

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101719\
 Data File : BP000825.D
 Acq On : 16 Oct 2019 21:00
 Operator : JU
 Sample : K5223-19
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BEPA7

Quant Time: Oct 17 09:37:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 17 09:27:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	246421	20.00	ng/ul	0.00
18) Naphthalene-d8	8.03	136	906470	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.80	164	481020	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.30	188	822171	20.00	ng/ul	0.00
78) Chrysene-d12	13.97	240	682854	20.00	ng/ul	0.00
86) Perylene-d12	15.45	264	733223	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.39	96	28117	4.73	ng/uL	0.00
5) Phenol-d5	6.38	99	441531	23.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.43	67	235705	24.80	ng/ul	0.00
9) 2-Chlorophenol-d4	6.52	132	394992	24.66	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	274257	18.89	ng/ul	0.00
19) Nitrobenzene-d5	7.30	128	185188	26.88	ng/ul	0.00
22) 2-Nitrophenol-d4	7.63	143	201917	27.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.88	165	338246	24.09	ng/ul	0.00
29) 4-Chloroaniline-d4	8.09	131	371460	23.78	ng/ul	0.00
44) Dimethylphthalate-d6	9.49	166	892726	26.51	ng/ul	0.00
47) Acenaphthylene-d8	9.64	160	1069128	25.81	ng/ul	0.00
52) 4-Nitrophenol-d4	9.92	143	95227	18.36	ng/ul	0.00
58) Fluorene-d10	10.32	176	724287	25.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	66455	16.97	ng/ul	0.00
71) Anthracene-d10	11.35	188	957692	25.15	ng/ul	0.00
79) Pyrene-d10	12.74	212	1065628	27.60	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.36	264	992879	27.43	ng/ul	0.00

Target Compounds

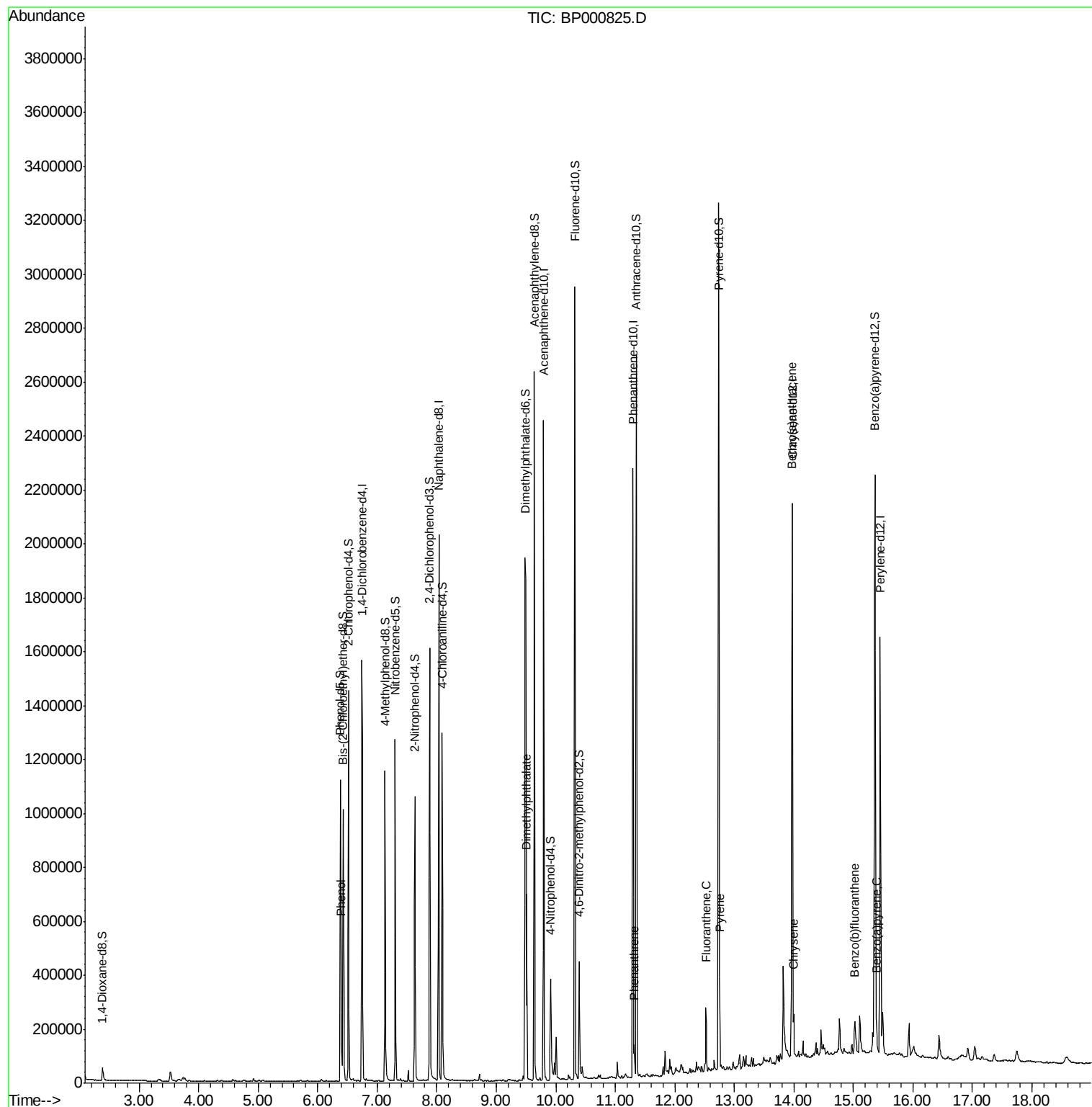
					Ovalue
6) Phenol	6.40	94	69430	3.623	ng/ul 98
45) Dimethylphthalate	9.51	163	252707	7.532	ng/ul 99
70) Phenanthrene	11.32	178	46189	1.031	ng/ul 99
77) Fluoranthene	12.52	202	92354	2.012	ng/ul 100
80) Pyrene	12.76	202	101322	2.091	ng/ul 99
83) Benzo(a)anthracene	13.96	228	56561	1.234	ng/ul 94
85) Chrysene	14.00	228	57965	1.361	ng/ul 97
88) Benzo(b)fluoranthene	15.02	252	60161	1.375	ng/ul 98
91) Benzo(a)pyrene	15.39	252	46168	1.115	ng/ul 98

