

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP121220\
 Data File : BP004238.D
 Acq On : 11 Dec 2020 20:54
 Operator : CG/JU
 Sample : L5000-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54B5

Quant Time: Dec 12 00:00:23 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	430029	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	1752976	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	1046329	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	2213690	20.00	ng/ul	0.00
78) Chrysene-d12	21.32	240	2269425	20.00	ng/ul	0.00
86) Perylene-d12	23.67	264	2438860	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	27758	2.27	ng/uL	0.00
5) Phenol-d5	6.99	99	511859	14.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	328071	14.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	420303	15.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	310062	11.53	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	214659	14.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	202113	17.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	396025	15.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	456121	14.13	ng/ul	0.00
44) Dimethylphthalate-d6	13.88	166	1262541	15.79	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	1641192	16.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	139748	10.35	ng/ul	0.00
58) Fluorene-d10	15.47	176	1106130	15.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	108235	10.19	ng/ul	0.00
71) Anthracene-d10	17.33	188	1697054	15.73	ng/ul	0.00
79) Pyrene-d10	19.57	212	2058477	17.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.52	264	2216604	17.25	ng/ul	0.00

Target Compounds

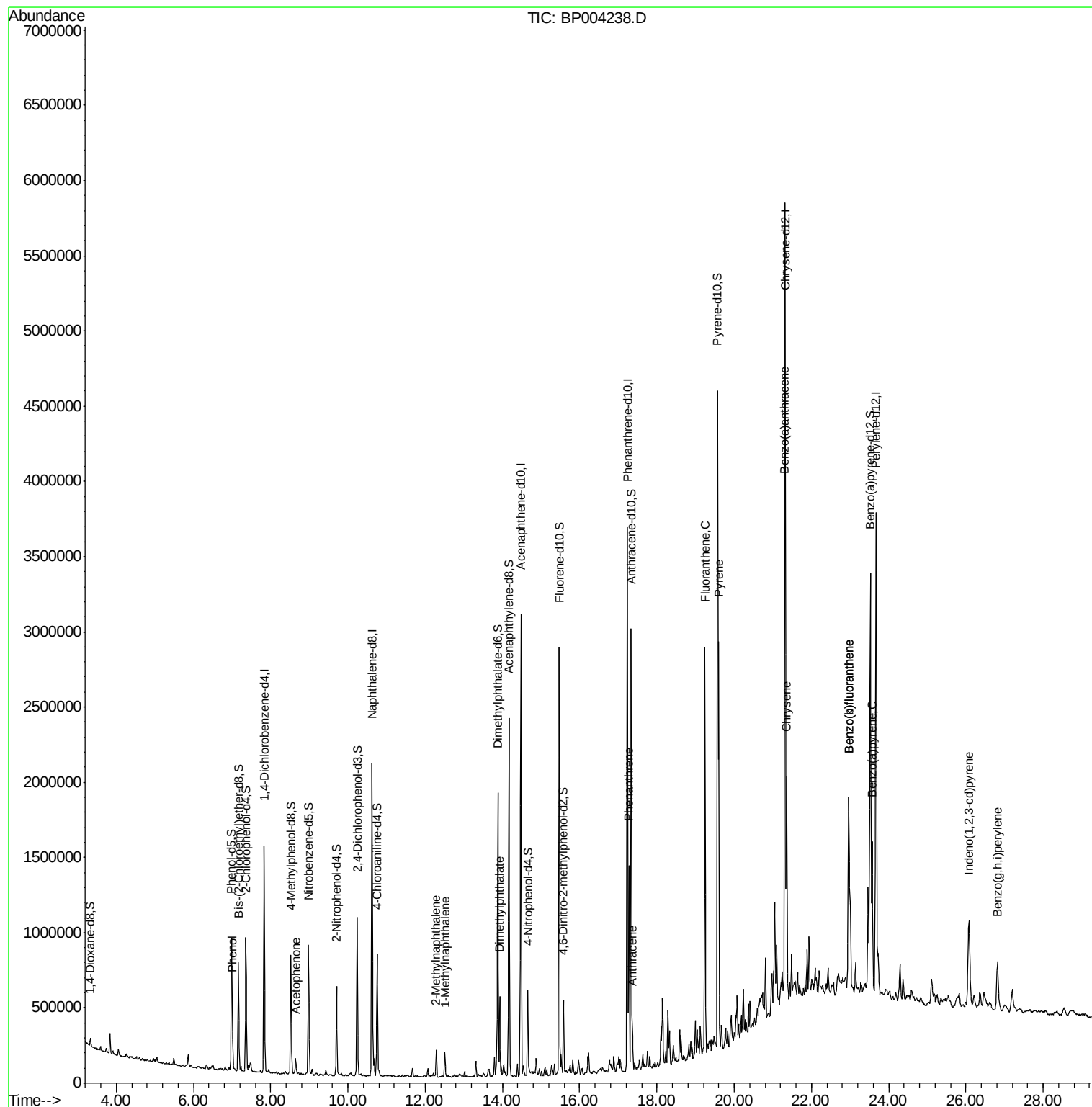
					Ovalue
6) Phenol	7.01	94	111775	3.009	ng/ul 98
14) Acetophenone	8.65	105	59396	1.398	ng/ul 99
34) 2-Methylnaphthalene	12.29	142	85552	1.280	ng/ul 98
35) 1-Methylnaphthalene	12.51	142	79968	1.030	ng/ul# 96
45) Dimethylphthalate	13.93	163	331816	4.074	ng/ul 100
70) Phenanthrene	17.27	178	811826	6.216	ng/ul 100
72) Anthracene	17.36	178	158819	1.229	ng/ul 99
77) Fluoranthene	19.25	202	1529508	10.968	ng/ul 99
80) Pvrene	19.60	202	1489724	9.731	ng/ul 99
83) Benzo(a)anthracene	21.30	228	799487	5.344	ng/ul 98
85) Chrysene	21.36	228	847558	5.775	ng/ul 98
88) Benzo(b)fluoranthene	22.96	252	1073355	6.940	ng/ul 98
89) Benzo(k)fluoranthene	22.96	252	1073355	6.757	ng/ul 98
91) Benzo(a)pyrene	23.57	252	731380	5.068	ng/ul 97
92) Indeno(1,2,3-cd)pyrene	26.08	276	510705	2.822	ng/ul 97
94) Benzo(g,h,i)perylene	26.82	276	440660	2.902	ng/ul 98

