

Data File : BP000781.D
Acq On : 15 Oct 2019 21:23
Operator : JU
Sample : K5178-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BEPE9

Quant Time: Oct 16 05:15:56 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	185527	20.00	ng/ul	0.00
18) Naphthalene-d8	8.03	136	684045	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.79	164	376538	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.29	188	701776	20.00	ng/ul	0.00
78) Chrysene-d12	13.97	240	636345	20.00	ng/ul	0.00
86) Perylene-d12	15.45	264	695336	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.36	96	17471	3.91	ng/uL	0.00
5) Phenol-d5	6.39	99	291830	20.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.43	67	153408	21.44	ng/ul	0.00
9) 2-Chlorophenol-d4	6.52	132	255927	21.23	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	202719	18.54	ng/ul	0.00
19) Nitrobenzene-d5	7.30	128	118910	22.87	ng/ul	0.00
22) 2-Nitrophenol-d4	7.63	143	127617	23.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.88	165	227141	21.43	ng/ul	0.00
29) 4-Chloroaniline-d4	8.09	131	259256	22.00	ng/ul	0.00
44) Dimethylphthalate-d6	9.49	166	639036	24.24	ng/ul	0.00
47) Acenaphthylene-d8	9.64	160	767613	23.67	ng/ul	0.00
52) 4-Nitrophenol-d4	9.91	143	63584	15.66	ng/ul	0.00
58) Fluorene-d10	10.32	176	535974	23.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	41785	12.50	ng/ul	0.00
71) Anthracene-d10	11.35	188	787087	24.21	ng/ul	0.00
79) Pyrene-d10	12.73	212	885586	24.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.35	264	860889	25.08	ng/ul	0.00

Target Compounds

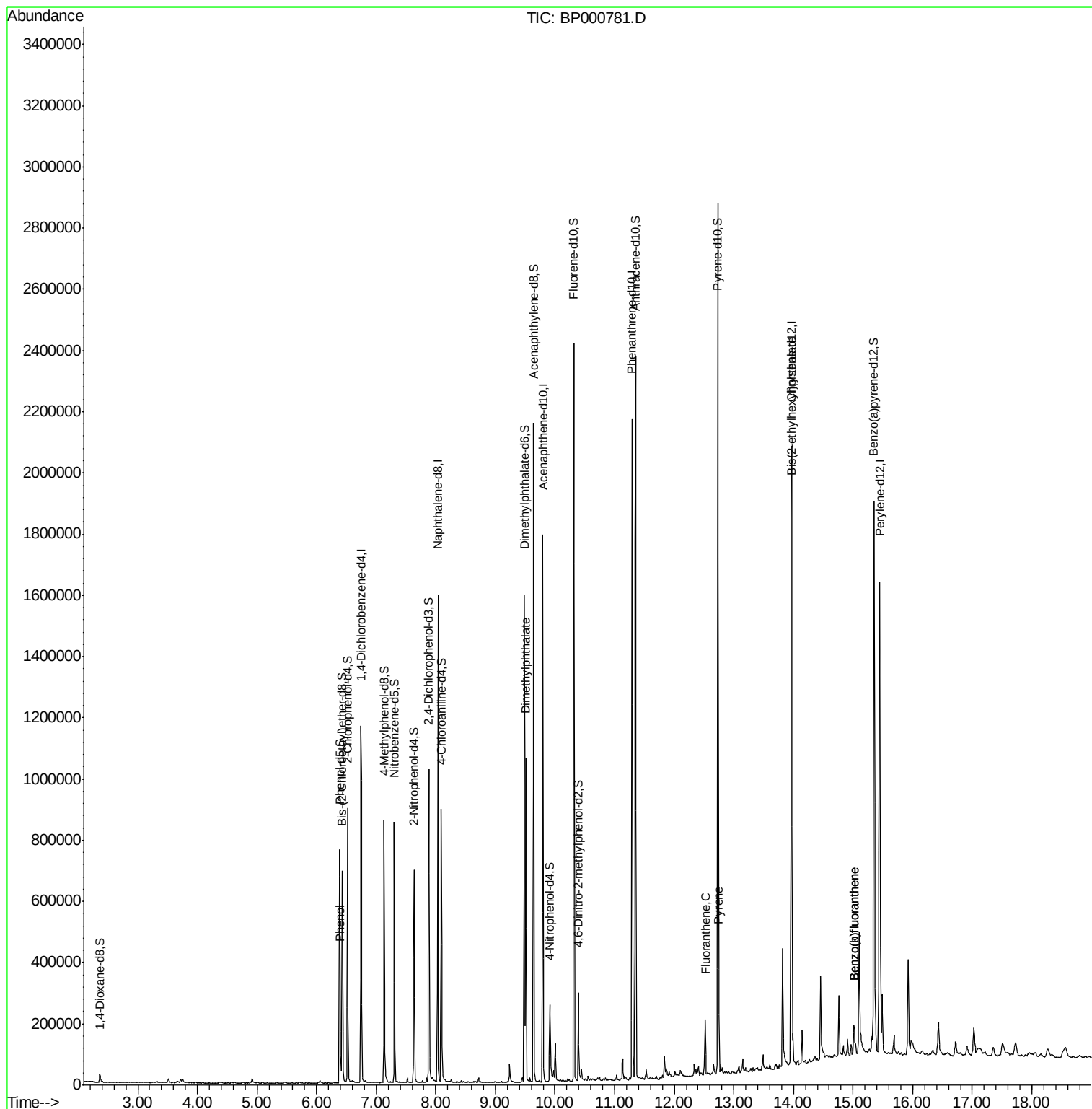
					Qvalue
6) Phenol	6.40	94	38237	2.650	ng/ul 97
45) Dimethylphthalate	9.51	163	366084	13.939	ng/ul 100
77) Fluoranthene	12.52	202	71076	1.814	ng/ul 97
80) Pyrene	12.75	202	61124	1.354	ng/ul# 95
84) Bis(2-ethylhexyl)phthalate	13.96	149	31732	1.294	ng/ul 100
88) Benzo(b)fluoranthene	15.02	252	48384	1.166	ng/ul# 95
89) Benzo(k)fluoranthene	15.02	252	48384	1.225	ng/ul# 95

