

Data File : BP000809.D
Acq On : 16 Oct 2019 13:42
Operator : JU
Sample : K5223-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BEPD9

Quant Time: Oct 17 08:01:27 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	188577	20.00	ng/ul	0.00
18) Naphthalene-d8	8.03	136	707268	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.80	164	391646	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.29	188	718965	20.00	ng/ul	0.00
78) Chrysene-d12	13.97	240	612228	20.00	ng/ul	0.00
86) Perylene-d12	15.45	264	661790	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.37	96	21638	4.76	ng/uL	0.02
5) Phenol-d5	6.39	99	332380	22.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.43	67	183020	25.17	ng/ul	0.00
9) 2-Chlorophenol-d4	6.52	132	303114	24.73	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	211798	19.06	ng/ul	0.00
19) Nitrobenzene-d5	7.30	128	142808	26.56	ng/ul	0.00
22) 2-Nitrophenol-d4	7.63	143	152950	26.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.88	165	258874	23.63	ng/ul	0.00
29) 4-Chloroaniline-d4	8.09	131	310853	25.51	ng/ul	0.00
44) Dimethylphthalate-d6	9.49	166	712424	25.99	ng/ul	0.00
47) Acenaphthylene-d8	9.64	160	862448	25.57	ng/ul	0.00
52) 4-Nitrophenol-d4	9.92	143	63215	14.97	ng/ul	0.00
58) Fluorene-d10	10.32	176	624440	26.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	53204	15.54	ng/ul	0.00
71) Anthracene-d10	11.35	188	833425	25.03	ng/ul	0.00
79) Pyrene-d10	12.74	212	905787	26.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.36	264	843823	25.83	ng/ul	0.00

