

Data File : BP000783.D
Acq On : 15 Oct 2019 22:12
Operator : JU
Sample : K5178-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BEPF1

Quant Time: Oct 16 05:16:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 05:11:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	212747	20.00	ng/ul	0.00
18) Naphthalene-d8	8.03	136	853161	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.80	164	494313	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.29	188	956129	20.00	ng/ul	0.00
78) Chrysene-d12	13.97	240	840470	20.00	ng/ul	0.00
86) Perylene-d12	15.45	264	826999	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.34	96	23450	4.57	ng/uL	-0.02
5) Phenol-d5	6.39	99	397803	24.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.43	67	214258	26.11	ng/ul	0.00
9) 2-Chlorophenol-d4	6.52	132	350640	25.36	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	239513	19.10	ng/ul	0.00
19) Nitrobenzene-d5	7.30	128	174951	26.98	ng/ul	0.00
22) 2-Nitrophenol-d4	7.63	143	190948	27.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.88	165	331547	25.08	ng/ul	0.00
29) 4-Chloroaniline-d4	8.09	131	310063	21.09	ng/ul	0.00
44) Dimethylphthalate-d6	9.49	166	984697	28.46	ng/ul	0.00
47) Acenaphthylene-d8	9.64	160	1162201	27.30	ng/ul	0.00
52) 4-Nitrophenol-d4	9.91	143	106389	19.96	ng/ul	0.00
58) Fluorene-d10	10.32	176	829933	28.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	79838	17.53	ng/ul	0.00
71) Anthracene-d10	11.35	188	1213717	27.41	ng/ul	0.00
79) Pyrene-d10	12.73	212	1358880	28.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.36	264	1184454	29.01	ng/ul	0.00

Target Compounds

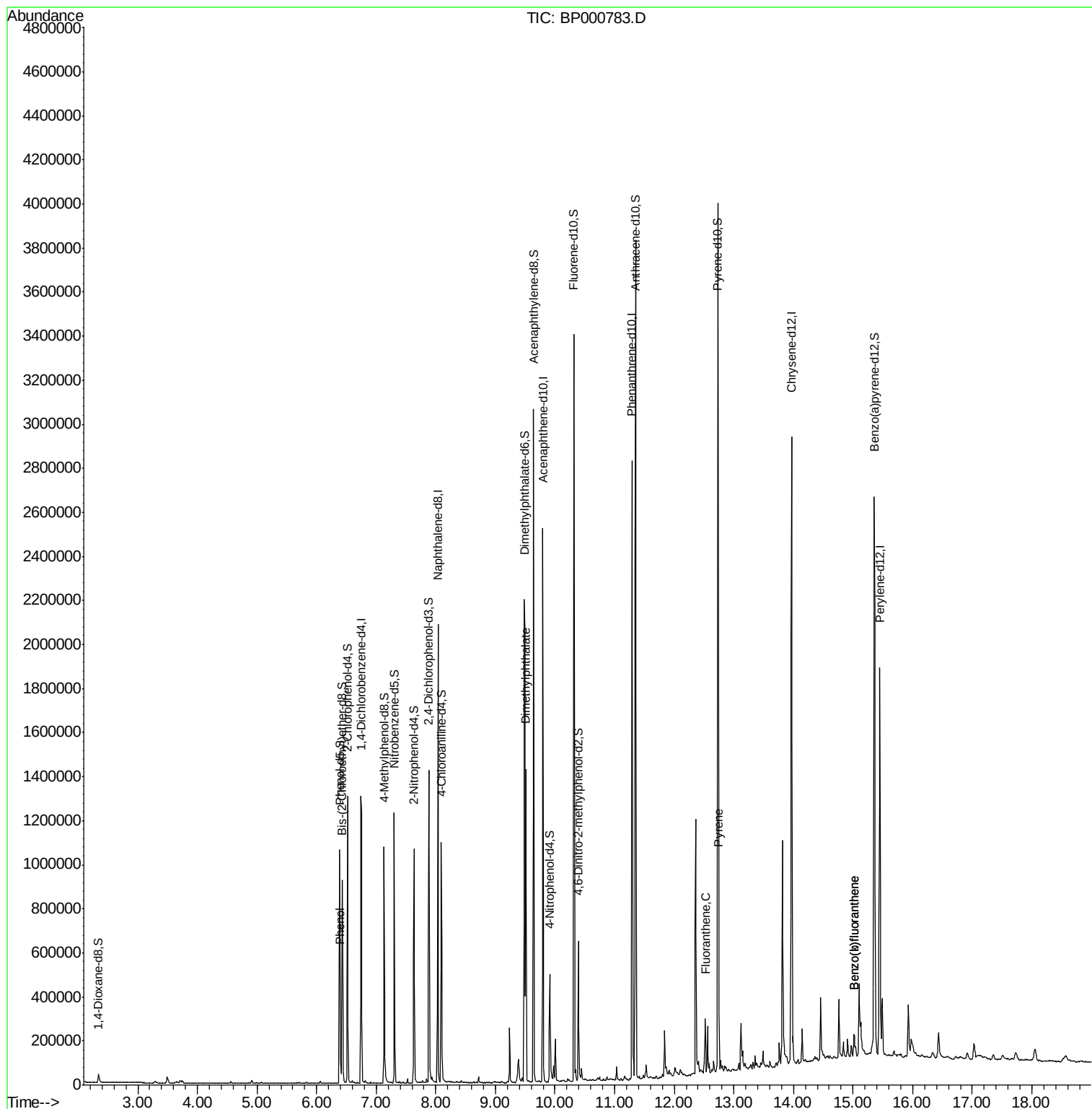
						Qvalue
6) Phenol	6.40	94	46939	2.837	ng/ul	98
45) Dimethylphthalate	9.51	163	525110	15.230	ng/ul	99
77) Fluoranthene	12.52	202	93488	1.751	ng/ul	97
80) Pyrene	12.75	202	78129	1.310	ng/ul#	94
88) Benzo(b)fluoranthene	15.02	252	50055	1.014	ng/ul	98
89) Benzo(k)fluoranthene	15.02	252	50055	1.065	ng/ul	98

