

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP030220\
 Data File : BP002027.D
 Acq On : 03 Mar 2020 17:53
 Operator : CG/JU
 Sample : L1543-19
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Mar 04 05:14:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 03 05:31:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	273992	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	1120044	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	684224	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	1445101	20.00	ng/ul	0.00
78) Chrysene-d12	21.12	240	1365345	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	1517893	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	24999	3.92	ng/uL	0.00
5) Phenol-d5	6.82	99	458559	21.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	267138	24.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	408239	22.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	338358	19.70	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	192588	22.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	215488	22.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	418904	22.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	385064	18.84	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	1293437	24.98	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1554924	25.11	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	155959	15.75	ng/ul	0.00
58) Fluorene-d10	15.27	176	1171683	26.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	133901	16.81	ng/ul	0.00
71) Anthracene-d10	17.13	188	1730954	26.65	ng/ul	0.00
79) Pyrene-d10	19.37	212	1978679	27.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	2129017	27.41	ng/ul	0.00

Target Compounds

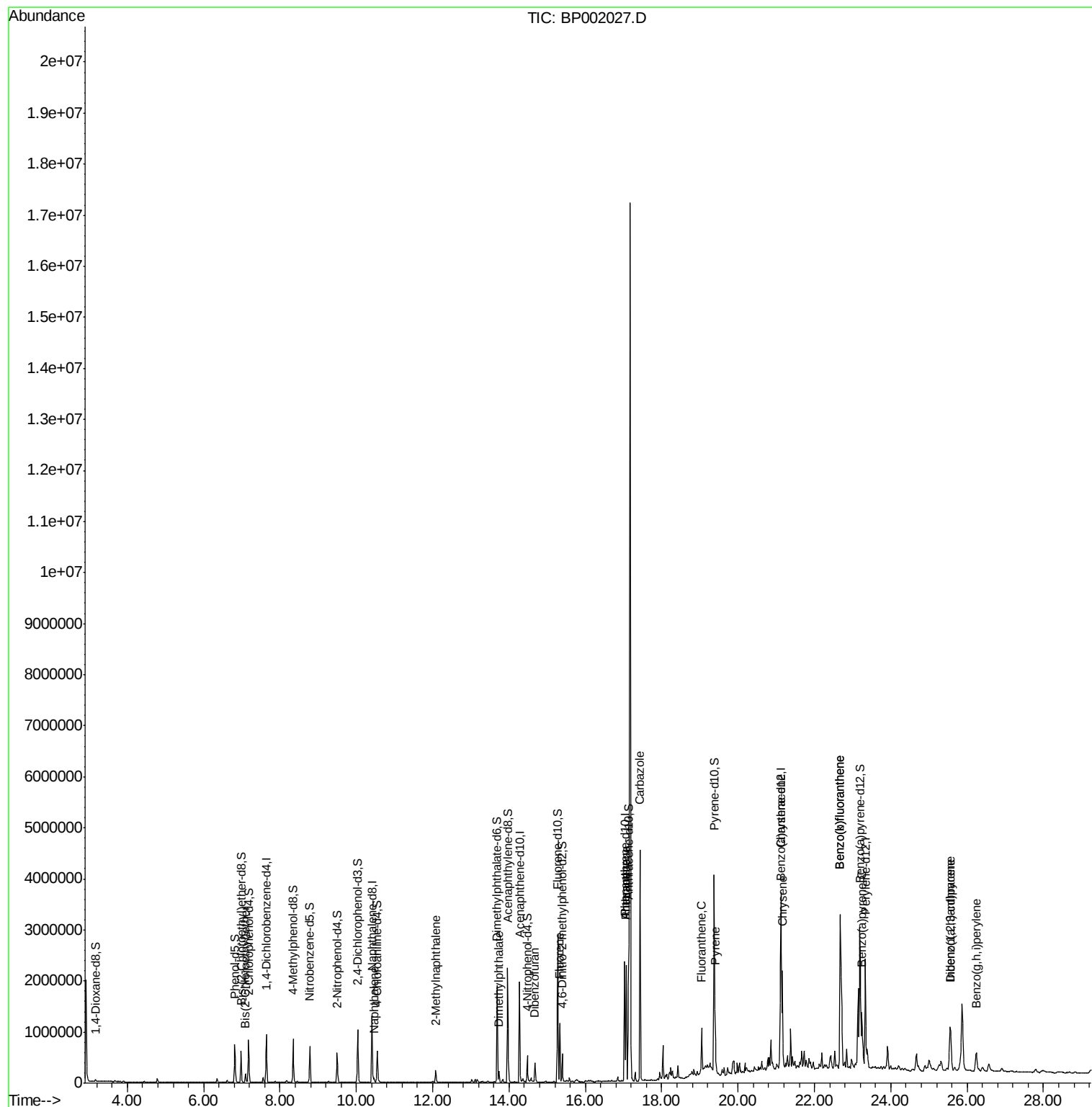
					Ovalue	
8) Bis(2-Chloroethyl)ether	7.09	93	67826	3.984	ng/ul#	27
28) Naphthalene	10.46	128	69488	1.158	ng/ul	99
34) 2-Methylnaphthalene	12.08	142	124189	2.947	ng/ul	98
45) Dimethylphthalate	13.73	163	135189	2.529	ng/ul	100
54) Dibenzofuran	14.67	168	253048	4.058	ng/ul	99
59) Fluorene	15.33	166	513683	10.309	ng/ul	97
70) Phenanthrene	17.07	178	1397961	17.560	ng/ul	100
72) Anthracene	17.07	178	1397961	17.735	ng/ul	99
75) Carbazole	17.43	167	2959743	44.592	ng/ul	100
77) Fluoranthene	19.05	202	520914	5.672	ng/ul	100
80) Pyrene	19.40	202	715938	7.702	ng/ul	99
83) Benzo(a)anthracene	21.11	228	711230	7.700	ng/ul	95
85) Chrysene	21.16	228	1251579	14.202	ng/ul	98
88) Benzo(b)fluoranthene	22.67	252	2584218	27.148	ng/ul	99
89) Benzo(k)fluoranthene	22.67	252	2584218	27.734	ng/ul	99
91) Benzo(a)pyrene	23.24	252	786055	9.096	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.56	276	712930	6.365	ng/ul	94
93) Dibenzo(a,h)anthracene	25.56	278	201768	2.179	ng/ul#	93
94) Benzo(g,h,i)perylene	26.24	276	448551	4.744	ng/ul	99