Target Compounds

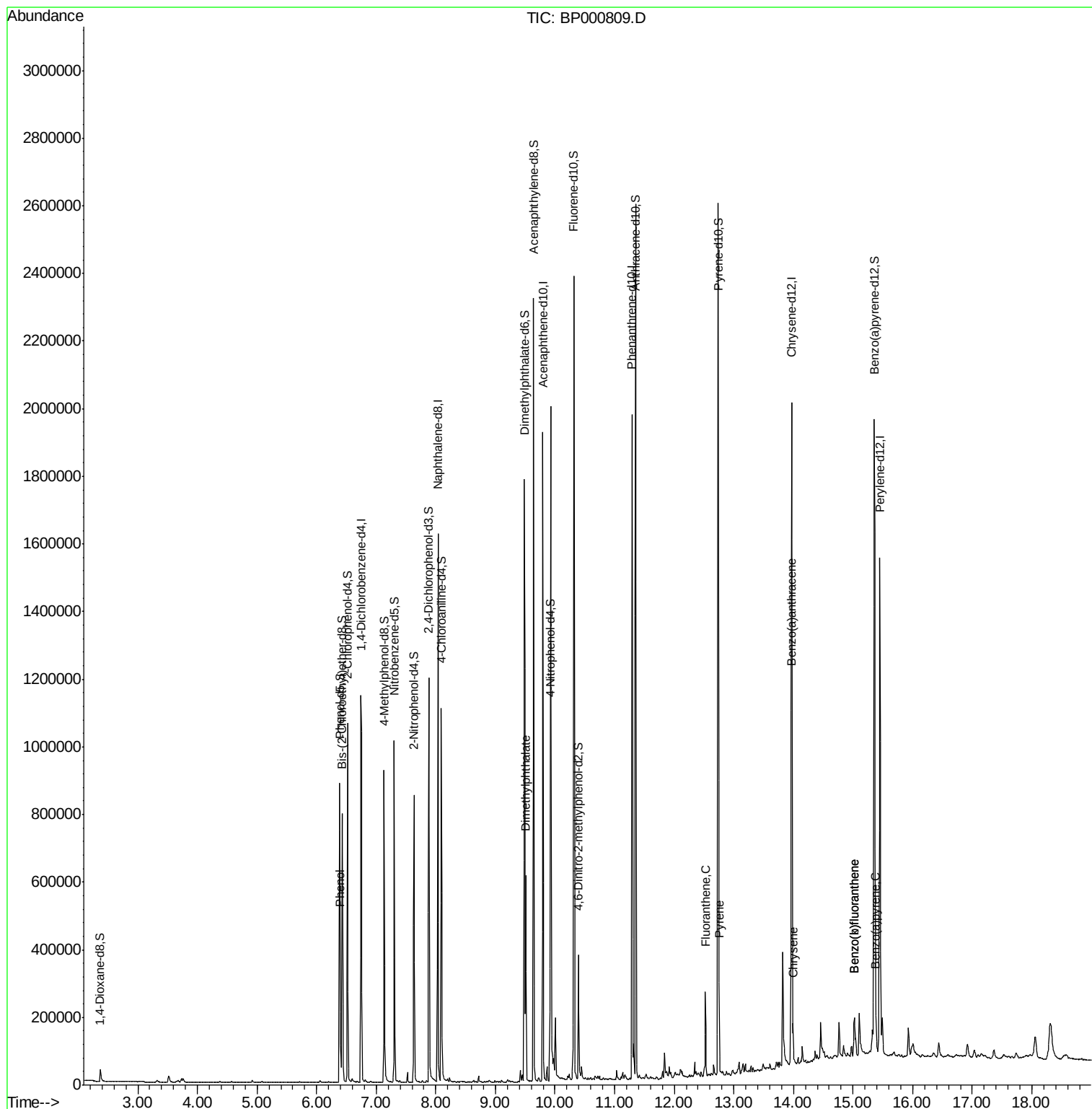
						Qvalue
6) Phenol	6.40	94	48857	3.332	ng/ul	98
45) Dimethylphthalate	9.51	163	214243	7.843	ng/ul	100
77) Fluoranthene	12.52	202	89977	2.241	ng/ul	99
80) Pyrene	12.76	202	82327	1.895	ng/ul	100
83) Benzo(a)anthracene	13.96	228	45217	1.100	ng/ul	97
85) Chrysene	14.00	228	46483	1.217	ng/ul	98
88) Benzo(b)fluoranthene	15.02	252	60752	1.539	ng/ul	99
89) Benzo(k)fluoranthene	15.02	252	60752	1.616	ng/ul	98
91) Benzo(a)pyrene	15.39	252	40805	1.091	ng/ul	98

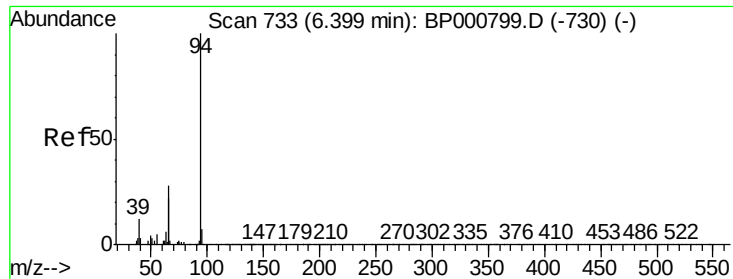
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.332 ng/ul

RT: 6.40 min Scan# 733

Delta R.T. -0.00 min

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Acq: 16 Oct 2019 13:42

Instrument :

BNA_P

ClientSampleId :

