

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP121420\
 Data File : BP004311.D
 Acq On : 15 Dec 2020 19:08
 Operator : CG/JU
 Sample : L5001-04
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54C2

Quant Time: Dec 16 00:26:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 15 09:00:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	235609	20.00	ng/ul	0.01
18) Naphthalene-d8	10.64	136	953712	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	575017	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.25	188	1239348	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	1188232	20.00	ng/ul	0.00
86) Perylene-d12	23.72	264	1365677	20.00	ng/ul	0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	9126	1.36	ng/uL	0.00
5) Phenol-d5	7.00	99	329468	16.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	180364	14.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	268607	18.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	257736	17.50	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	134081	17.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	143612	22.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	267611	18.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	291620	16.61	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	753985	17.16	ng/ul	0.00
47) Acenaphthylene-d8	14.18	160	1004586	17.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.69	143	111706	15.05	ng/ul	0.00
58) Fluorene-d10	15.49	176	674809	16.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.62	200	61474	10.34	ng/ul	0.01
71) Anthracene-d10	17.35	188	1055506	17.47	ng/ul	0.00
79) Pyrene-d10	19.59	212	1159550	18.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.57	264	1251615	17.40	ng/ul	0.02

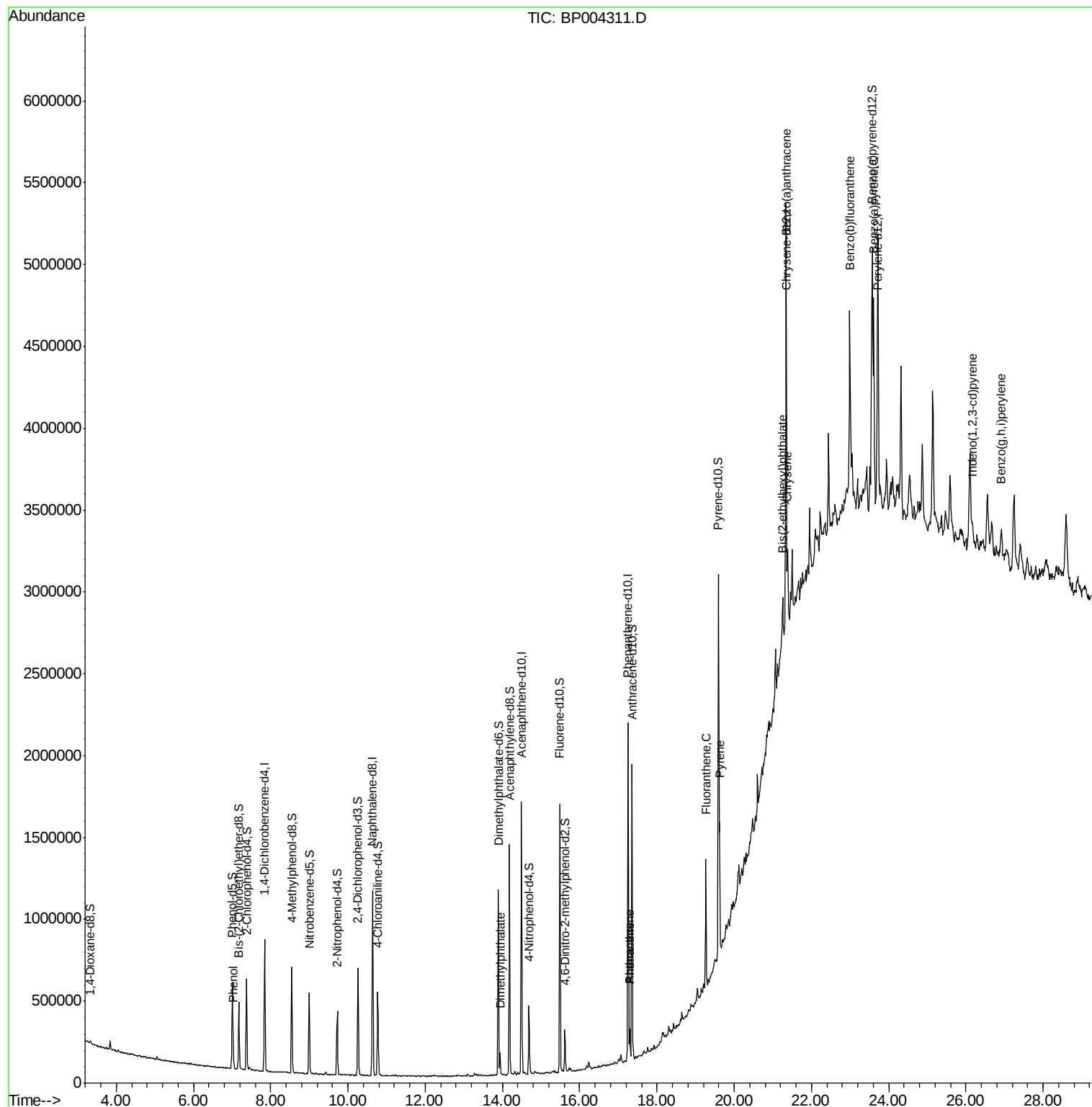
Target Compounds				Ovalue		
6) Phenol	7.03	94	39540	1.943	ng/ul	98
45) Dimethylphthalate	13.94	163	85029	1.900	ng/ul	99
70) Phenanthrene	17.29	178	116952	1.600	ng/ul	99
72) Anthracene	17.29	178	116854	1.615	ng/ul	100
77) Fluoranthene	19.27	202	469933	6.019	ng/ul	97
80) Pyrene	19.62	202	461582	5.759	ng/ul	97
83) Benzo(a)anthracene	21.33	228	226450	2.891	ng/ul#	92
84) Bis(2-ethylhexyl)phthalate	21.26	149	65974	1.842	ng/ul#	88
85) Chrysene	21.38	228	290587	3.782	ng/ul#	93
88) Benzo(b)fluoranthene	23.00	252	497003	5.739	ng/ul#	82
91) Benzo(a)pyrene	23.62	252	294230	3.641	ng/ul#	80
92) Indeno(1,2,3-cd)pyrene	26.16	276	260947	2.575	ng/ul#	91
94) Benzo(g,h,i)perylene	26.92	276	206651	2.430	ng/ul#	88

