

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101719\
 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 09:07:32 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

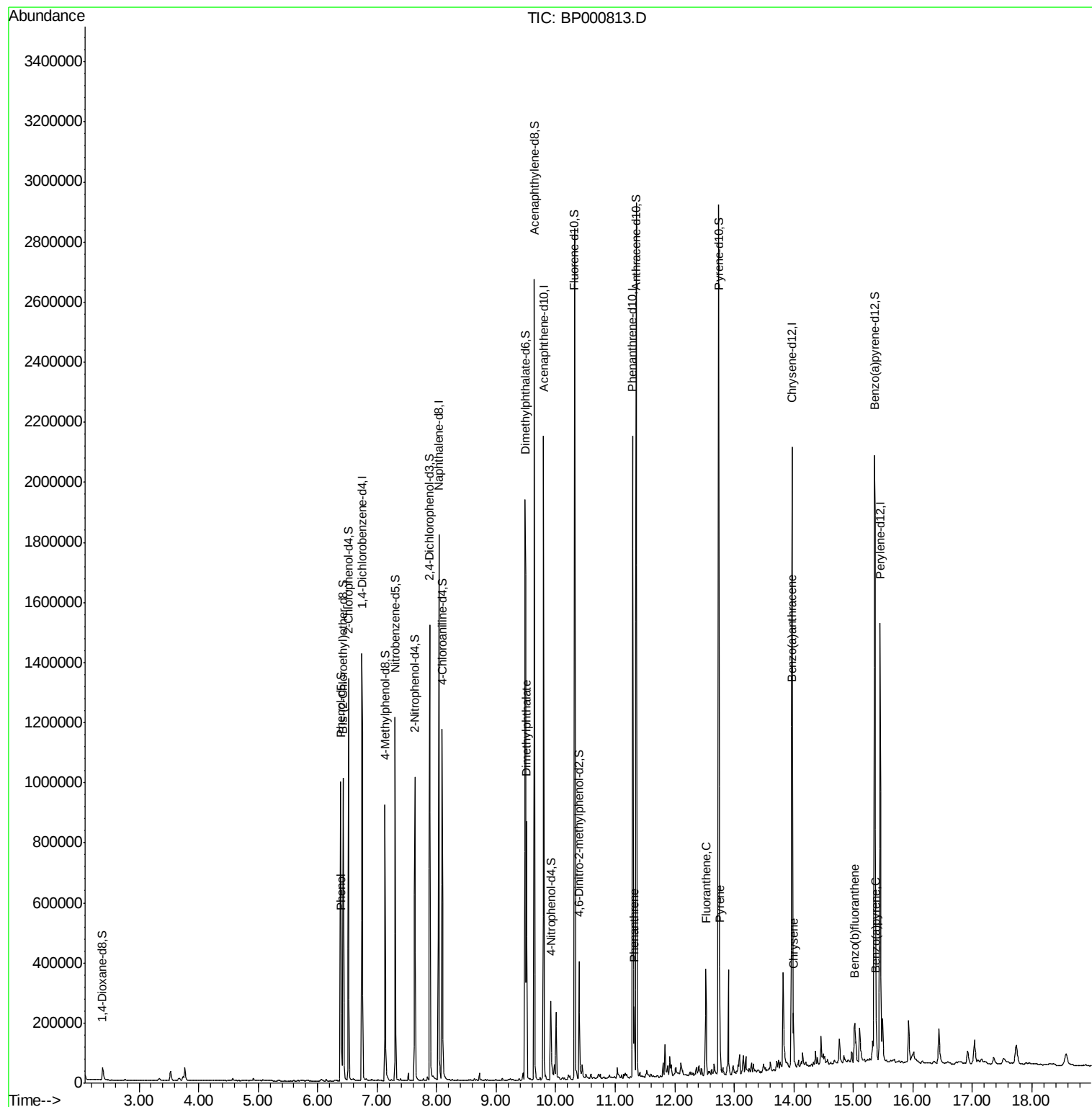
					Ovalue
6) Phenol	6.40	94	57753	3.225	ng/ul 98
45) Dimethylphthalate	9.51	163	307479	10.077	ng/ul 100
70) Phenanthrene	11.32	178	77280	1.915	ng/ul 98
77) Fluoranthene	12.52	202	131878	3.190	ng/ul 99
80) Pyrene	12.76	202	116860	2.642	ng/ul 99
83) Benzo(a)anthracene	13.96	228	71701	1.714	ng/ul 97
85) Chrysene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