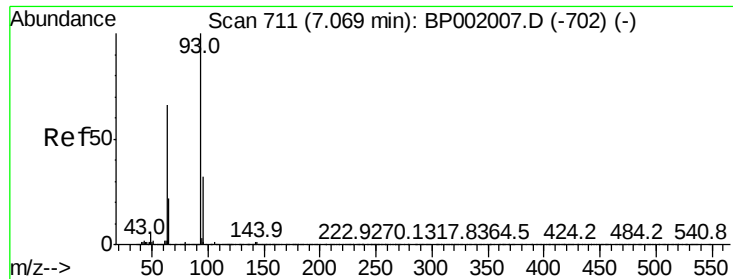
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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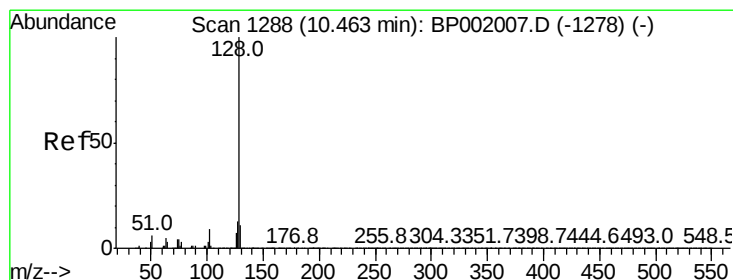
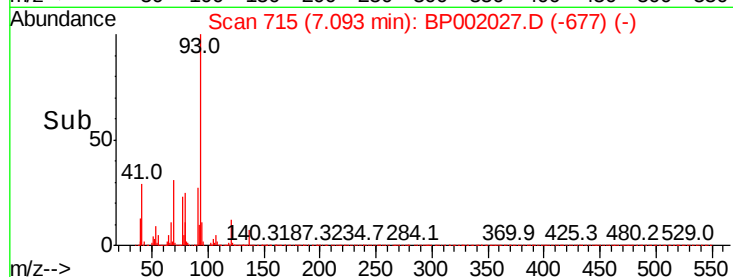
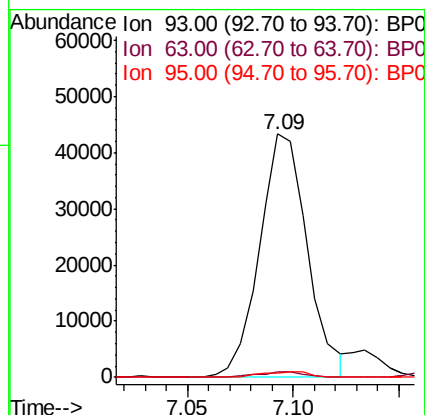
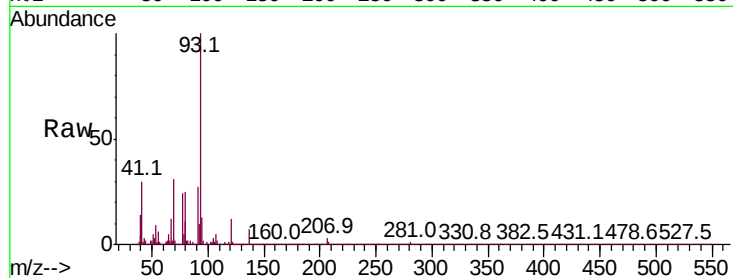




#8
 Bis(2-Chloroethyl)ether
 Concen: 3.984 ng/ul
 RT: 7.09 min Scan# 715
 Delta R.T. 0.02 min
 Lab File: BP002027.D
 Acq: 03 Mar 2020 17:53

