

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP121420\
 Data File : BP004295.D
 Acq On : 15 Dec 2020 03:40
 Operator : CG/JU
 Sample : L5001-21
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54D9

Quant Time: Dec 15 04:16:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 15 01:07:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	382163	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1644450	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.48	164	1028518	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.24	188	2219585	20.00	ng/ul	0.01
78) Chrysene-d12	21.34	240	2118373	20.00	ng/ul	0.02
86) Perylene-d12	23.70	264	2273136	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	19245	1.77	ng/uL	0.00
5) Phenol-d5	7.00	99	450706	14.26	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	251510	12.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	362665	15.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	358588	15.01	ng/ul	0.01
19) Nitrobenzene-d5	8.99	128	188616	14.01	ng/ul	0.01
22) 2-Nitrophenol-d4	9.72	143	201155	18.11	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.25	165	380210	15.57	ng/ul	0.01
29) 4-Chloroaniline-d4	10.76	131	497167	16.42	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	1136075	14.45	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	1497913	14.93	ng/ul	0.01
52) 4-Nitrophenol-d4	14.67	143	143929	10.84	ng/ul	0.02
58) Fluorene-d10	15.48	176	1003796	14.10	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.60	200	44730	4.20	ng/ul	0.02
71) Anthracene-d10	17.34	188	1568460	14.50	ng/ul	0.01
79) Pyrene-d10	19.59	212	1794577	16.26	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.55	264	1833992	15.32	ng/ul	0.03

Target Compounds

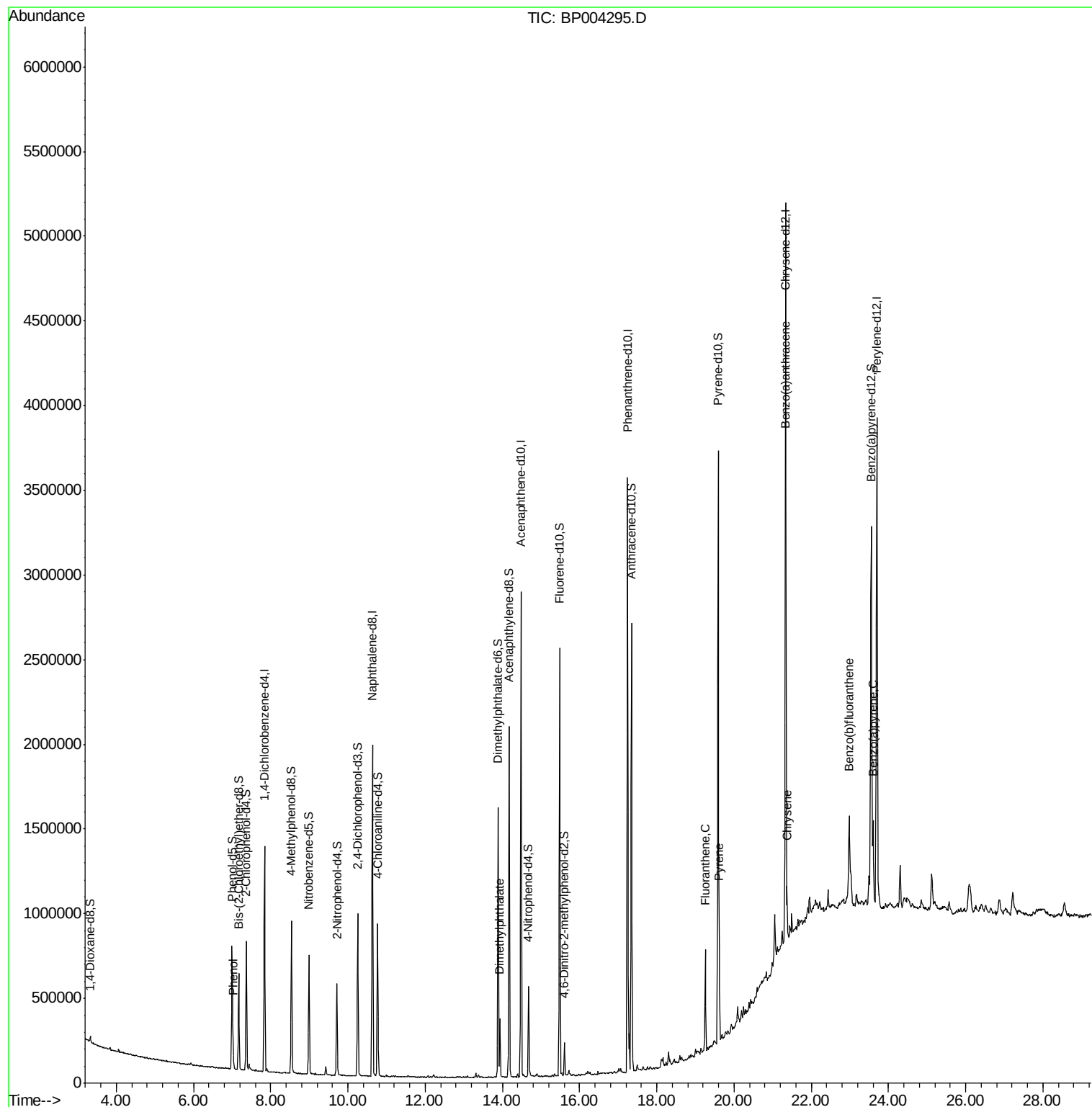
					Ovalue
6) Phenol	7.03	94	56117	1.700	ng/ul 96
45) Dimethylphthalate	13.93	163	216790	2.708	ng/ul 99
77) Fluoranthene	19.26	202	342499	2.450	ng/ul 98
80) Pyrene	19.61	202	357661	2.503	ng/ul 99
83) Benzo(a)anthracene	21.32	228	198459	1.421	ng/ul 96
85) Chrysene	21.37	228	179326	1.309	ng/ul 97
88) Benzo(b)fluoranthene	22.99	252	270190	1.874	ng/ul# 92
91) Benzo(a)pyrene	23.60	252	202140	1.503	ng/ul# 94