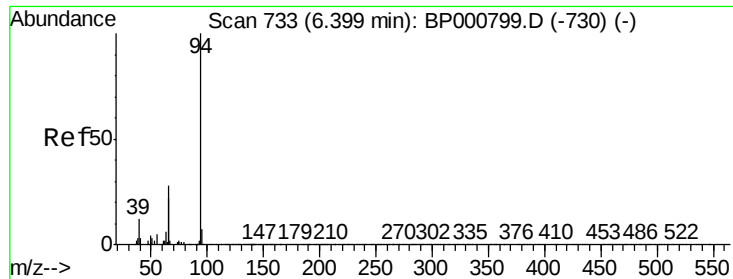
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

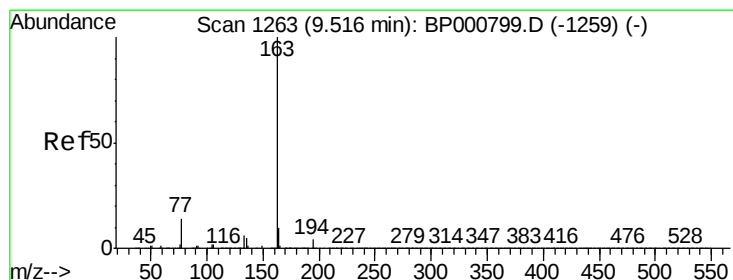
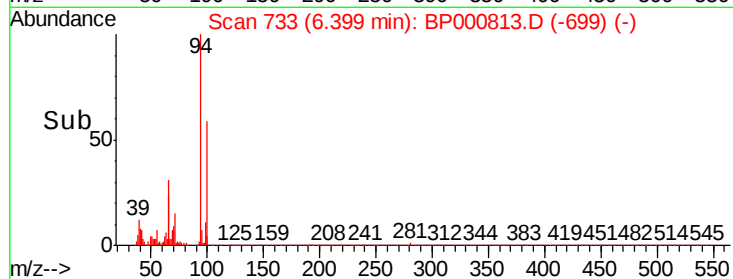
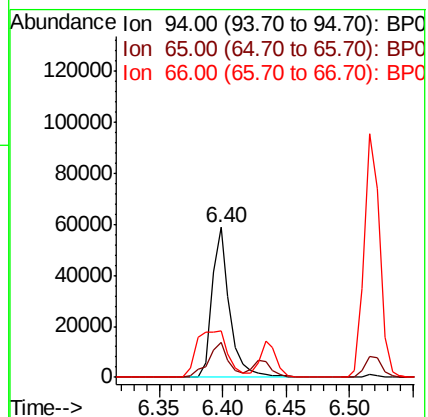
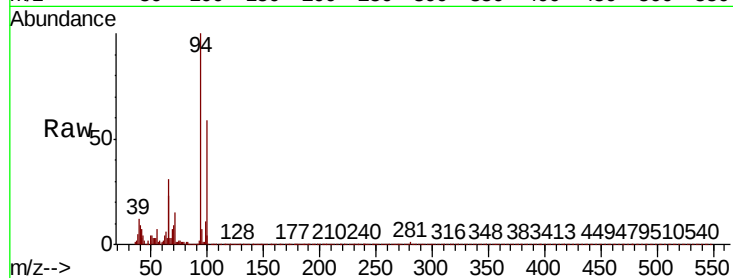
Tot Ion: 94 Resp: 57753