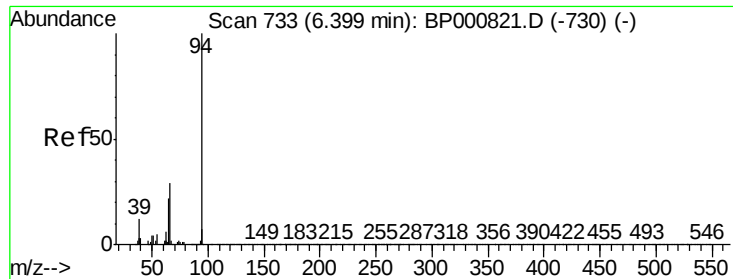
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 3.623 ng/ul

RT: 6.40 min Scan# 733

Delta R.T. -0.00 min

Lab File: BP000825.D

Acq: 16 Oct 2019 21:00

Instrument :

BNA_P

ClientSampled :

BEPA7

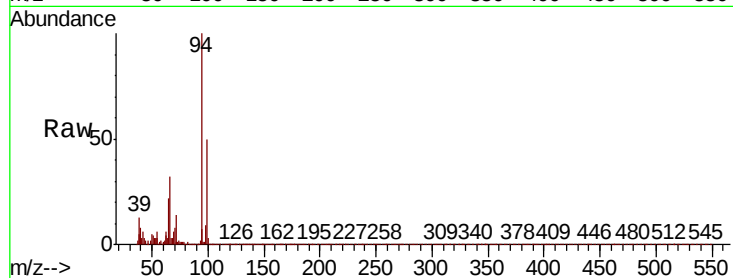
Tot Ion: 94 Resp: 69430

Ion Ratio Lower Upper

94 100

65 21.7 19.2 28.8

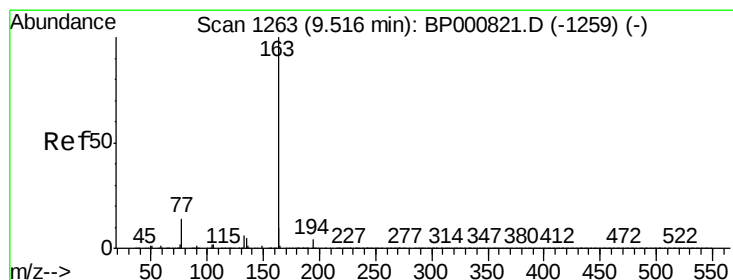
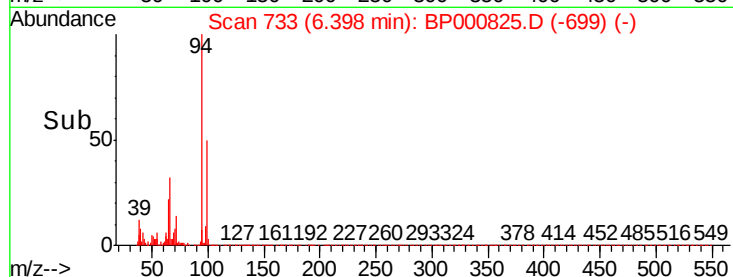
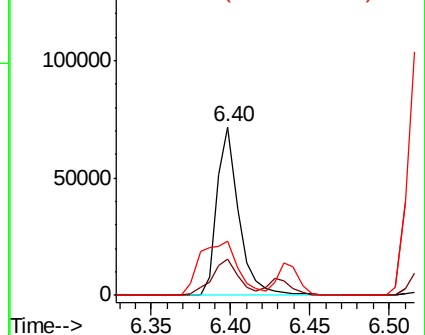
66 31.9 25.7 38.5



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: 7.532 ng/ul

RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BP000825.D

Acq: 16 Oct 2019 21:00

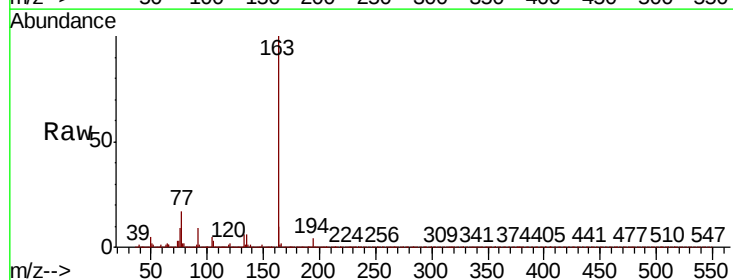
Tgt Ion: 163 Resp: 252707

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

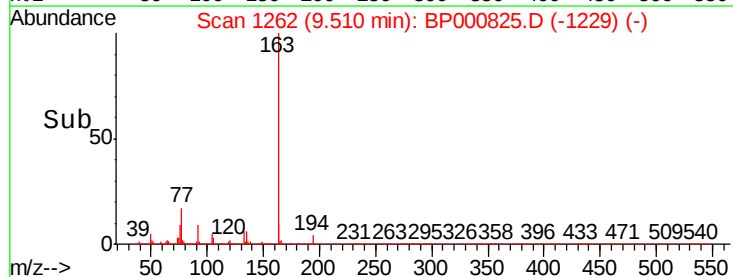
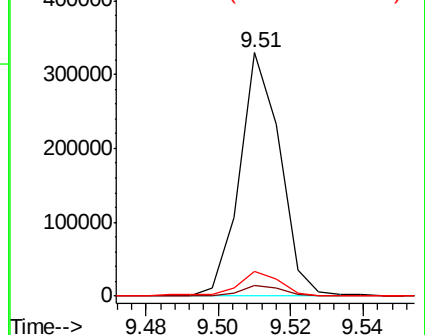
164 10.3 8.1 12.1

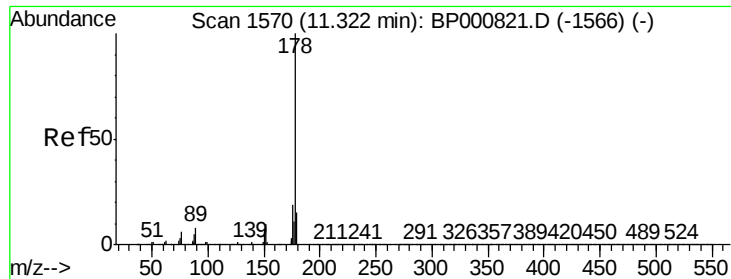


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#70

Phenanthrene

Concen: 1.031 ng/ul

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BP000825.D

Acq: 16 Oct 2019 21:00

Instrument :

BNA_P

ClientSampleId :

