

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP121220\
 Data File : BP004234.D
 Acq On : 11 Dec 2020 18:37
 Operator : CG/JU
 Sample : L5000-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54B1

Quant Time: Dec 11 23:59:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 10 13:52:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	393336	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	1602422	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	947072	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	2030973	20.00	ng/ul	0.00
78) Chrysene-d12	21.32	240	2098931	20.00	ng/ul	0.00
86) Perylene-d12	23.67	264	2226827	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	25994	2.32	ng/uL	0.00
5) Phenol-d5	6.99	99	461026	14.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	323245	15.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	394049	15.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	279792	11.38	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	206601	15.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	175235	16.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	359666	15.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	397879	13.49	ng/ul	0.00
44) Dimethylphthalate-d6	13.88	166	1197437	16.54	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	1583082	17.14	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	78055	6.38	ng/ul	0.00
58) Fluorene-d10	15.47	176	1067121	16.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	83722	8.59	ng/ul	0.00
71) Anthracene-d10	17.33	188	1647227	16.64	ng/ul	0.00
79) Pyrene-d10	19.57	212	2021814	18.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.52	264	2104570	17.94	ng/ul	0.00

Target Compounds

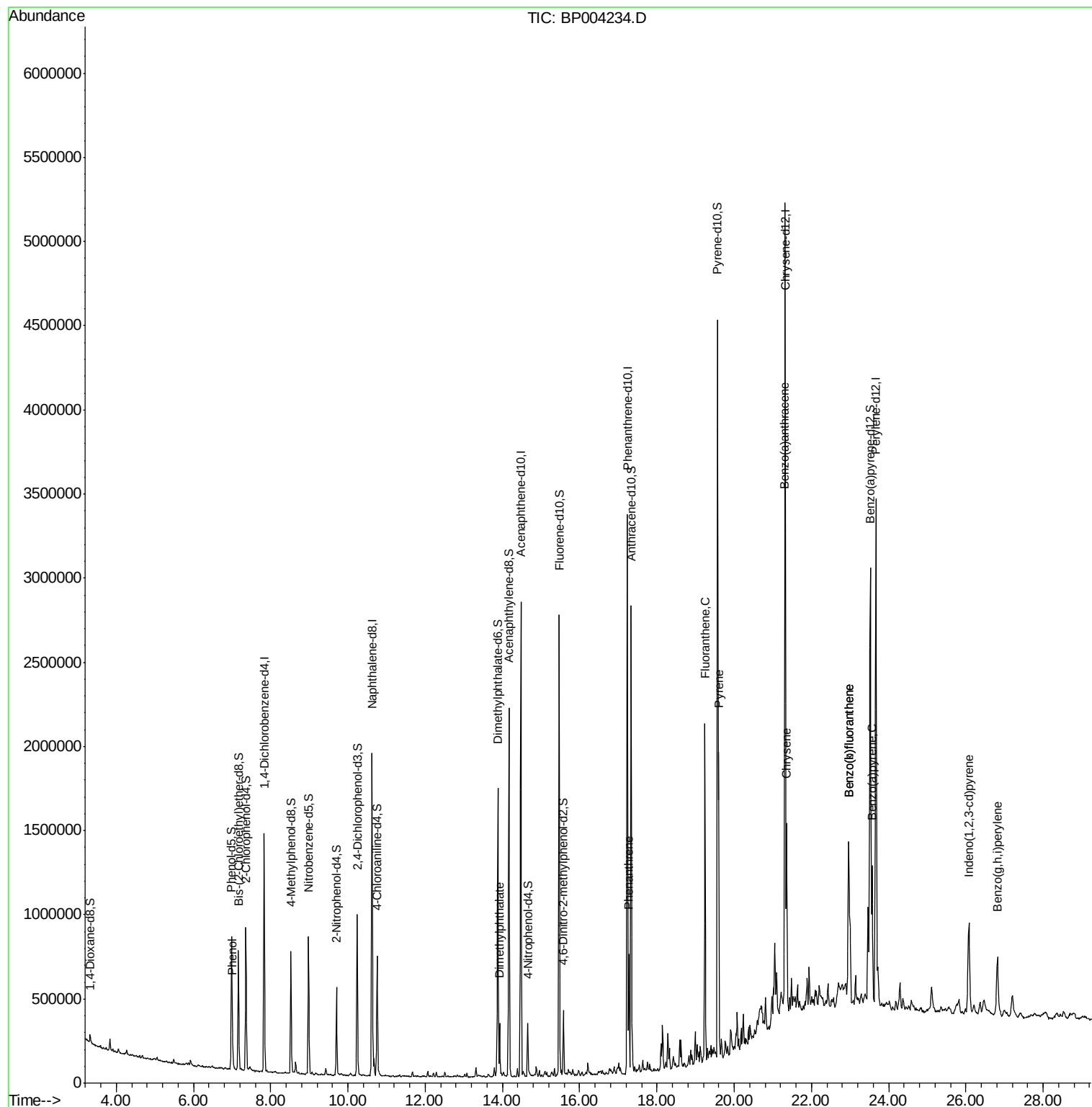
					Ovalue
6) Phenol	7.01	94	91918	2.706	ng/ul 92
45) Dimethylphthalate	13.93	163	206339	2.799	ng/ul 99
70) Phenanthrene	17.27	178	430749	3.595	ng/ul 99
77) Fluoranthene	19.25	202	1114449	8.711	ng/ul 98
80) Pyrene	19.60	202	1036856	7.323	ng/ul 99
83) Benzo(a)anthracene	21.30	228	542708	3.923	ng/ul 96
85) Chrysene	21.36	228	622693	4.588	ng/ul 97
88) Benzo(b)fluoranthene	22.96	252	867844	6.145	ng/ul 99
89) Benzo(k)fluoranthene	22.96	252	867844	5.984	ng/ul 98
91) Benzo(a)pyrene	23.57	252	584203	4.433	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	26.07	276	494808	2.994	ng/ul 97
94) Benzo(g,h,i)perylene	26.82	276	470951	3.397	ng/ul 97