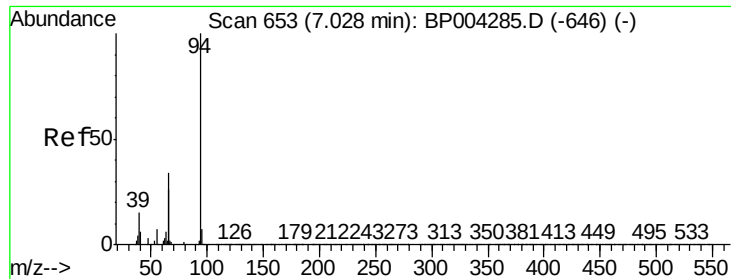
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.700 ng/ul

RT: 7.03 min Scan# 653

Delta R.T. 0.01 min

Lab File: BP004295.D

Acq: 15 Dec 2020 03:40

Instrument :

BNA_P

ClientSampleId :

A54D9

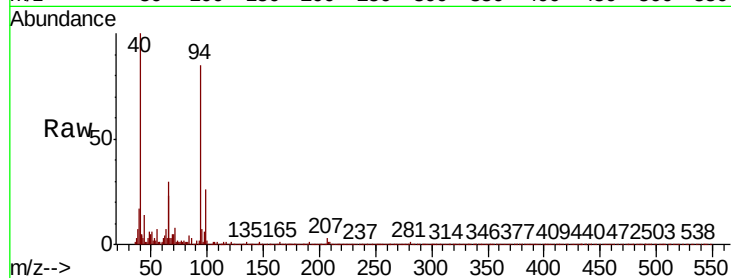
Tot Ion: 94 Resp: 56117

Ion Ratio Lower Upper

94 100

65 27.4 20.8 31.2

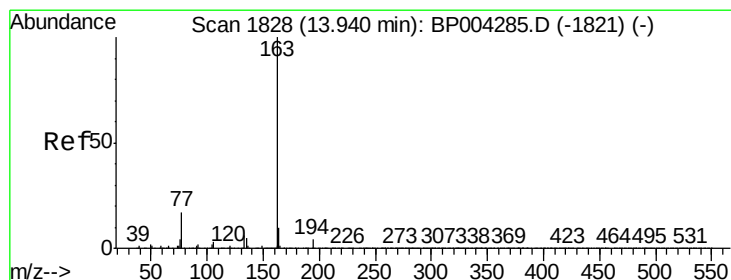
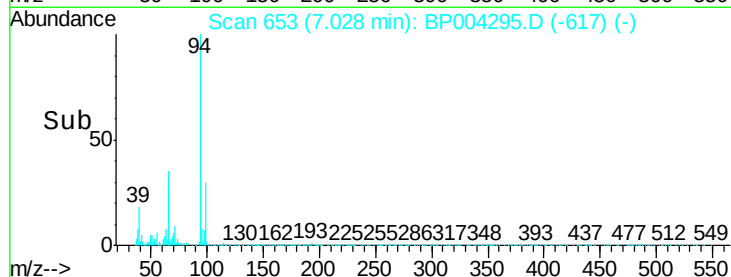
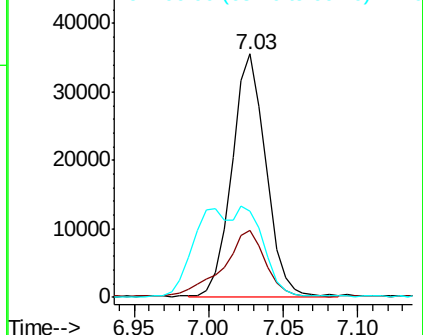
66 35.6 26.5 39.7



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: 2.708 ng/ul

RT: 13.93 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BP004295.D

Acq: 15 Dec 2020 03:40

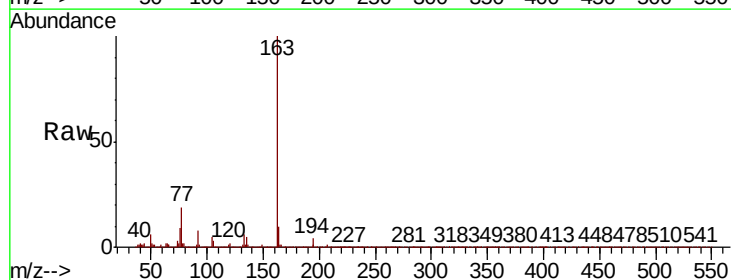
Tgt Ion: 163 Resp: 216790

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

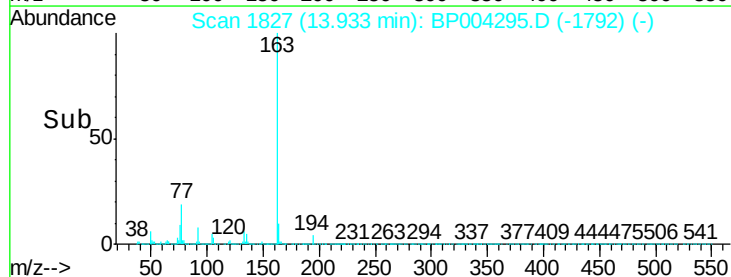
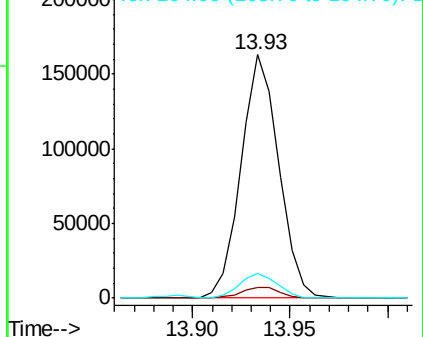
164 10.2 8.4 12.6