BEP7

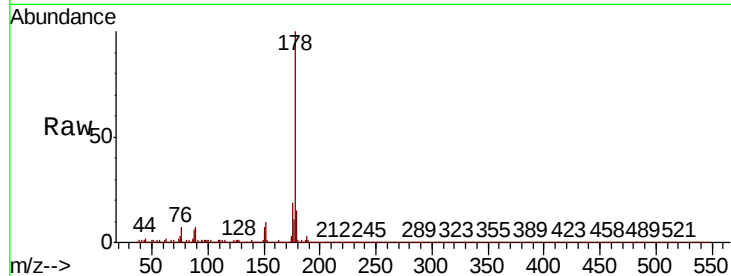
Tot Ion:178 Resp: 46189

Ion Ratio Lower Upper

178 100

179 15.3 12.5 18.7

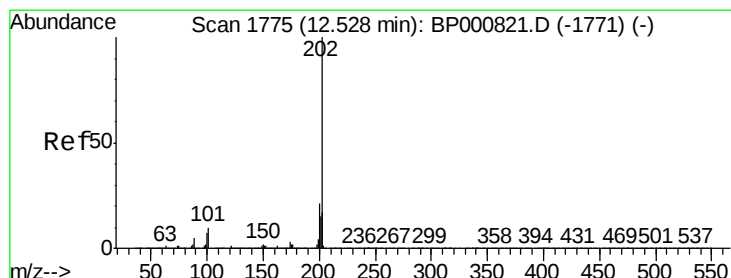
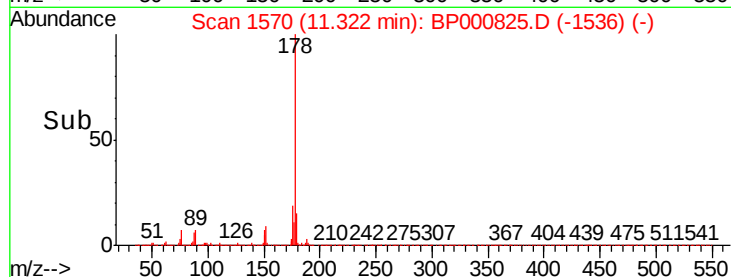
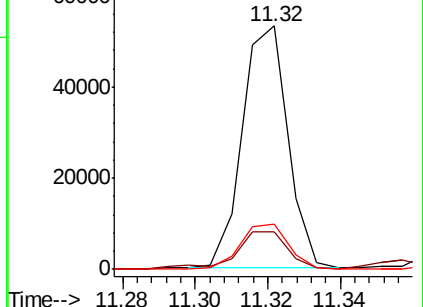
176 18.7 15.4 23.2



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: 2.012 ng/ul

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BP000825.D

Acq: 16 Oct 2019 21:00

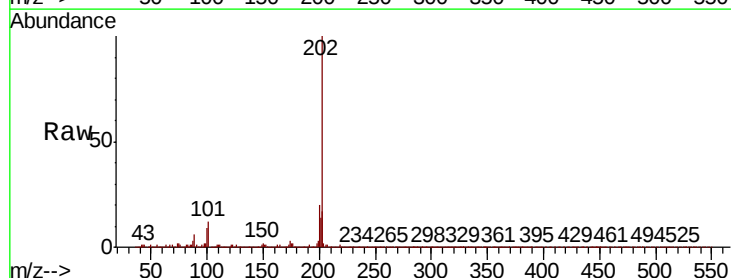
Tgt Ion:202 Resp: 92354

Ion Ratio Lower Upper

202 100

101 12.1 9.8 14.6

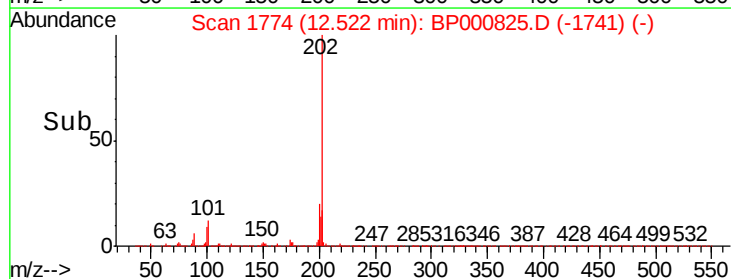
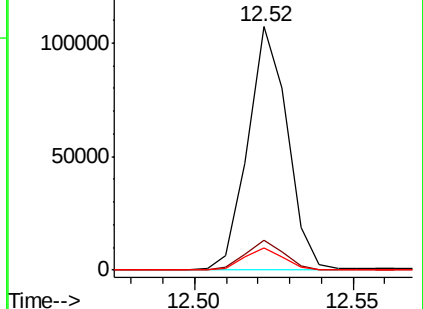
100 9.1 7.2 10.8