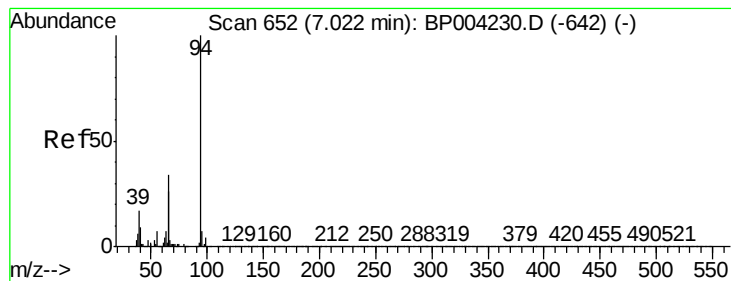
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.943 ng/ul

RT: 7.03 min Scan# 654

Delta R.T. 0.01 min

Lab File: BP004311.D

Acq: 15 Dec 2020 19:08

Instrument :

BNA_P

ClientSampleId :

A54C2

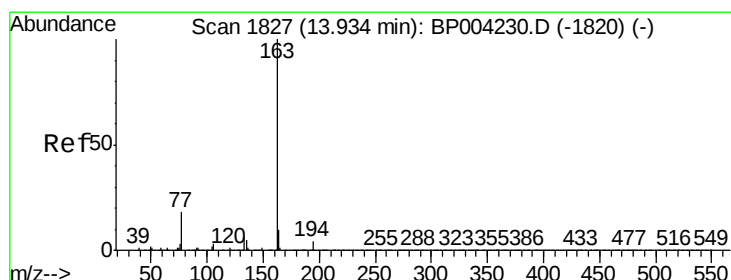
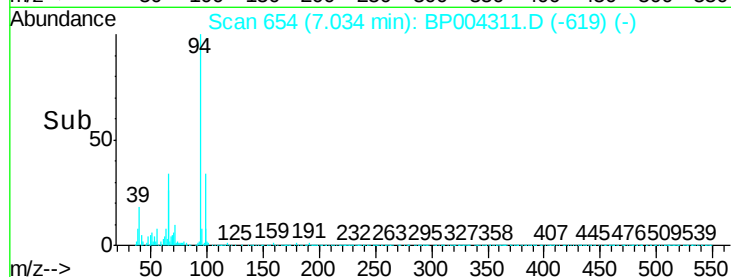
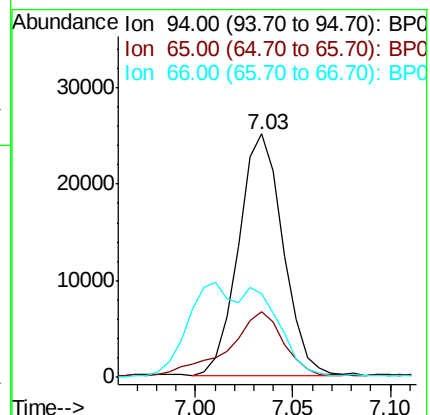
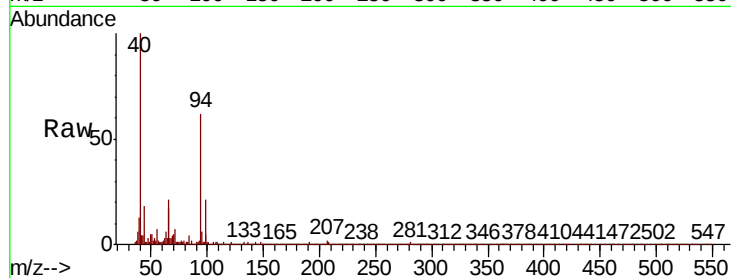
Tot Ion: 94 Resp: 39540