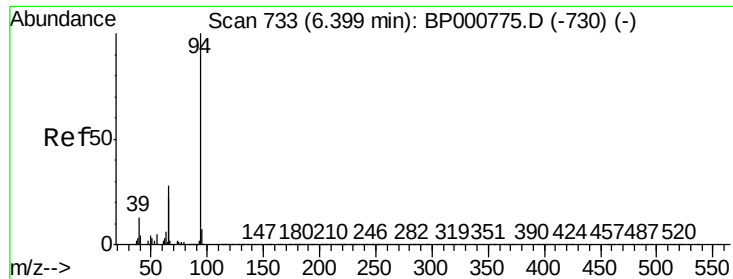
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.837 ng/ul

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

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Acq: 15 Oct 2019 22:12

Instrument :

BNA_P

ClientSampleId :

BEPF1

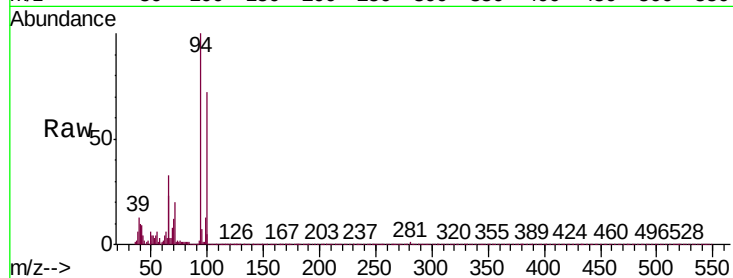
Tgt Ion: 94 Resp: 46939

Ion Ratio Lower Upper

94 100

65 22.7 19.2 28.8

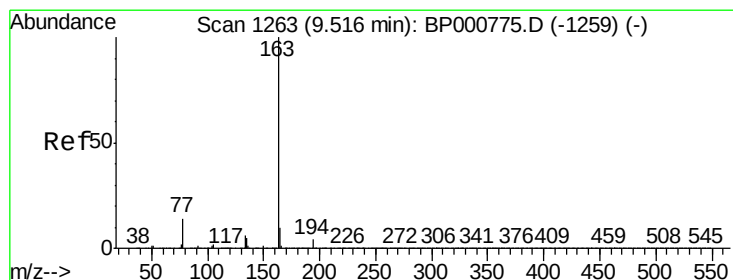
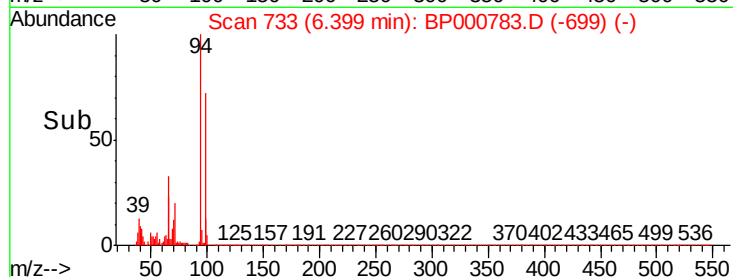
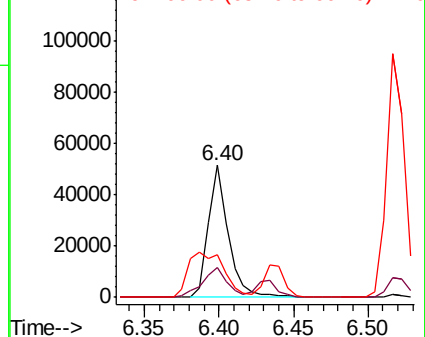
66 32.8 25.7 38.5



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: 15.230 ng/ul

RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

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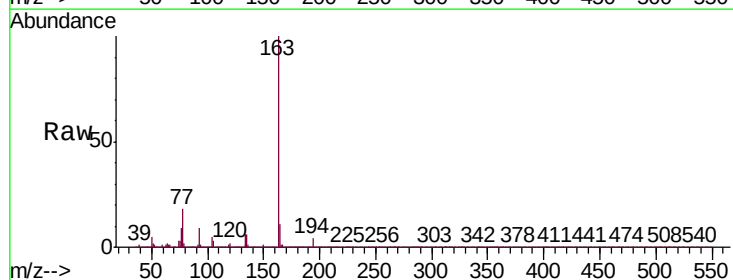
Tgt Ion: 163 Resp: 525110

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

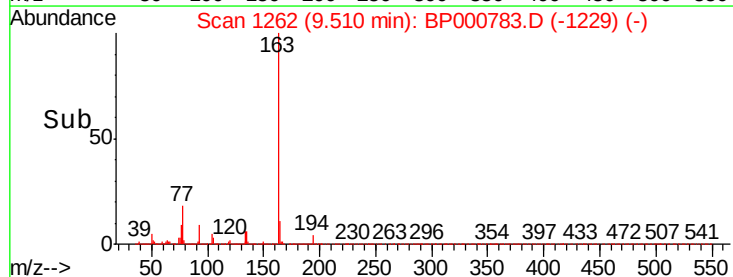
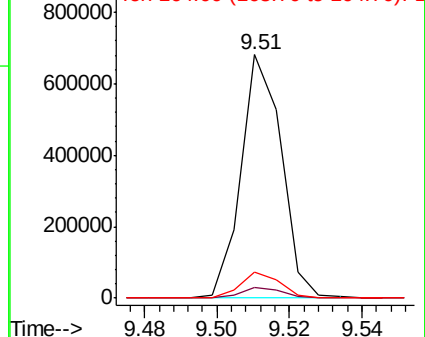
164 10.5 8.1 12.1

