

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP121720\
 Data File : BP004345.D
 Acq On : 17 Dec 2020 17:40
 Operator : CG/JU
 Sample : L5067-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54E5

Quant Time: Dec 18 00:35:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 18 00:21:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	214399	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.63	136	912731	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.48	164	556921	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.24	188	1195525	20.00	ng/ul	-0.01
78) Chrysene-d12	21.34	240	1226691	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	1314843	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.33	96	15987	2.62	ng/uL	0.00
5) Phenol-d5	6.99	99	341270	19.24	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.16	67	195424	17.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	277984	20.65	ng/ul	-0.01
13) 4-Methylphenol-d8	8.53	113	259711	19.38	ng/ul	-0.01
19) Nitrobenzene-d5	8.99	128	143368	19.18	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.71	143	160160	25.98	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.25	165	285332	21.05	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.76	131	353030	21.01	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	864072	20.30	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	1134489	20.88	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.68	143	137829	19.17	ng/ul	0.00
58) Fluorene-d10	15.48	176	809302	20.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.60	200	103563	18.06	ng/ul	-0.01
71) Anthracene-d10	17.34	188	1216706	20.88	ng/ul	-0.01
79) Pyrene-d10	19.59	212	1474079	23.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	1564475	22.59	ng/ul	-0.01

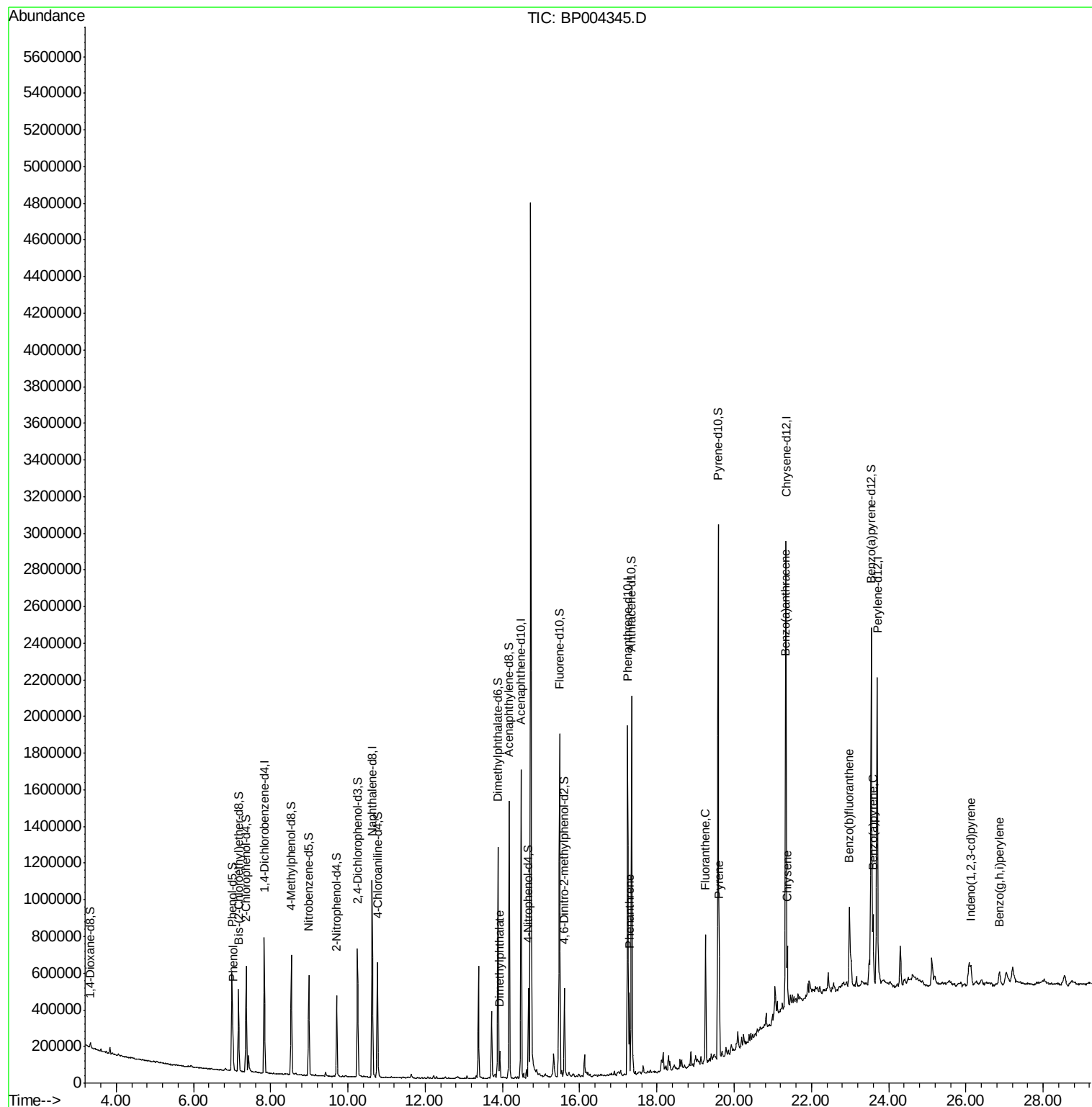
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Phenol	7.02	94	114860	6.203	ng/ul	99
45) Dimethylphthalate	13.93	163	95733	2.208	ng/ul	99
70) Phenanthrene	17.29	178	271508	3.849	ng/ul	100
77) Fluoranthene	19.26	202	400275	5.315	ng/ul	99
80) Pyrene	19.61	202	345516	4.176	ng/ul	99
83) Benzo(a)anthracene	21.32	228	193951	2.399	ng/ul	96
85) Chrysene	21.37	228	177741	2.241	ng/ul	96
88) Benzo(b)fluoranthene	22.99	252	224574	2.693	ng/ul#	94
91) Benzo(a)pyrene	23.59	252	164846	2.119	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	26.13	276	107507	1.102	ng/ul	98
94) Benzo(g,h,i)perylene	26.87	276	94662	1.156	ng/ul	97

