

Data File : BP000813.D
Acq On : 16 Oct 2019 15:19
Operator : JU
Sample : K5223-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BEPE1

Quant Time: Oct 17 08:02:25 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	230265	20.00	ng/ul	0.00
18) Naphthalene-d8	8.03	136	836868	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.80	164	437450	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.29	188	740413	20.00	ng/ul	0.00
78) Chrysene-d12	13.97	240	623328	20.00	ng/ul	0.00
86) Perylene-d12	15.45	264	667213	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.39	96	26360	4.75	ng/uL	0.04
5) Phenol-d5	6.39	99	396480	22.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.43	67	230082	25.91	ng/ul	0.00
9) 2-Chlorophenol-d4	6.52	132	367521	24.56	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	219521	16.18	ng/ul	0.00
19) Nitrobenzene-d5	7.30	128	178186	28.01	ng/ul	0.00
22) 2-Nitrophenol-d4	7.63	143	194706	28.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.88	165	320921	24.75	ng/ul	0.00
29) 4-Chloroaniline-d4	8.09	131	344807	23.91	ng/ul	0.00
44) Dimethylphthalate-d6	9.49	166	880796	28.76	ng/ul	0.00
47) Acenaphthylene-d8	9.64	160	1042880	27.68	ng/ul	0.00
52) 4-Nitrophenol-d4	9.92	143	70013	14.84	ng/ul	0.00
58) Fluorene-d10	10.32	176	714048	27.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	57221	16.23	ng/ul	0.00
71) Anthracene-d10	11.35	188	949095	27.67	ng/ul	0.00
79) Pyrene-d10	12.74	212	1007875	28.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.36	264	935797	28.41	ng/ul	0.00

Target Compounds

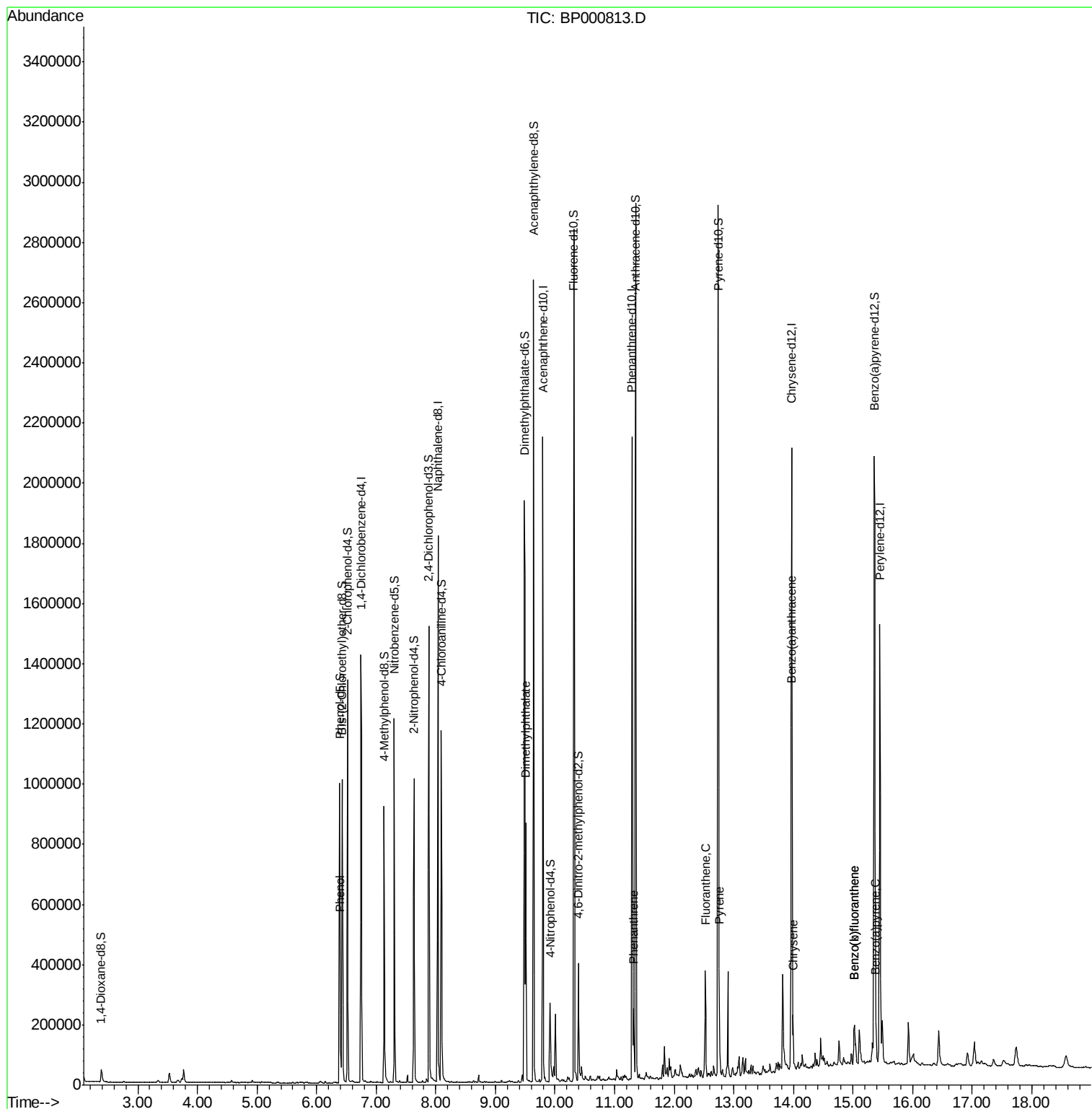
						Qvalue
6) Phenol	6.40	94	57753	3.225	ng/ul	98
45) Dimethylphthalate	9.51	163	307479	10.077	ng/ul	100
70) Phenanthrene	11.32	178	77280	1.915	ng/ul	98
77) Fluoranthene	12.52	202	131878	3.190	ng/ul	99
80) Pyrene	12.76	202	116860	2.642	ng/ul	99
83) Benzo(a)anthracene	13.96	228	71701	1.714	ng/ul	97
85) Chrysene	13.99	228	65032	1.672	ng/ul	95
88) Benzo(b)fluoranthene	15.02	252	74337	1.867	ng/ul#	96
89) Benzo(k)fluoranthene	15.02	252	74337	1.961	ng/ul#	96
91) Benzo(a)pyrene	15.39	252	51330	1.362	ng/ul	96