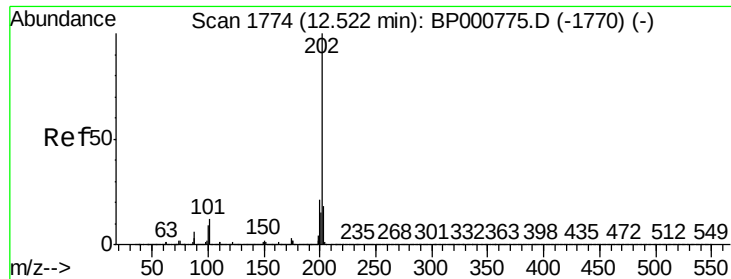


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

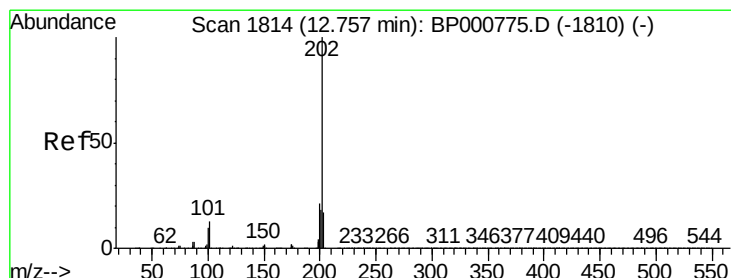
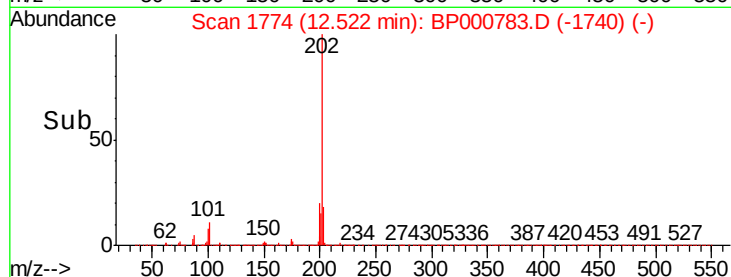
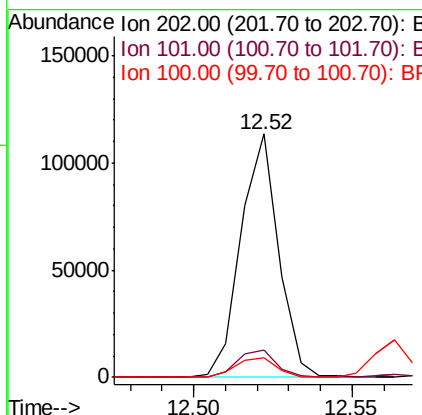
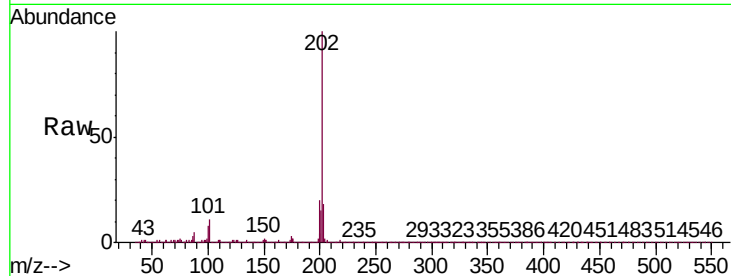




#77
Fluoranthene
Concen: 1.751 ng/ul
RT: 12.52 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BP000783.D