BEPD9

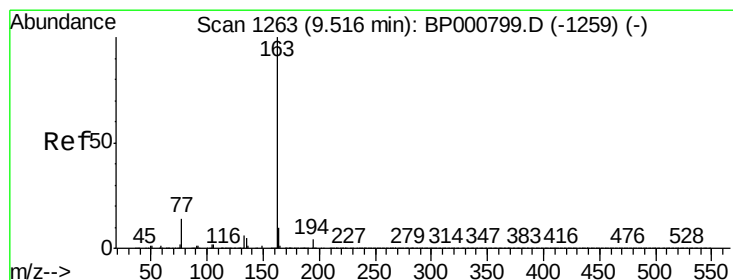
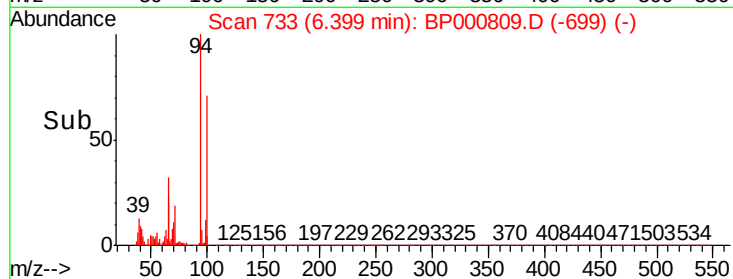
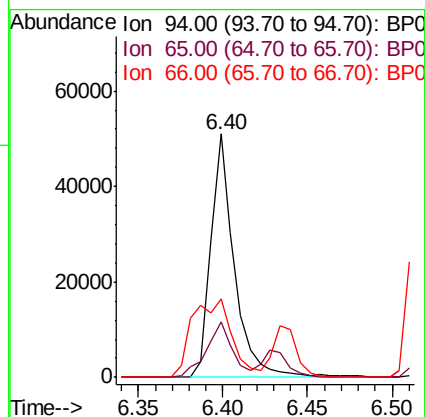
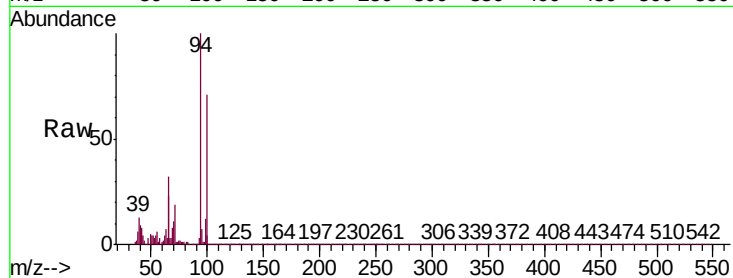
Tgt Ion: 94 Resp: 48857

Ion Ratio Lower Upper

94 100

65 22.6 19.2 28.8

66 32.4 25.7 38.5



#45

Dimethylphthalate

Concen: 7.843 ng/ul

RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BP000809.D

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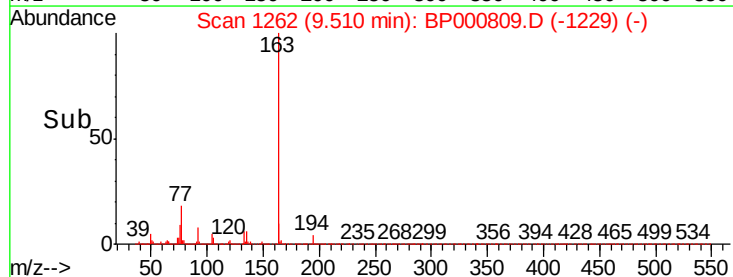
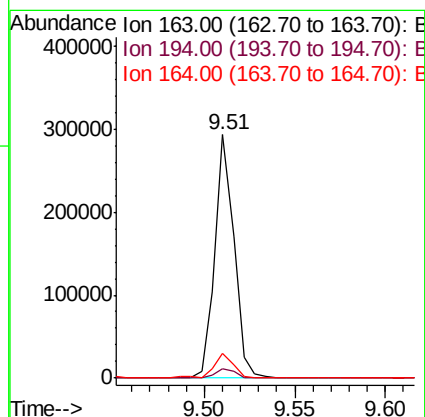
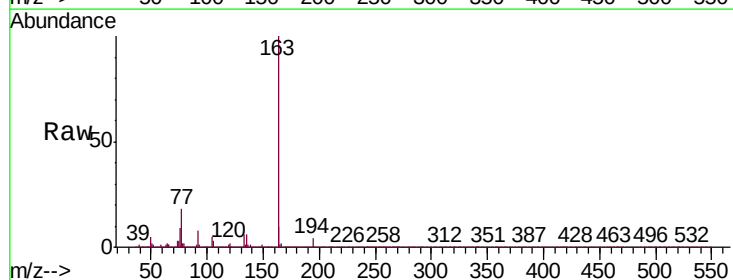
Tgt Ion: 163 Resp: 214243