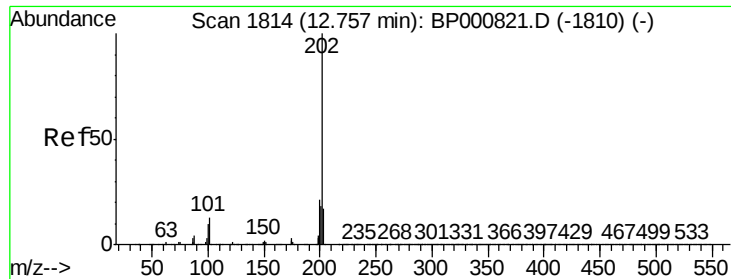


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

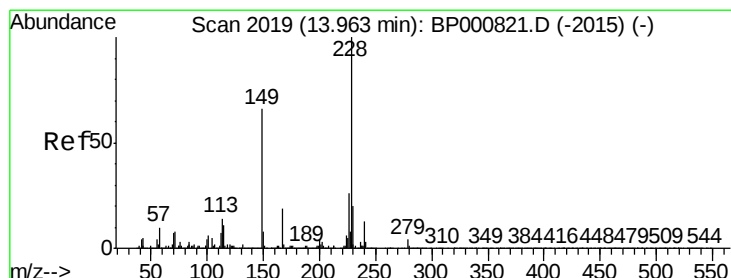
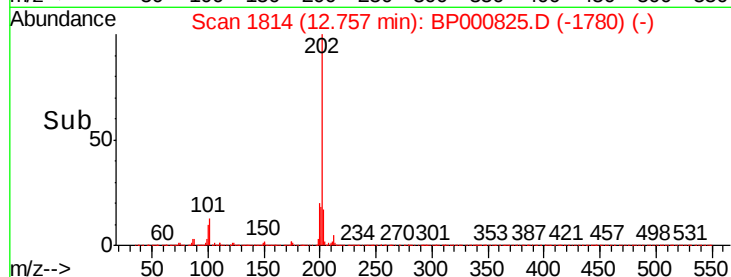
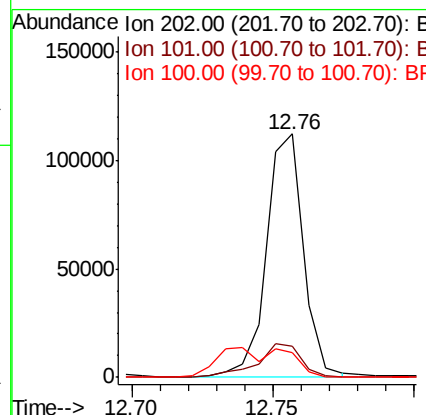
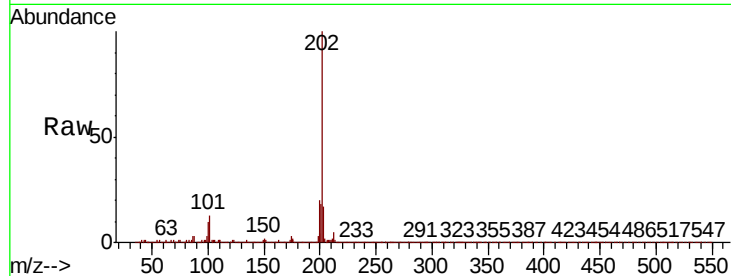




#80
Pvrene
Concen: 2.091 ng/ul
RT: 12.76 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BP000825.D
Acq: 16 Oct 2019 21:00