Ion Ratio Lower Upper

94 100

65 23.4 19.2 28.8

66 31.0 25.7 38.5



#45

Dimethylphthalate

Concen: 10.077 ng/ul

RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BP000813.D

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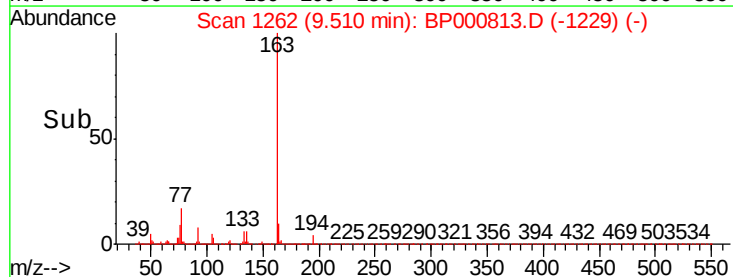
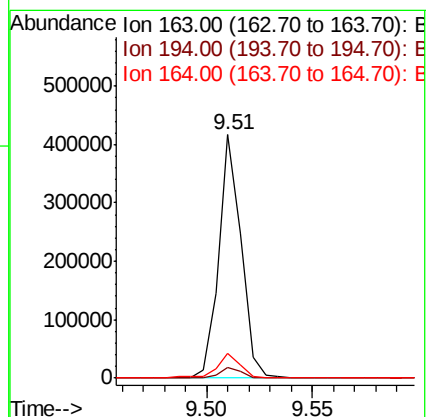
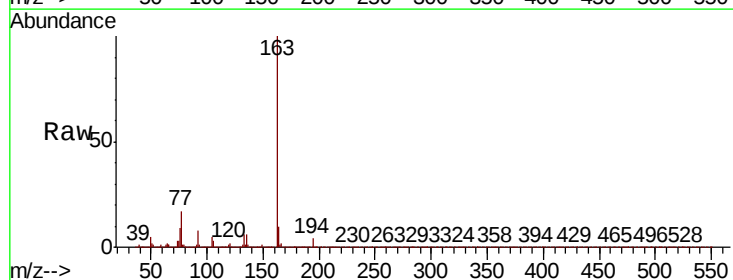
Tgt Ion:163 Resp: 307479

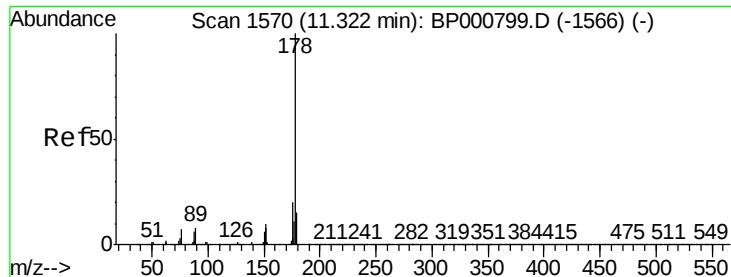
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.1 8.1 12.1





#70

Phenanthrene

Concen: 1.915 ng/ul

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BP000813.D

Acq: 16 Oct 2019 15:19

Instrument :

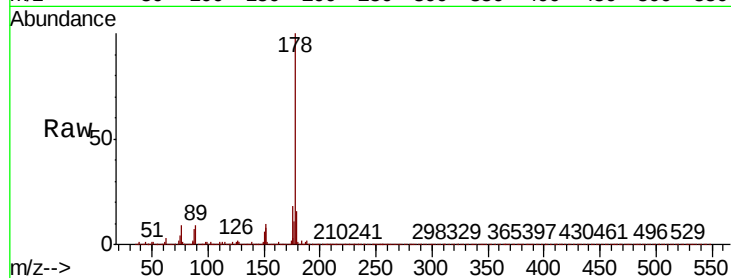
BNA_P

ClientSampleId :