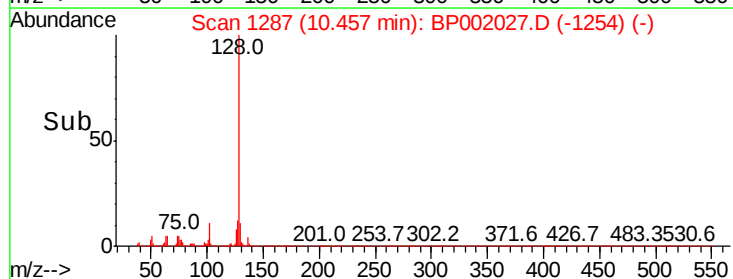
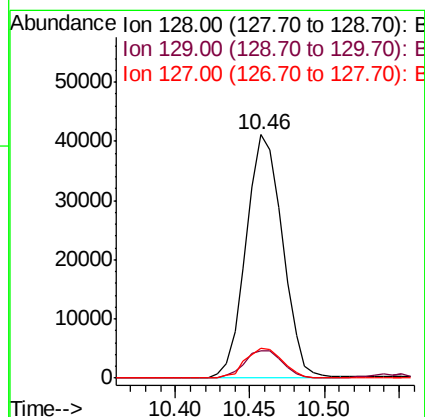
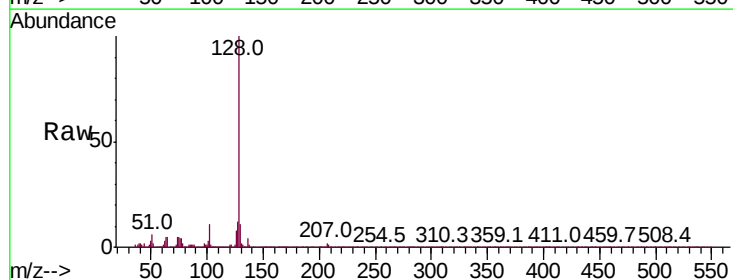
Instrument :
 BNA_P
 ClientSampleId :

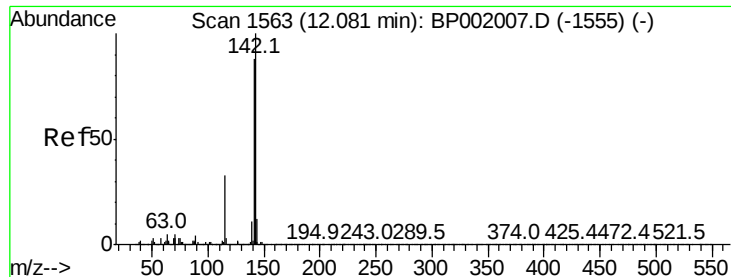
Tot Ion	93	Resp	67826
Ion Ratio	Lower	Upper	
93	100		
63	2.1	54.2	81.4#
95	2.0	26.6	39.8#



#28
 Naphthalene
 Concen: 1.158 ng/ul
 RT: 10.46 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: BP002027.D
 Acq: 03 Mar 2020 17:53

Tgt Ion	128	Resp	69488
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.8	13.2
127	12.3	10.2	15.2

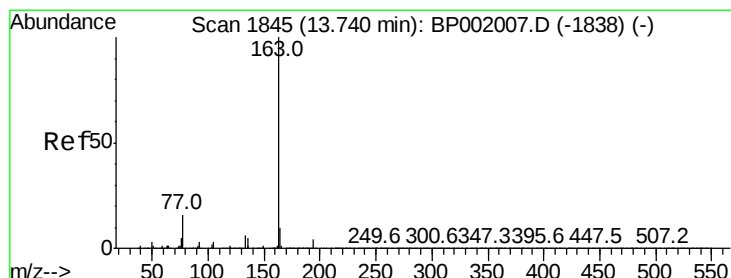
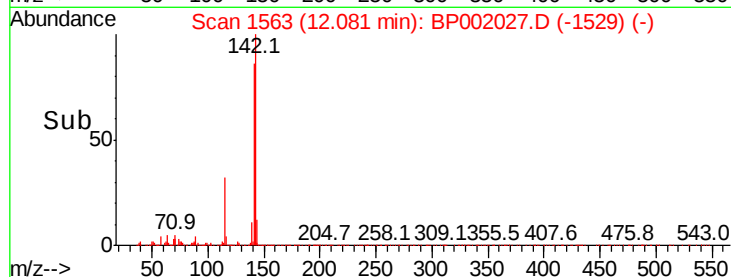
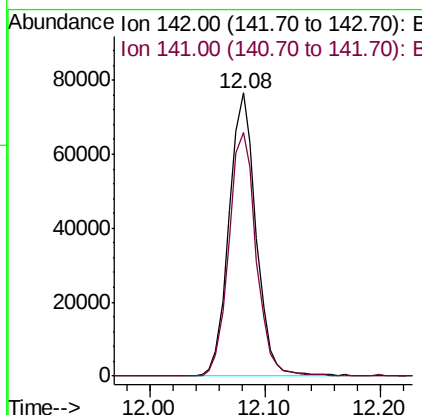
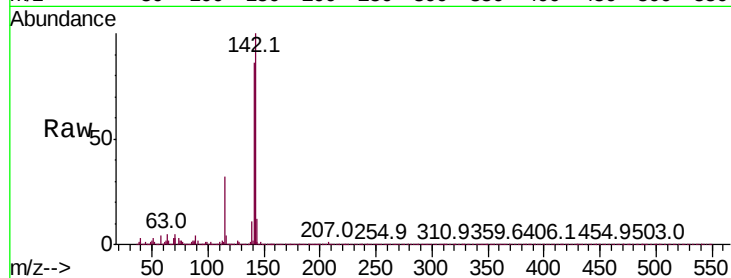