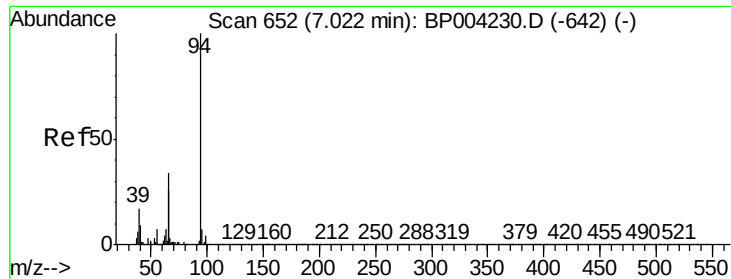
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121220\
Data File : BP004234.D
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Quant Time: Dec 11 23:59:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 13:52:32 2020
Response via : Initial Calibration





#6

Phenol

Concen: 2.706 ng/ul

RT: 7.01 min Scan# 650

Delta R.T. -0.01 min

Lab File: BP004234.D

Acq: 11 Dec 2020 18:37

Instrument :

BNA_P

ClientSampleId :

A54B1

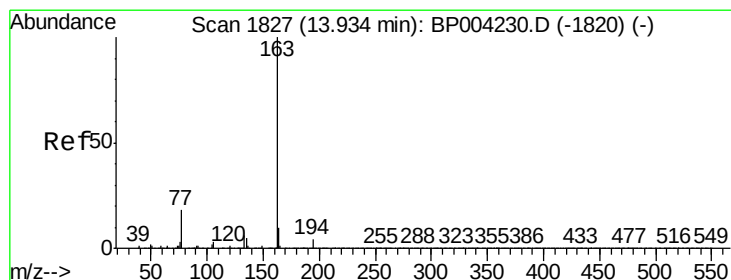
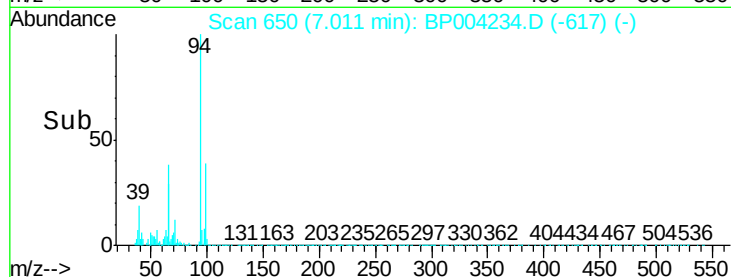
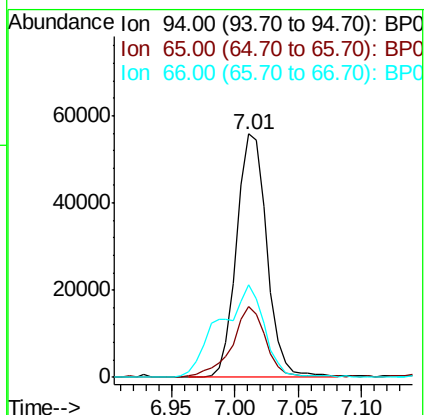
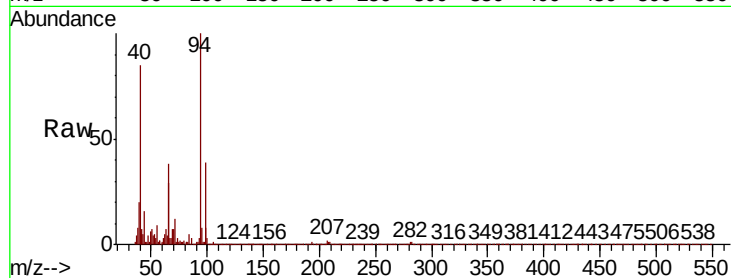
Tot Ion: 94 Resp: 91918