BEPE1

Tot Ion:178 Resp: 77280

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.5	18.7
176	18.3	15.4	23.2

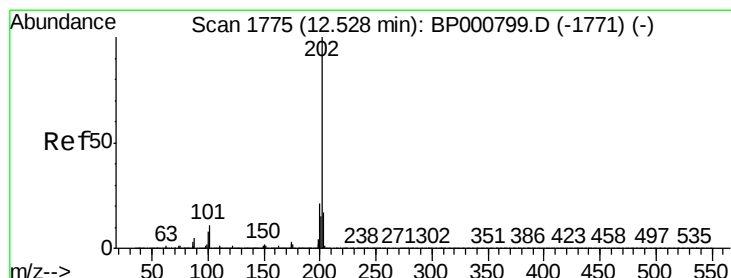
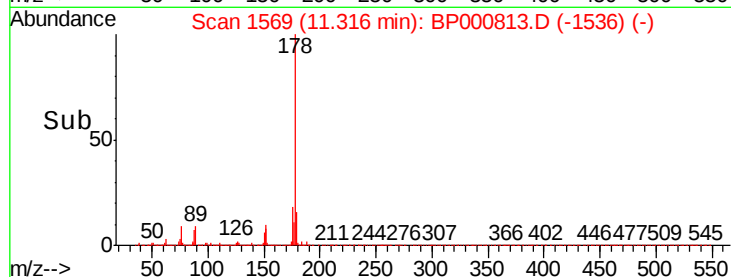
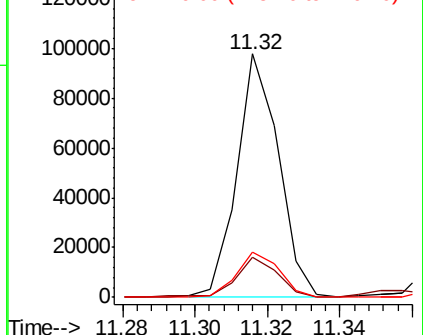


Abundance

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

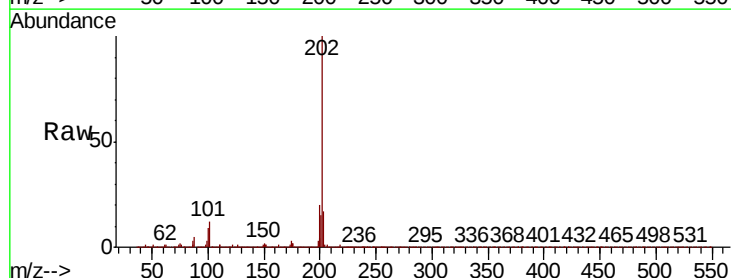
Delta R.T. -0.01 min

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

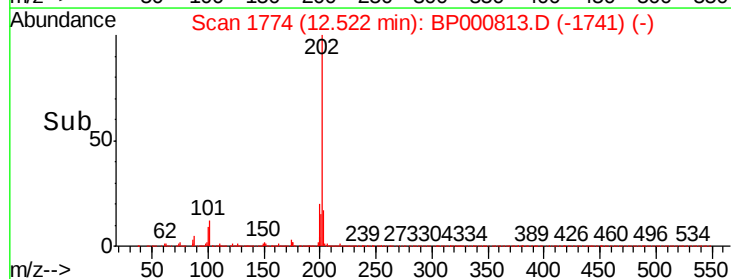
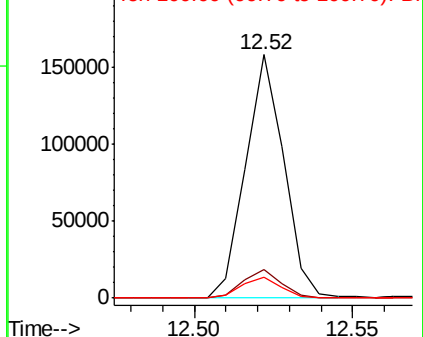


