

Data File : BP000807.D
Acq On : 16 Oct 2019 12:54
Operator : JU
Sample : K5223-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BEPD7

Quant Time: Oct 17 08:00:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 07:55:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	191988	20.00	ng/ul	0.00
18) Naphthalene-d8	8.03	136	713956	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.80	164	393008	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.29	188	707438	20.00	ng/ul	0.00
78) Chrysene-d12	13.97	240	610833	20.00	ng/ul	0.00
86) Perylene-d12	15.45	264	660774	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.37	96	21205	4.58	ng/uL	0.02
5) Phenol-d5	6.39	99	360048	24.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.43	67	197351	26.65	ng/ul	0.00
9) 2-Chlorophenol-d4	6.52	132	322161	25.82	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	246455	21.78	ng/ul	0.00
19) Nitrobenzene-d5	7.30	128	154607	28.49	ng/ul	0.00
22) 2-Nitrophenol-d4	7.63	143	167612	29.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.88	165	285905	25.85	ng/ul	0.00
29) 4-Chloroaniline-d4	8.09	131	339991	27.64	ng/ul	0.00
44) Dimethylphthalate-d6	9.49	166	799054	29.04	ng/ul	0.00
47) Acenaphthylene-d8	9.64	160	942507	27.85	ng/ul	0.00
52) 4-Nitrophenol-d4	9.92	143	76569	18.07	ng/ul	0.00
58) Fluorene-d10	10.32	176	662160	28.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	56590	16.80	ng/ul	0.00
71) Anthracene-d10	11.35	188	907543	27.70	ng/ul	0.00
79) Pyrene-d10	12.73	212	982023	28.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.36	264	921258	28.24	ng/ul	0.00

Target Compounds

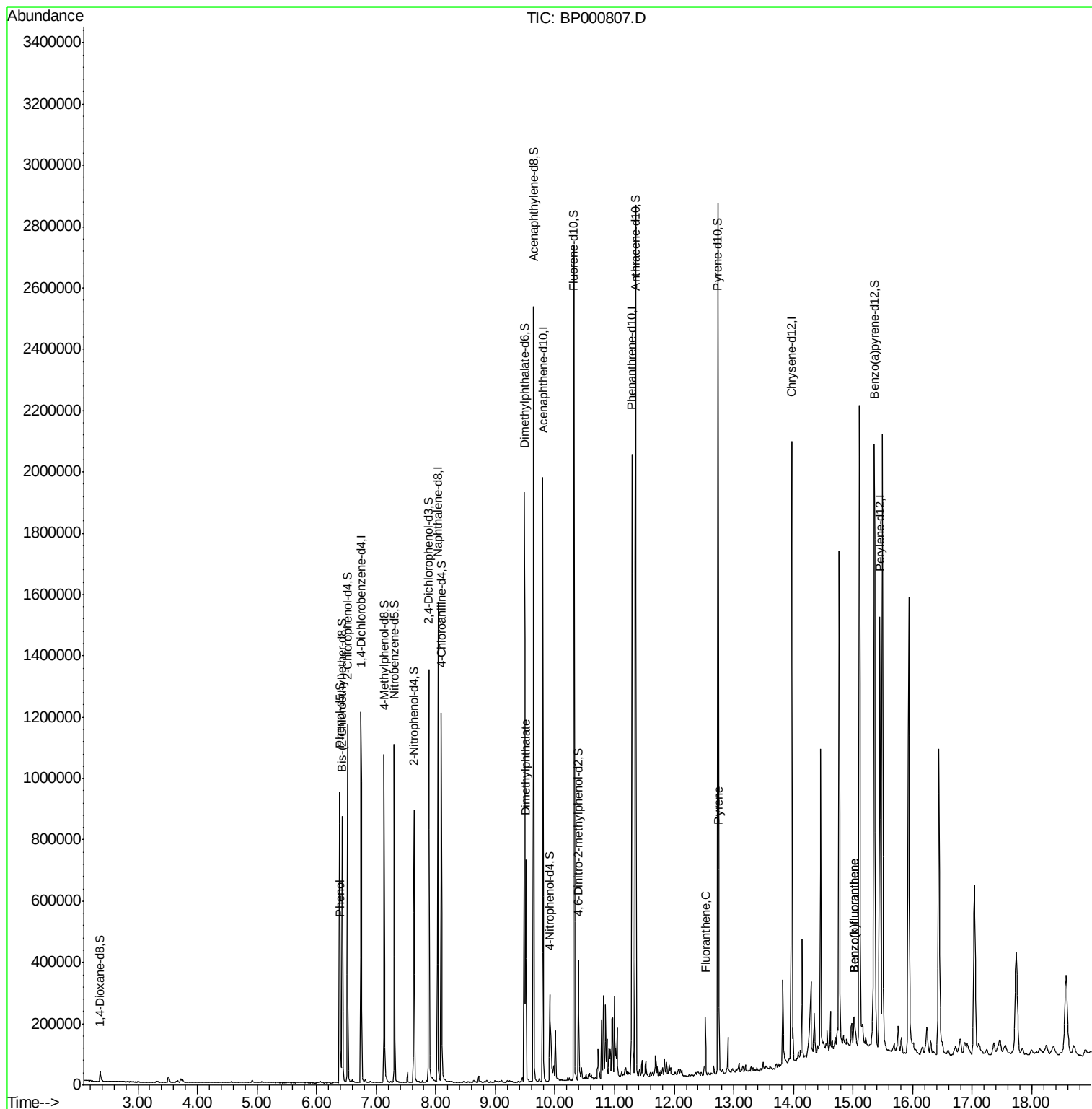
					Qvalue
6) Phenol	6.40	94	51878	3.475 ng/ul	98
45) Dimethylphthalate	9.51	163	256434	9.355 ng/ul	100
77) Fluoranthene	12.52	202	68418	1.732 ng/ul	98
80) Pyrene	12.75	202	63807	1.472 ng/ul#	95
88) Benzo(b)fluoranthene	15.02	252	50511	1.281 ng/ul	98
89) Benzo(k)fluoranthene	15.02	252	50511	1.345 ng/ul	98