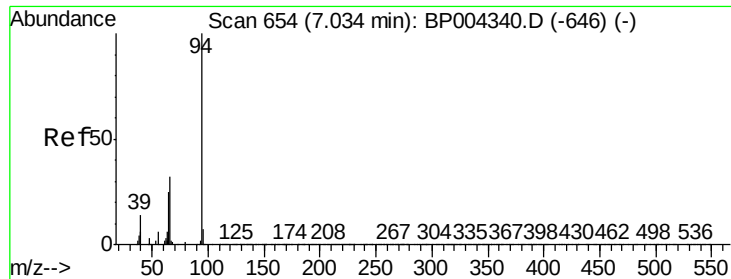
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 6.203 ng/ul

RT: 7.02 min Scan# 652

Delta R.T. -0.01 min

Lab File: BP004345.D

Acq: 17 Dec 2020 17:40

Instrument :

BNA_P

ClientSampleId :

A54E5

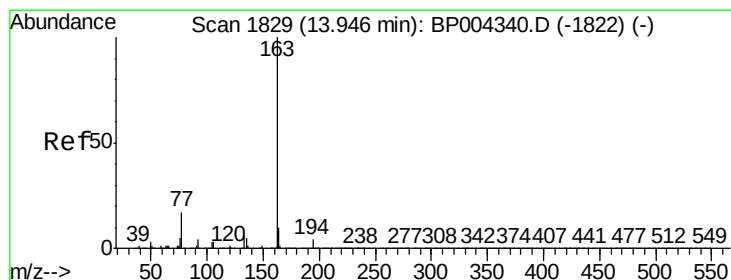
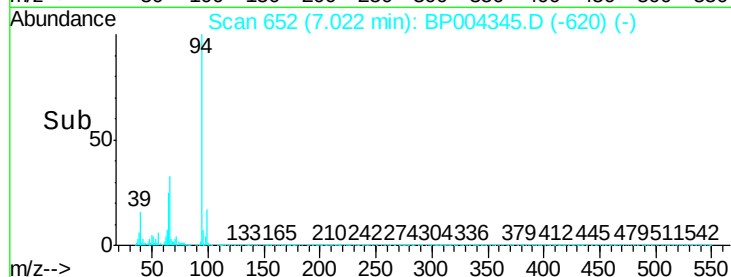
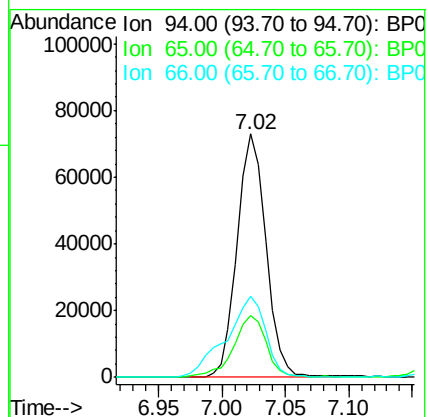
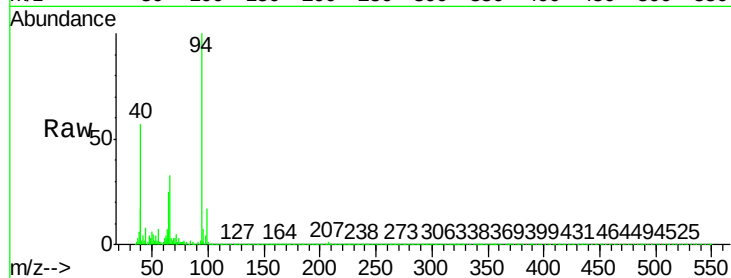
Tot Ion: 94 Resp: 114860