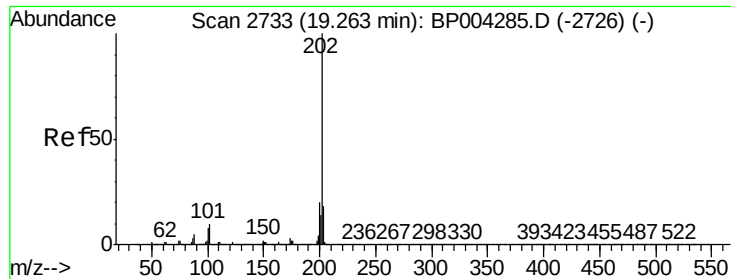


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

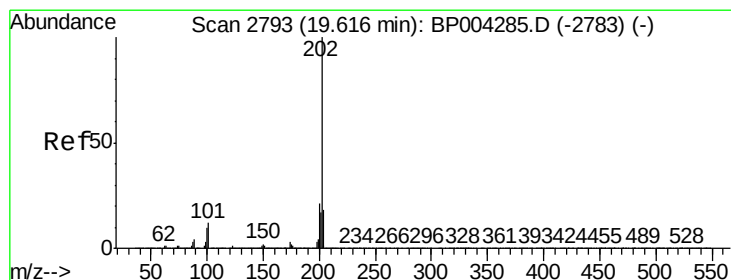
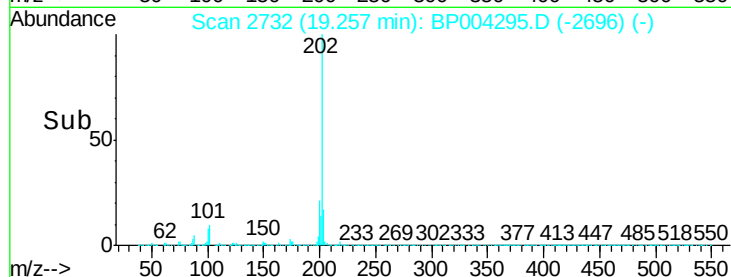
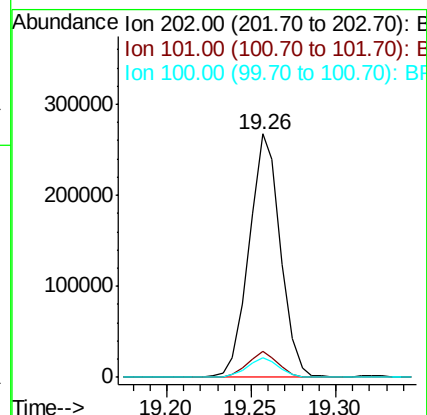
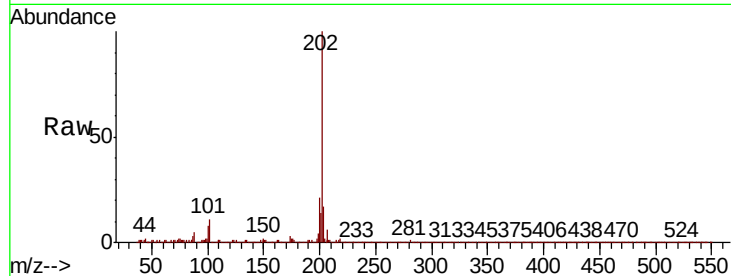




#77
 Fluoranthene
 Concen: 2.450 ng/ul
 RT: 19.26 min Scan# 2732
 Delta R.T. 0.01 min
 Lab File: BP004295.D
 Acq: 15 Dec 2020 03:40