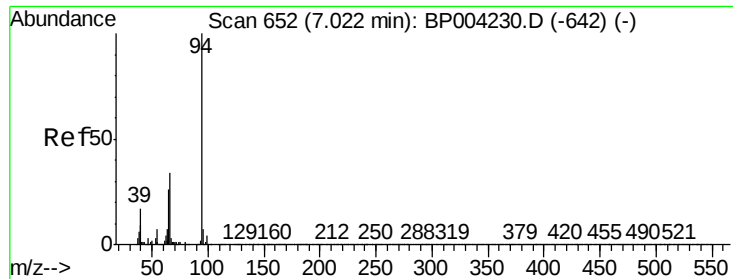
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121220\
Data File : BP004238.D
Acq On : 11 Dec 2020 20:54
Operator : CG/JU
Sample : L5000-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A54B5

Quant Time: Dec 12 00:00:23 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: 3.009 ng/ul

RT: 7.01 min Scan# 650

Delta R.T. -0.01 min

Lab File: BP004238.D

Acq: 11 Dec 2020 20:54

Instrument :

BNA_P

ClientSampleId :

A54B5

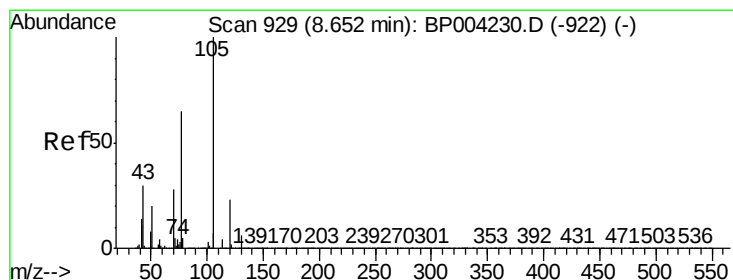
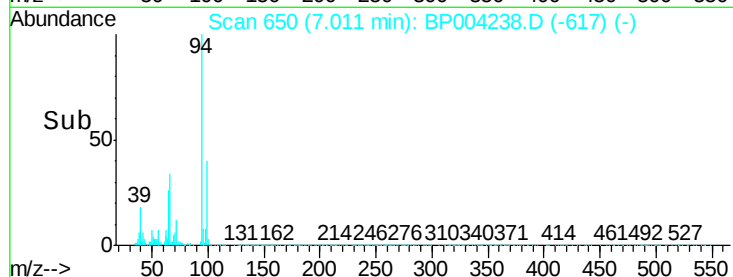
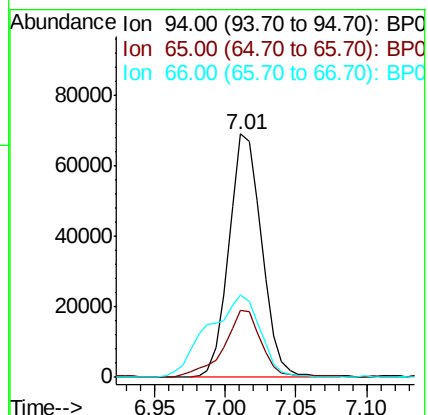
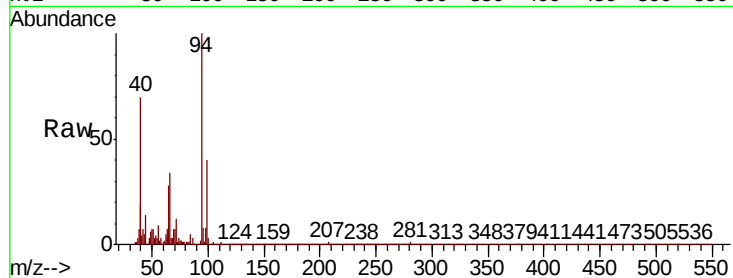
Tot Ion: 94 Resp: 111775

Ion Ratio Lower Upper

94 100

65 27.5 20.8 31.2

66 34.0 26.5 39.7



#14

Acetophenone

Concen: 1.398 ng/ul

RT: 8.65 min Scan# 928

Delta R.T. 0.00 min

Lab File: BP004238.D

Acq: 11 Dec 2020 20:54

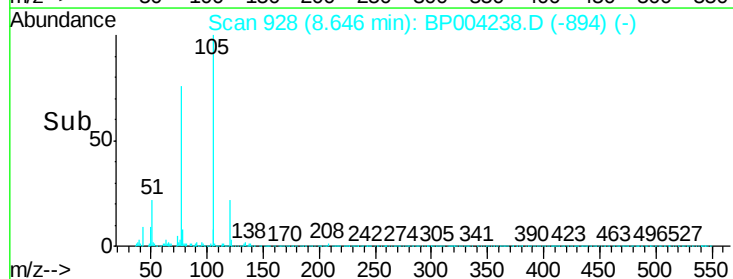
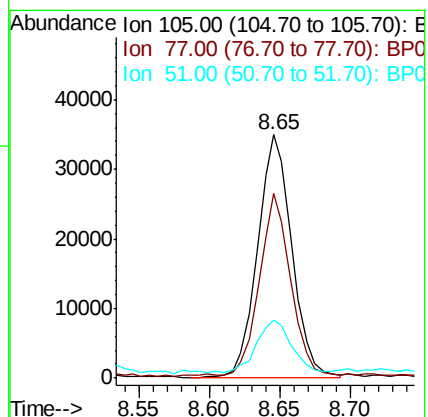
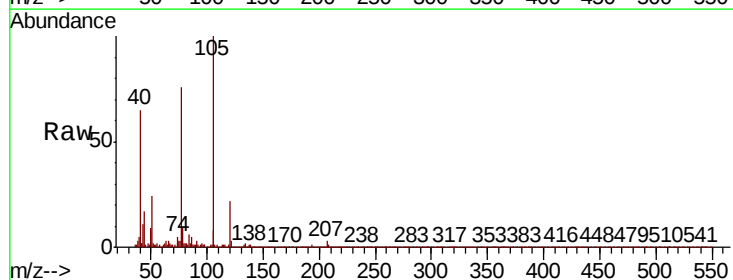
Tgt Ion: 105 Resp: 59396