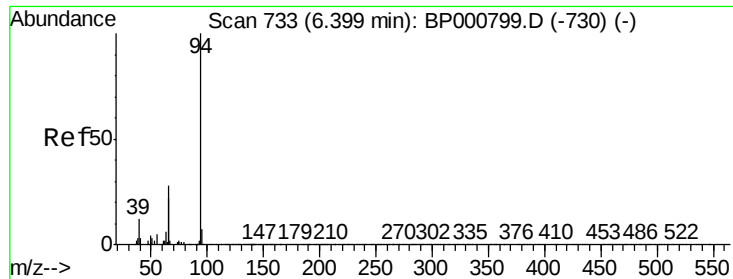
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.225 ng/ul

RT: 6.40 min Scan# 733

Delta R.T. -0.00 min

Lab File: BP000813.D

Acq: 16 Oct 2019 15:19

Instrument :

BNA_P

ClientSampleId :

BEPE1

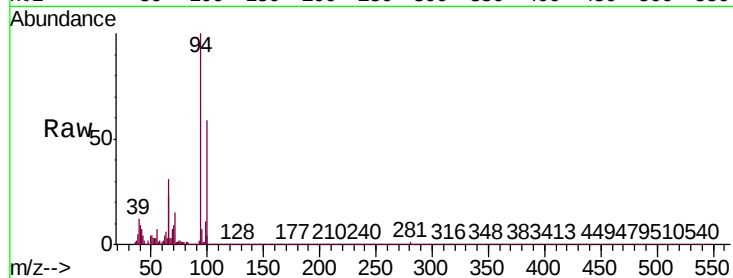
Tgt Ion: 94 Resp: 57753

Ion Ratio Lower Upper

94 100

65 23.4 19.2 28.8

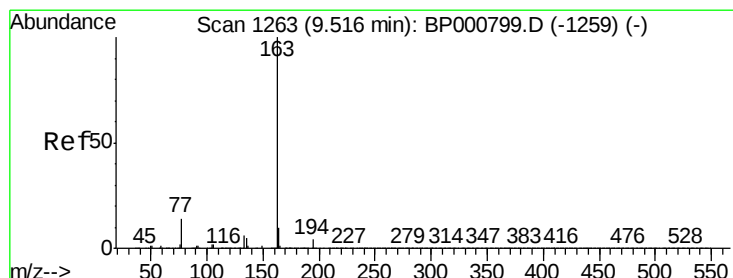
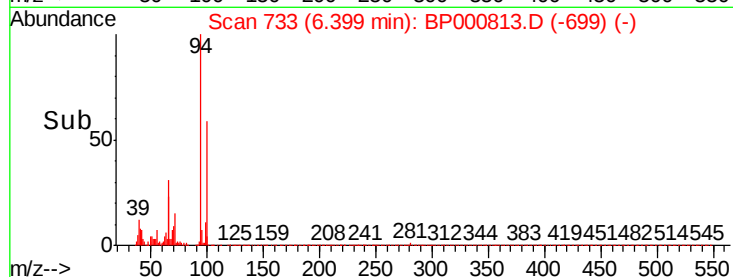
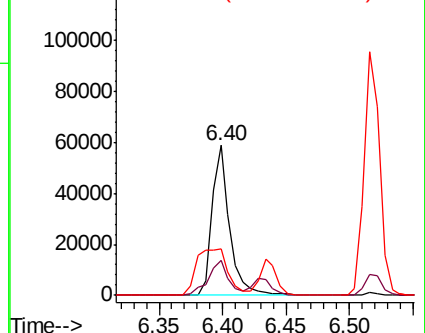
66 31.0 25.7 38.5



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: 10.077 ng/ul

RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

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Acq: 16 Oct 2019 15:19

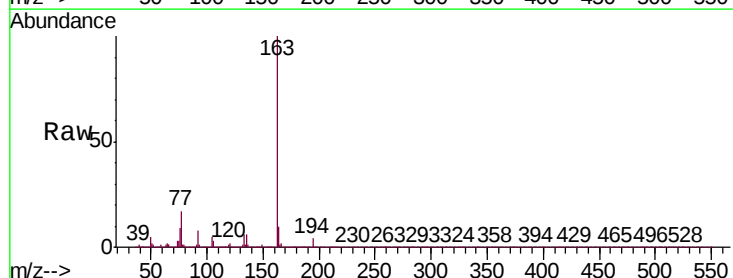
Tgt Ion: 163 Resp: 307479

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

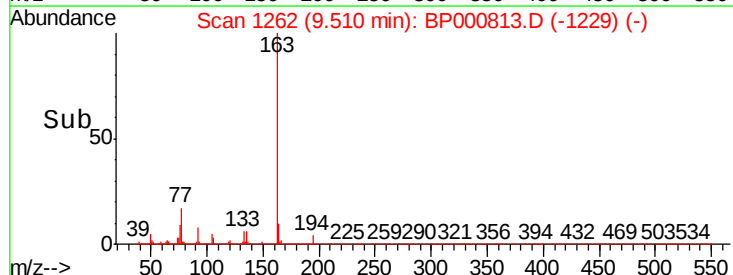
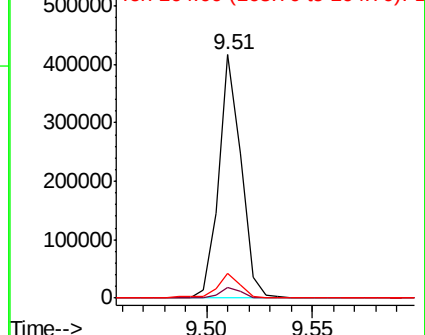
164 10.1 8.1 12.1

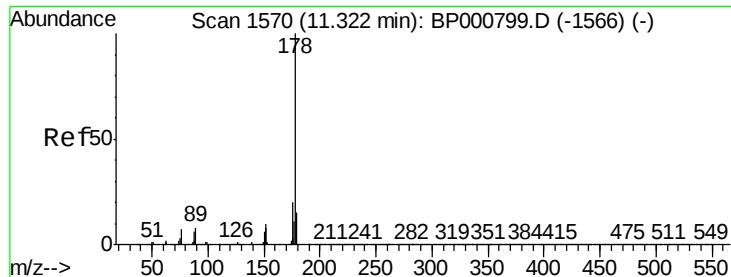


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#70

Phenanthrene

Concen: 1.915 ng/ul

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

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Instrument :