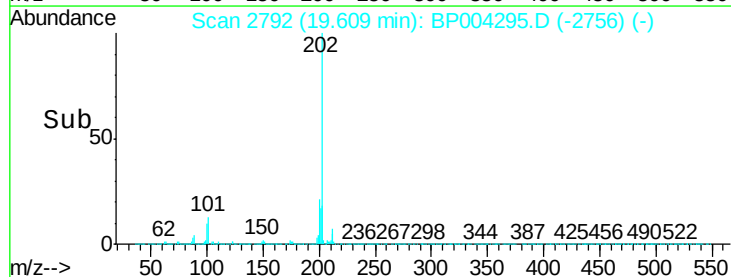
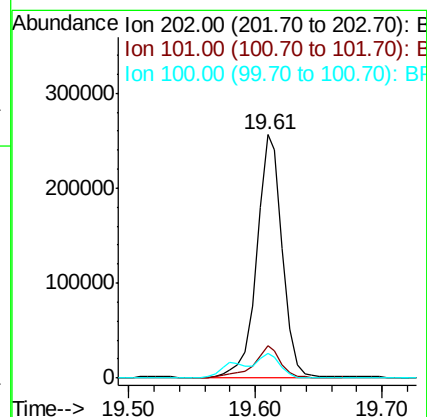
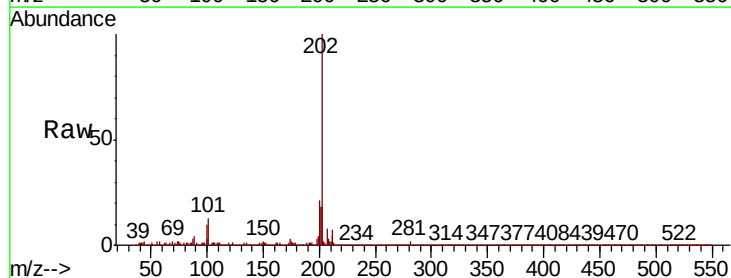
Instrument :
 BNA_P
 ClientSampleId :
 A54D9

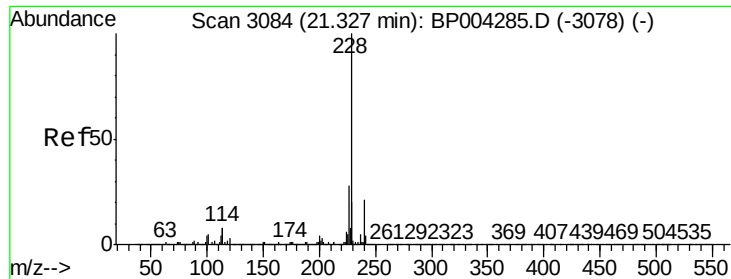
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.6	9.1	13.7
100	8.1	7.1	10.7



#80
 Pyrene
 Concen: 2.503 ng/ul
 RT: 19.61 min Scan# 2792
 Delta R.T. 0.01 min
 Lab File: BP004295.D
 Acq: 15 Dec 2020 03:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.6	15.8
100	10.0	8.6	12.8





#83

Benzo(a)anthracene

Concen: 1.421 ng/ul

RT: 21.32 min Scan# 3083

Delta R.T. 0.01 min

Lab File: BP004295.D

Acq: 15 Dec 2020 03:40

Instrument :

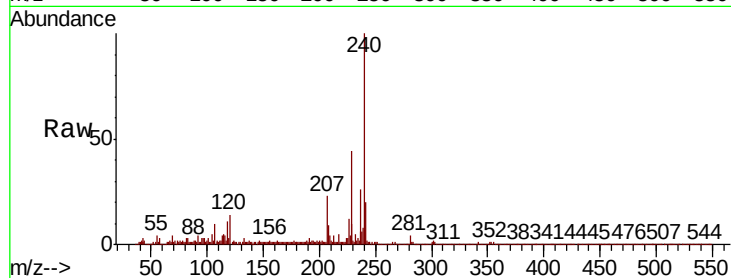
BNA_P

ClientSampleId :