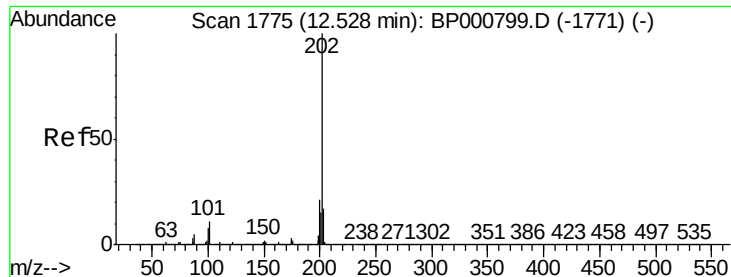
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 9.9 8.1 12.1





#77

Fluoranthene

Concen: 2.241 ng/ul

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BP000809.D

Acq: 16 Oct 2019 13:42

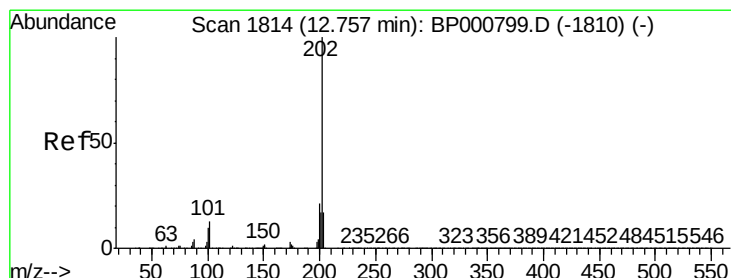
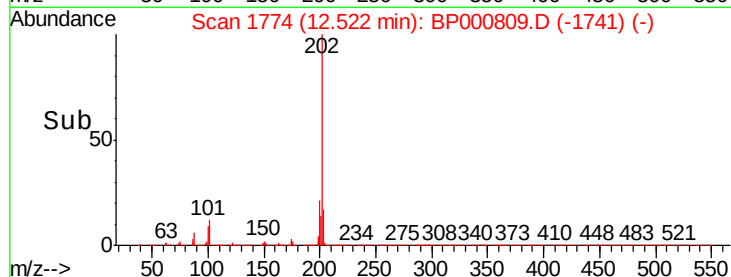
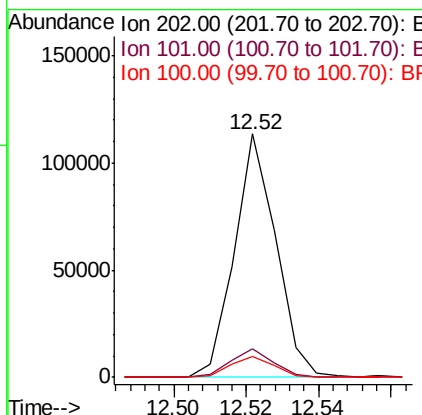
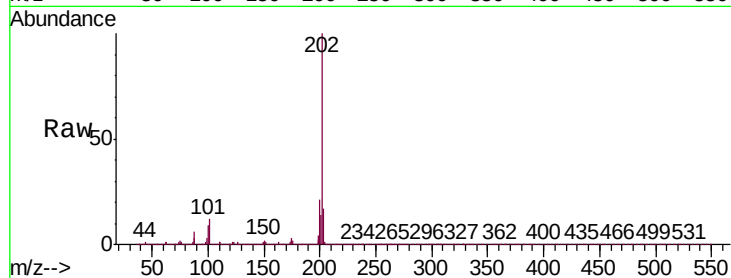
Instrument :

BNA_P

ClientSampleId :