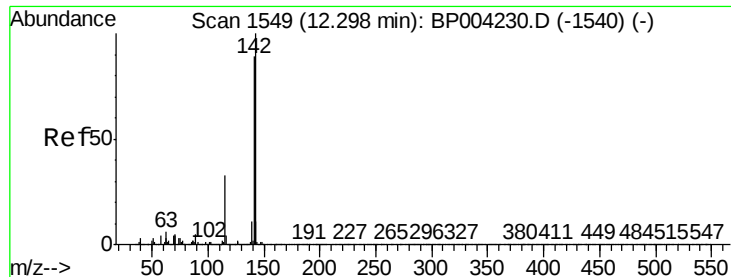
Ion Ratio Lower Upper

105 100

77 75.9 61.1 91.7

51 24.0 18.5 27.7

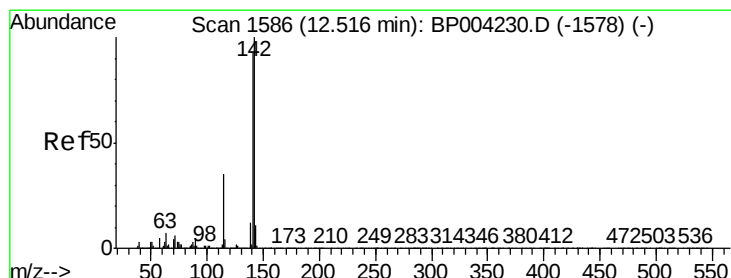
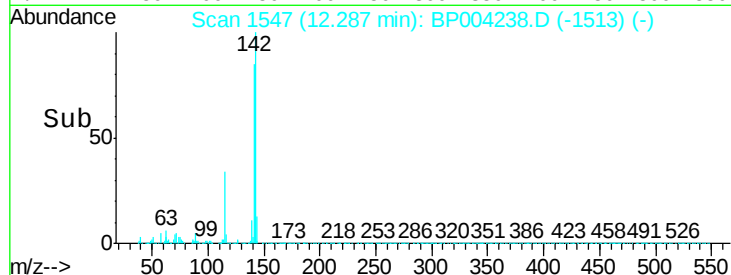
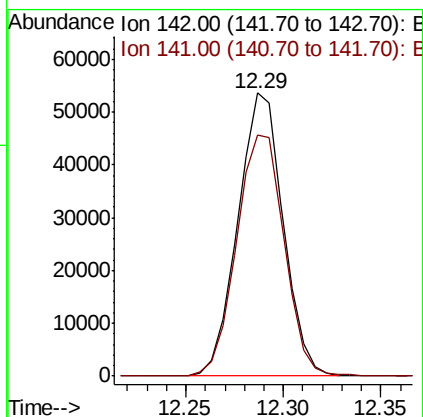
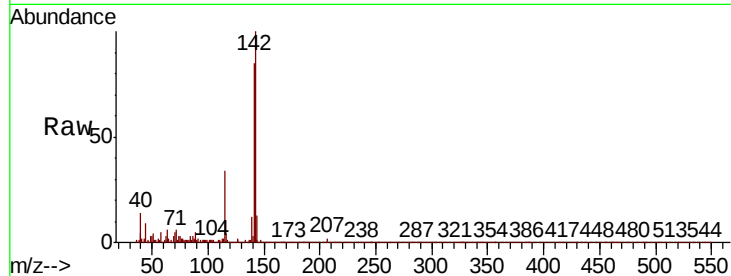




#34
 2-Methylnaphthalene
 Concen: 1.280 ng/ul
 RT: 12.29 min Scan# 1547
 Delta R.T. 0.00 min
 Lab File: BP004238.D
 Acq: 11 Dec 2020 20:54

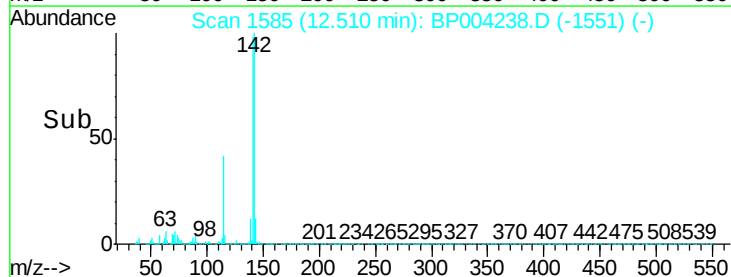
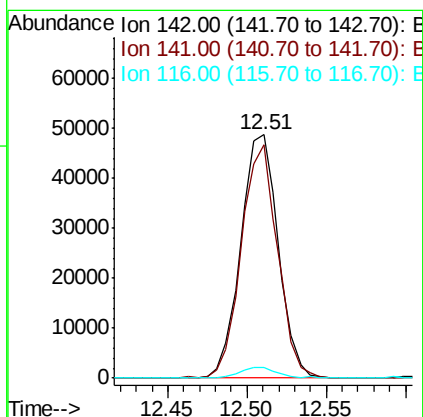
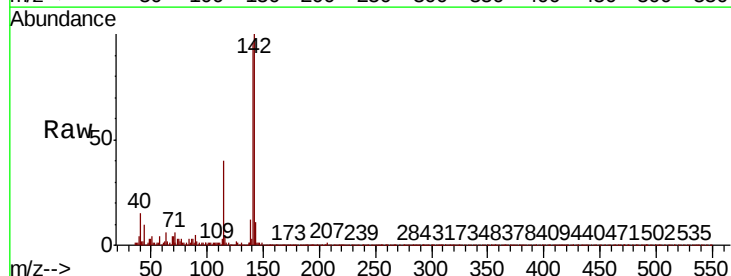
Instrument :
 BNA_P
 ClientSampleId :
 A54B5

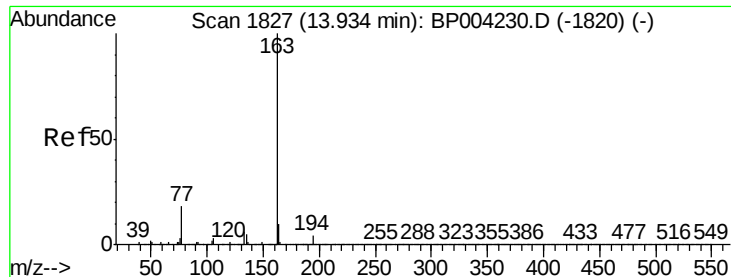
Tot Ion:142 Resp: 85552
 Ion Ratio Lower Upper
 142 100
 141 85.4 69.7 104.5



#35
 1-Methylnaphthalene
 Concen: 1.030 ng/ul
 RT: 12.51 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: BP004238.D
 Acq: 11 Dec 2020 20:54

Tgt Ion:142 Resp: 79968
 Ion Ratio Lower Upper
 142 100
 141 95.7 73.8 110.8
 116 4.3 2.8 4.2#