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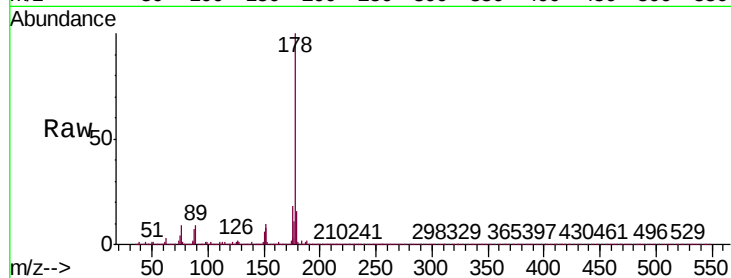
Tgt Ion:178 Resp: 77280

Ion Ratio Lower Upper

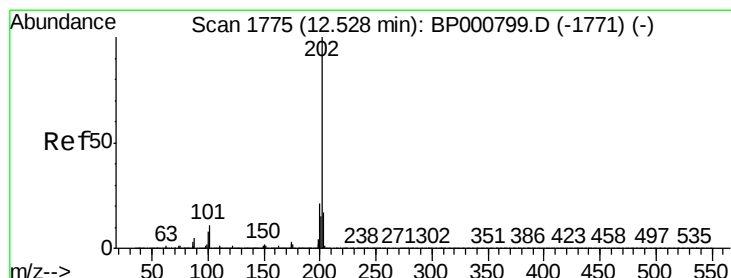
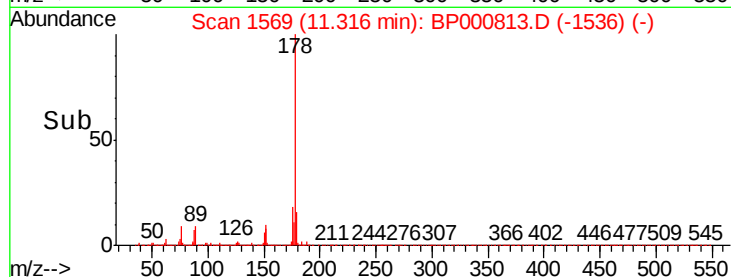
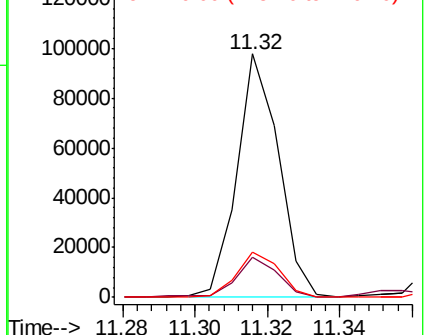
178 100