BEPD9

Tgt Ion:	202	Resp:	89977
Ion Ratio	Lower	Upper	
202	100		
101	12.0	9.8	14.6
100	8.7	7.2	10.8



#80

Pyrene

Concen: 1.895 ng/ul

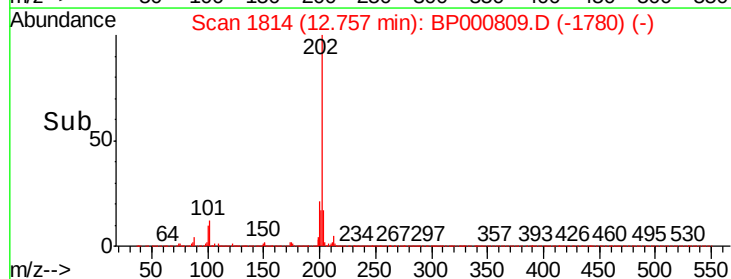
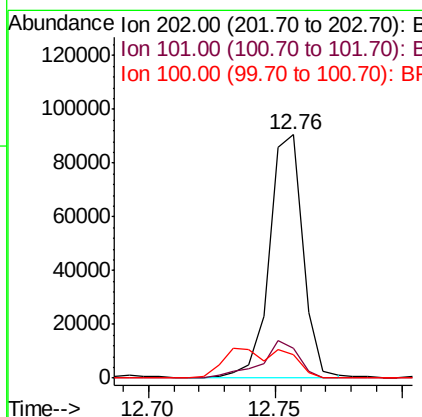
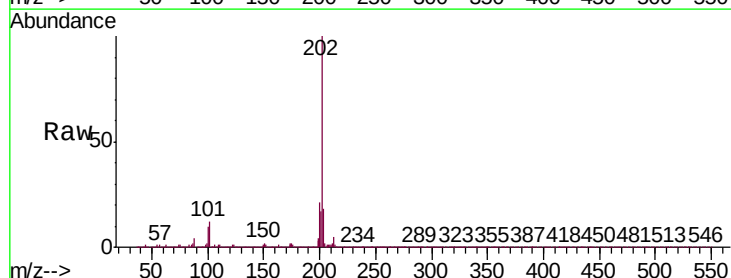
RT: 12.76 min Scan# 1814

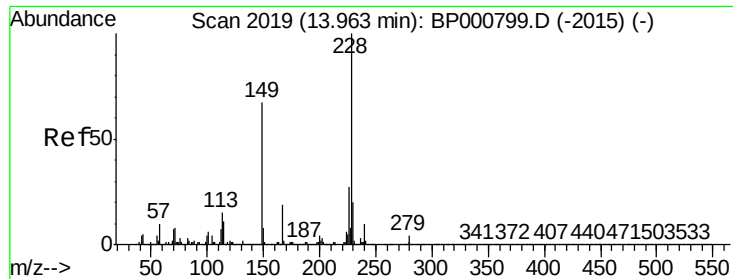
Delta R.T. -0.00 min

Lab File: BP000809.D

Acq: 16 Oct 2019 13:42

Tgt Ion:	202	Resp:	82327
Ion Ratio	Lower	Upper	
202	100		
101	12.0	9.7	14.5
100	9.6	7.8	11.8