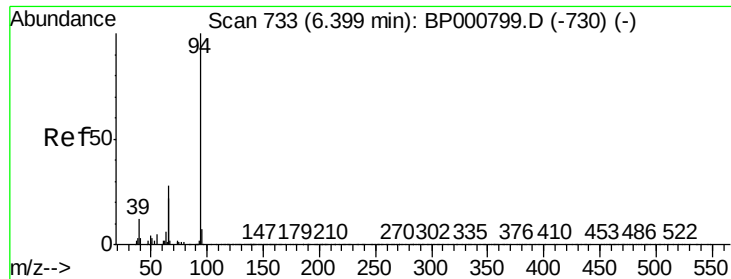
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.475 ng/ul

RT: 6.40 min Scan# 733

Delta R.T. -0.00 min

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BNA_P

ClientSampleId :

BEPD7

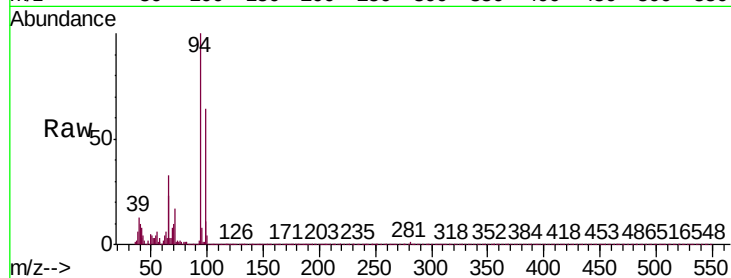
Tgt Ion: 94 Resp: 51878

Ion Ratio Lower Upper

94 100

65 22.9 19.2 28.8

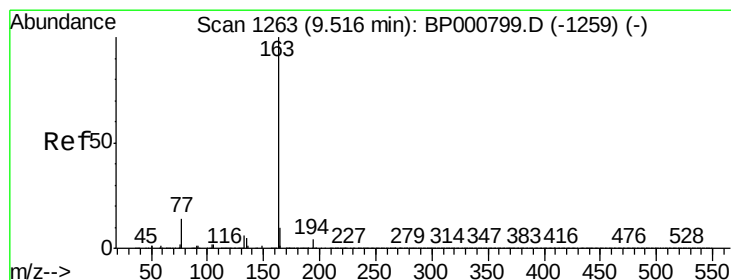
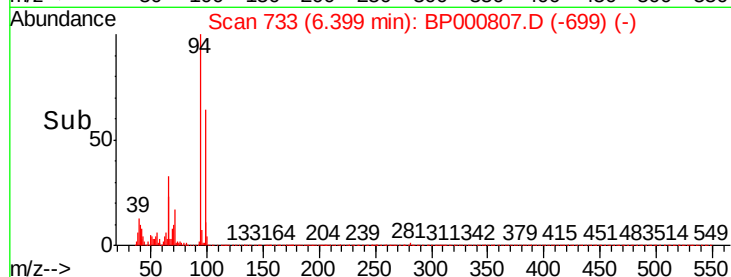
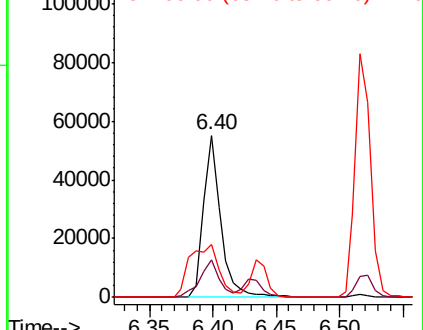
66 33.1 25.7 38.5



Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0



#45

Dimethylphthalate

Concen: 9.355 ng/ul

RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

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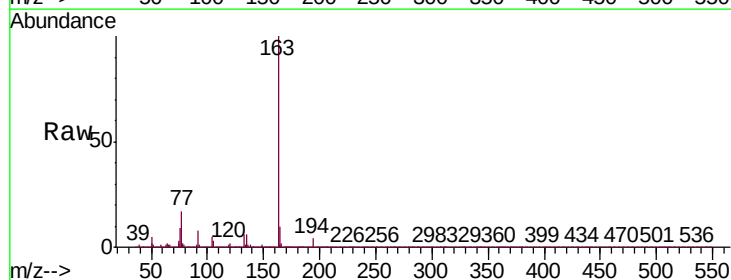
Tgt Ion: 163 Resp: 256434

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

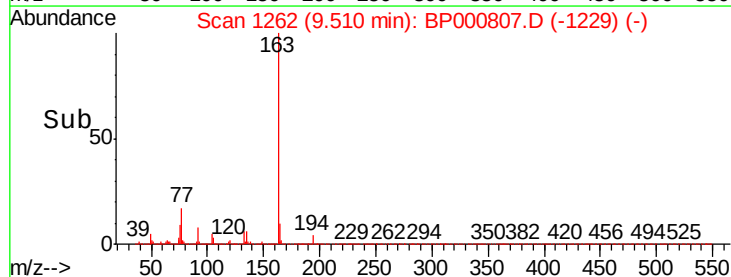
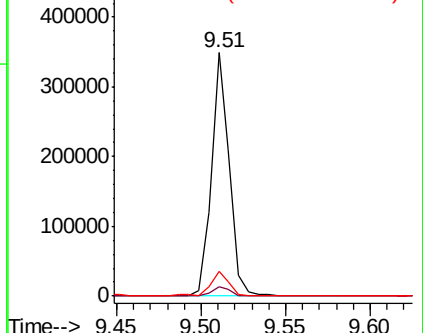
164 10.2 8.1 12.1