#34
2-Methylnaphthalene
Concen: 2.947 ng/ul
RT: 12.08 min Scan# 1563
Delta R.T. 0.00 min
Lab File: BP002027.D
Acq: 03 Mar 2020 17:53

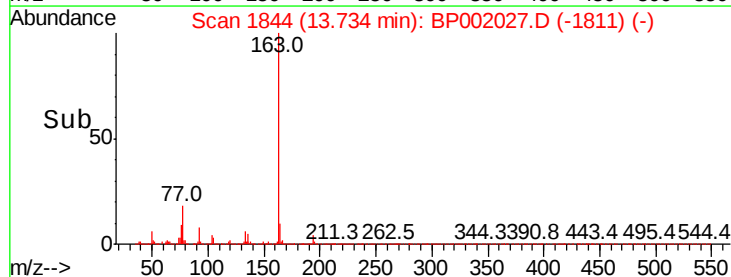
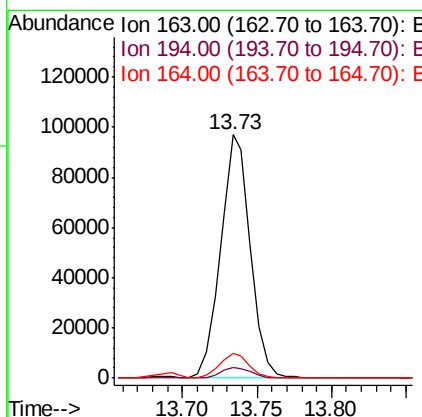
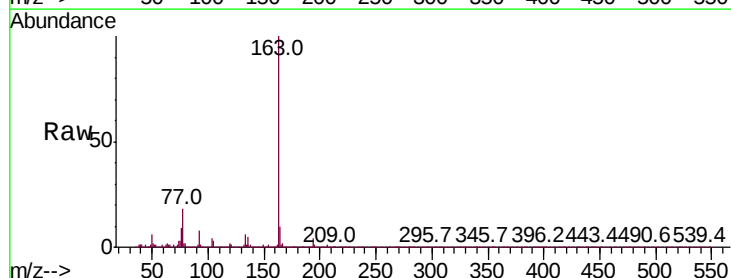
Instrument :
BNA_P
ClientSampleId :

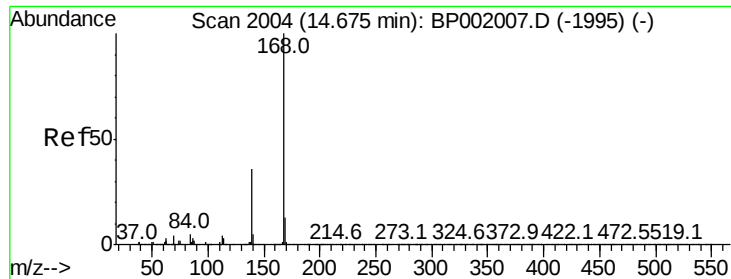
Tot Ion:142 Resp: 124189
Ion Ratio Lower Upper
142 100
141 86.3 70.8 106.2



#45
Dimethylphthalate
Concen: 2.529 ng/ul
RT: 13.73 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BP002027.D
Acq: 03 Mar 2020 17:53

Tgt Ion:163 Resp: 135189
Ion Ratio Lower Upper
163 100
194 4.5 3.6 5.4
164 10.2 8.2 12.4





#54

Dibenzenofuran

Concen: 4.058 ng/ul

RT: 14.67 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BP002027.D

Acq: 03 Mar 2020 17:53

Instrument :