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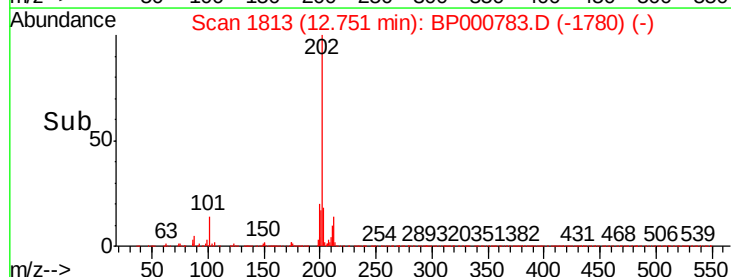
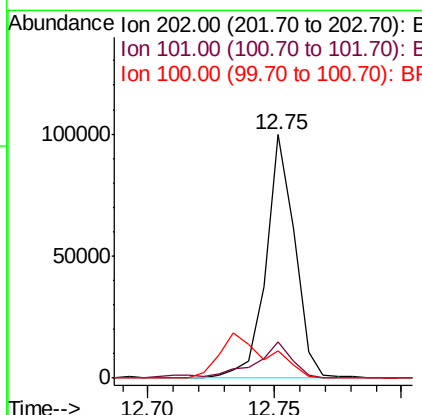
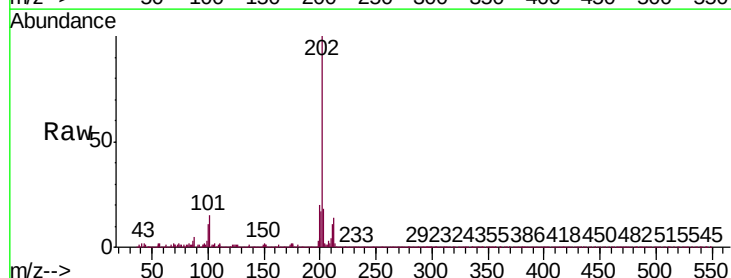
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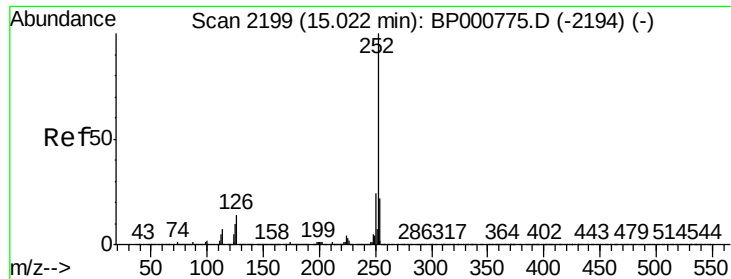
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.8	14.6
100	8.1	7.2	10.8