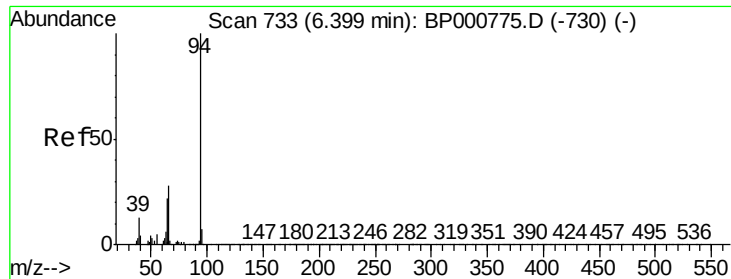
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.650 ng/ul

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

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Instrument :

BNA_P

ClientSampleId :

BEPE9

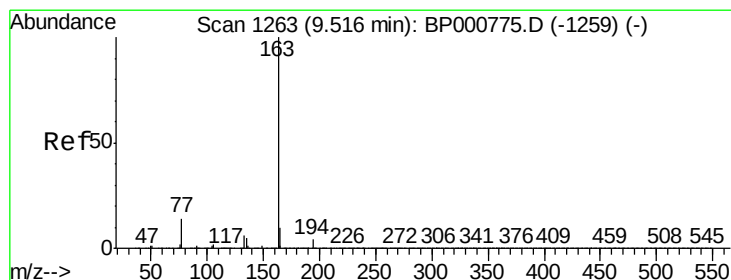
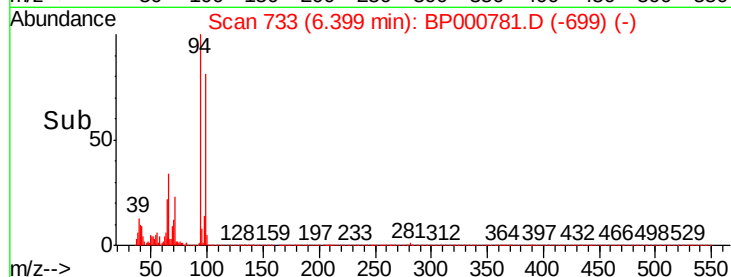
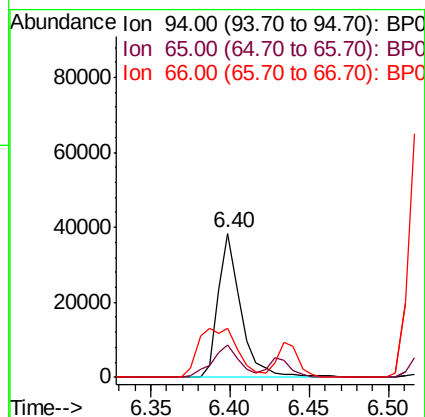
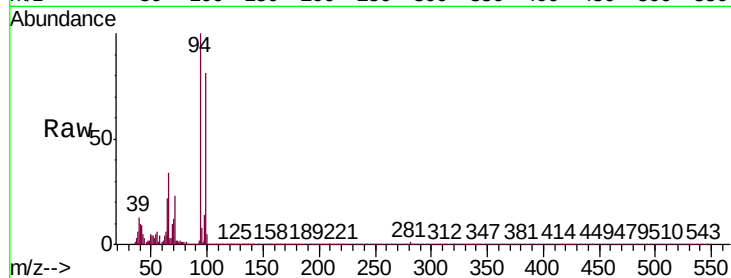
Tgt Ion: 94 Resp: 38237