Ion Ratio Lower Upper

94 100

65 29.2 20.8 31.2

66 38.1 26.5 39.7



#45

Dimethylphthalate

Concen: 2.799 ng/ul

RT: 13.93 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BP004234.D

Acq: 11 Dec 2020 18:37

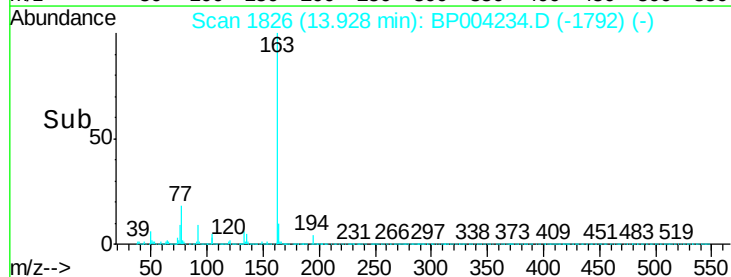
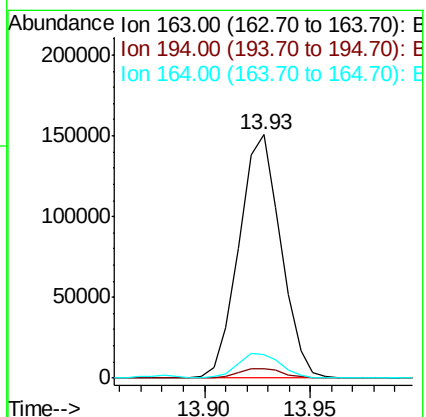
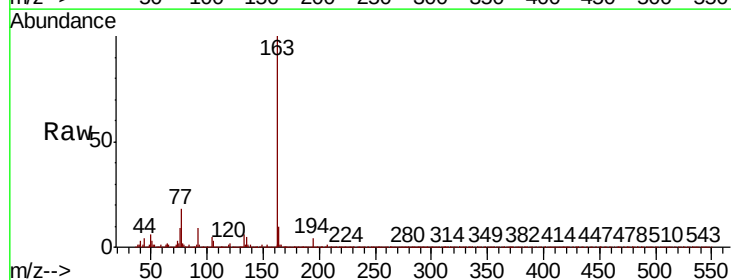
Tgt Ion: 163 Resp: 206339

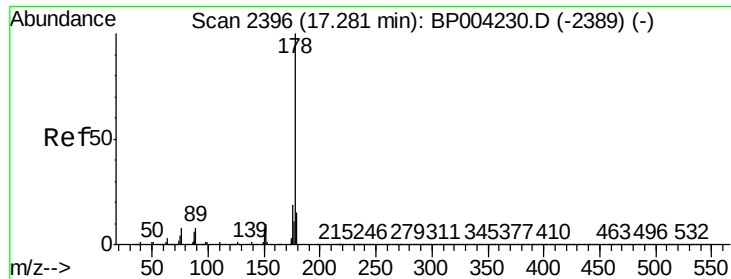
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

164 9.8 8.4 12.6





#70

Phenanthrene

Concen: 3.595 ng/ul

RT: 17.27 min Scan# 2395

Delta R.T. 0.00 min

Lab File: BP004234.D

Acq: 11 Dec 2020 18:37

Instrument :

BNA_P

ClientSampleId :

A54B1

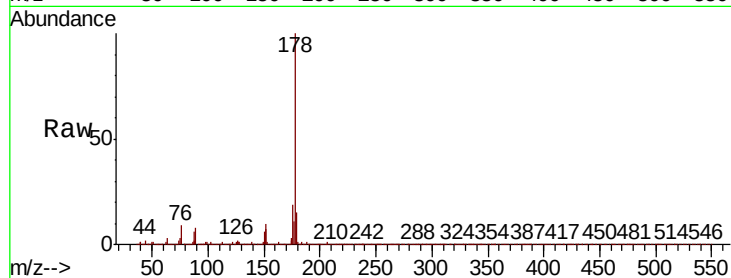
Tot Ion:178 Resp: 430749

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.4	18.6
176	18.6	15.4	23.0

178 100

179 15.2 12.4 18.6

176 18.6 15.4 23.0

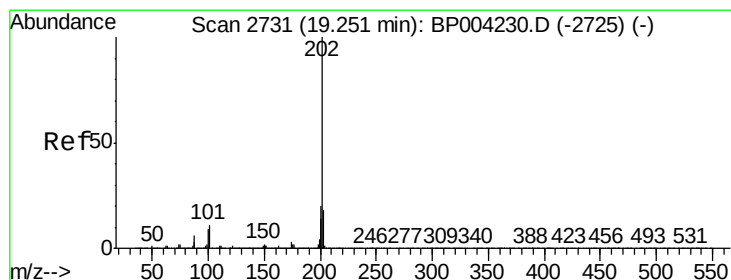
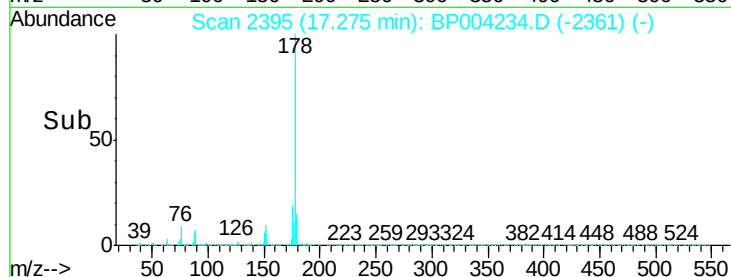
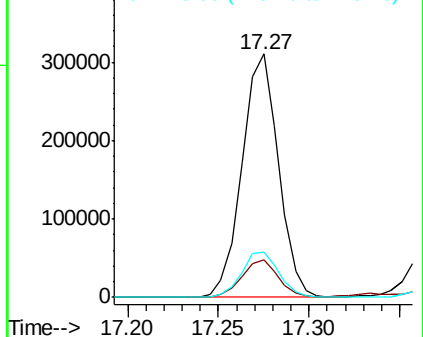