Ion	Ratio	Lower	Upper
94	100		
65	25.3	20.8	31.2
66	33.2	26.5	39.7

94 100

65 25.3 20.8 31.2

66 33.2 26.5 39.7



#45

Dimethylphthalate

Concen: 2.208 ng/ul

RT: 13.93 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BP004345.D

Acq: 17 Dec 2020 17:40

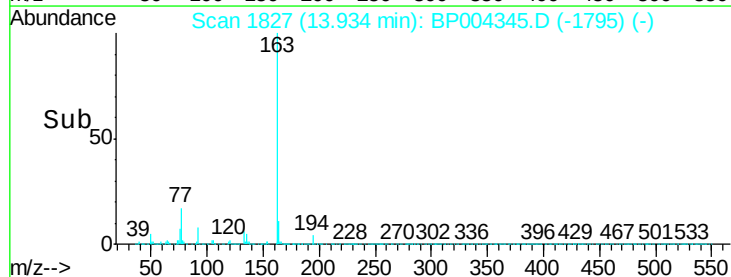
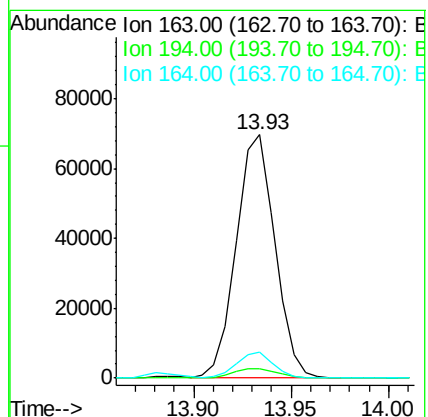
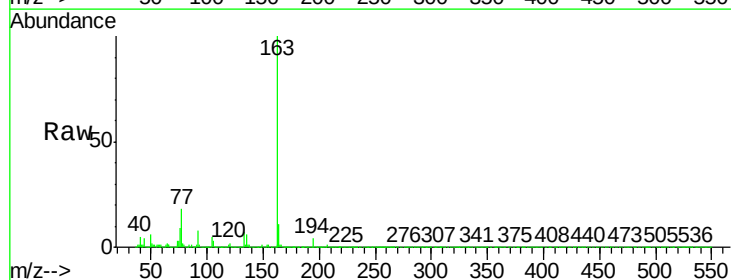
Tgt Ion: 163 Resp: 95733

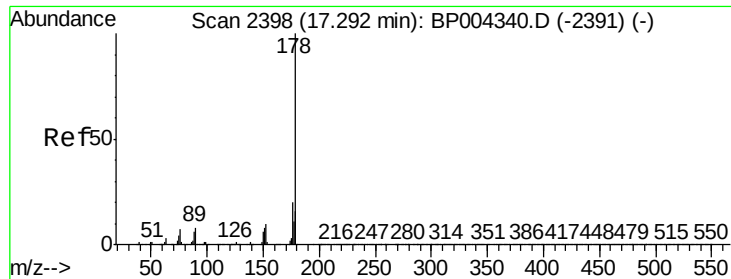
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.2
164	10.9	8.4	12.6

163 100

194 3.8 3.4 5.2

164 10.9 8.4 12.6





#70

Phenanthrene

Concen: 3.849 ng/ul

RT: 17.29 min Scan# 2397

Delta R.T. -0.01 min

Lab File: BP004345.D

Acq: 17 Dec 2020 17:40

Instrument :

BNA_P

ClientSampleId :