BNA_P

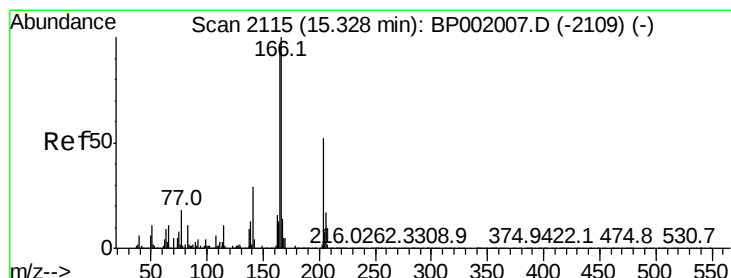
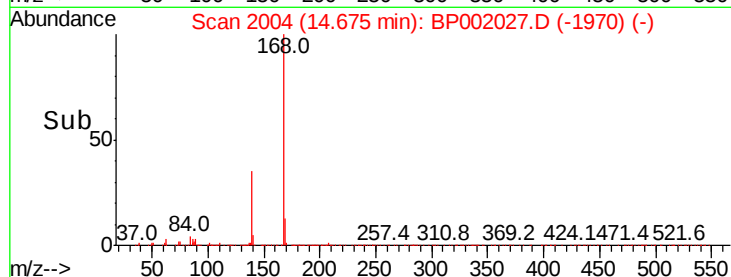
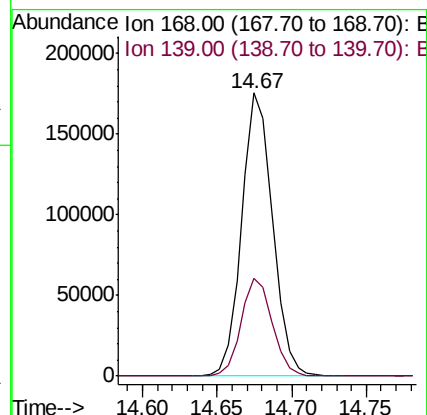
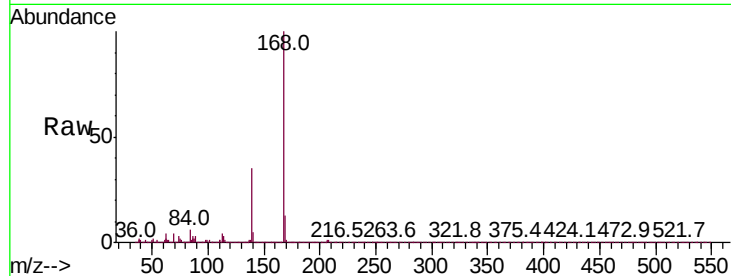
ClientSampleId :

Tot Ion:168 Resp: 253048

Ion Ratio Lower Upper

168 100

139 34.8 28.3 42.5



#59

Fluorene

Concen: 10.309 ng/ul

RT: 15.33 min Scan# 2115

Delta R.T. 0.00 min

Lab File: BP002027.D

Acq: 03 Mar 2020 17:53

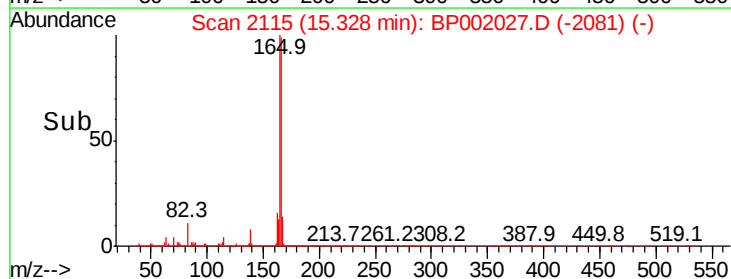
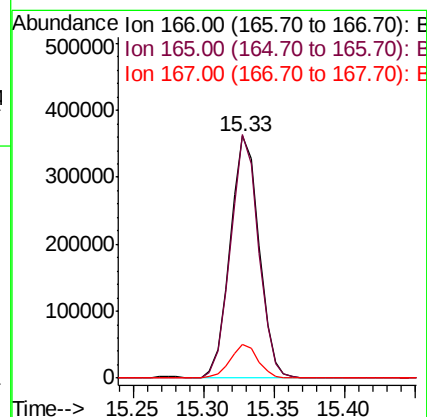
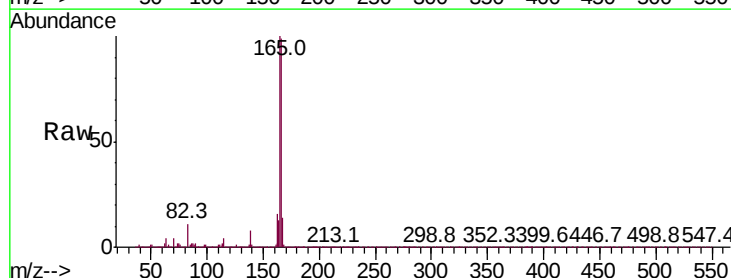
Tgt Ion:166 Resp: 513683