Abundance

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: 8.711 ng/ul

RT: 19.25 min Scan# 2730

Delta R.T. 0.00 min

Lab File: BP004234.D

Acq: 11 Dec 2020 18:37

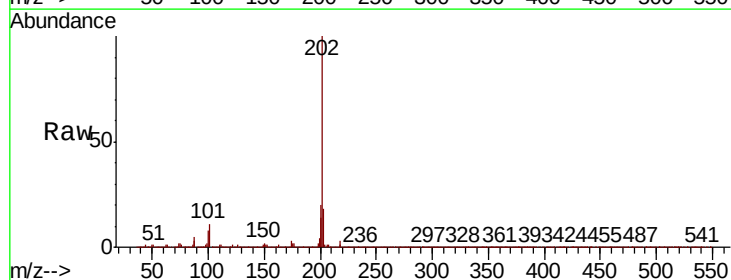
Tgt Ion:202 Resp: 1114449

Ion	Ratio	Lower	Upper
202	100		
101	10.7	9.1	13.7
100	8.3	7.1	10.7

202 100

101 10.7 9.1 13.7

100 8.3 7.1 10.7

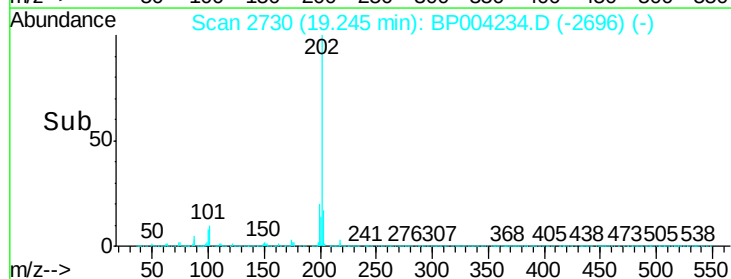
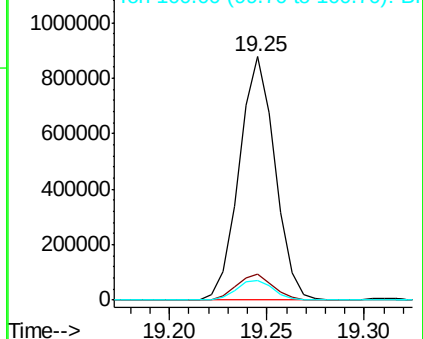