#45

Dimethylphthalate

Concen: 4.074 ng/ul

RT: 13.93 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BP004238.D

Acq: 11 Dec 2020 20:54

Instrument :

BNA_P

ClientSampleId :

A54B5

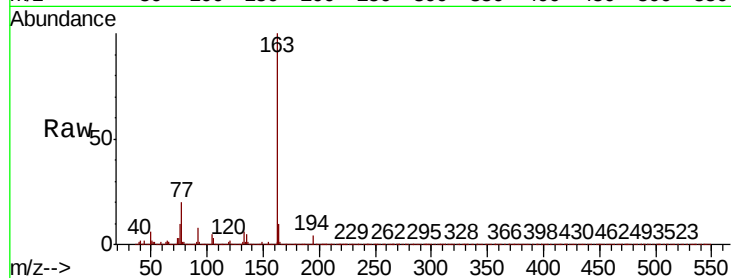
Tot Ion:163 Resp: 331816

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

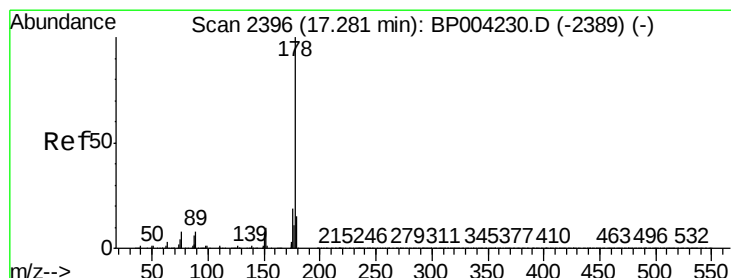
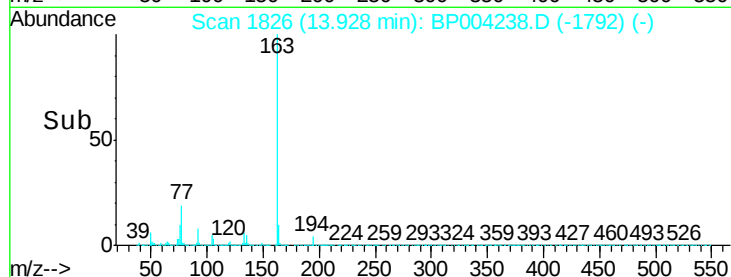
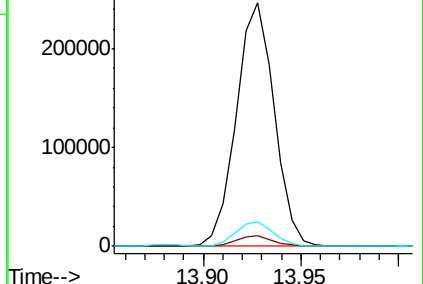
164 10.3 8.4 12.6



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



#70

Phenanthrene

Concen: 6.216 ng/ul

RT: 17.27 min Scan# 2395

Delta R.T. 0.00 min

Lab File: BP004238.D

Acq: 11 Dec 2020 20:54

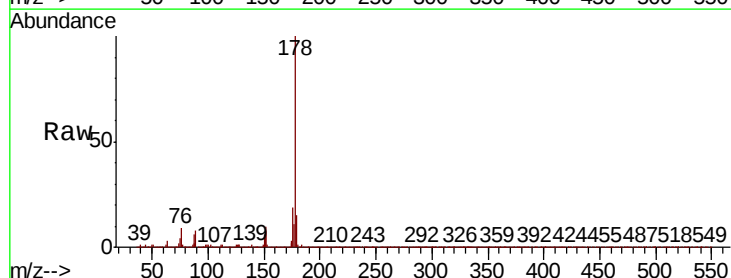
Tgt Ion:178 Resp: 811826

Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

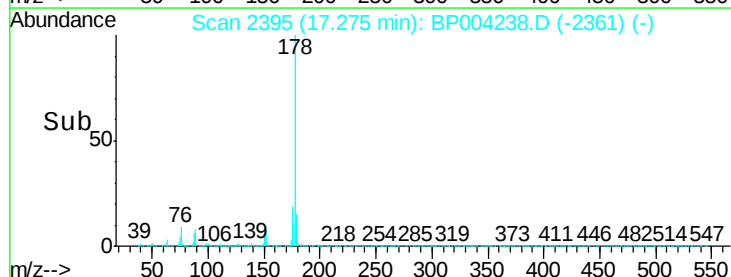
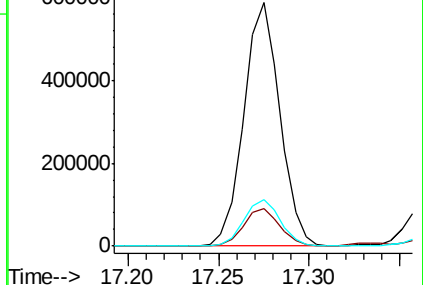
176 18.9 15.4 23.0