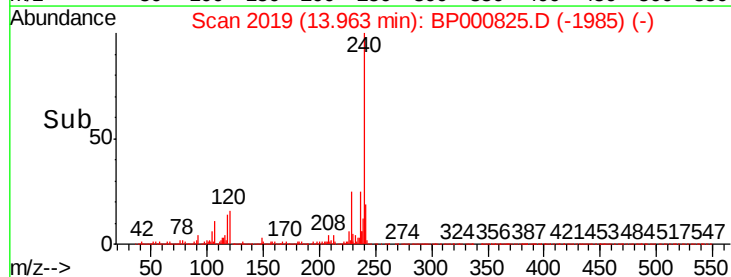
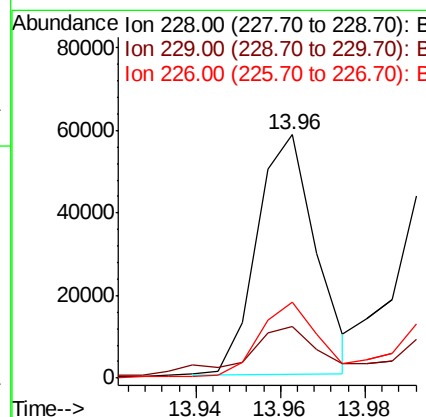
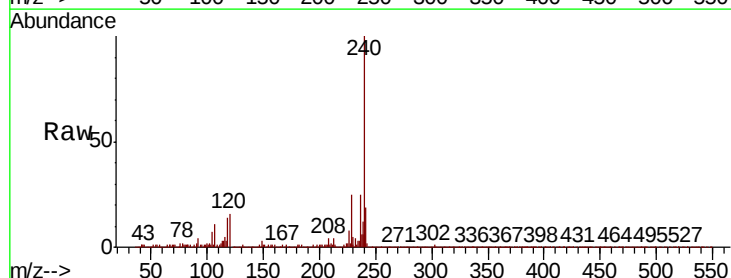
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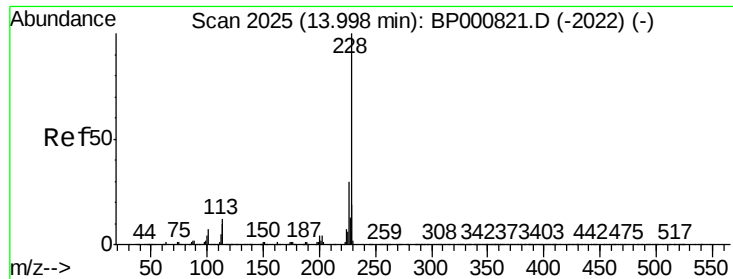
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.7	14.5
100	10.1	7.8	11.8



#83
Benzo(a)anthracene
Concen: 1.234 ng/ul
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BP000825.D
Acq: 16 Oct 2019 21:00

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.6	23.4
226	31.0	21.8	32.8

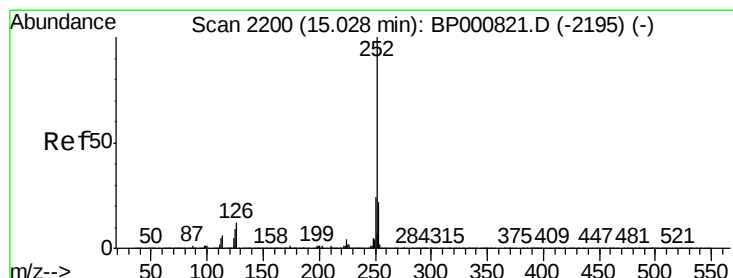
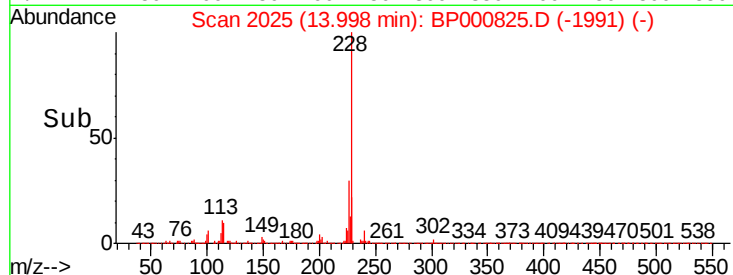
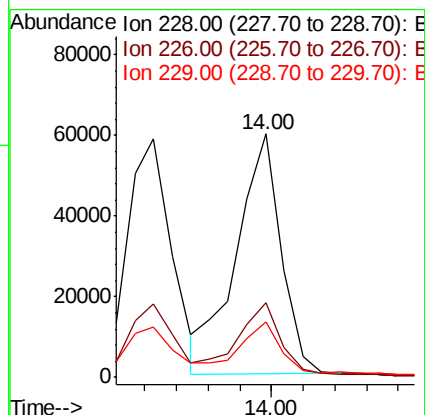
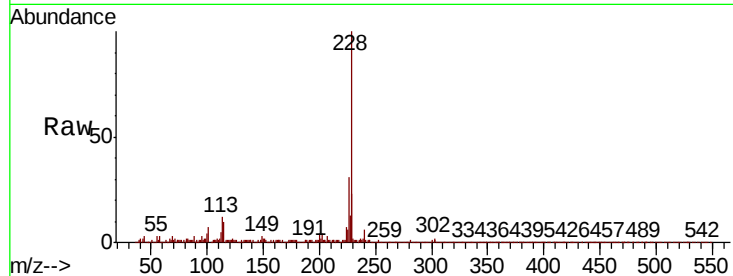