A54E5

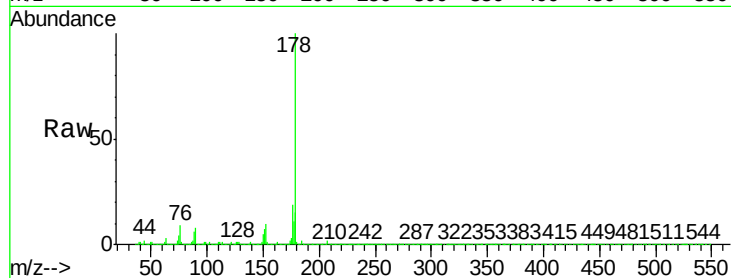
Tot Ion:178 Resp: 271508

Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

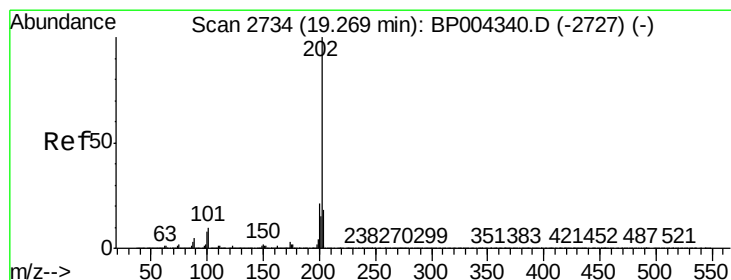
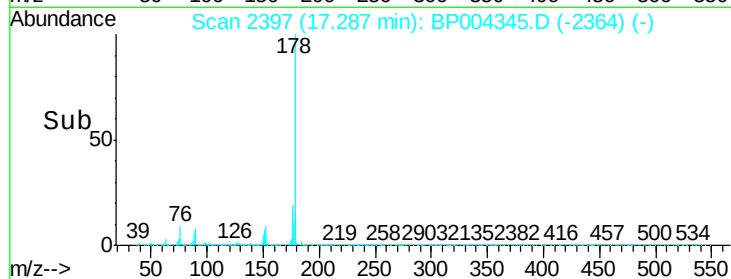
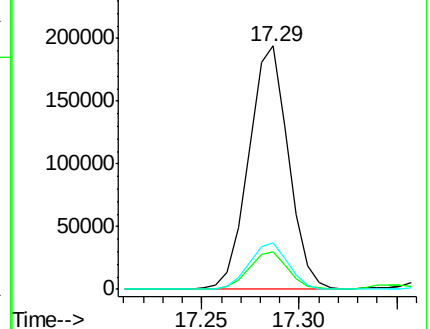
176 19.2 15.4 23.0



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: 5.315 ng/ul

RT: 19.26 min Scan# 2732

Delta R.T. -0.01 min

Lab File: BP004345.D

Acq: 17 Dec 2020 17:40

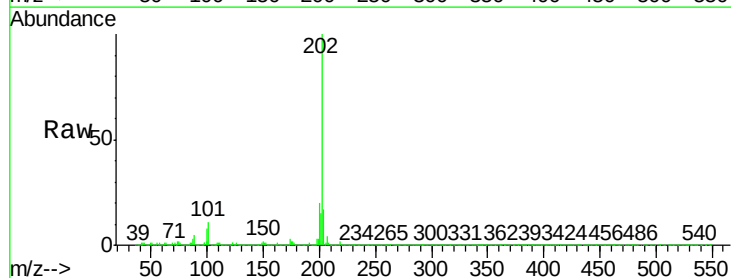
Tgt Ion:202 Resp: 400275

Ion Ratio Lower Upper

202 100

101 10.9 9.1 13.7

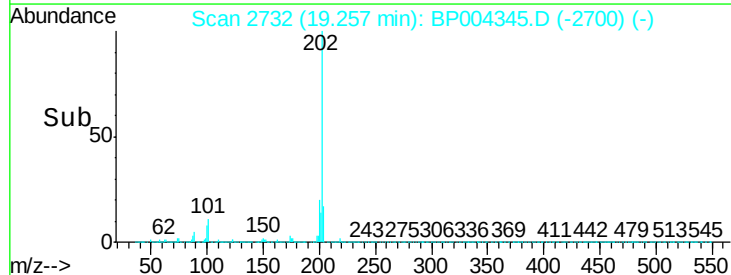
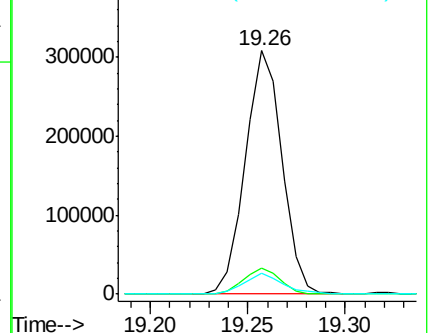
100 8.5 7.1 10.7