#80
Pyrene
Concen: 1.310 ng/ul
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BP000783.D
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.8	9.7	14.5#
100	11.2	7.8	11.8

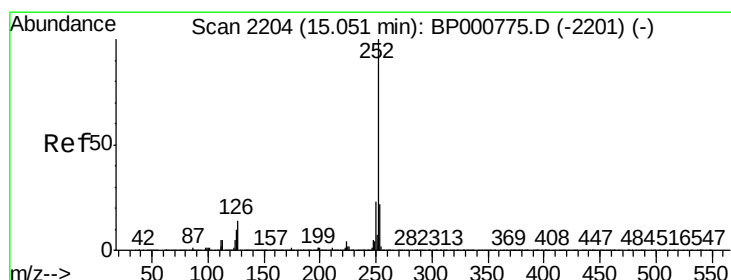
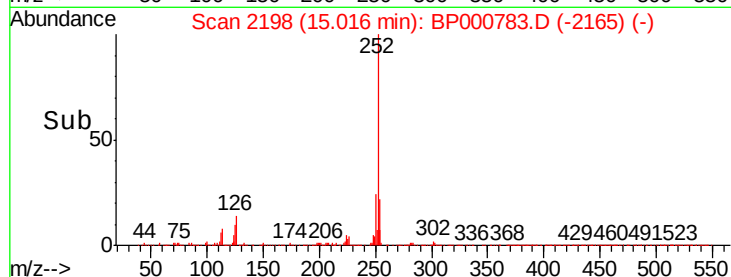
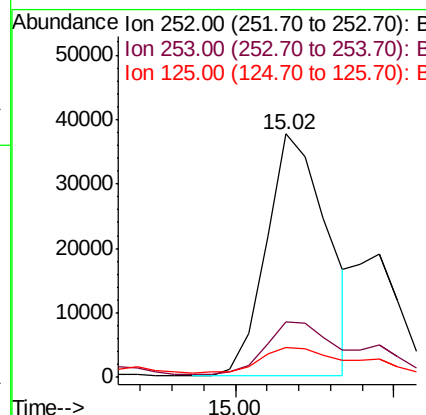
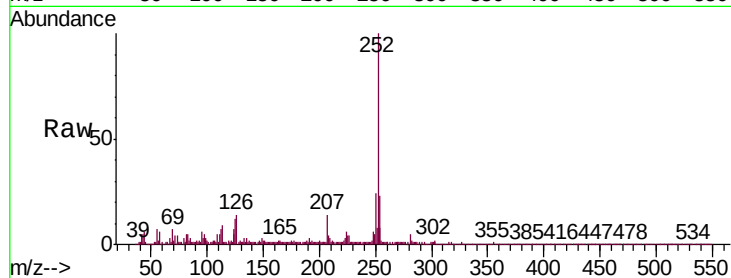




#88
Benzo(b)fluoranthene
Concen: 1.014 ng/ul
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP000783.D
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Instrument :
BNA_P
ClientSampleId :
BEPF1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	12.2	8.7	13.1



#89
Benzo(k)fluoranthene
Concen: 1.065 ng/ul
RT: 15.02 min Scan# 2198
Delta R.T. -0.04 min
Lab File: BP000783.D
Acq: 15 Oct 2019 22:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	12.2	8.2	12.4