A54D9

Tot Ion:228 Resp: 198459

Ion	Ratio	Lower	Upper
228	100		
229	22.9	15.8	23.8
226	28.2	21.7	32.5

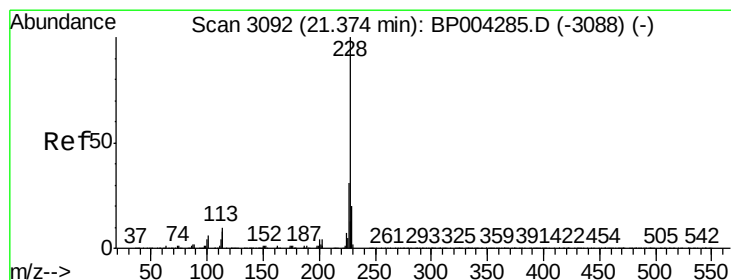
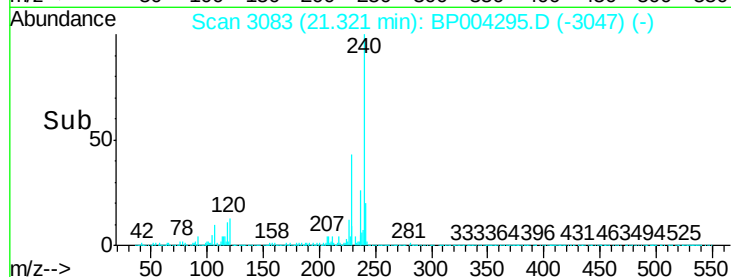
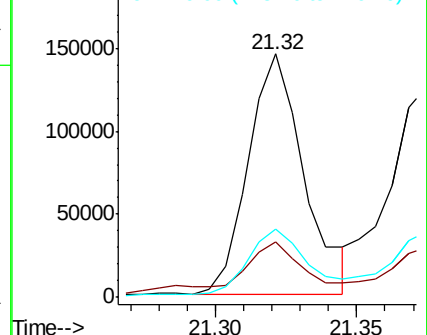


Abundance

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



#85

Chrysene

Concen: 1.309 ng/ul

RT: 21.37 min Scan# 3092

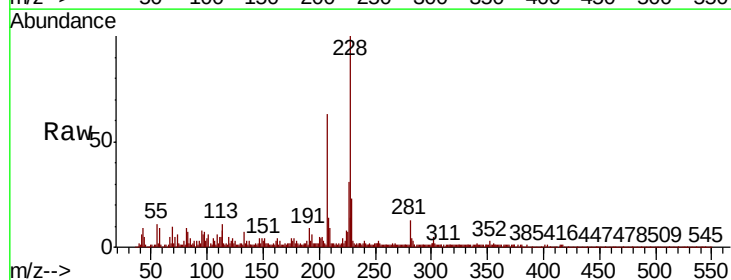
Delta R.T. 0.01 min

Lab File: BP004295.D

Acq: 15 Dec 2020 03:40

Tgt Ion:228 Resp: 179326

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.2
229	23.1	15.8	23.8

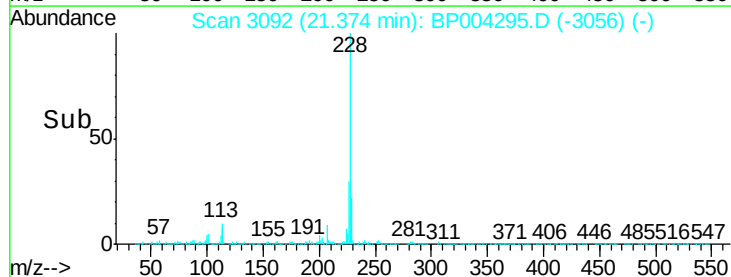
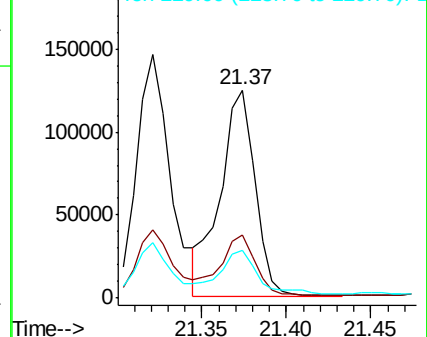


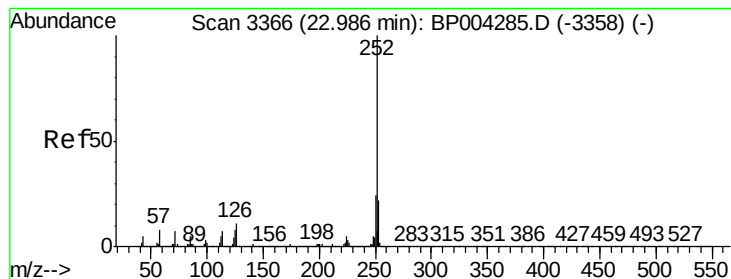
Abundance

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: 1.874 ng/ul

RT: 22.99 min Scan# 3366

Delta R.T. 0.02 min

Lab File: BP004295.D

Acq: 15 Dec 2020 03:40

Instrument :