Ion Ratio Lower Upper

94 100

65 26.9 20.8 31.2

66 34.1 26.5 39.7



#45

Dimethylphthalate

Concen: 1.900 ng/ul

RT: 13.94 min Scan# 1828

Delta R.T. -0.00 min

Lab File: BP004311.D

Acq: 15 Dec 2020 19:08

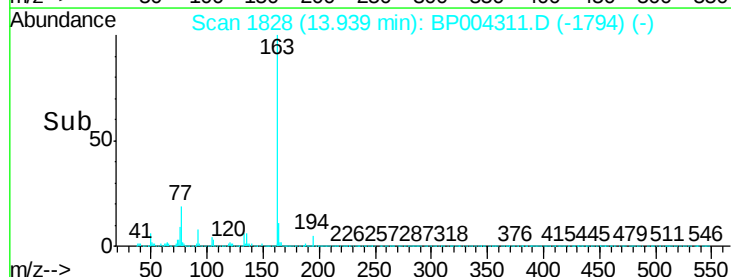
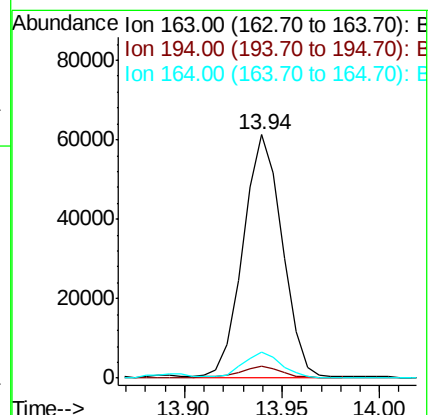
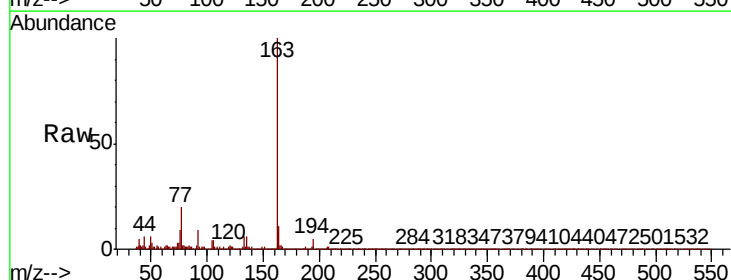
Tgt Ion: 163 Resp: 85029

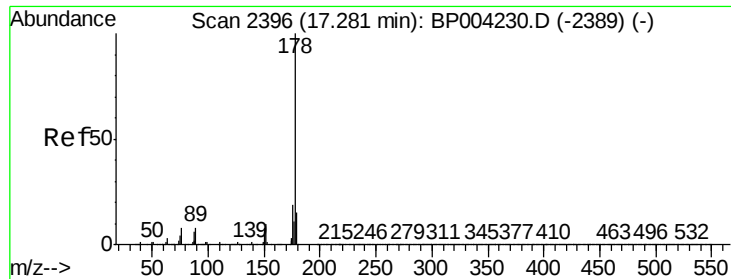
Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

164 10.9 8.4 12.6





#70

Phenanthrene

Concen: 1.600 ng/ul

RT: 17.29 min Scan# 2398

Delta R.T. 0.01 min

Lab File: BP004311.D

Acq: 15 Dec 2020 19:08

Instrument :

BNA_P

ClientSampleId :

A54C2

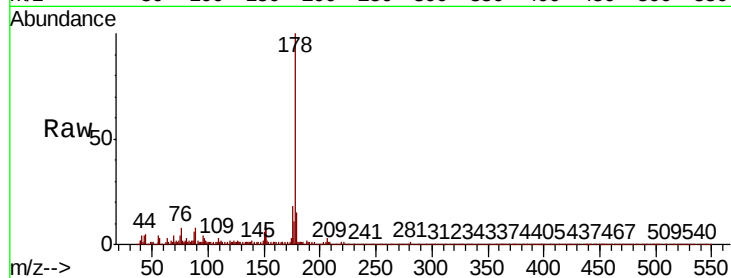
Tot Ion:178 Resp: 116952

Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

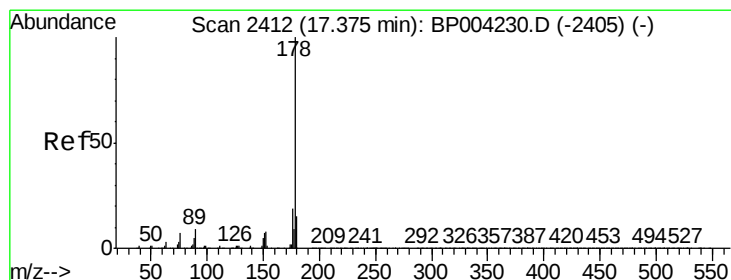
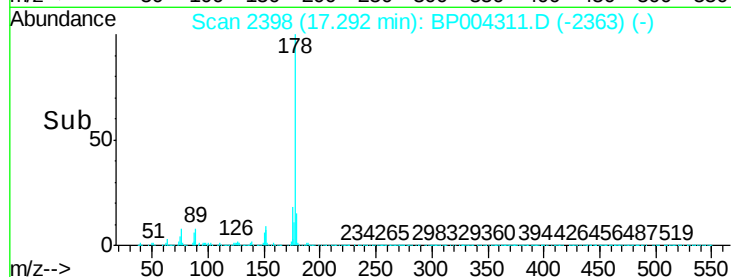
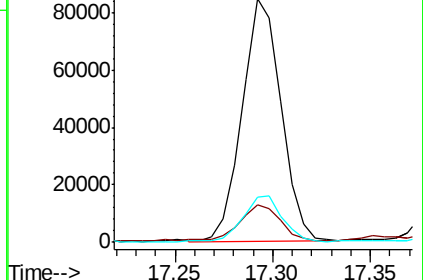
176 18.4 15.4 23.0