Ion Ratio Lower Upper

94 100

65 22.4 19.2 28.8

66 33.6 25.7 38.5



#45

Dimethylphthalate

Concen: 13.939 ng/ul

RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BP000781.D

Acq: 15 Oct 2019 21:23

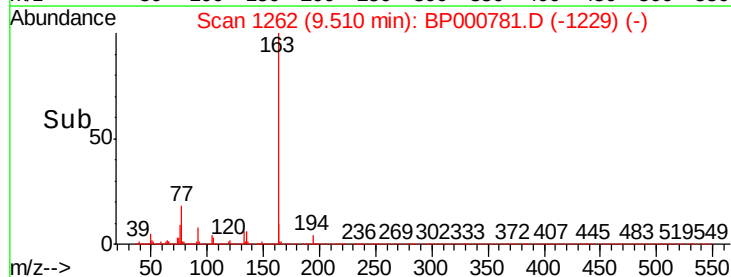
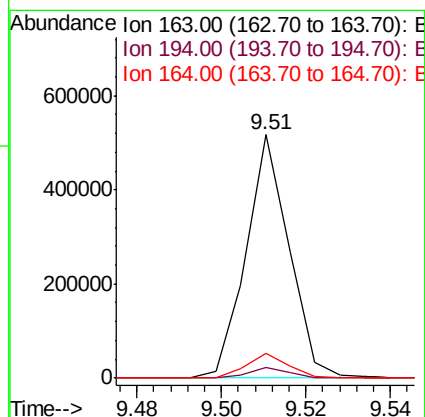
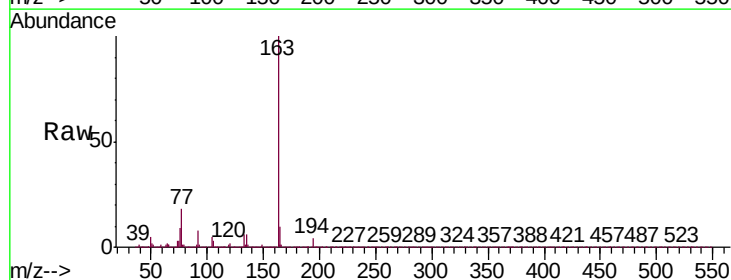
Tgt Ion: 163 Resp: 366084

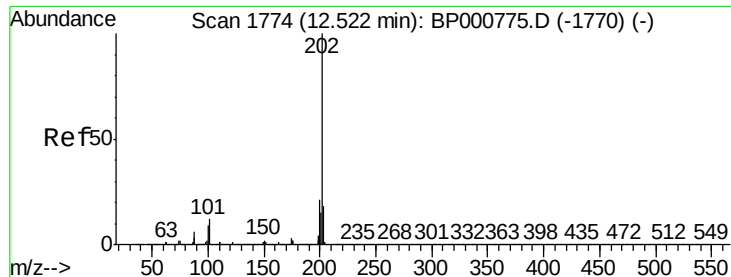
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.1 8.1 12.1