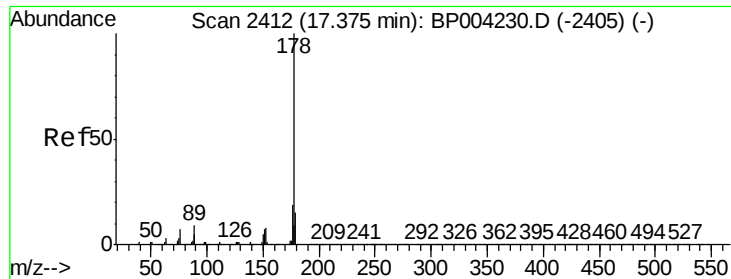


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

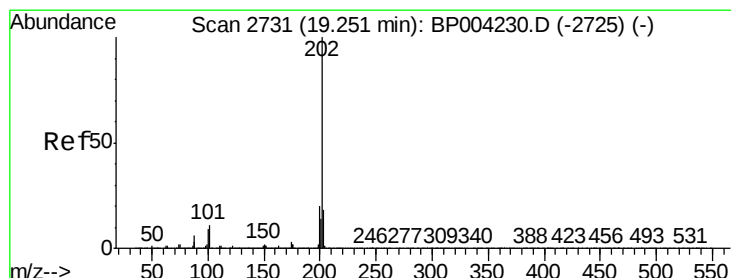
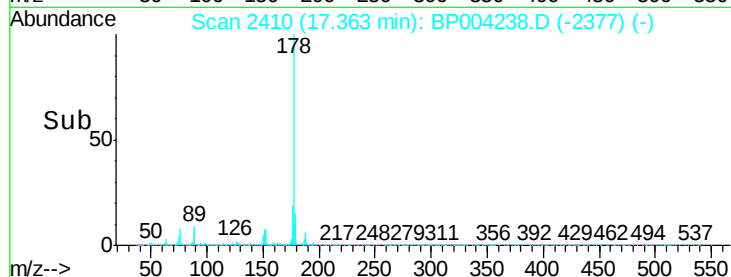
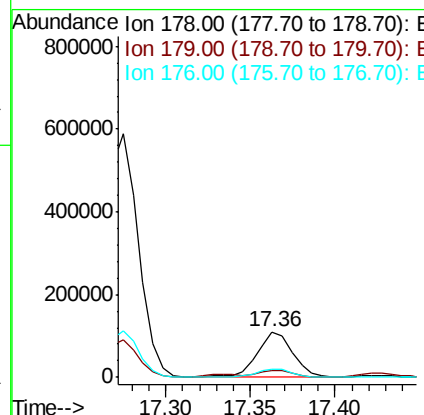
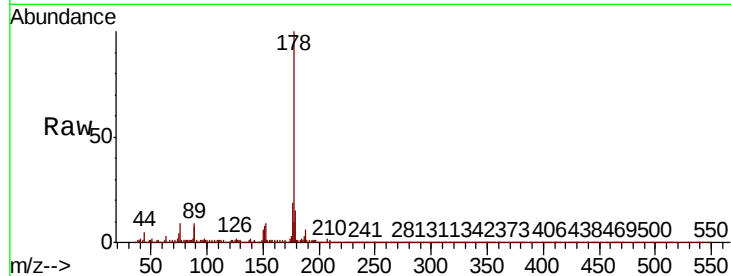




#72
 Anthracene
 Concen: 1.229 ng/ul
 RT: 17.36 min Scan# 2410
 Delta R.T. -0.01 min
 Lab File: BP004238.D
 Acq: 11 Dec 2020 20:54

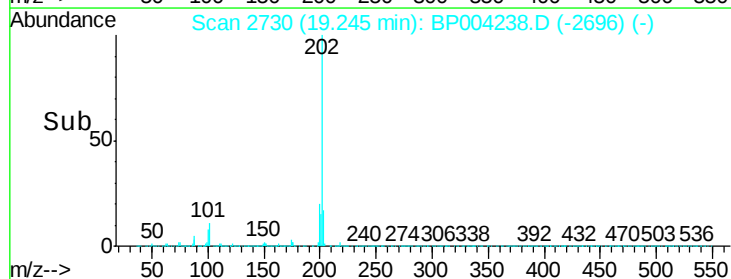
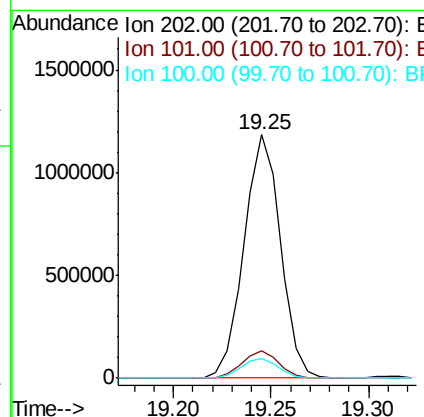
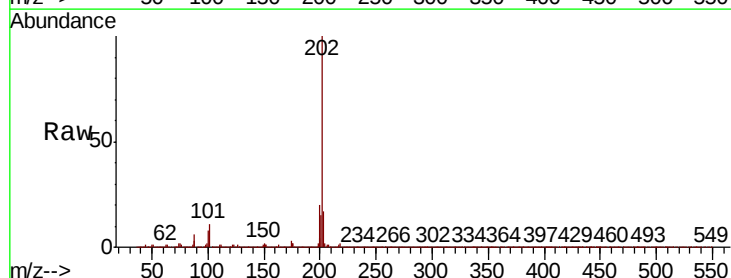
Instrument :
 BNA_P
 ClientSampleId :
 A54B5

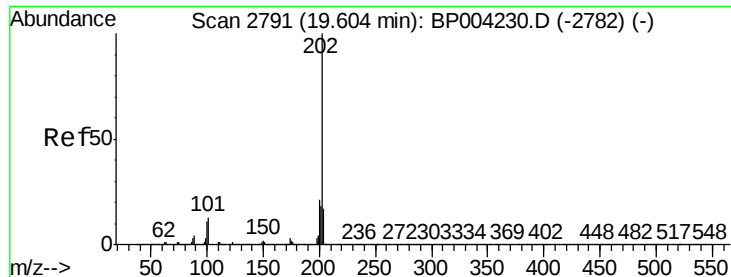
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.1	14.9	22.3



#77
 Fluoranthene
 Concen: 10.968 ng/ul
 RT: 19.25 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: BP004238.D
 Acq: 11 Dec 2020 20:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.1	13.7
100	8.1	7.1	10.7





#80

Pvrene

Concen: 9.731 ng/ul

RT: 19.60 min Scan# 2790

Delta R.T. 0.00 min

Lab File: BP004238.D

Acq: 11 Dec 2020 20:54

Instrument :

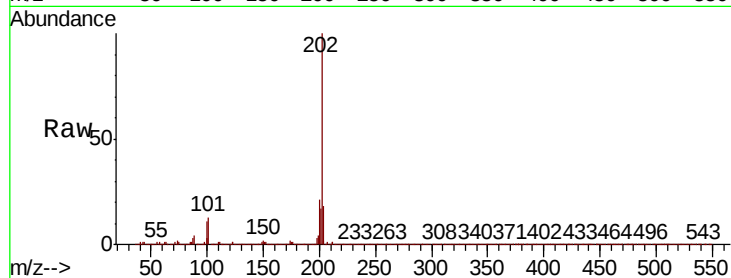
BNA_P

ClientSampleId :