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



#72

Anthracene

Concen: 1.615 ng/ul

RT: 17.29 min Scan# 2398

Delta R.T. -0.09 min

Lab File: BP004311.D

Acq: 15 Dec 2020 19:08

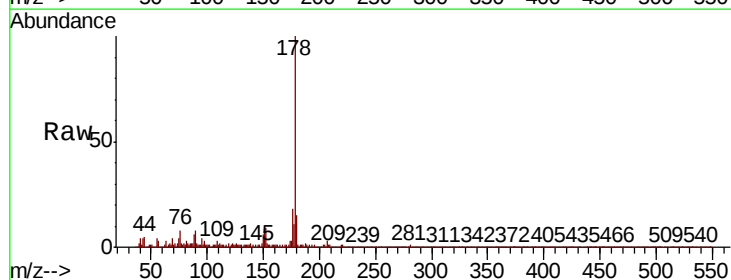
Tgt Ion:178 Resp: 116854

Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

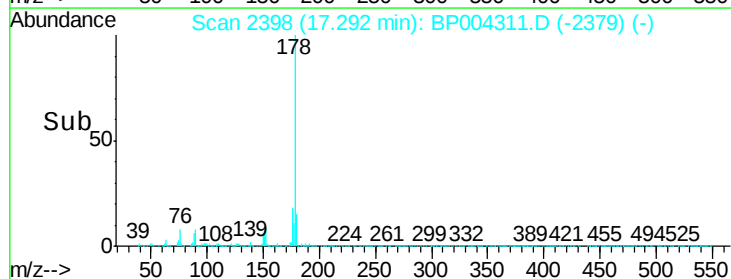
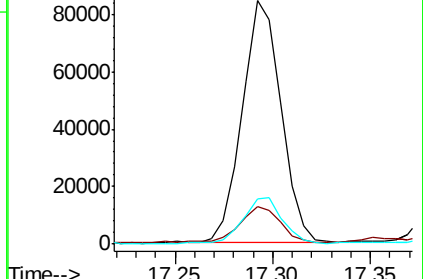
176 18.4 14.9 22.3

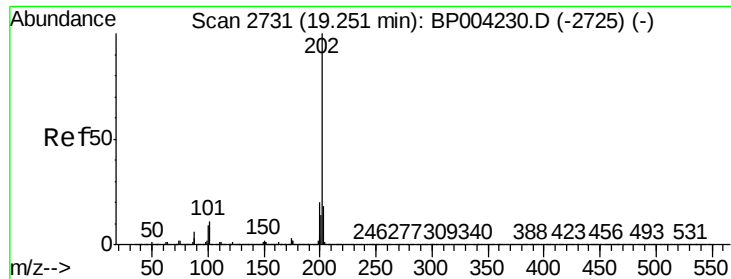


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

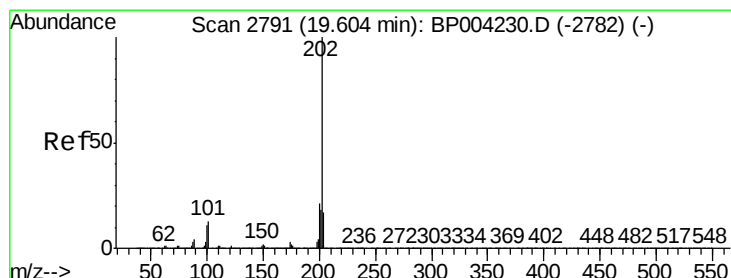
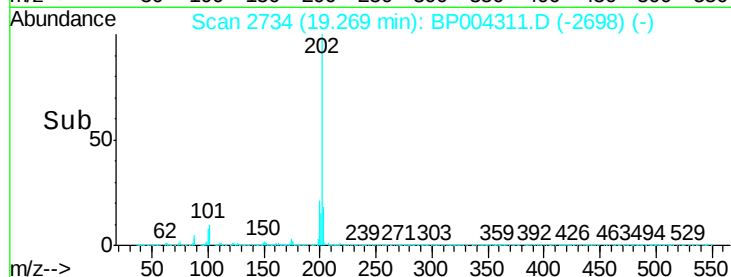
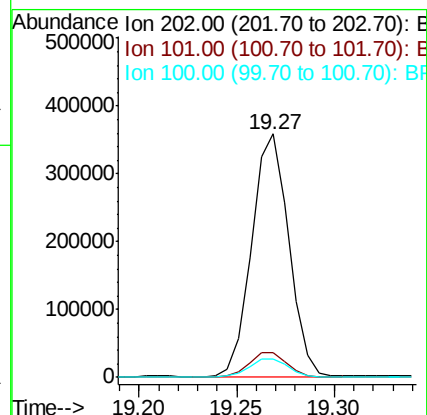
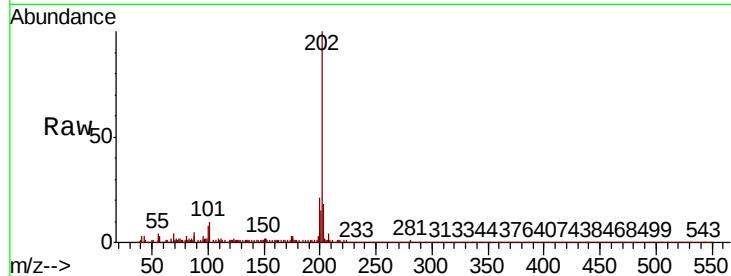




#77
 Fluoranthene
 Concen: 6.019 ng/ul
 RT: 19.27 min Scan# 2734
 Delta R.T. 0.01 min
 Lab File: BP004311.D
 Acq: 15 Dec 2020 19:08