#85
Chrysene
Concen: 1.361 ng/ul
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BP000825.D
Acq: 16 Oct 2019 21:00

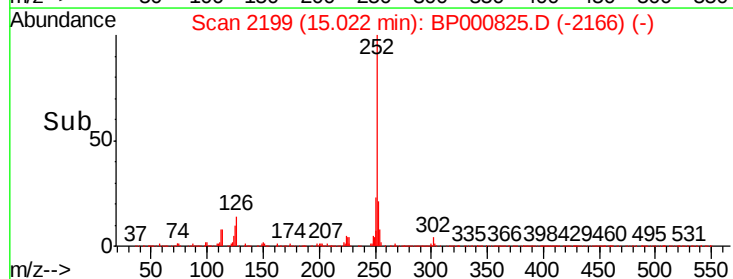
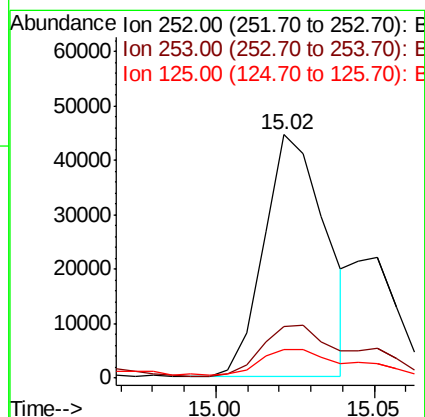
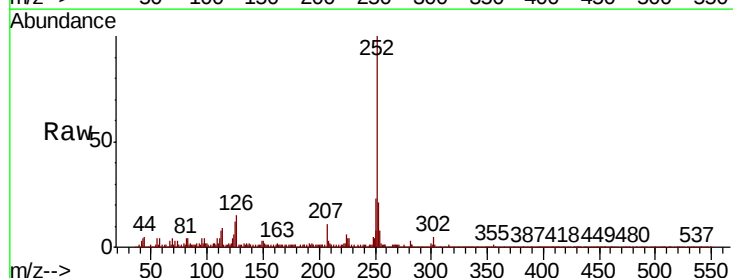
Instrument :
BNA_P
ClientSampleId :
BEP47

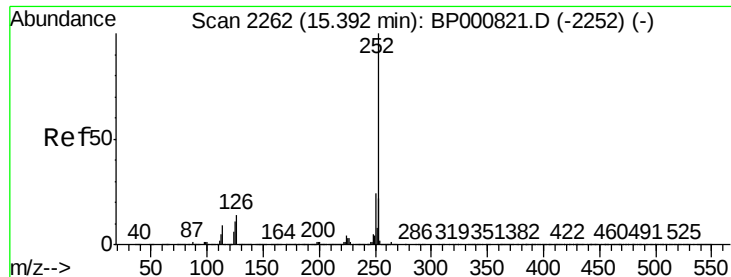
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.4
229	22.9	15.8	23.6



#88
Benzo(b)fluoranthene
Concen: 1.375 ng/ul
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BP000825.D
Acq: 16 Oct 2019 21:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.6	26.4
125	11.8	8.7	13.1





#91

Benzo(a)pyrene

Concen: 1.115 ng/ul

RT: 15.39 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BP000825.D

Acq: 16 Oct 2019 21:00

Instrument :

BNA_P

ClientSampleId :

BEPA7

Tot Ion:252 Resp: 46168

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 10.6 9.7 14.5