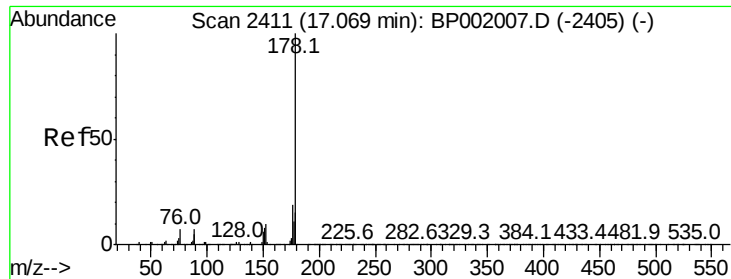
Ion Ratio Lower Upper

166 100

165 100.7 78.1 117.1

167 13.7 10.7 16.1

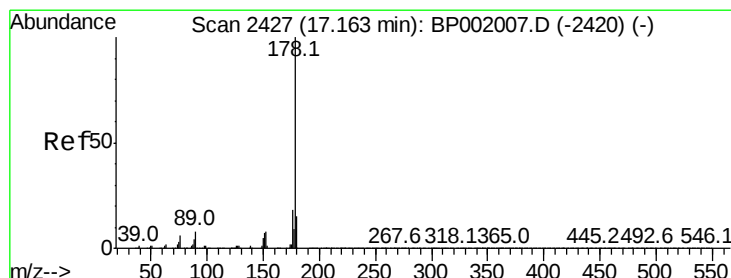
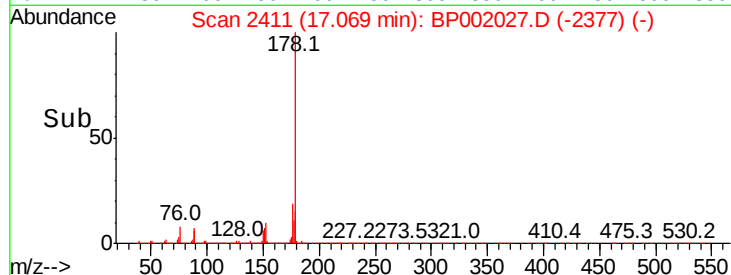
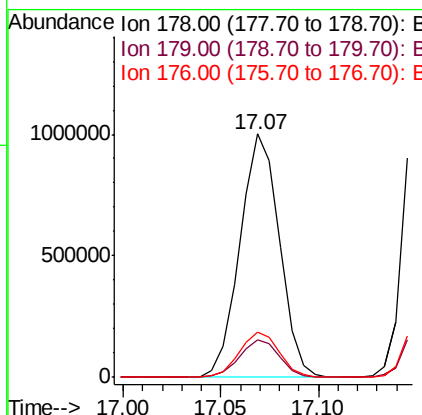
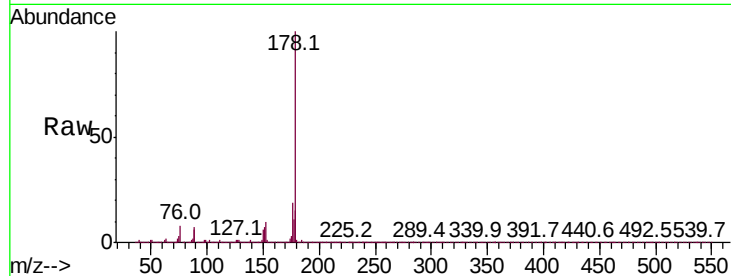




#70
Phenanthrene
Concen: 17.560 ng/ul
RT: 17.07 min Scan# 2411
Delta R.T. 0.00 min
Lab File: BP002027.D
Acq: 03 Mar 2020 17:53

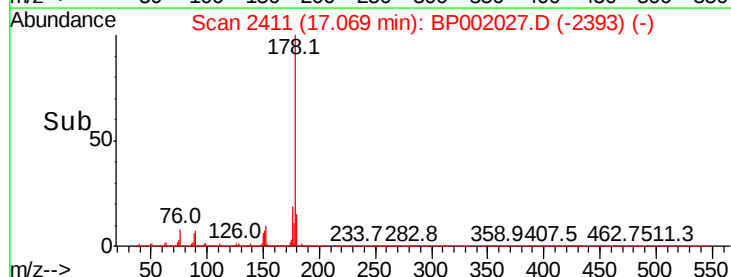
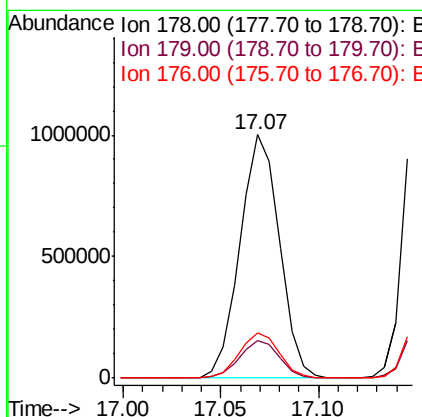
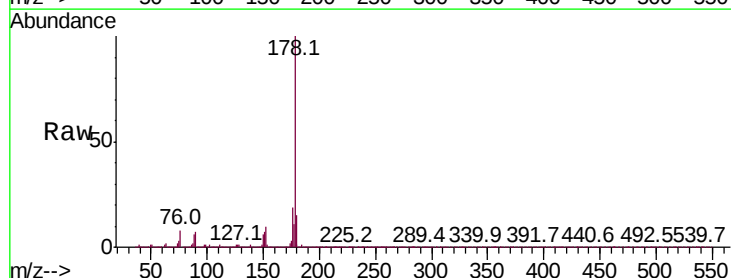
Instrument :
BNA_P
ClientSampleId :

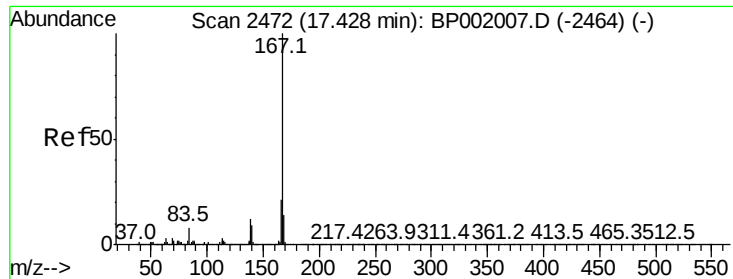
Tot Ion:178 Resp: 1397961
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.2
176 18.7 14.9 22.3