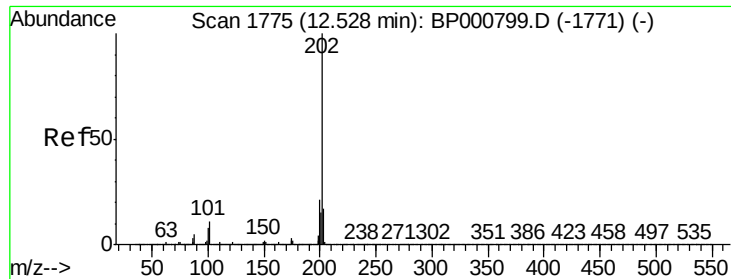


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

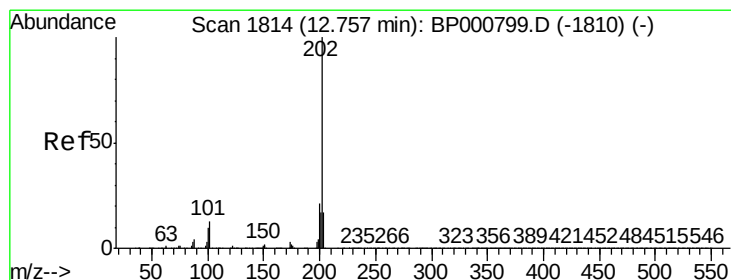
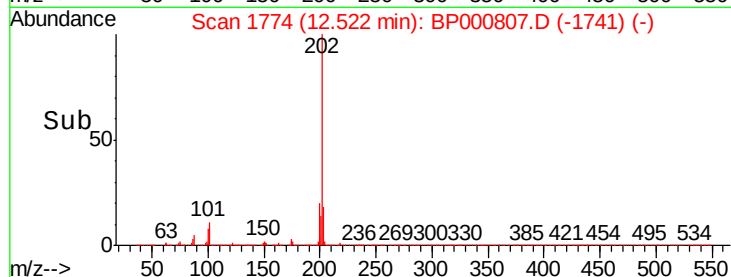
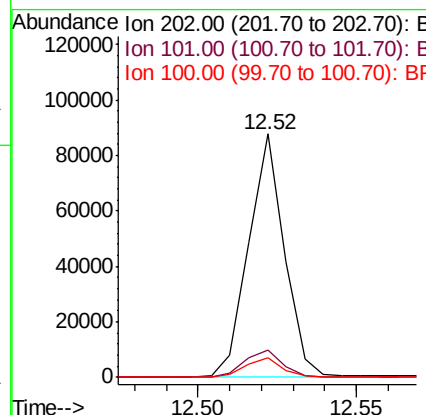
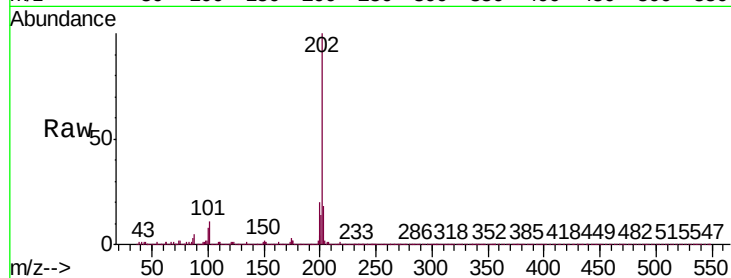




#77
 Fluoranthene
 Concen: 1.732 ng/ul
 RT: 12.52 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BP000807.D
 Acq: 16 Oct 2019 12:54

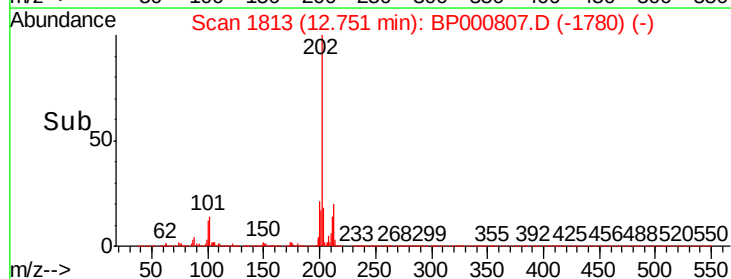
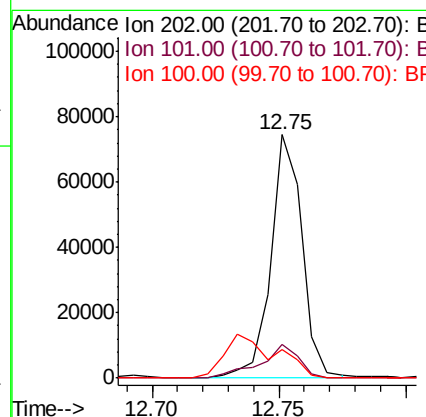
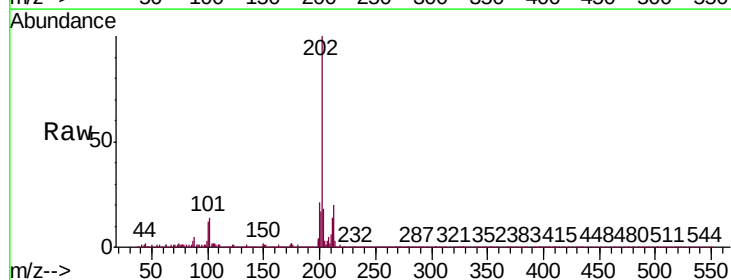
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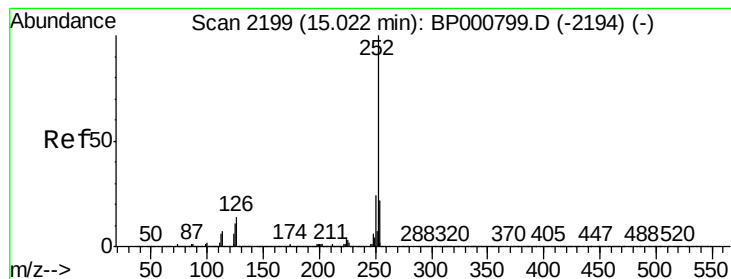
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.8	14.6
100	8.3	7.2	10.8