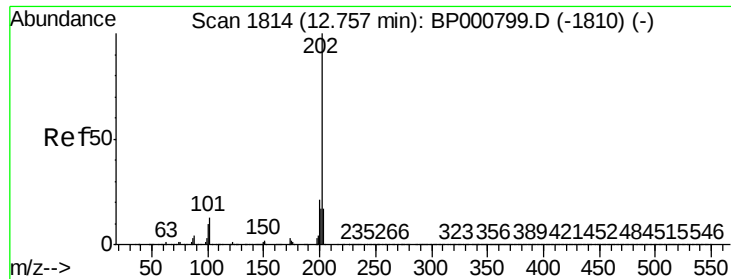
Abundance

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

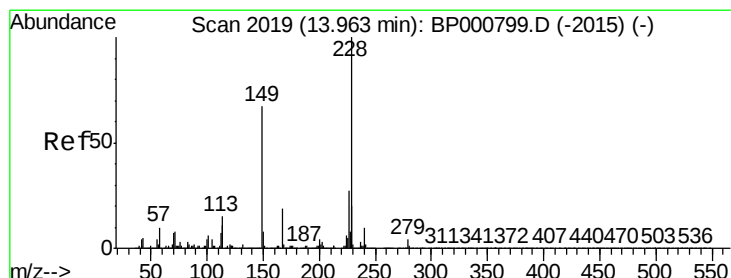
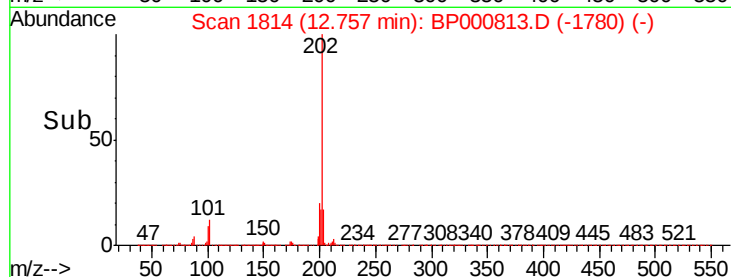
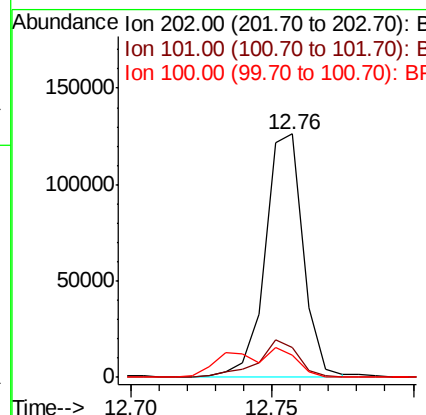
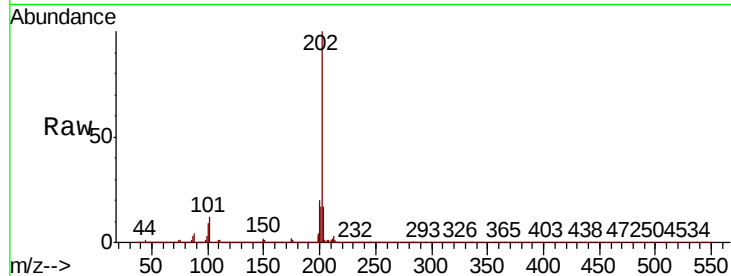




#80
Pvrene
Concen: 2.642 ng/ul
RT: 12.76 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BP000813.D
Acq: 16 Oct 2019 15:19