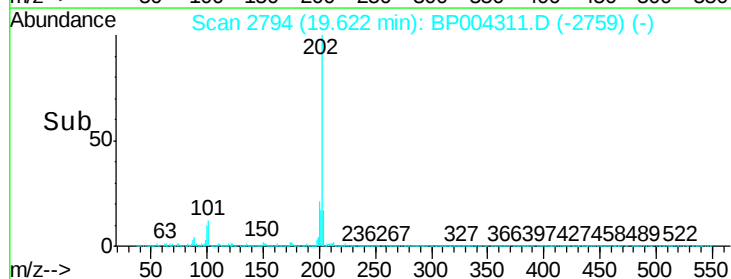
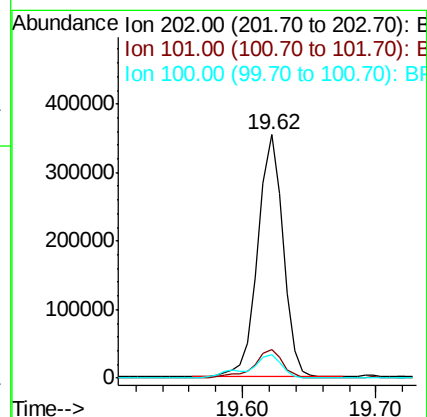
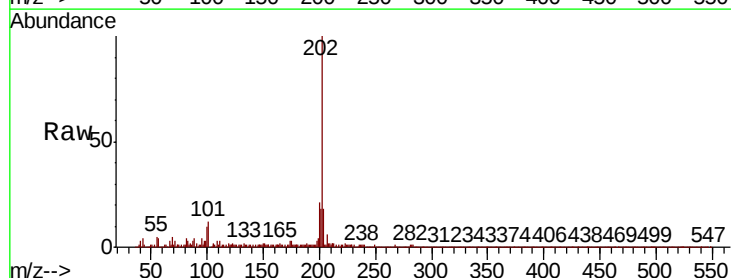
Instrument :
 BNA_P
 ClientSampleId :
 A54C2

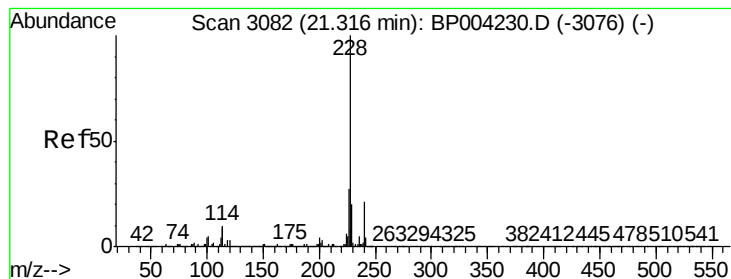
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.1	9.1	13.7
100	7.7	7.1	10.7



#80
 Pyrene
 Concen: 5.759 ng/ul
 RT: 19.62 min Scan# 2794
 Delta R.T. 0.01 min
 Lab File: BP004311.D
 Acq: 15 Dec 2020 19:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	10.6	15.8
100	9.7	8.6	12.8





#83

Benzo(a)anthracene

Concen: 2.891 ng/ul

RT: 21.33 min Scan# 3085

Delta R.T. 0.01 min

Lab File: BP004311.D

Acq: 15 Dec 2020 19:08

Instrument :

BNA_P

ClientSampleId :

A54C2

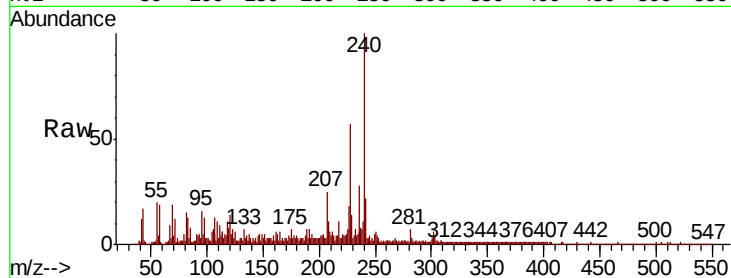
Tot Ion:228 Resp: 226450

Ion Ratio Lower Upper

228 100

229 24.9 15.8 23.8#

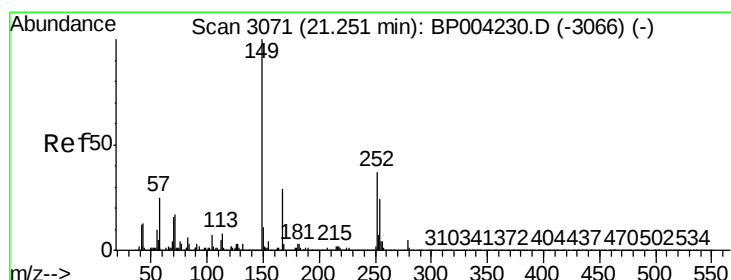
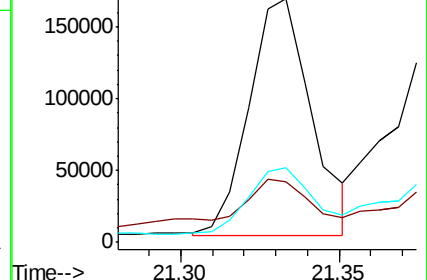
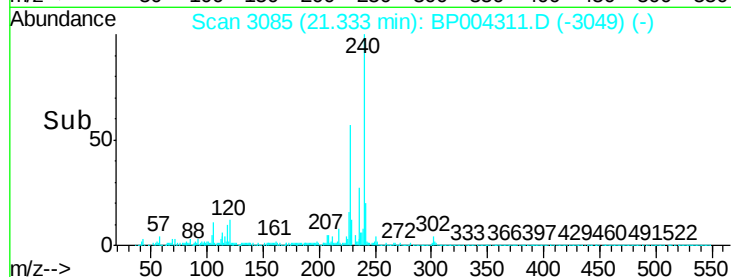
226 30.5 21.7 32.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 1.842 ng/ul