179 16.3 12.5 18.7

176 18.3 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: 3.190 ng/ul

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BP000813.D

Acq: 16 Oct 2019 15:19

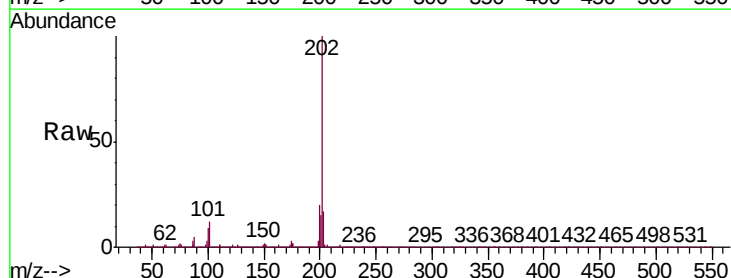
Tgt Ion:202 Resp: 131878

Ion Ratio Lower Upper

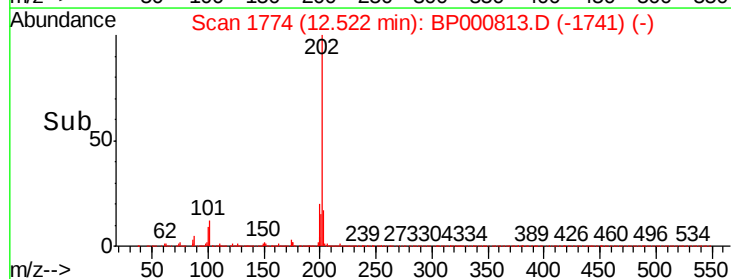
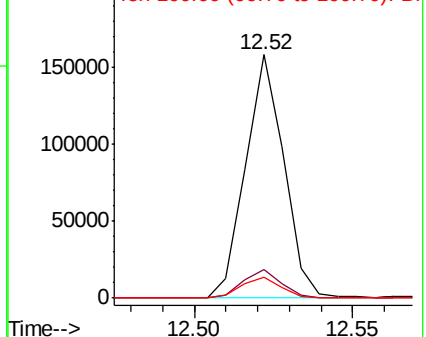
202 100

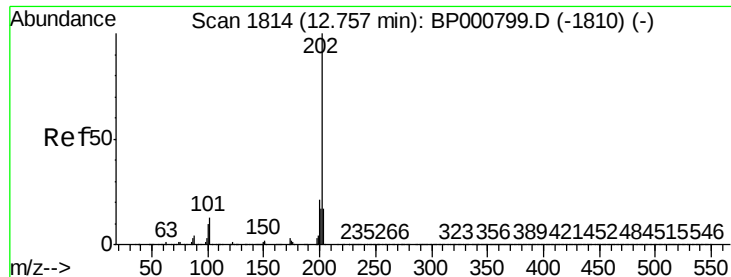
101 12.0 9.8 14.6

100 8.7 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

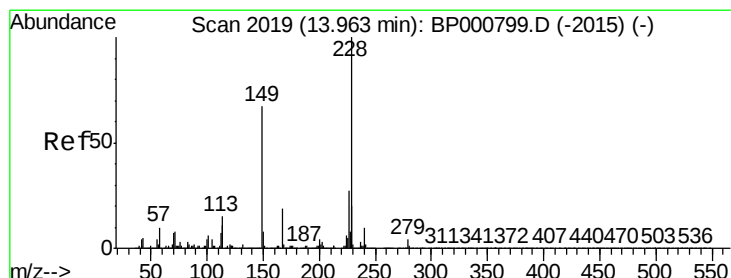
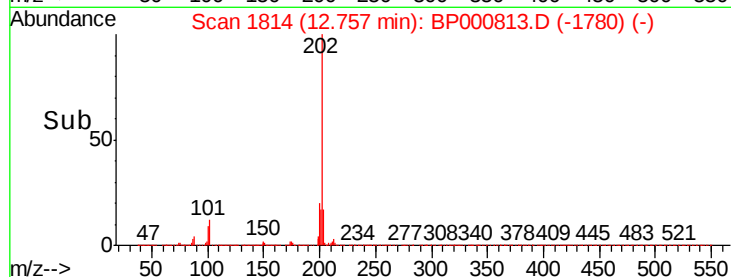
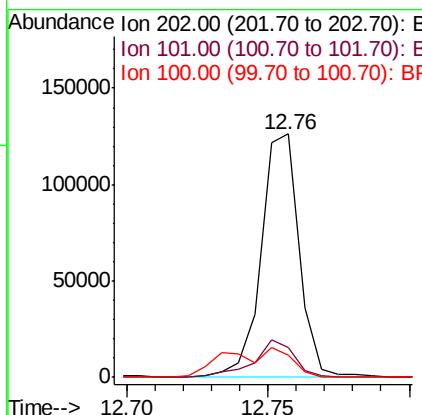
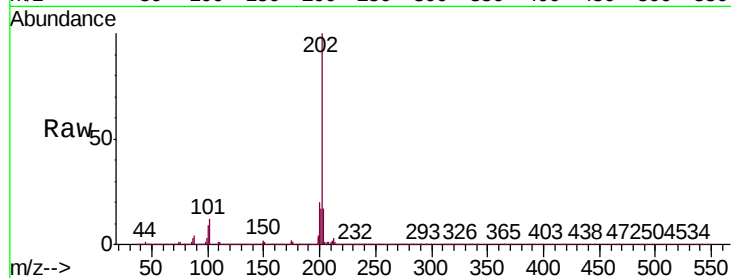




