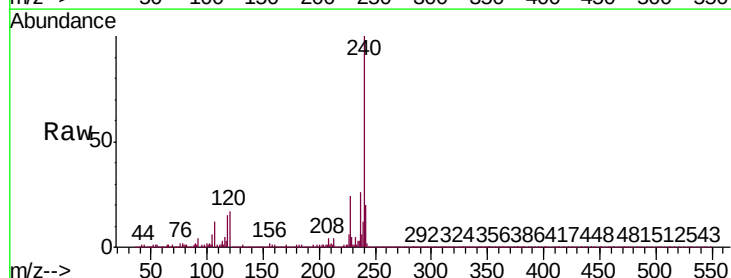
Instrument :
BNA_P
ClientSampled :
BEPG2

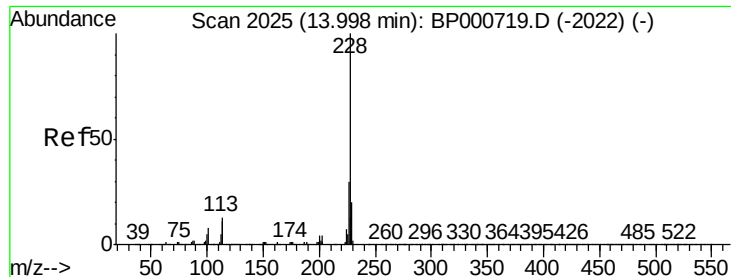
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.7	14.5
100	10.6	7.8	11.8



#83
Benzo(a)anthracene
Concen: 1.058 ng/ul
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BP000738.D
Acq: 15 Oct 2019 03:20

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.6	23.4
226	26.5	21.8	32.8





#85

Chrysene

Concen: 1.845 ng/ul

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BP000738.D

Acq: 15 Oct 2019 03:20

Instrument :

BNA_P

ClientSampleId :

BEPG2

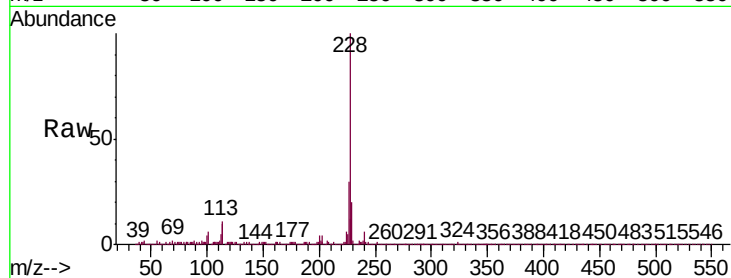
Tgt Ion:228 Resp: 103486

Ion Ratio Lower Upper

228 100

226 29.6 24.2 36.4

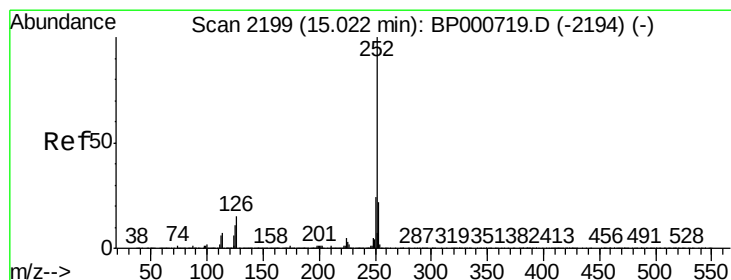
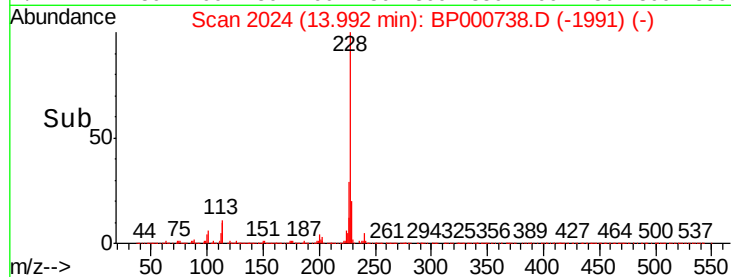
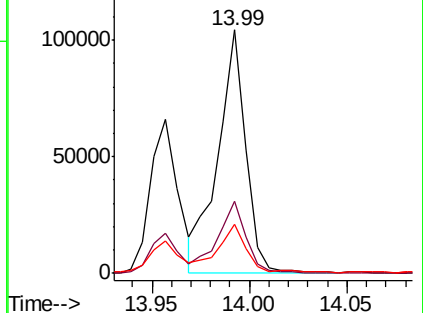
229 20.2 15.8 23.6



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: 1.233 ng/ul

RT: 15.02 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BP000738.D

Acq: 15 Oct 2019 03:20

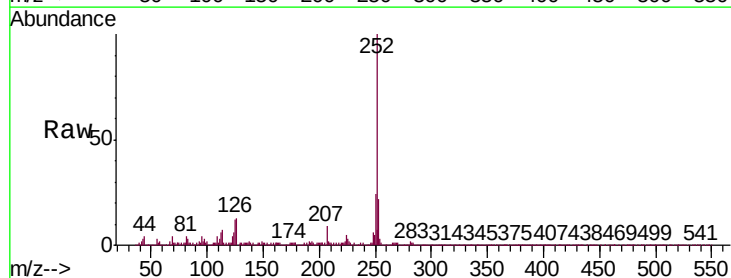
Tgt Ion:252 Resp: 73560

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

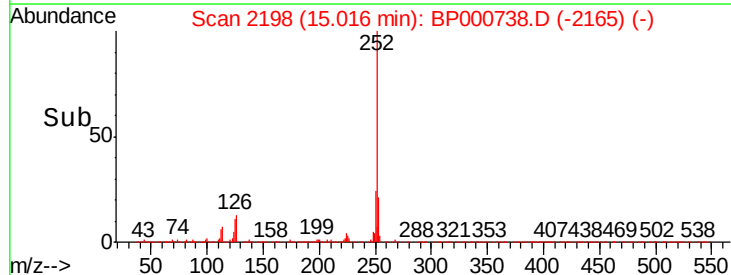
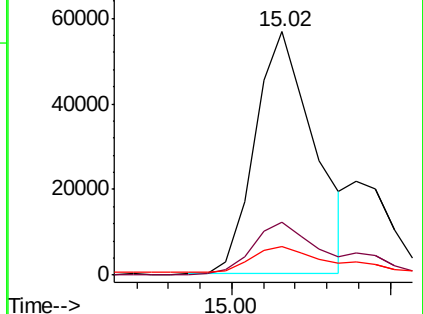
125 11.8 8.7 13.1

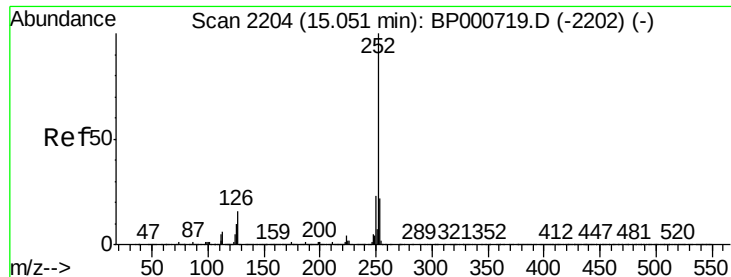


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 1.295 ng/ul

RT: 15.02 min Scan# 2198

Delta R.T. -0.04 min

Lab File: BP000738.D

Acq: 15 Oct 2019 03:20

Instrument :

BNA_P

ClientSampleId :

BEPG2

Tgt Ion:252 Resp: 73560

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 11.8 8.2 12.4