#77

Fluoranthene

Concen: 1.814 ng/ul

RT: 12.52 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BP000781.D

Acq: 15 Oct 2019 21:23

Instrument :

BNA_P

ClientSampleId :

BEPE9

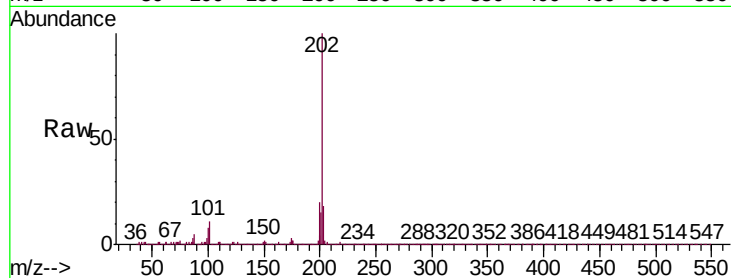
Tgt Ion:202 Resp: 71076

Ion Ratio Lower Upper

202 100

101 11.3 9.8 14.6

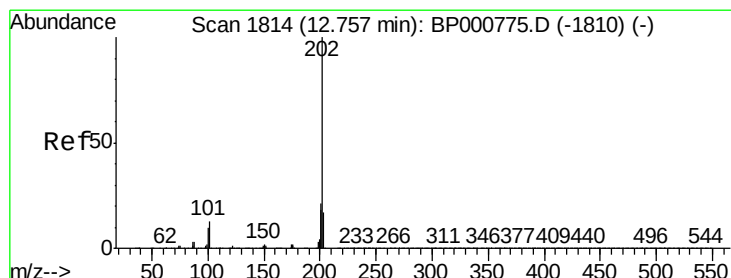
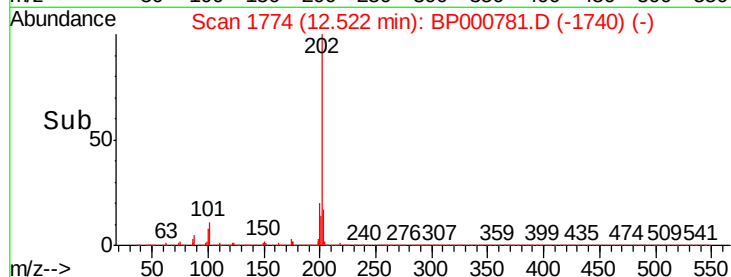
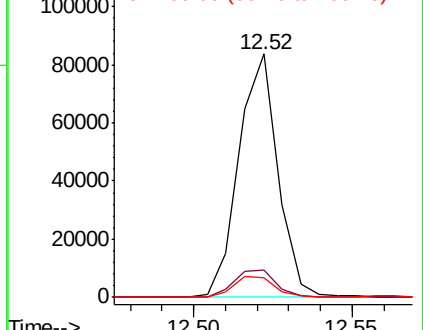
100 8.0 7.2 10.8



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): BF



#80

Pyrene

Concen: 1.354 ng/ul

RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

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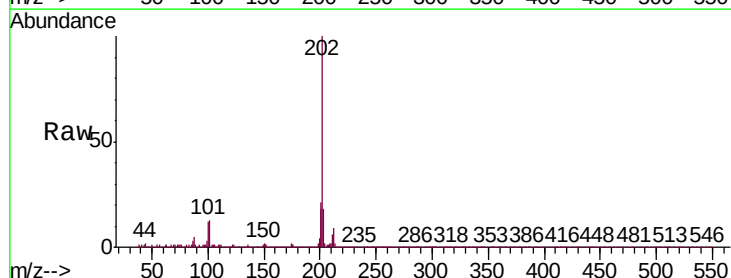
Tgt Ion:202 Resp: 61124