#72
Anthracene
Concen: 17.735 ng/ul
RT: 17.07 min Scan# 2411
Delta R.T. -0.09 min
Lab File: BP002027.D
Acq: 03 Mar 2020 17:53

Tgt Ion:178 Resp: 1397961
Ion Ratio Lower Upper
178 100
179 15.5 12.8 19.2
176 18.7 14.6 22.0





#75

Carbazole

Concen: 44.592 ng/ul

RT: 17.43 min Scan# 2473

Delta R.T. 0.01 min

Lab File: BP002027.D

Acq: 03 Mar 2020 17:53

Instrument :

BNA_P

ClientSampleId :

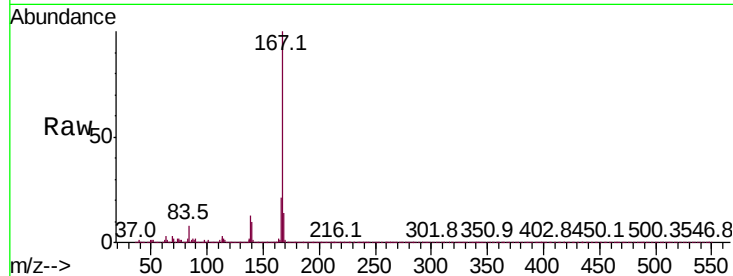
Tot Ion:167 Resp: 2959743

Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

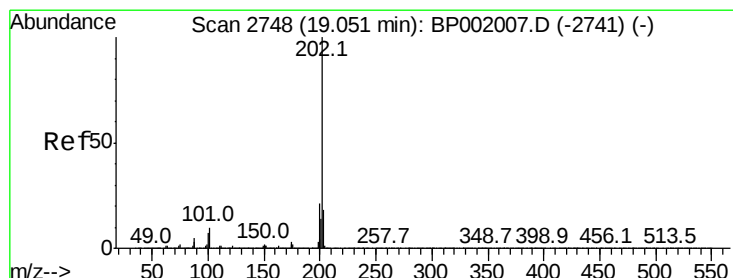
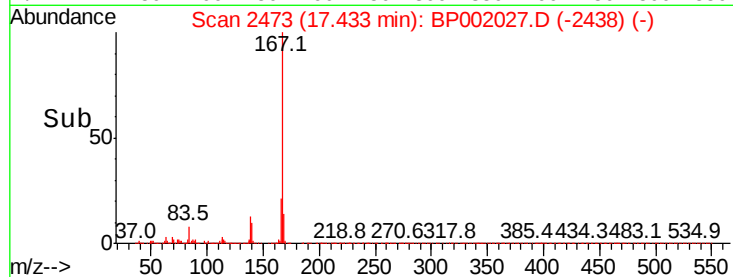
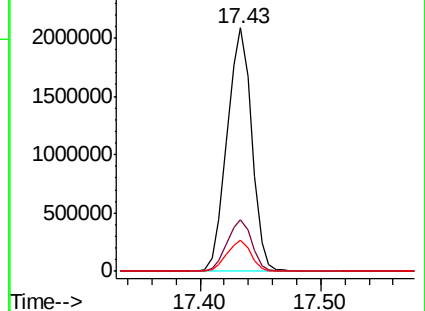
139 12.8 10.1 15.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#77

Fluoranthene

Concen: 5.672 ng/ul

RT: 19.05 min Scan# 2747

Delta R.T. -0.01 min

Lab File: BP002027.D

Acq: 03 Mar 2020 17:53

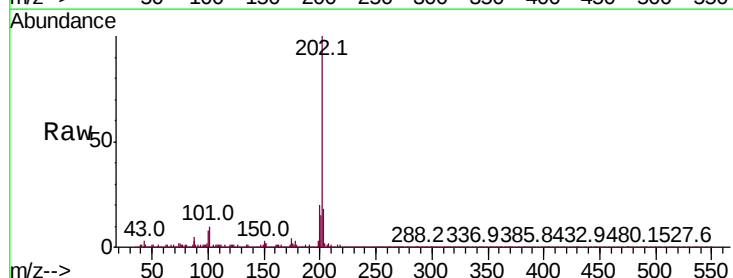
Tgt Ion:202 Resp: 520914

Ion Ratio Lower Upper

202 100

101 10.3 8.2 12.2

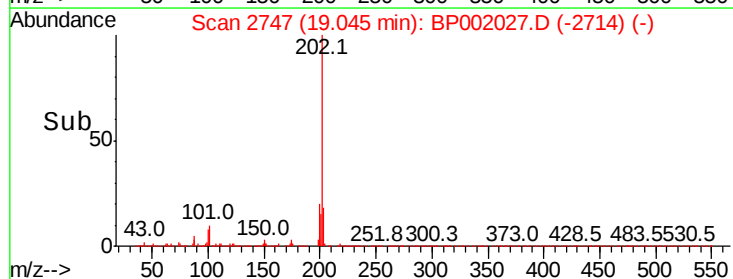
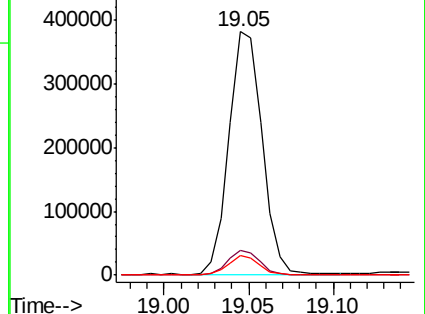
100 8.0 6.3 9.5