#83

Benzo(a)anthracene

Concen: 1.100 ng/ul

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BP000809.D

Acq: 16 Oct 2019 13:42

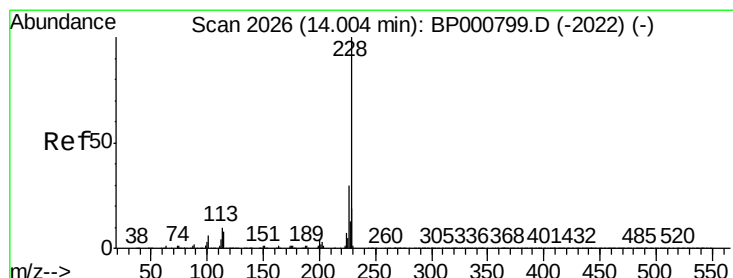
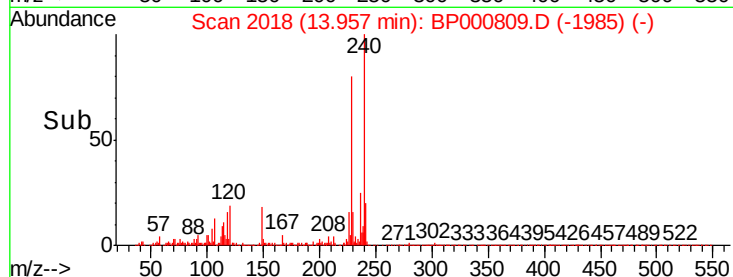
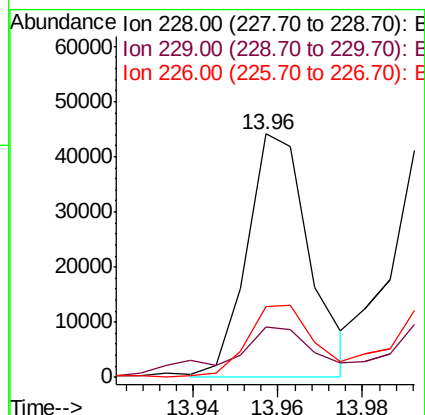
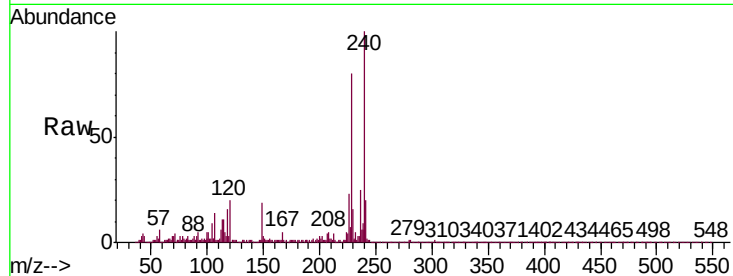
Instrument :

BNA_P

ClientSampleId :

BEPD9

Tgt Ion:	228	Resp:	45217
Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.6	23.4
226	28.9	21.8	32.8



#85

Chrysene

Concen: 1.217 ng/ul

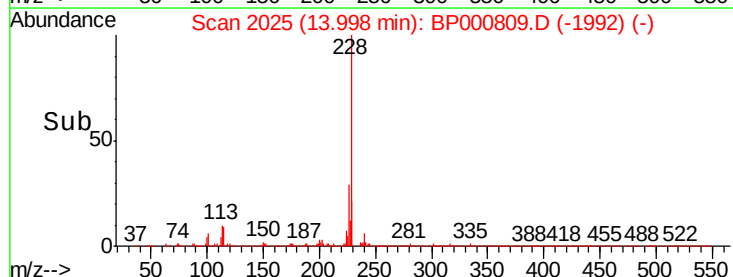
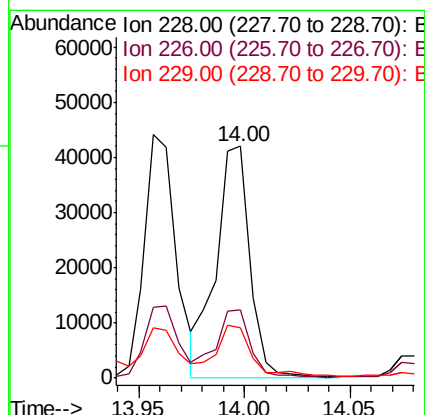
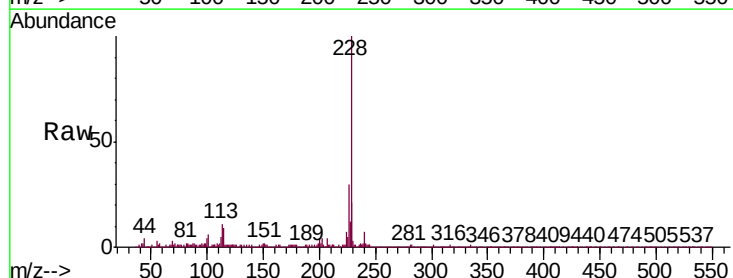
RT: 14.00 min Scan# 2025