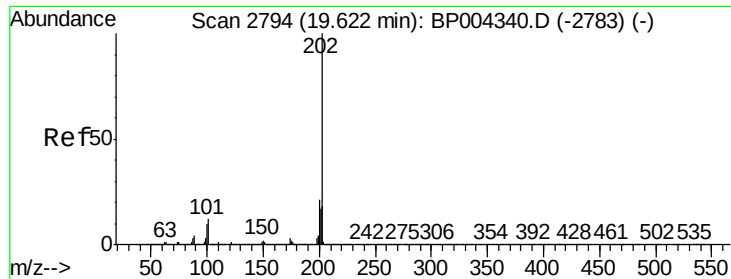


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

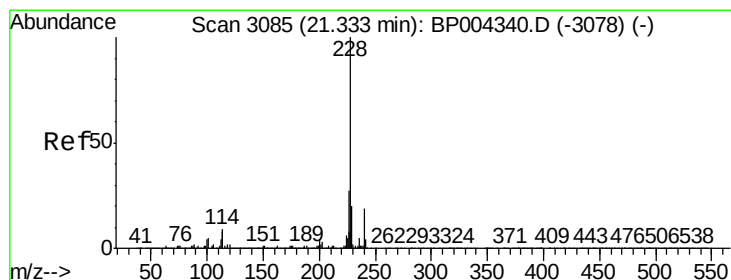
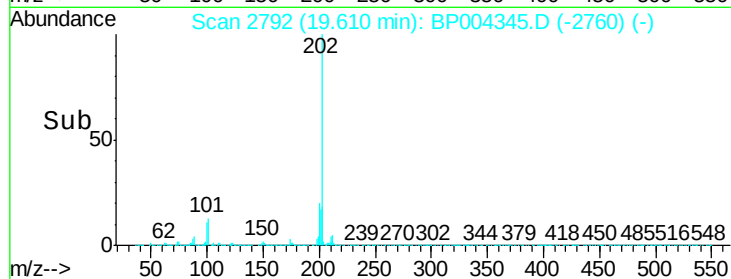
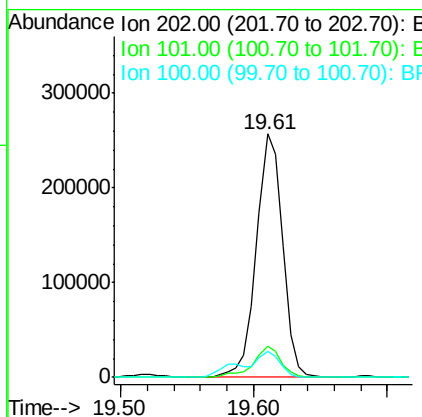
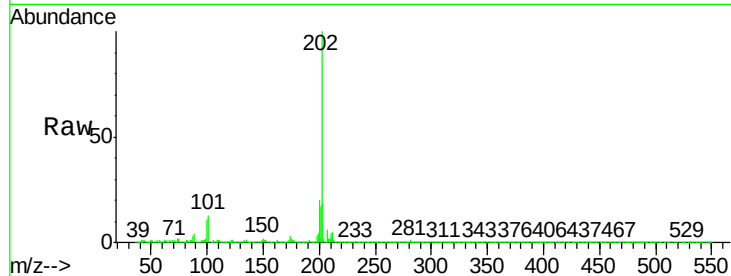




#80
 Pvrene
 Concen: 4.176 ng/ul
 RT: 19.61 min Scan# 2792
 Delta R.T. -0.01 min
 Lab File: BP004345.D
 Acq: 17 Dec 2020 17:40

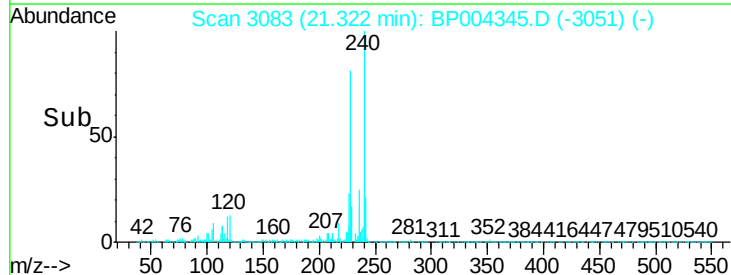
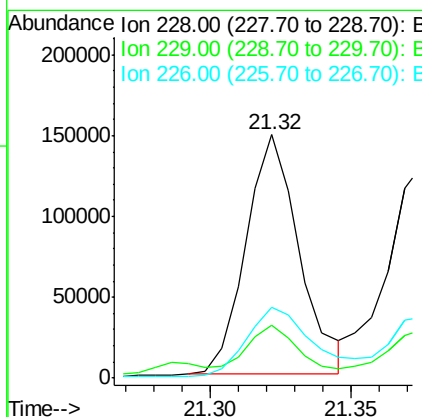
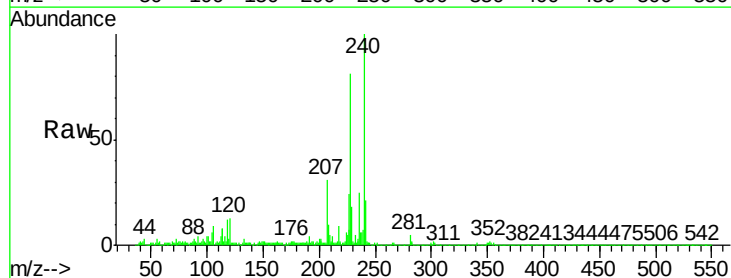
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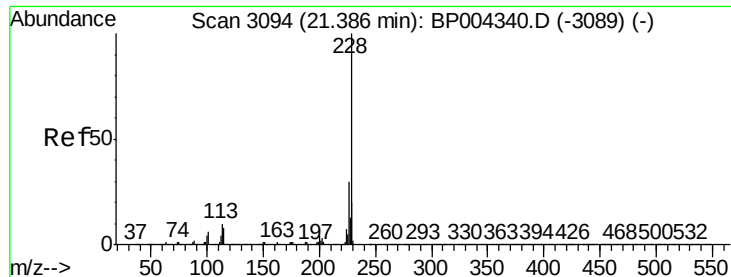
Tot Ion:	202	Resp:	345516
Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.6	15.8
100	10.7	8.6	12.8