A54B5

Tot Ion:202 Resp: 1489724

Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.6	15.8
100	10.5	8.6	12.8

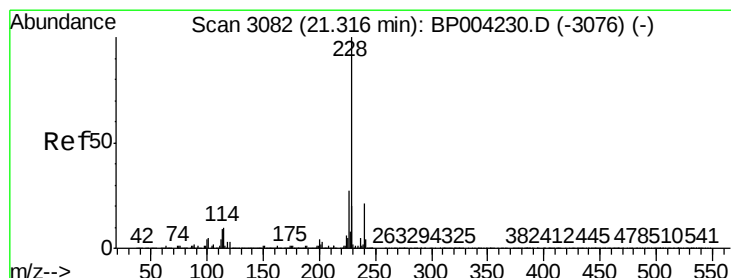
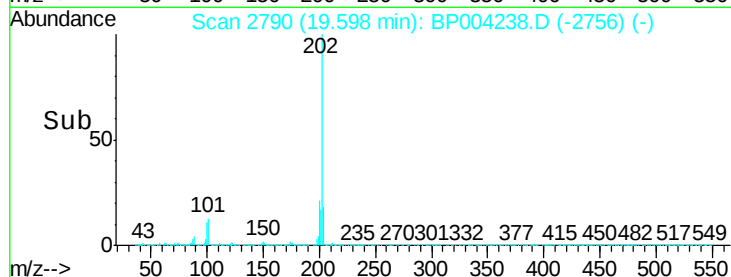
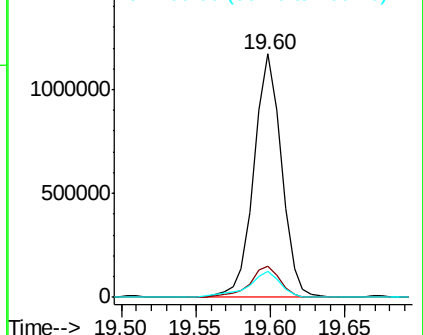


Abundance

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): B



#83

Benzo(a)anthracene

Concen: 5.344 ng/ul

RT: 21.30 min Scan# 3080

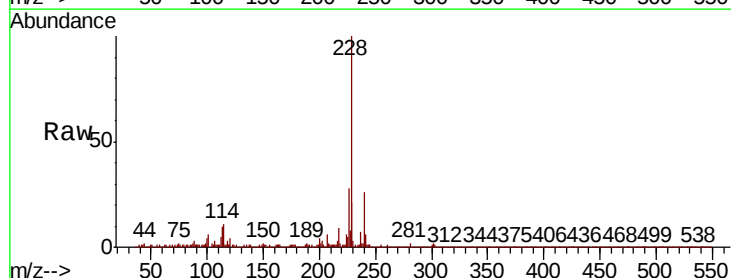
Delta R.T. -0.01 min

Lab File: BP004238.D

Acq: 11 Dec 2020 20:54

Tgt Ion:228 Resp: 799487

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.8	23.8
226	27.9	21.7	32.5

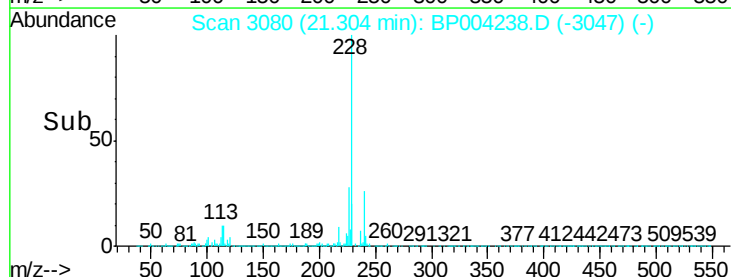
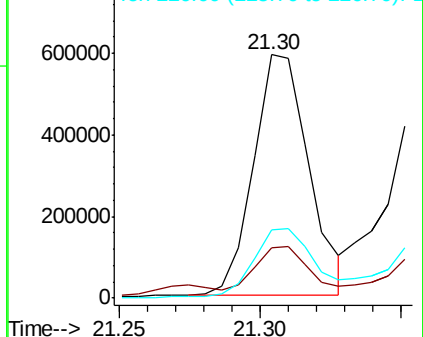


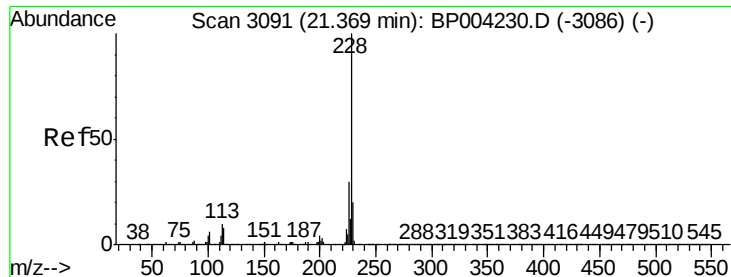
Abundance

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: 5.775 ng/ul

RT: 21.36 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BP004238.D

Acq: 11 Dec 2020 20:54

Instrument :

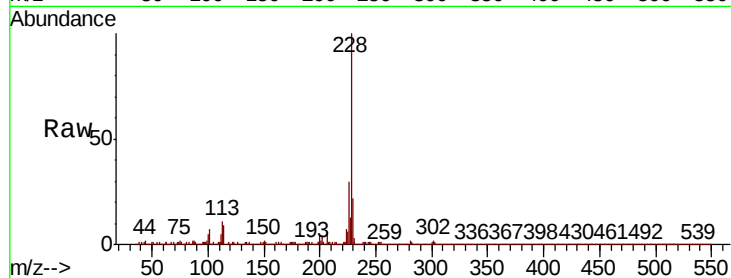
BNA_P

ClientSampleId :

A54B5

Tot Ion:228 Resp: 847558

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.2
229	22.0	15.8	23.8

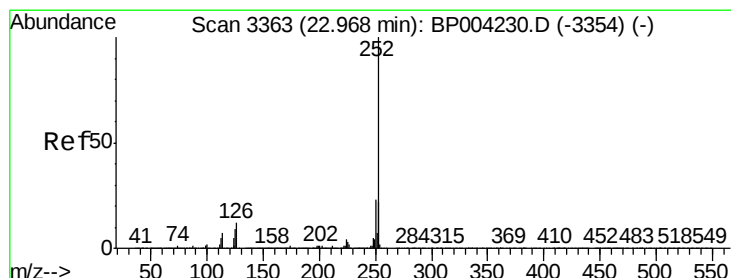
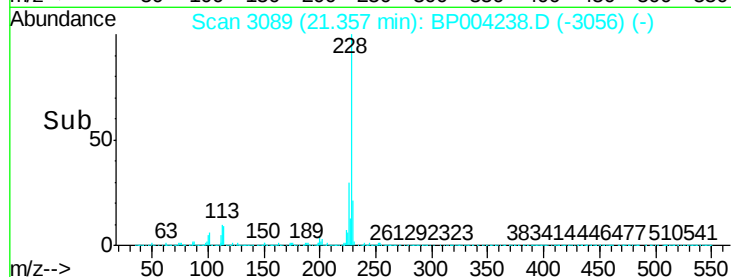
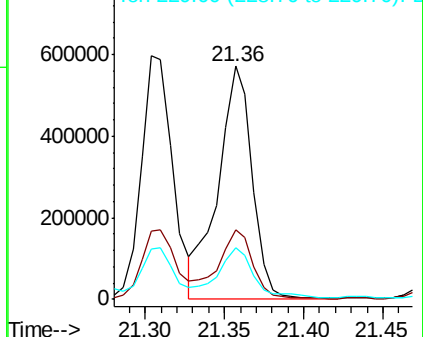