Ion Ratio Lower Upper

202 100

101 13.3 9.7 14.5

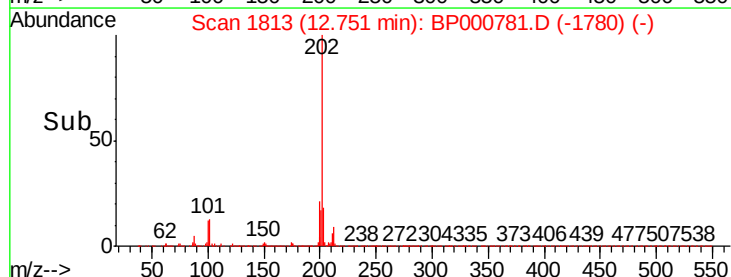
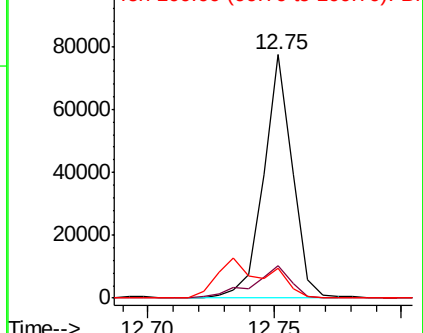
100 12.1 7.8 11.8#

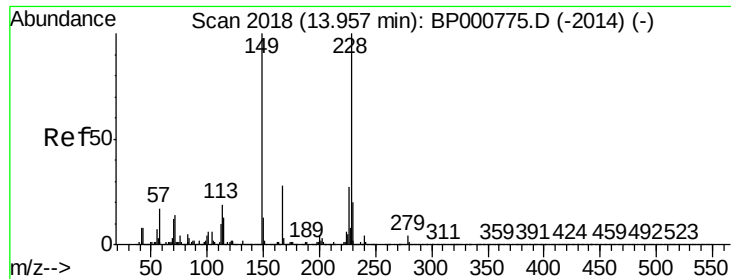


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BF

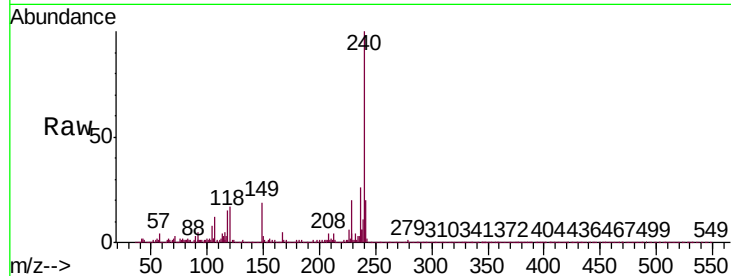




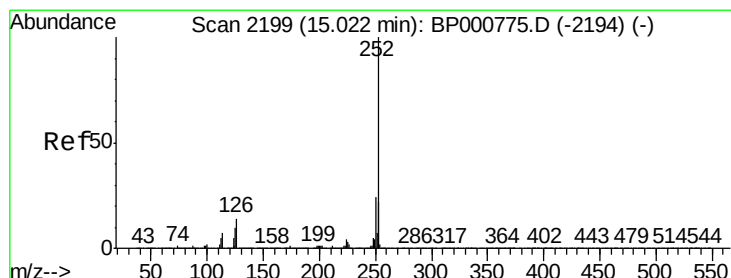
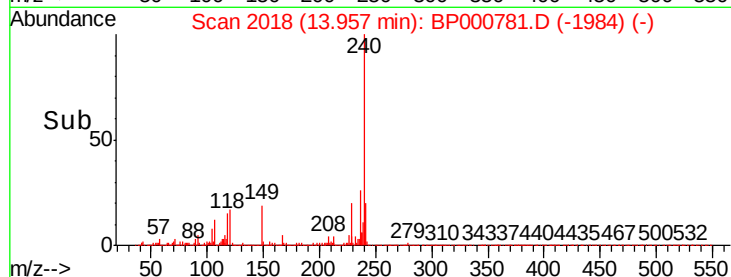
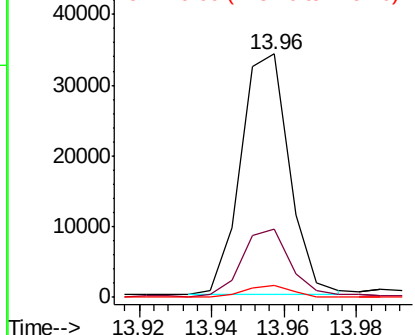
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.294 ng/ul
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BP000781.D
 Acq: 15 Oct 2019 21:23