BNA_P

ClientSampleId :

A54D9

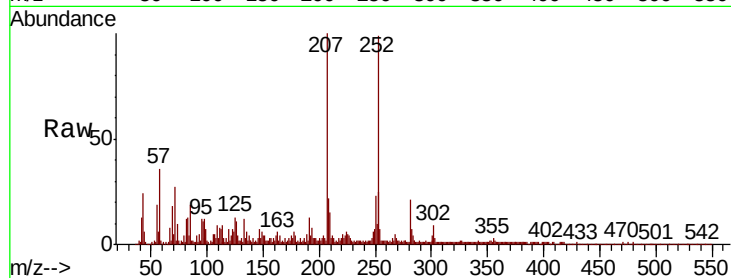
Tot Ion:252 Resp: 270190

Ion Ratio Lower Upper

252 100

253 25.5 17.6 26.4

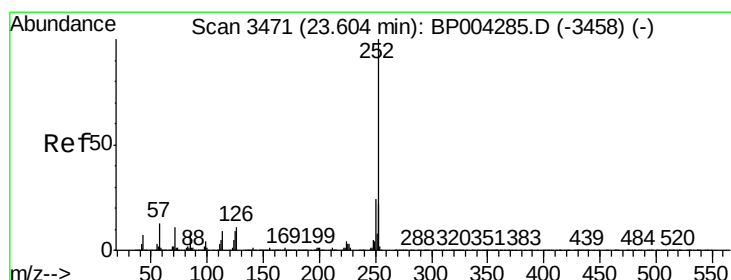
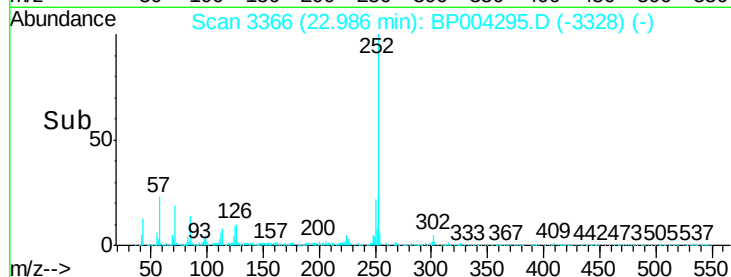
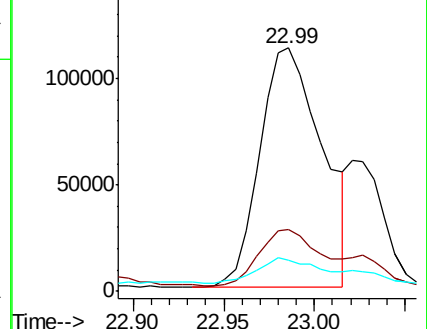
125 12.7 7.7 11.5#



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: 1.503 ng/ul

RT: 23.60 min Scan# 3470

Delta R.T. 0.02 min

Lab File: BP004295.D

Acq: 15 Dec 2020 03:40

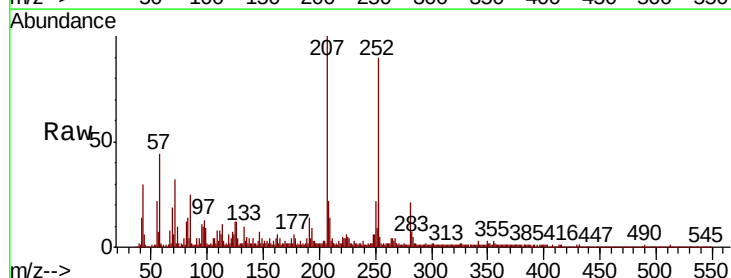
Tgt Ion:252 Resp: 202140

Ion Ratio Lower Upper

252 100

253 23.7 17.3 25.9

125 13.6 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