#80
Pyrene
Concen: 2.642 ng/ul
RT: 12.76 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BP000813.D
Acq: 16 Oct 2019 15:19

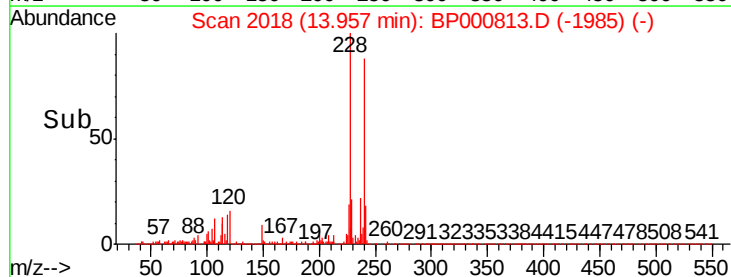
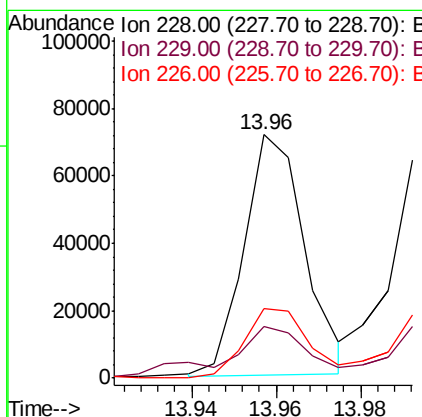
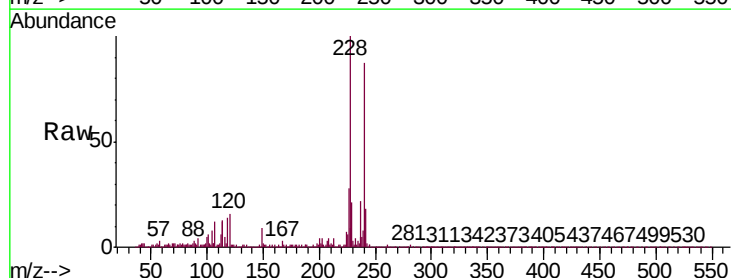
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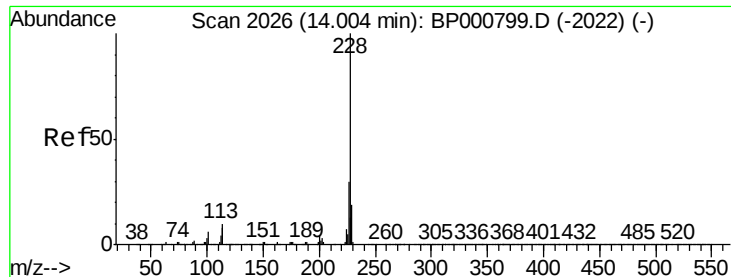
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.7	14.5
100	9.3	7.8	11.8



#83
Benzo(a)anthracene
Concen: 1.714 ng/ul
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BP000813.D
Acq: 16 Oct 2019 15:19

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.6	23.4
226	28.4	21.8	32.8





#85

Chrysene

Concen: 1.672 ng/ul

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BP000813.D

Acq: 16 Oct 2019 15:19

Instrument :

BNA_P

ClientSampleId :