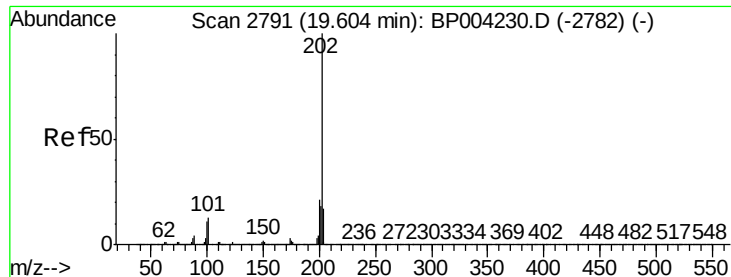
Abundance

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



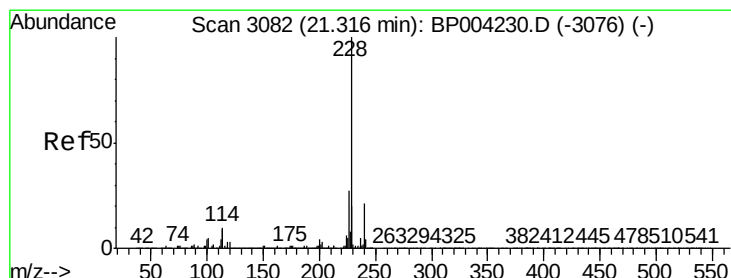
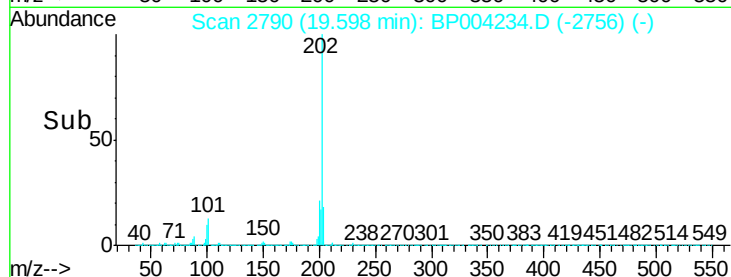
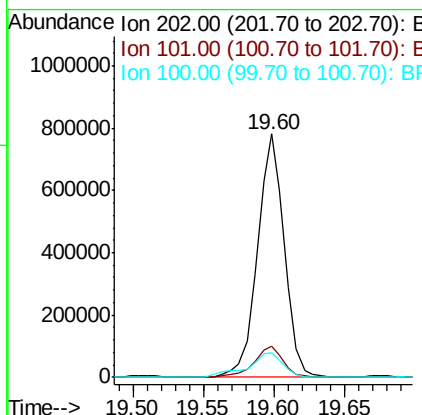
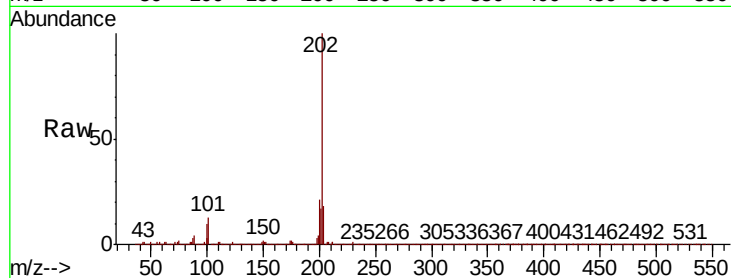


#80
 Pvrene
 Concen: 7.323 ng/ul
 RT: 19.60 min Scan# 2790
 Delta R.T. 0.00 min
 Lab File: BP004234.D
 Acq: 11 Dec 2020 18:37

Instrument :
 BNA_P
 ClientSampleId :
 A54B1

Tot Ion:202 Resp: 1036856

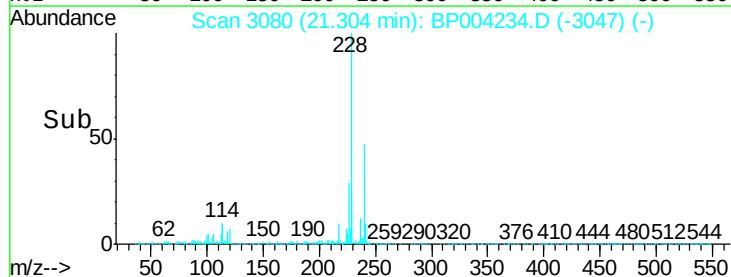
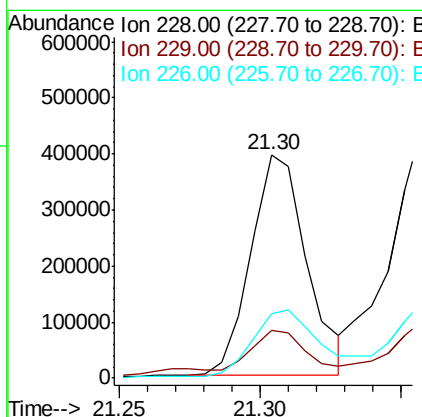
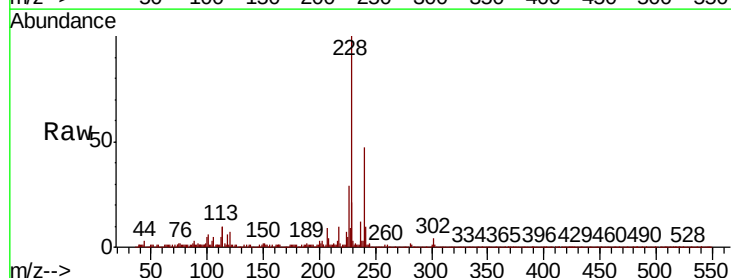
Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.6	15.8
100	10.2	8.6	12.8

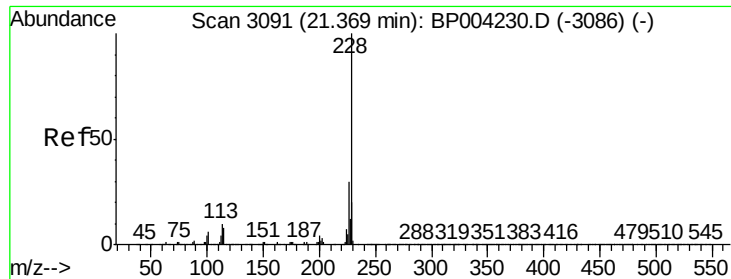


#83
 Benzo(a)anthracene
 Concen: 3.923 ng/ul
 RT: 21.30 min Scan# 3080
 Delta R.T. -0.01 min
 Lab File: BP004234.D
 Acq: 11 Dec 2020 18:37