#83
 Benzo(a)anthracene
 Concen: 2.399 ng/ul
 RT: 21.32 min Scan# 3083
 Delta R.T. -0.01 min
 Lab File: BP004345.D
 Acq: 17 Dec 2020 17:40

Tgt Ion:	228	Resp:	193951
Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.8	23.8
226	28.9	21.7	32.5





#85

Chrysene

Concen: 2.241 ng/ul

RT: 21.37 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BP004345.D

Acq: 17 Dec 2020 17:40

Instrument :

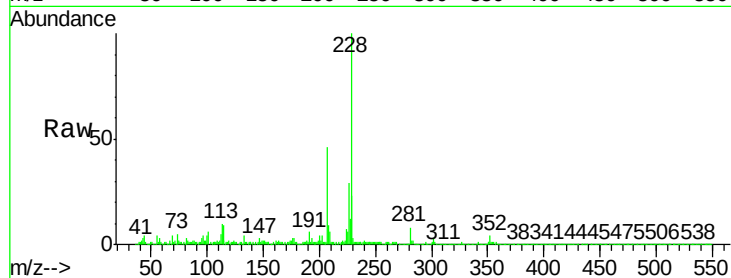
BNA_P

ClientSampleId :

A54E5

Tot Ion:228 Resp: 177741

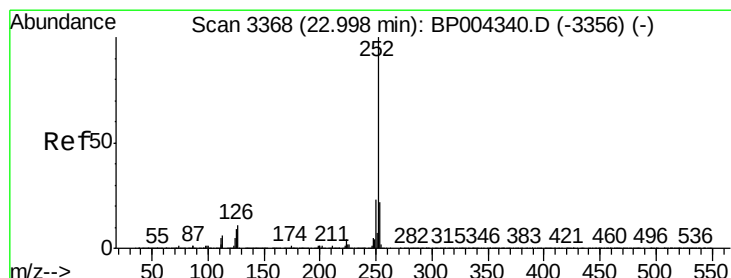
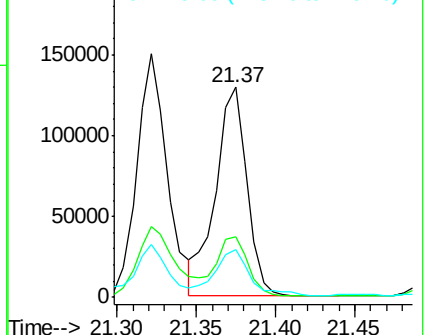
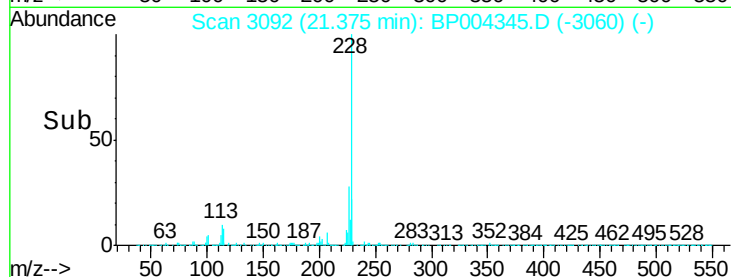
Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.2	36.2
229	22.9	15.8	23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#88