BEPE1

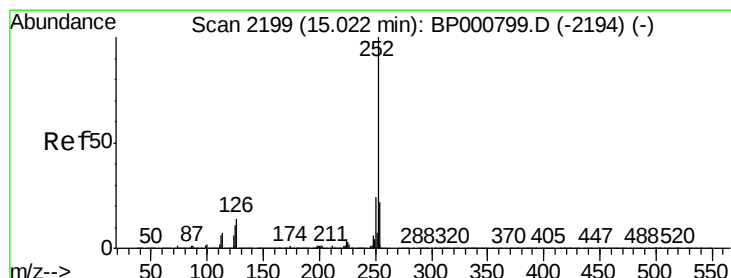
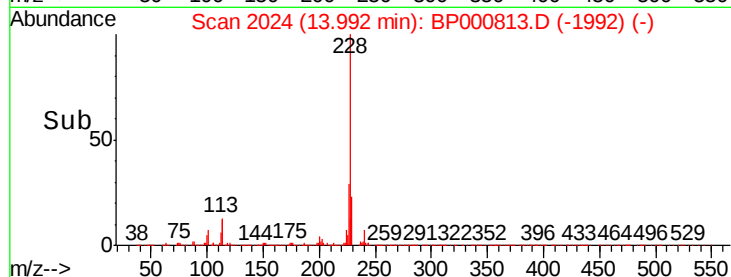
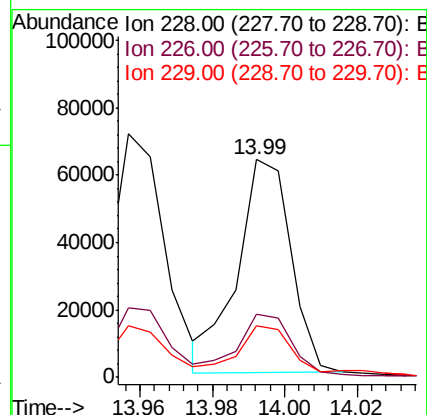
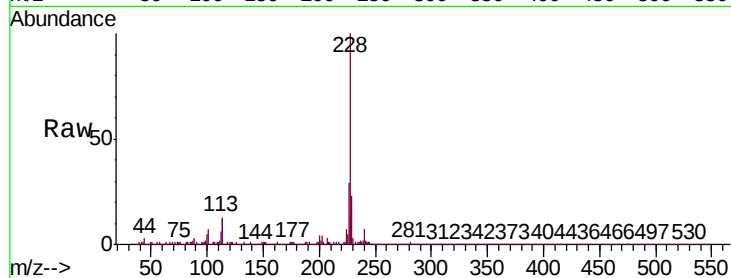
Tgt Ion:228 Resp: 65032

Ion Ratio Lower Upper

228 100

226 29.0 24.2 36.4

229 23.4 15.8 23.6



#88

Benzo(b)fluoranthene

Concen: 1.867 ng/ul

RT: 15.02 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BP000813.D

Acq: 16 Oct 2019 15:19

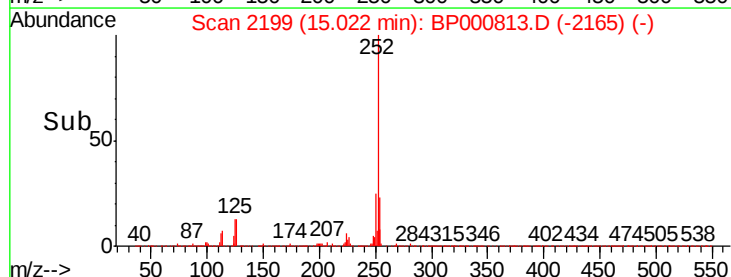
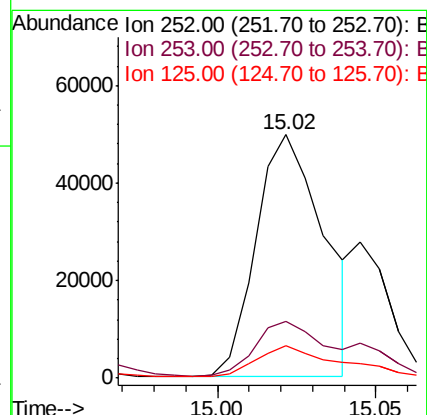
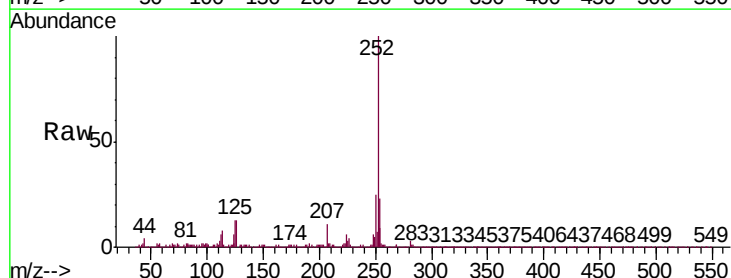
Tgt Ion:252 Resp: 74337