Tgt Ion:228 Resp: 542708

Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.8	23.8
226	29.1	21.7	32.5

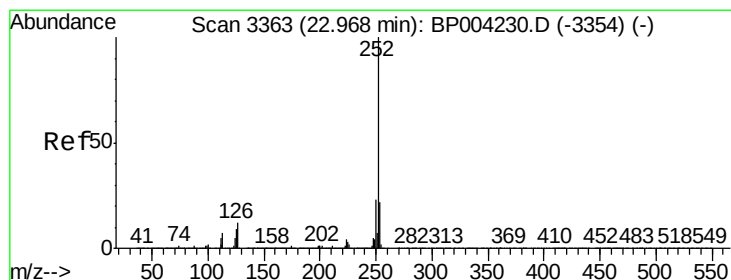
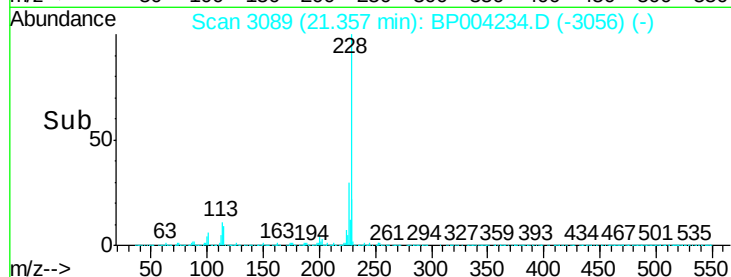
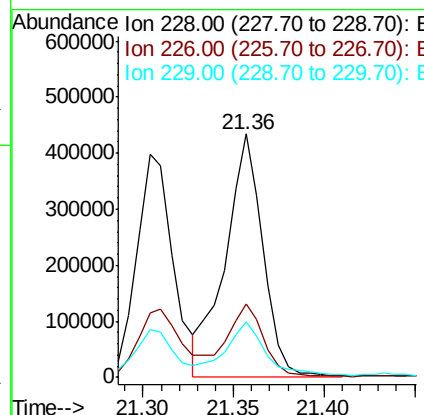
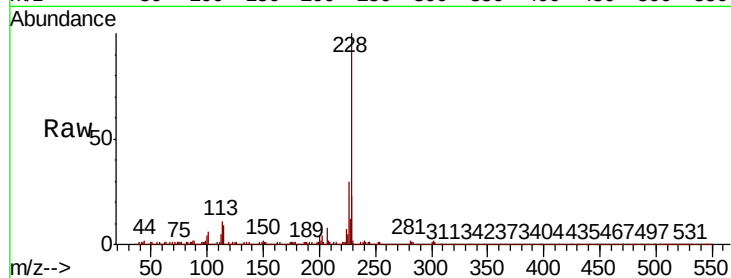




#85
Chrysene
Concen: 4.588 ng/ul
RT: 21.36 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BP004234.D
Acq: 11 Dec 2020 18:37

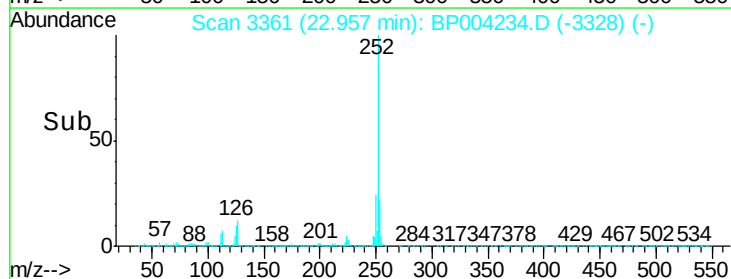
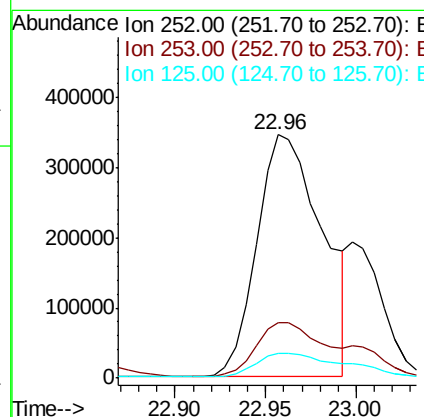
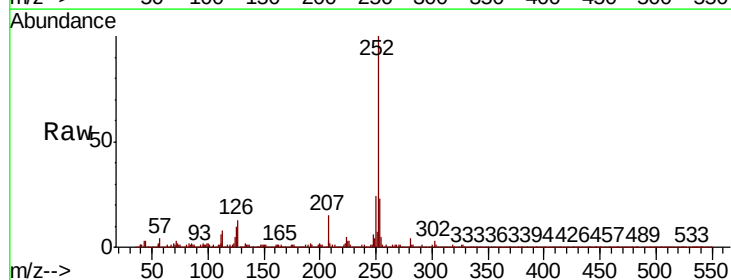
Instrument :
BNA_P
ClientSampled :
A54B1