Benzo(b)fluoranthene

Concen: 2.693 ng/ul

RT: 22.99 min Scan# 3366

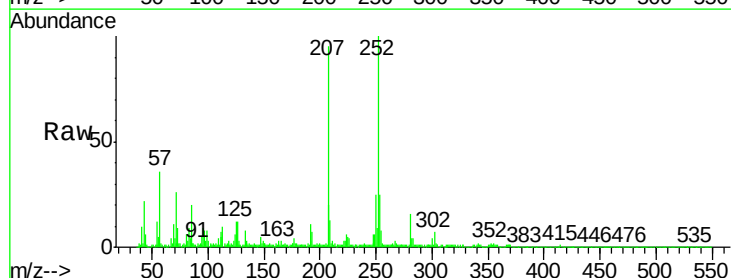
Delta R.T. -0.01 min

Lab File: BP004345.D

Acq: 17 Dec 2020 17:40

Tgt Ion:252 Resp: 224574

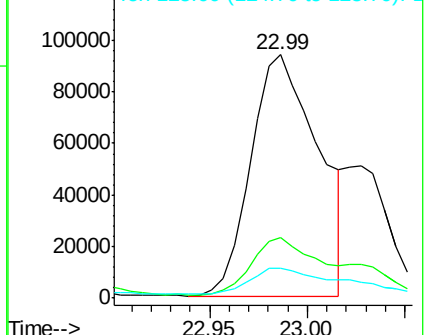
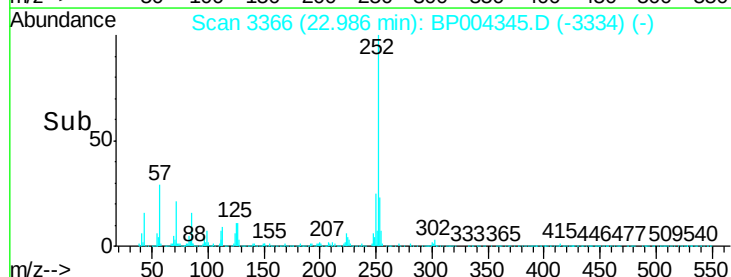
Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.6	26.4
125	12.5	7.7	11.5

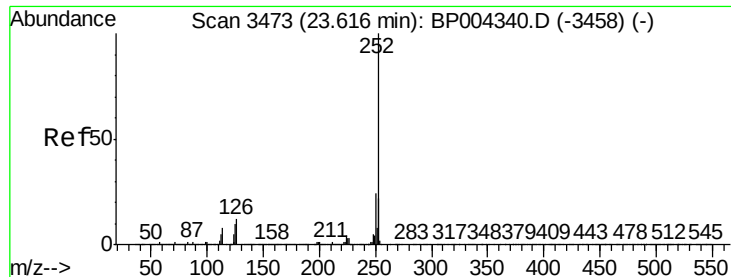


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 2.119 ng/ul

RT: 23.59 min Scan# 3469

Delta R.T. -0.02 min

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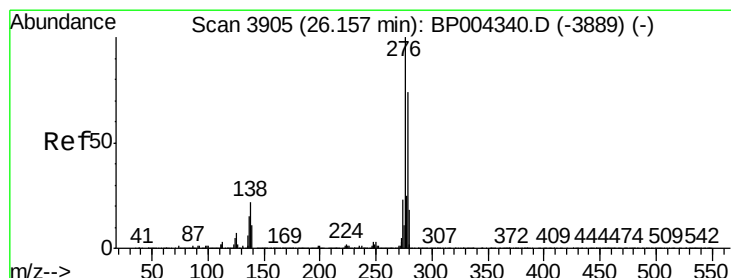
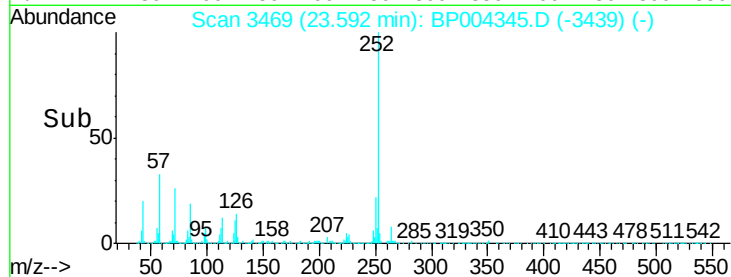
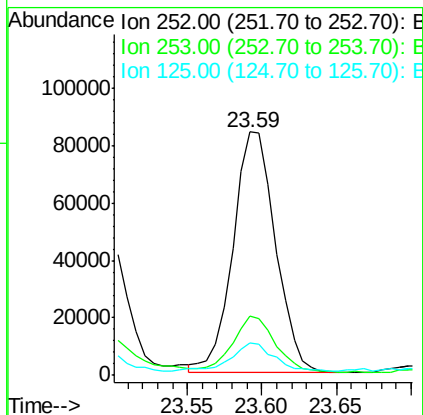
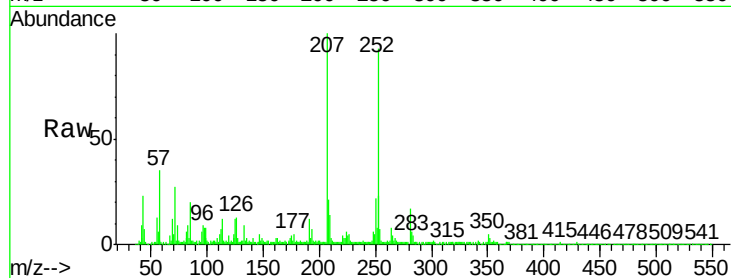
Tot Ion:252 Resp: 164846