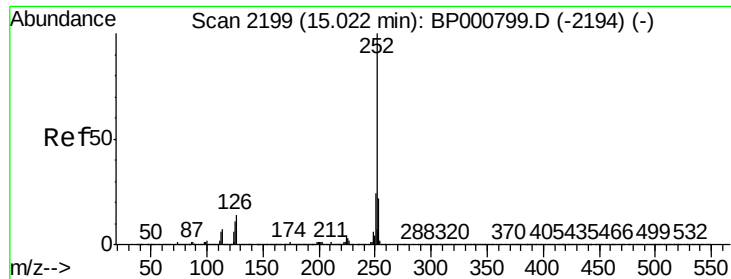
Delta R.T. -0.01 min

Lab File: BP000809.D

Acq: 16 Oct 2019 13:42

Tgt Ion:	228	Resp:	46483
Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.2	36.4
229	21.5	15.8	23.6





#88

Benzo(b)fluoranthene

Concen: 1.539 ng/ul

RT: 15.02 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BP000809.D

Acq: 16 Oct 2019 13:42

Instrument :

BNA_P

ClientSampleId :

BEPD9

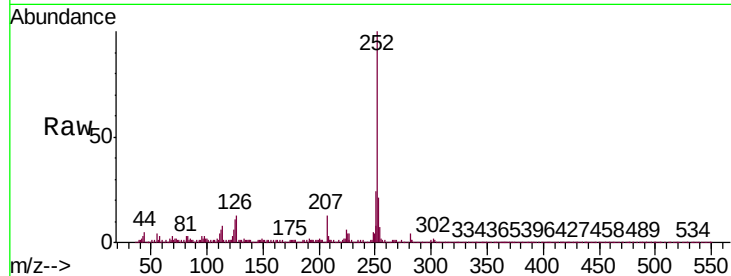
Tgt Ion:252 Resp: 60752

Ion Ratio Lower Upper

252 100

253 21.4 17.6 26.4

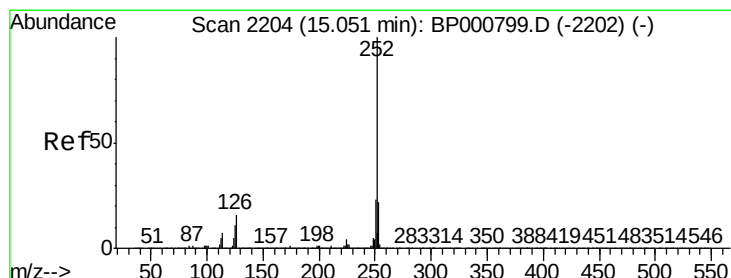
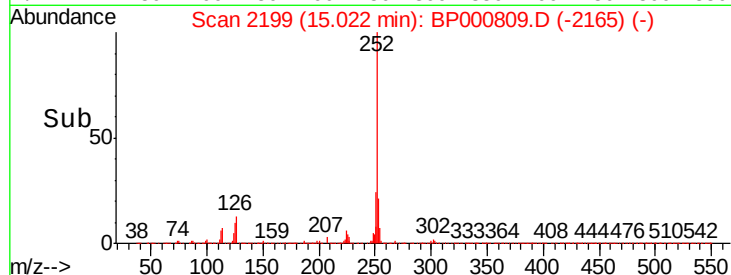
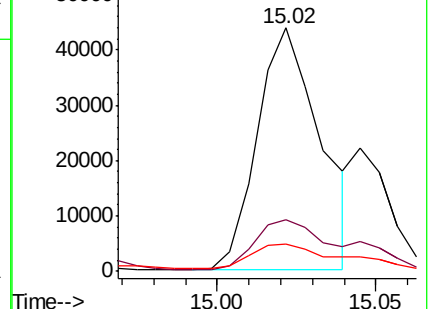
125 11.4 8.7 13.1