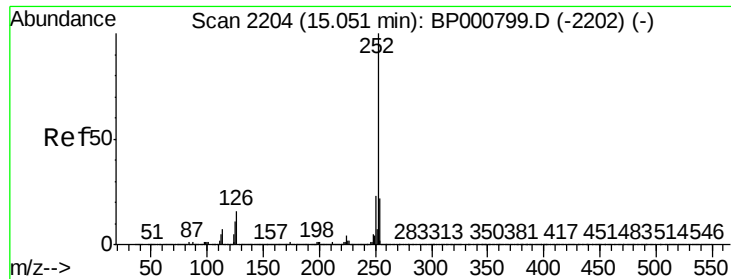
Ion Ratio Lower Upper

252 100

253 23.2 17.6 26.4

125 13.3 8.7 13.1#





#89

Benzo(k)fluoranthene

Concen: 1.961 ng/ul

RT: 15.02 min Scan# 2199

Delta R.T. -0.03 min

Lab File: BP000813.D

Acq: 16 Oct 2019 15:19

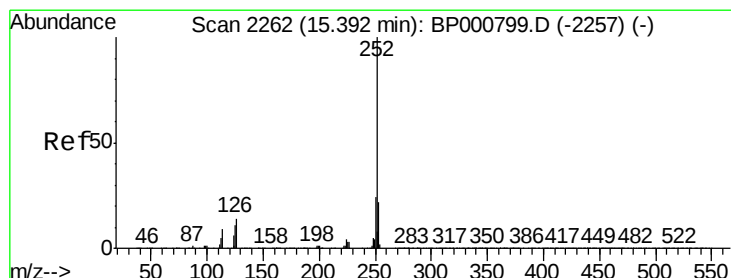
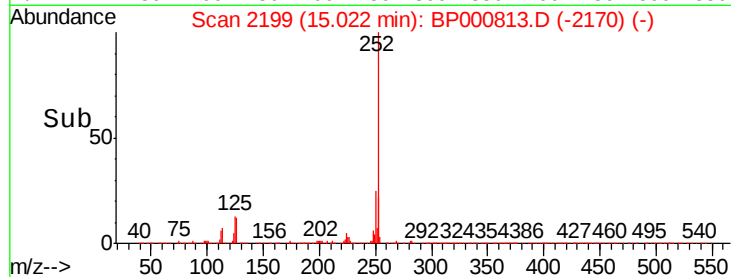
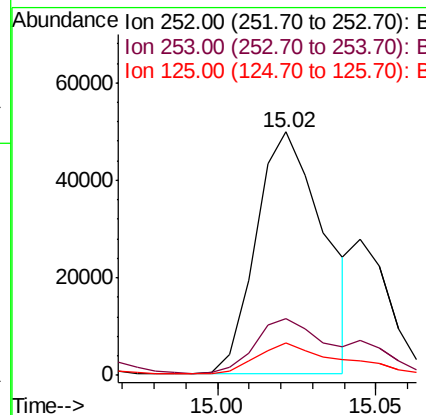
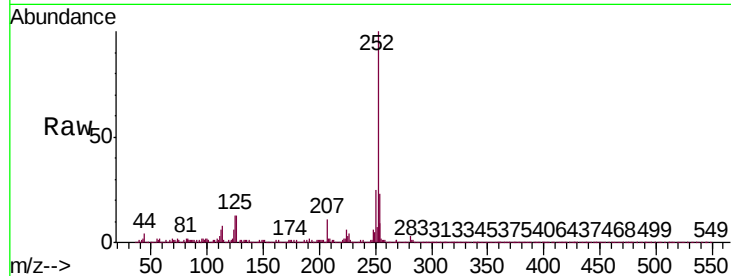
Instrument :

BNA_P

ClientSampleId :

BEPE1

Tgt Ion:	252	Resp:	74337
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.8	26.6
125	13.3	8.2	12.4#



#91

Benzo(a)pyrene

Concen: 1.362 ng/ul

RT: 15.39 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BP000813.D

Acq: 16 Oct 2019 15:19

Tgt Ion:	252	Resp:	51330
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.6	26.4
125	11.7	9.7	14.5