Ion Ratio Lower Upper

252 100

253 24.3 17.3 25.9

125 13.1 7.8 11.6#



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.102 ng/ul

RT: 26.13 min Scan# 3900

Delta R.T. -0.03 min

Lab File: BP004345.D

Acq: 17 Dec 2020 17:40

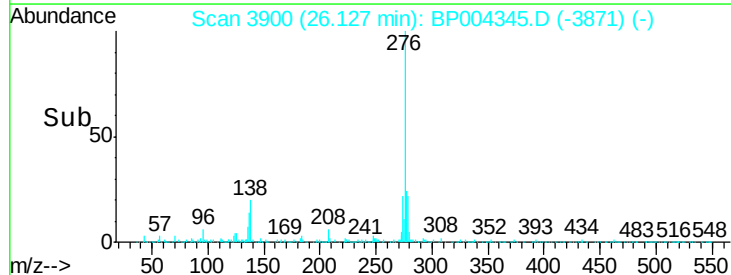
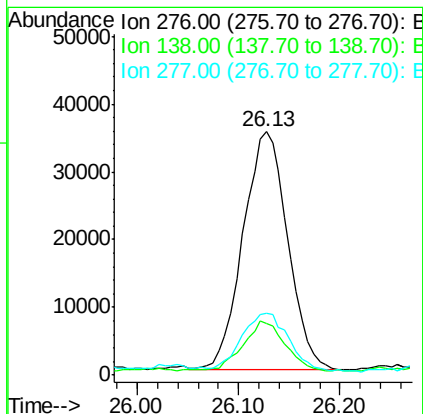
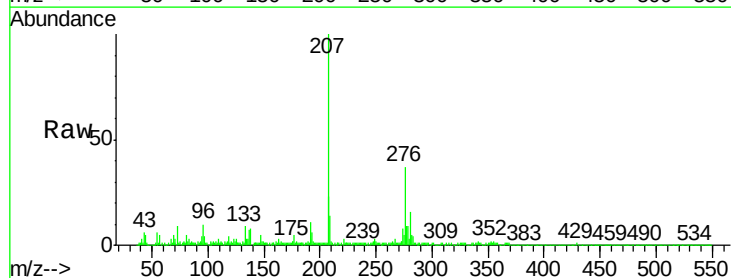
Tgt Ion:276 Resp: 107507

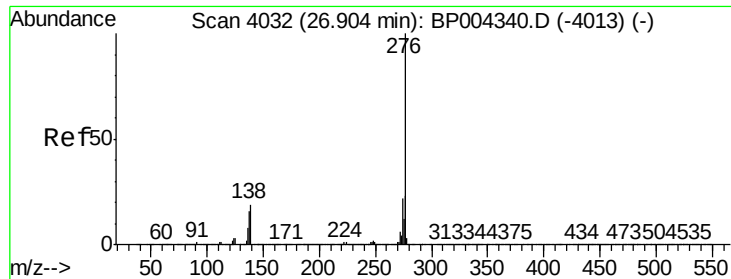
Ion Ratio Lower Upper

276 100

138 21.2 17.8 26.6

277 25.5 19.8 29.6





#94

Benzo(a,h,i)perylene

Concen: 1.156 ng/ul

RT: 26.87 min Scan# 4027

Delta R.T. -0.03 min

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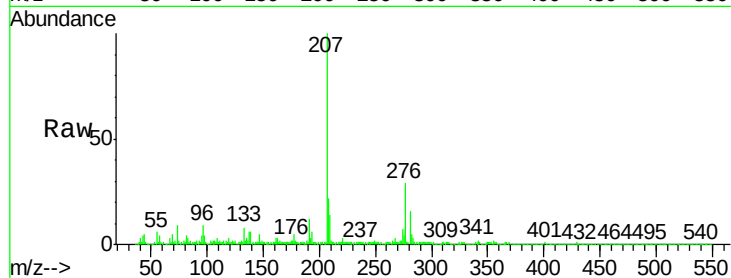
Tot Ion: 276 Resp: 94662

Ion Ratio Lower Upper

276 100

138 19.4 16.6 25.0

277 24.2 18.5 27.7



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