Abundance

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: 6.940 ng/ul

RT: 22.96 min Scan# 3362

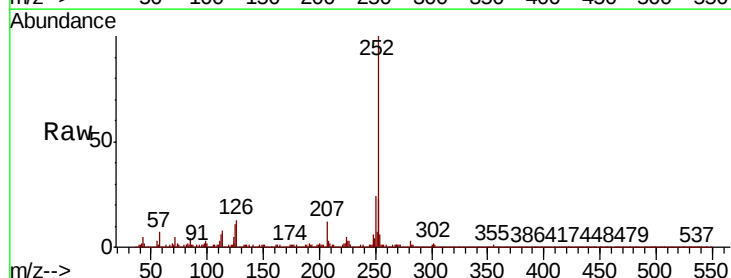
Delta R.T. 0.00 min

Lab File: BP004238.D

Acq: 11 Dec 2020 20:54

Tgt Ion:252 Resp: 1073355

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	10.5	7.7	11.5

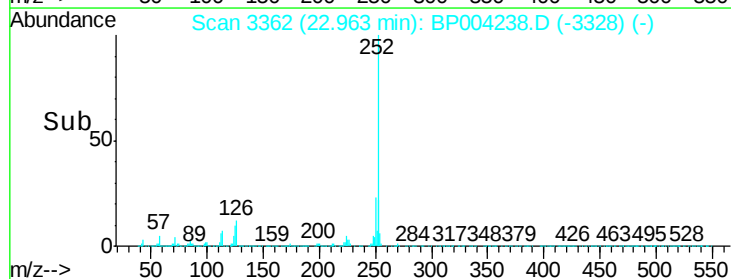
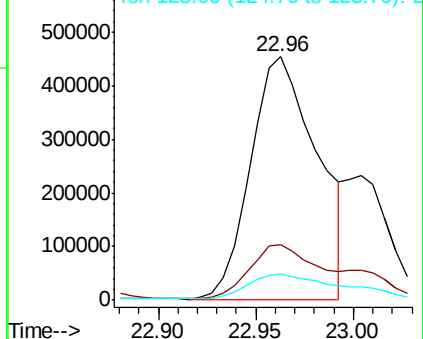


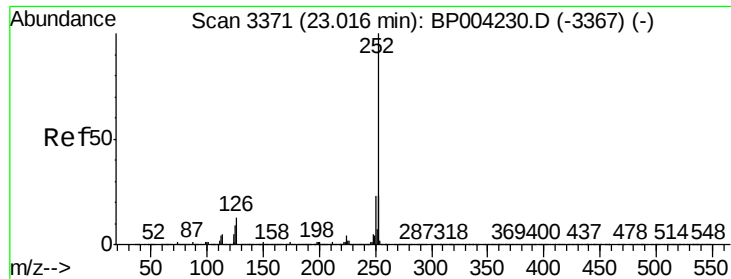
Abundance

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

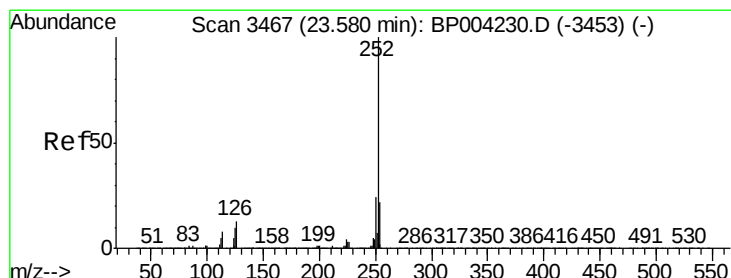
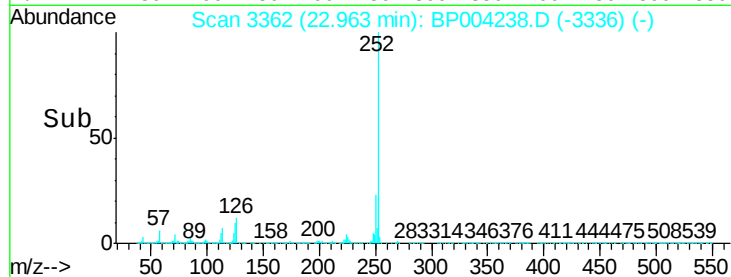
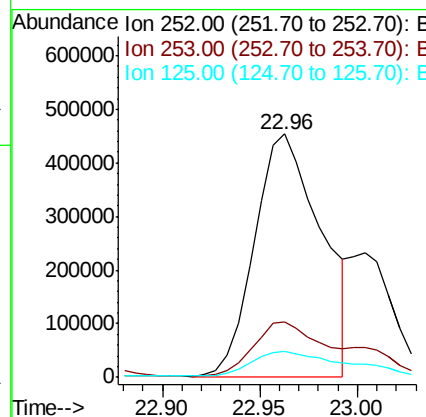
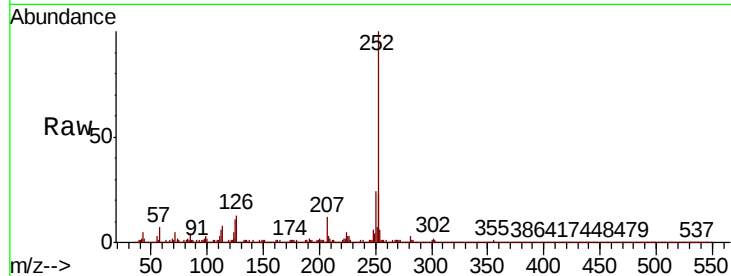




#89
Benzo(k)fluoranthene
Concen: 6.757 ng/ul
RT: 22.96 min Scan# 3362
Delta R.T. -0.05 min
Lab File: BP004238.D
Acq: 11 Dec 2020 20:54