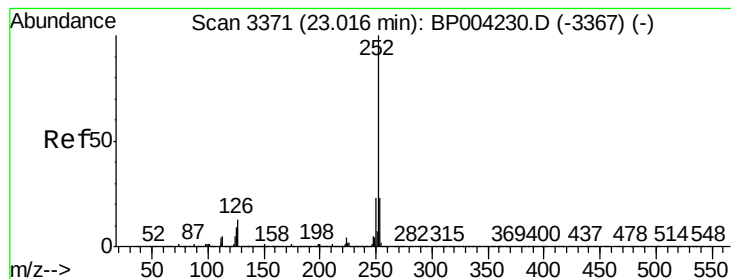
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	22.8	15.8	23.8



#88
Benzo(b)fluoranthene
Concen: 6.145 ng/ul
RT: 22.96 min Scan# 3361
Delta R.T. -0.01 min
Lab File: BP004234.D
Acq: 11 Dec 2020 18:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	10.1	7.7	11.5





#89

Benzo(k)fluoranthene

Concen: 5.984 ng/ul

RT: 22.96 min Scan# 3361

Delta R.T. -0.05 min

Lab File: BP004234.D

Acq: 11 Dec 2020 18:37

Instrument :

BNA_P

ClientSampleId :

A54B1

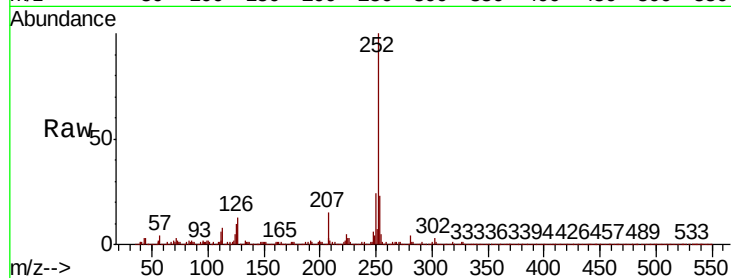
Tot Ion:252 Resp: 867844

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.2

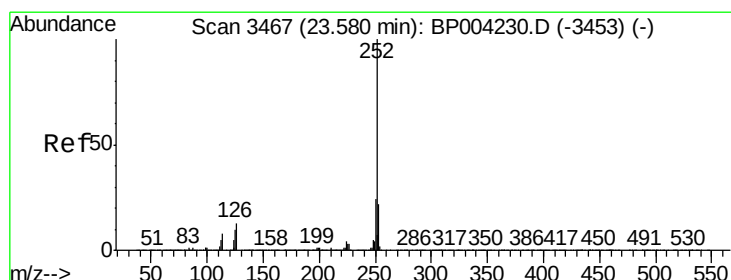
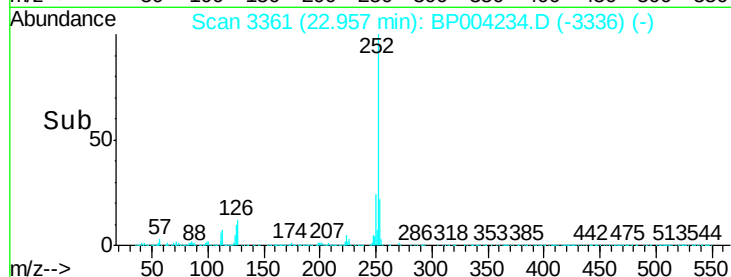
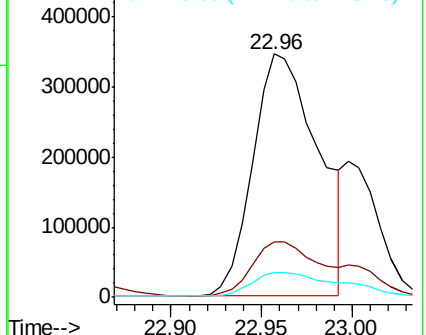
125 10.1 7.3 10.9