#80
 Pyrene
 Concen: 1.472 ng/ul
 RT: 12.75 min Scan# 1813
 Delta R.T. -0.01 min
 Lab File: BP000807.D
 Acq: 16 Oct 2019 12:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	9.7	14.5
100	11.8	7.8	11.8#





#88

Benzo(b)fluoranthene

Concen: 1.281 ng/ul

RT: 15.02 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BP000807.D

Acq: 16 Oct 2019 12:54

Instrument :

BNA_P

ClientSampleId :

BEPD7

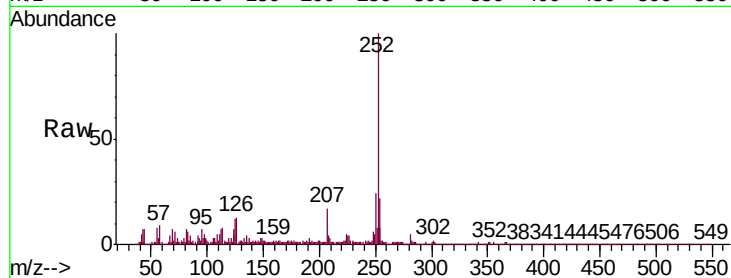
Tgt Ion:252 Resp: 50511

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

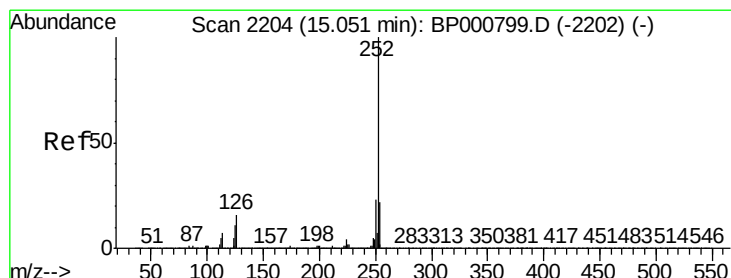
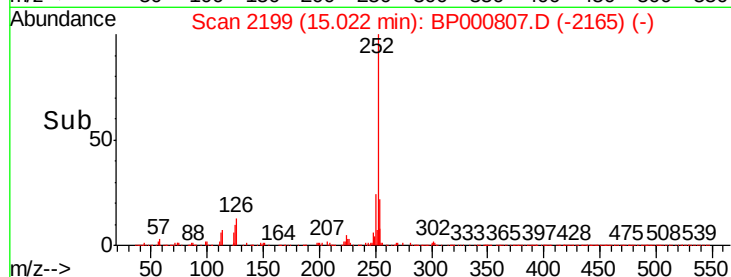
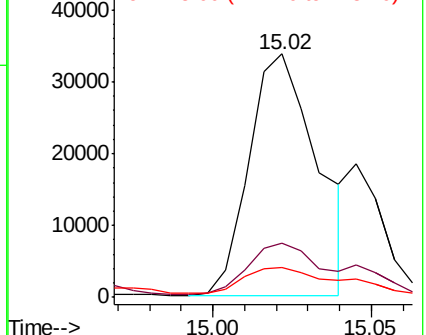
125 12.1 8.7 13.1



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: 1.345 ng/ul

RT: 15.02 min Scan# 2199

Delta R.T. -0.03 min

Lab File: BP000807.D

Acq: 16 Oct 2019 12:54

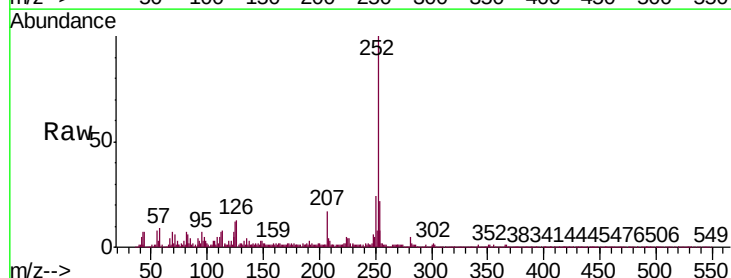
Tgt Ion:252 Resp: 50511

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 12.1 8.2 12.4



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