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 BEPE9

Tgt Ion:149 Resp: 31732
 Ion Ratio Lower Upper
 149 100
 167 27.9 22.3 33.5
 279 4.8 3.2 4.8

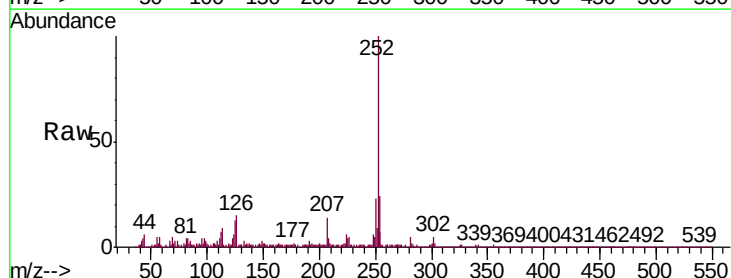


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

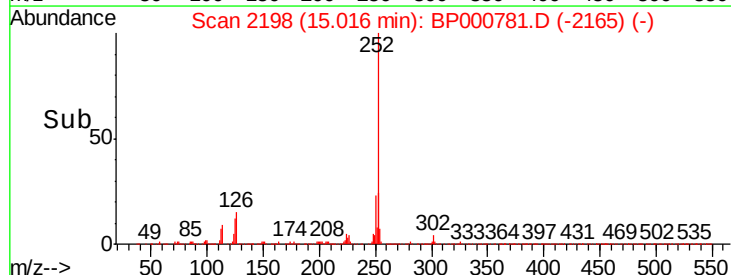
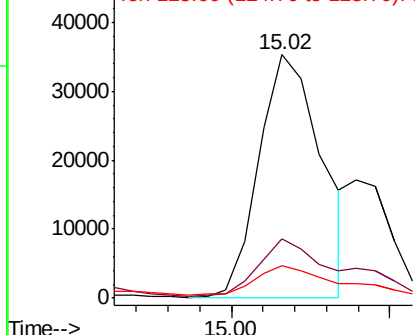


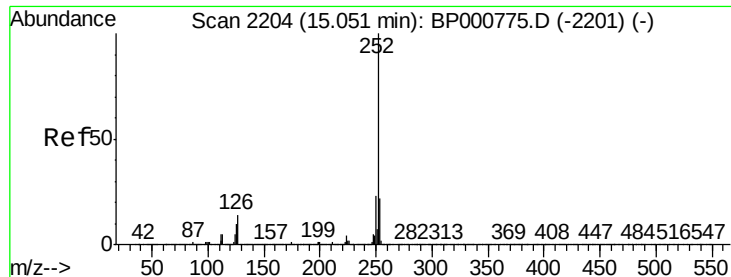
#88
 Benzo(b)fluoranthene
 Concen: 1.166 ng/ul
 RT: 15.02 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BP000781.D
 Acq: 15 Oct 2019 21:23

Tgt Ion:252 Resp: 48384
 Ion Ratio Lower Upper
 252 100
 253 24.2 17.6 26.4
 125 13.2 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: 1.225 ng/ul

RT: 15.02 min Scan# 2198

Delta R.T. -0.04 min

Lab File: BP000781.D

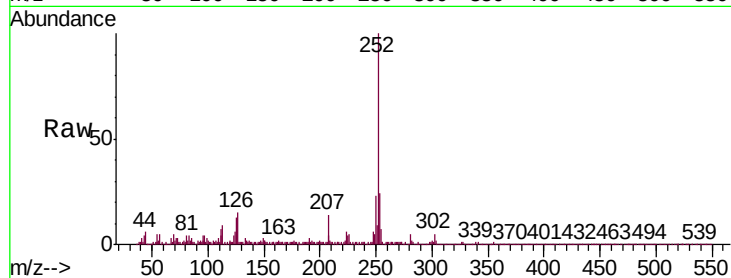
Acq: 15 Oct 2019 21:23

Instrument :

BNA_P

ClientSampleId :

BEPE9



Tgt Ion:	252	Resp:	48384
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.8	26.6
125	13.2	8.2	12.4