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: 4.433 ng/ul

RT: 23.57 min Scan# 3465

Delta R.T. -0.01 min

Lab File: BP004234.D

Acq: 11 Dec 2020 18:37

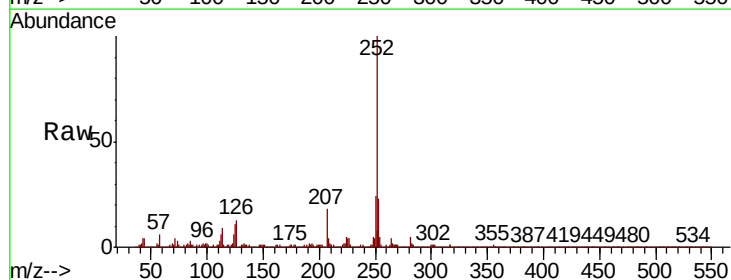
Tgt Ion:252 Resp: 584203

Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

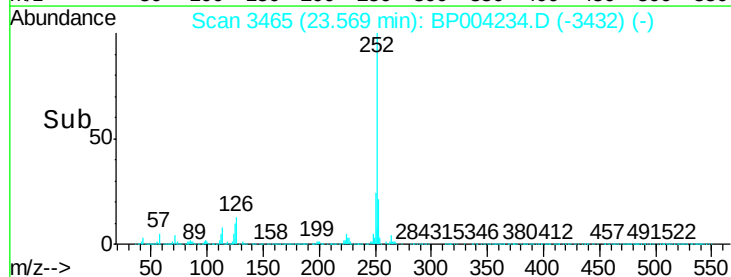
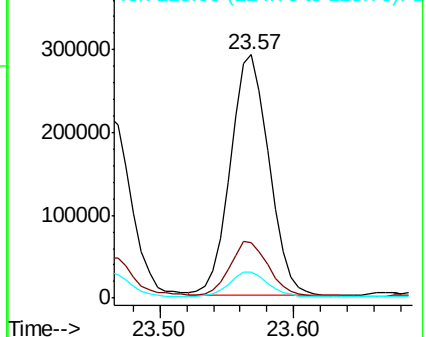
125 10.9 7.8 11.6

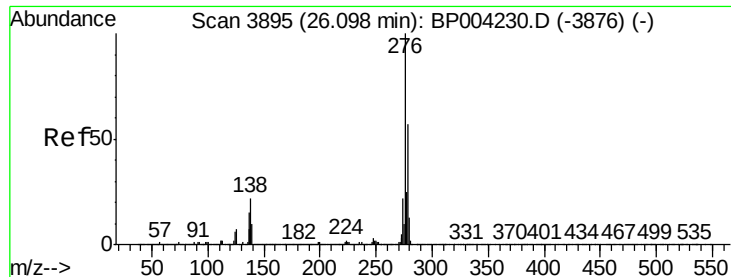


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



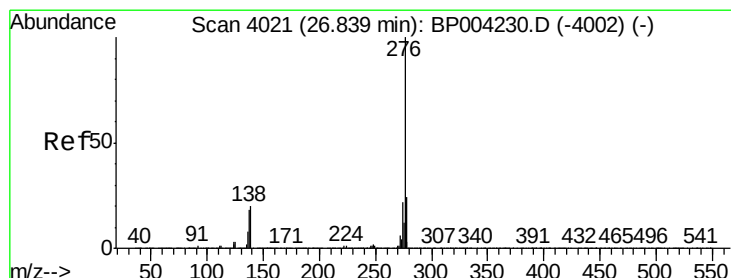
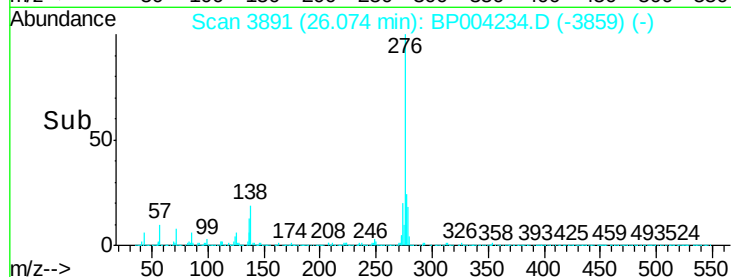
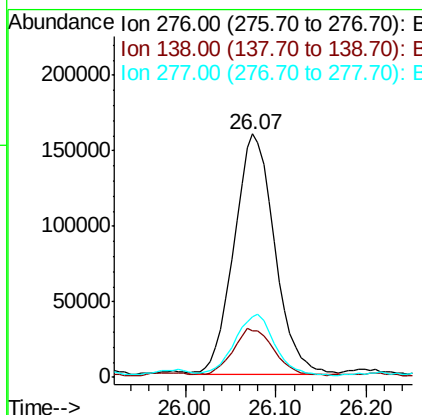
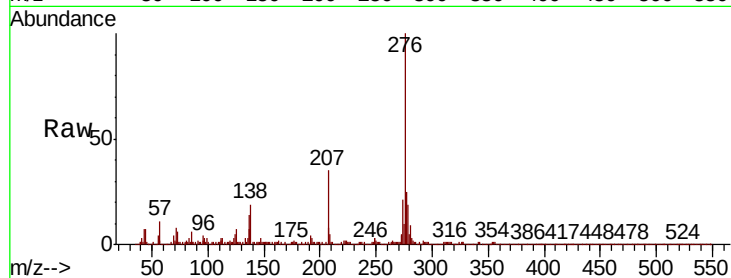


#92

Indeno(1,2,3-cd)pyrene
Concen: 2.994 ng/ul
RT: 26.07 min Scan# 3891
Delta R.T. -0.01 min
Lab File: BP004234.D
Acq: 11 Dec 2020 18:37

Instrument :
BNA_P
ClientSampleId :
A54B1

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.3	17.8	26.6
277	24.7	19.8	29.6



#94

Benzo(g,h,i)perylene
Concen: 3.397 ng/ul
RT: 26.82 min Scan# 4017
Delta R.T. -0.01 min
Lab File: BP004234.D
Acq: 11 Dec 2020 18:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.6	16.6	25.0
277	24.8	18.5	27.7