RT: 21.26 min Scan# 3072

Delta R.T. 0.01 min

Lab File: BP004311.D

Acq: 15 Dec 2020 19:08

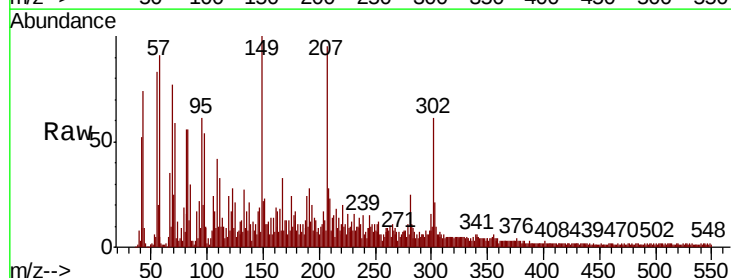
Tgt Ion:149 Resp: 65974

Ion Ratio Lower Upper

149 100

167 33.1 22.2 33.4

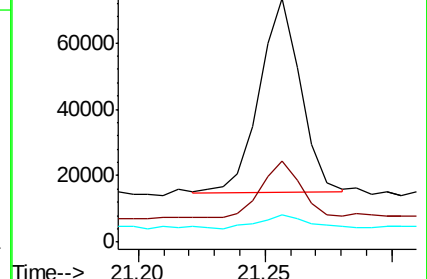
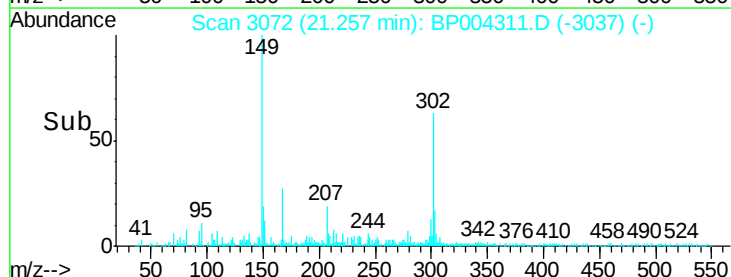
279 11.1 3.6 5.4#

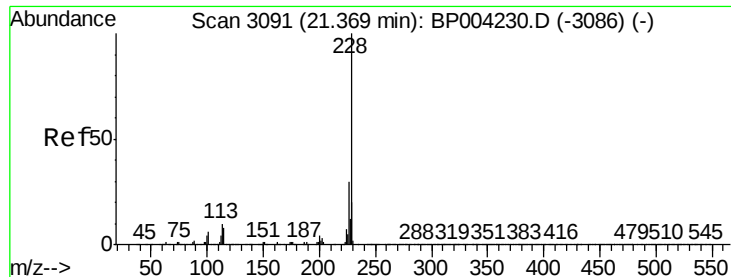


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 3.782 ng/ul

RT: 21.38 min Scan# 3093

Delta R.T. 0.01 min

Lab File: BP004311.D

Acq: 15 Dec 2020 19:08

Instrument :

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ClientSampleId :