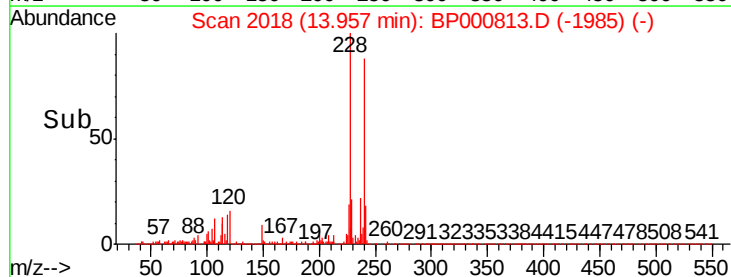
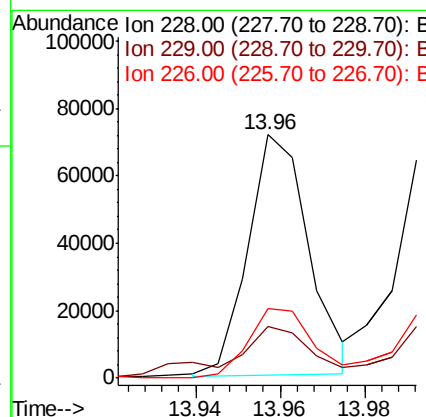
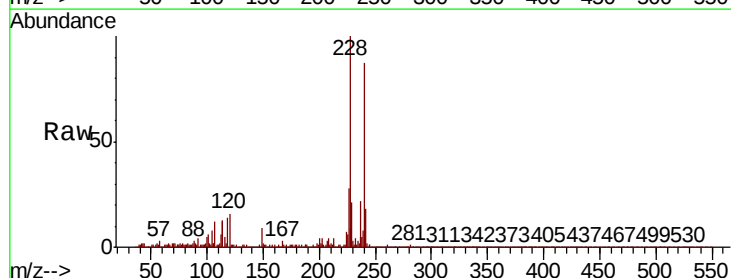
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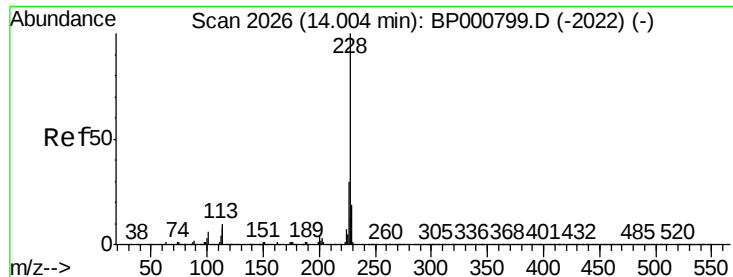
Tot Ion:202 Resp: 116860
Ion Ratio Lower Upper
202 100
101 12.1 9.7 14.5
100 9.3 7.8 11.8



#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:228 Resp: 71701
Ion Ratio Lower Upper
228 100
229 21.1 15.6 23.4
226 28.4 21.8 32.8

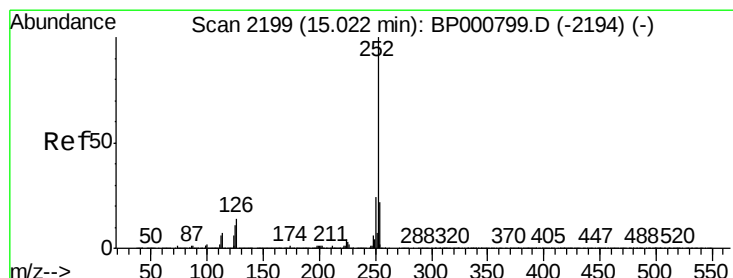
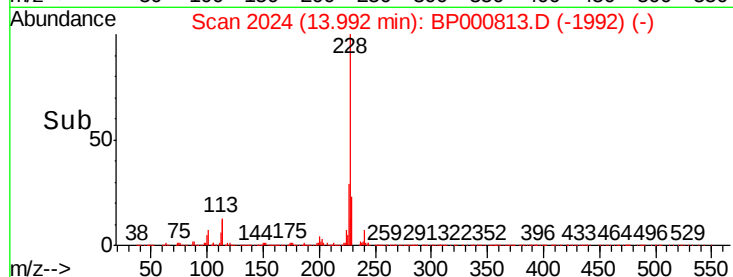
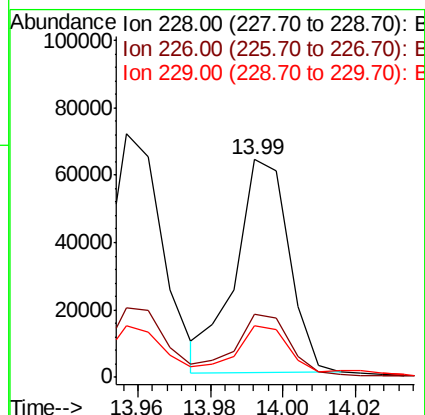
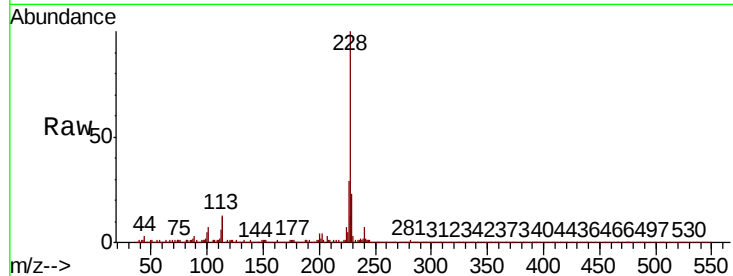