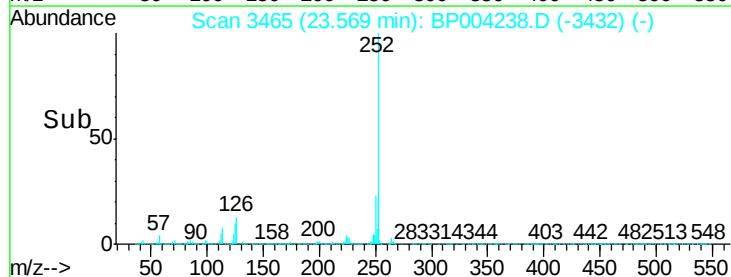
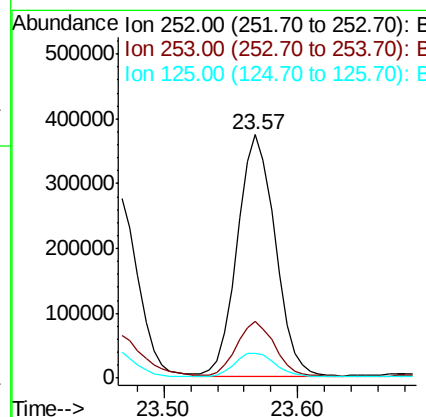
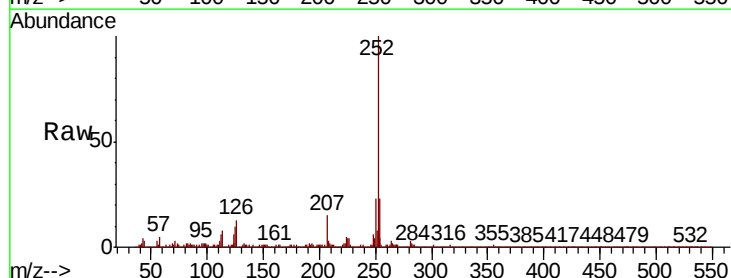
Instrument :
BNA_P
ClientSampleId :
A54B5

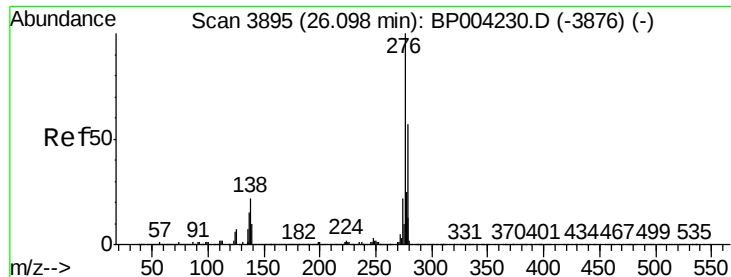
Tot Ion:252 Resp: 1073355
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 10.5 7.3 10.9



#91
Benzo(a)pyrene
Concen: 5.068 ng/ul
RT: 23.57 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BP004238.D
Acq: 11 Dec 2020 20:54

Tgt Ion:252 Resp: 731380
Ion Ratio Lower Upper
252 100
253 23.1 17.3 25.9
125 10.4 7.8 11.6



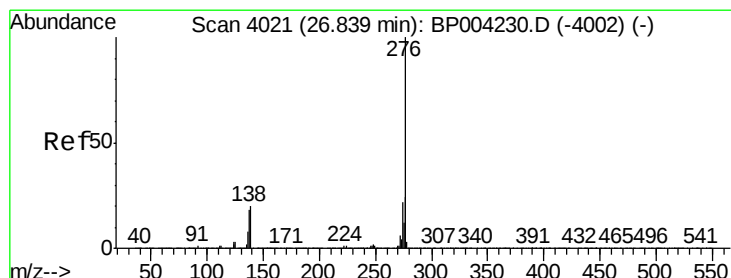
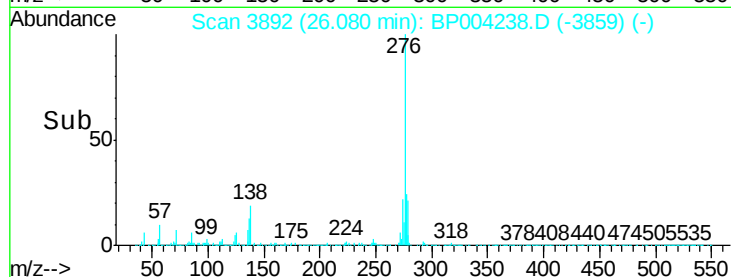
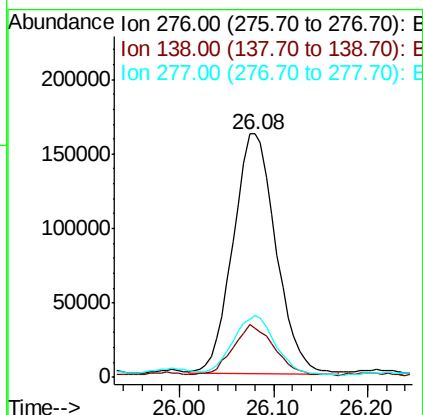
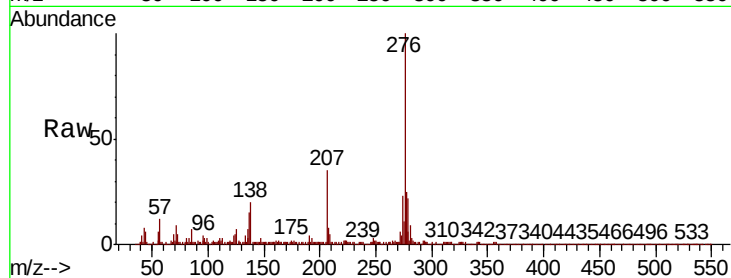


#92

Indeno(1,2,3-cd)pyrene
Concen: 2.822 ng/ul
RT: 26.08 min Scan# 3892
Delta R.T. -0.01 min
Lab File: BP004238.D
Acq: 11 Dec 2020 20:54

Instrument :
BNA_P
ClientSampleId :
A54B5

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.0	17.8	26.6
277	25.3	19.8	29.6



#94

Benzo(g,h,i)perylene
Concen: 2.902 ng/ul
RT: 26.82 min Scan# 4017
Delta R.T. -0.01 min
Lab File: BP004238.D
Acq: 11 Dec 2020 20:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.4	16.6	25.0
277	24.9	18.5	27.7