A54C2

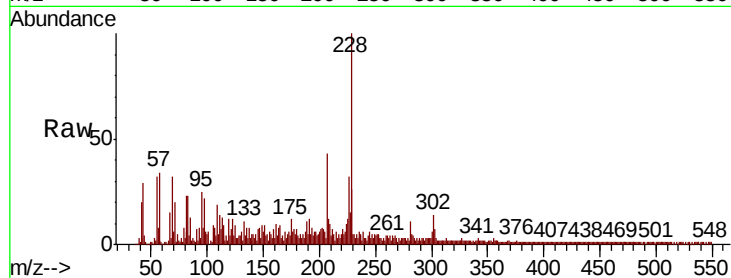
Tot Ion:228 Resp: 290587

Ion Ratio Lower Upper

228 100

226 32.1 24.2 36.2

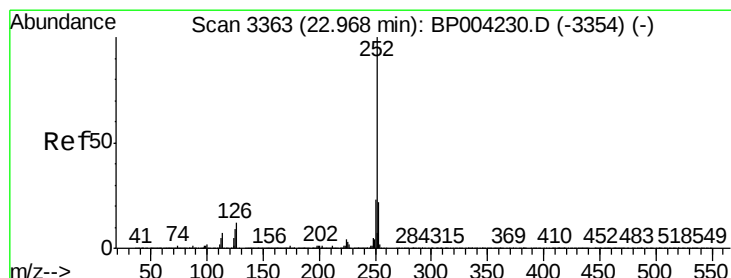
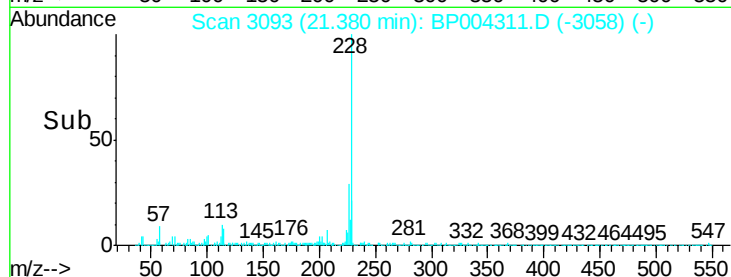
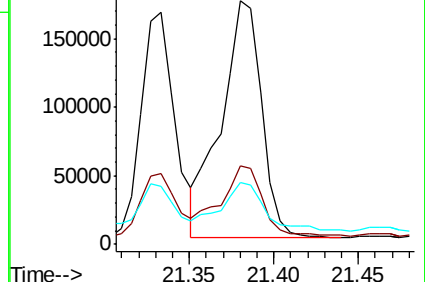
229 25.6 15.8 23.8#



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: 5.739 ng/ul

RT: 23.00 min Scan# 3369

Delta R.T. 0.02 min

Lab File: BP004311.D

Acq: 15 Dec 2020 19:08

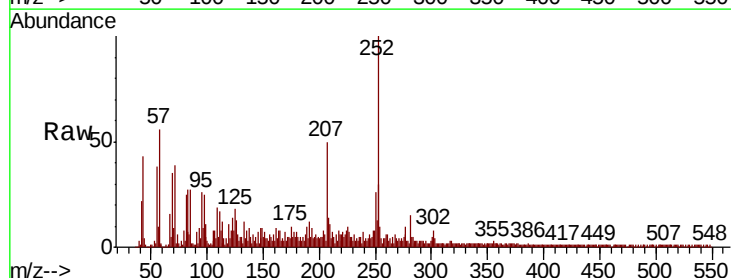
Tgt Ion:252 Resp: 497003

Ion Ratio Lower Upper

252 100

253 29.7 17.6 26.4#

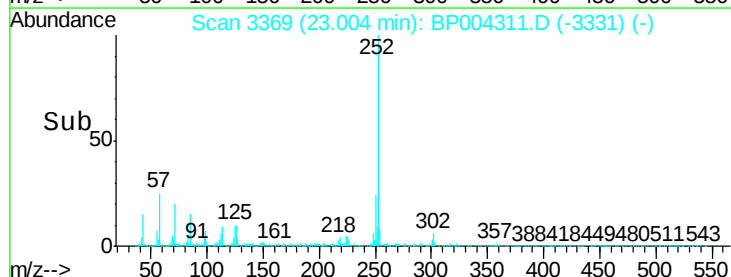
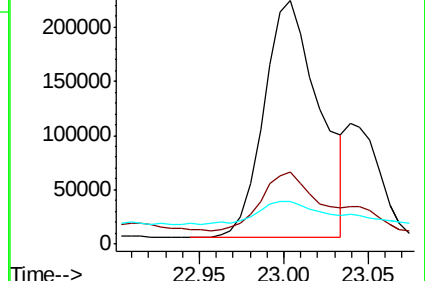
125 17.7 7.7 11.5#

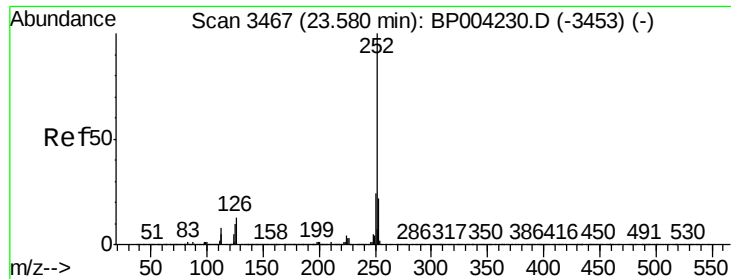


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 3.641 ng/ul

RT: 23.62 min Scan# 3473

Delta R.T. 0.02 min

Lab File: BP004311.D

Acq: 15 Dec 2020 19:08

Instrument :

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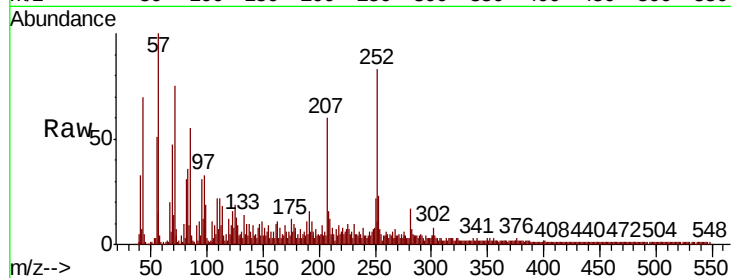
Tot Ion:252 Resp: 294230