#85
Chrysene
Concen: 1.672 ng/ul
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BP000813.D
Acq: 16 Oct 2019 15:19

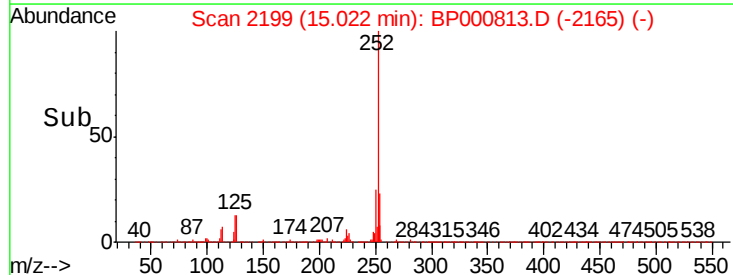
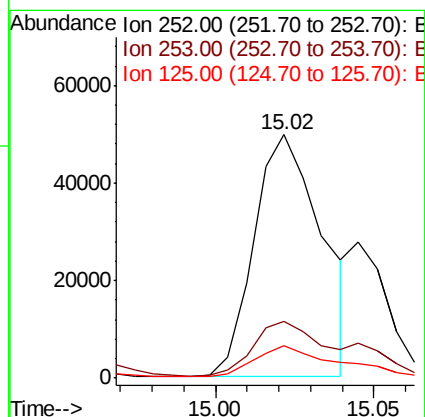
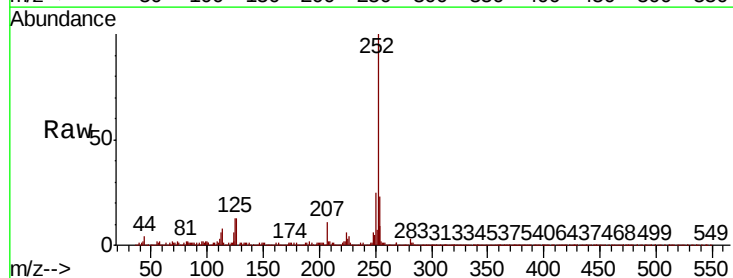
Instrument :
BNA_P
ClientSampleId :
BEPE1

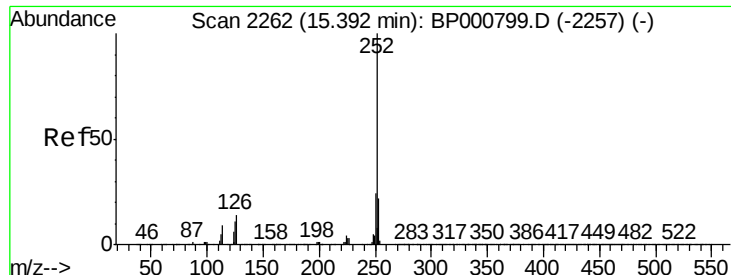
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.2	36.4
229	23.4	15.8	23.6



#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	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	13.3	8.7	13.1





#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

Instrument :

BNA_P

ClientSampleId :

BEPE1

Tot Ion:252 Resp: 51330

Ion Ratio Lower Upper

252 100

253 24.7 17.6 26.4

125 11.7 9.7 14.5