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: 1.616 ng/ul

RT: 15.02 min Scan# 2199

Delta R.T. -0.03 min

Lab File: BP000809.D

Acq: 16 Oct 2019 13:42

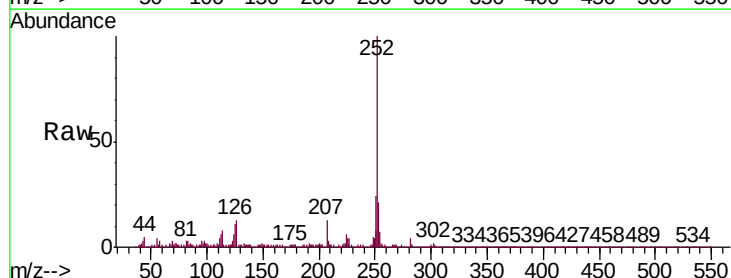
Tgt Ion:252 Resp: 60752

Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.6

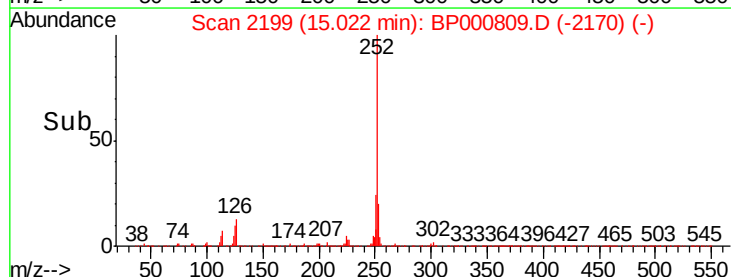
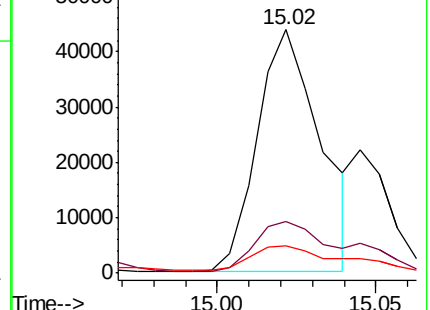
125 11.4 8.2 12.4

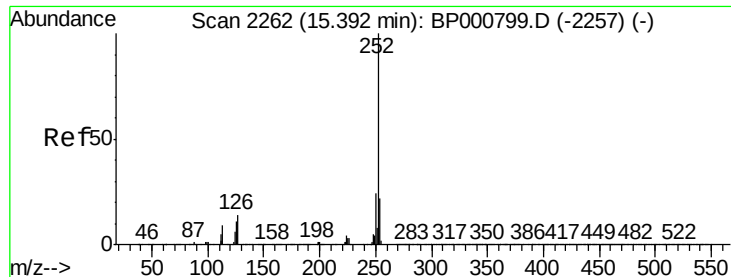


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.091 ng/ul

RT: 15.39 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BP000809.D

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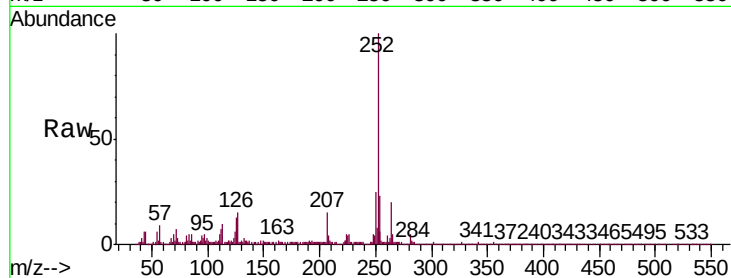
Tgt Ion:252 Resp: 40805

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

125 13.3 9.7 14.5



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