Ion Ratio Lower Upper

252 100

253 28.0 17.3 25.9#

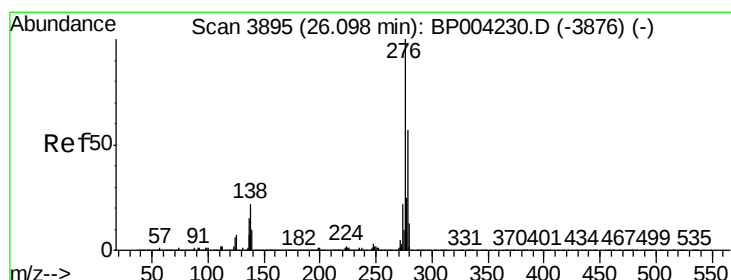
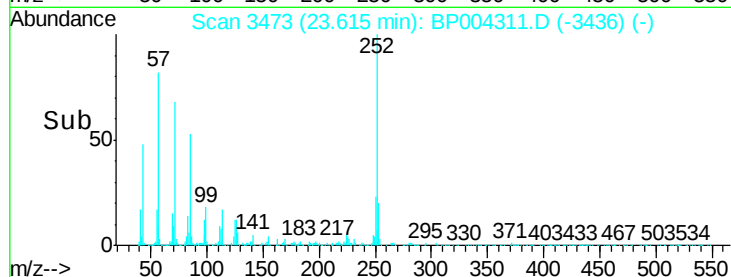
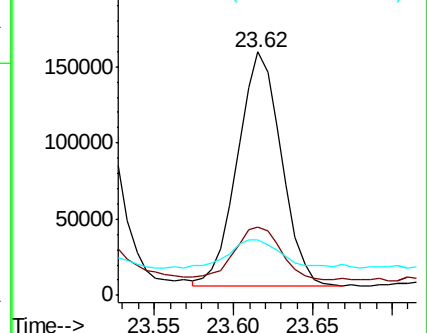
125 22.8 7.8 11.6#



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 2.575 ng/ul

RT: 26.16 min Scan# 3906

Delta R.T. 0.02 min

Lab File: BP004311.D

Acq: 15 Dec 2020 19:08

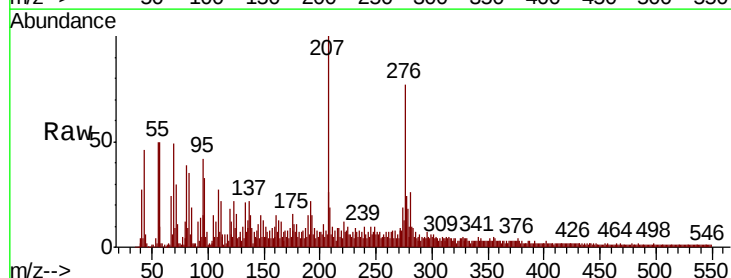
Tgt Ion:276 Resp: 260947

Ion Ratio Lower Upper

276 100

138 19.7 17.8 26.6

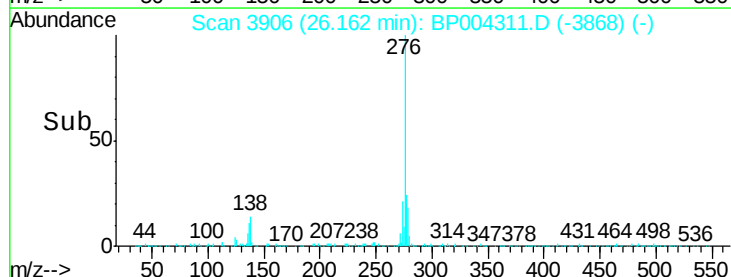
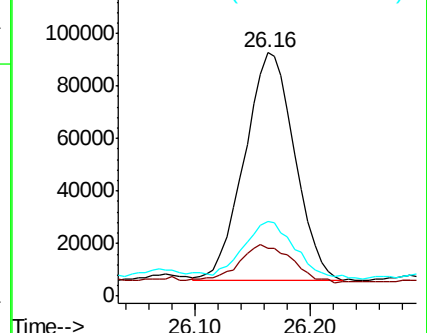
277 30.8 19.8 29.6#

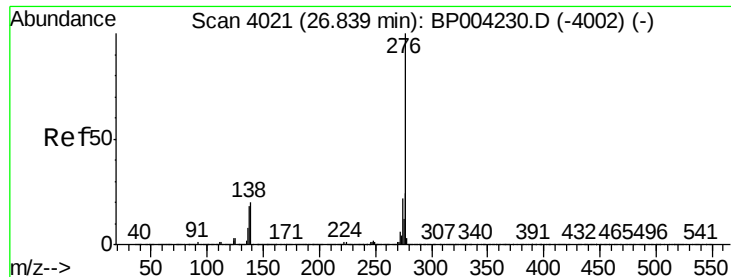


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(a,h,i)perylene

Concen: 2.430 ng/ul

RT: 26.92 min Scan# 4035

Delta R.T. 0.04 min

Lab File: BP004311.D

Acq: 15 Dec 2020 19:08

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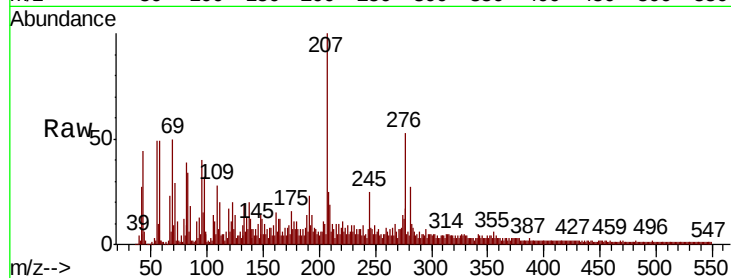
Tot Ion:276 Resp: 206651

Ion Ratio Lower Upper

276 100

138 23.5 16.6 25.0

277 31.7 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