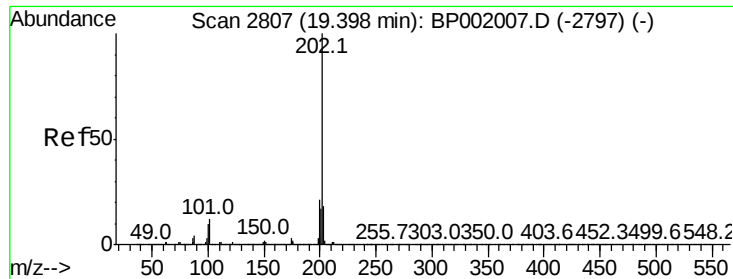


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

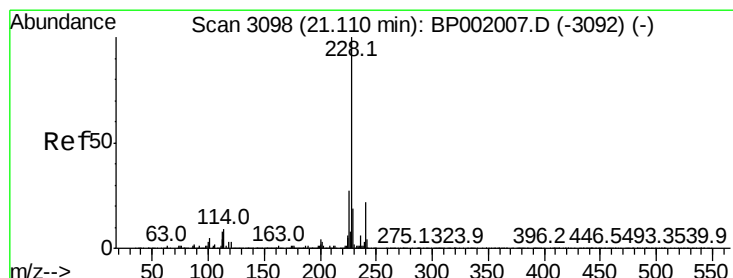
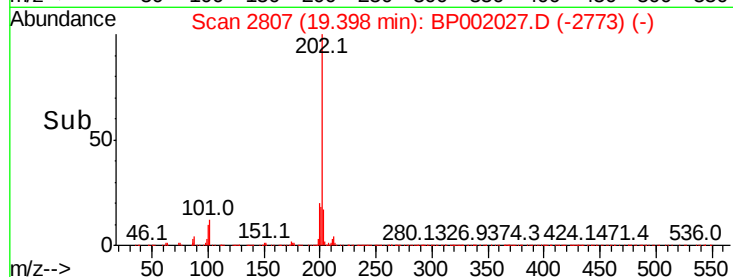
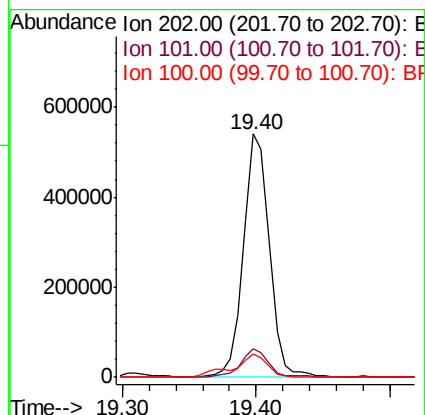
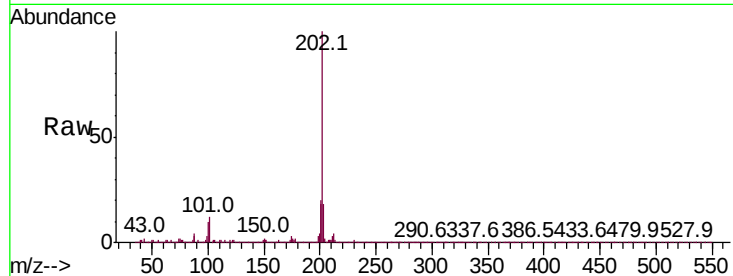




#80
Pvrene
Concen: 7.702 ng/ul
RT: 19.40 min Scan# 2807
Delta R.T. 0.00 min
Lab File: BP002027.D
Acq: 03 Mar 2020 17:53

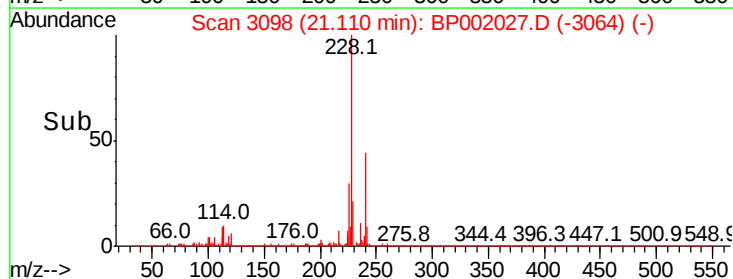
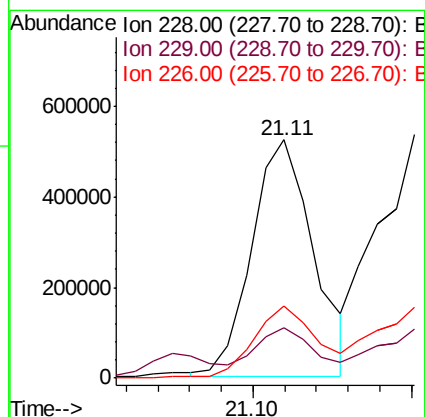
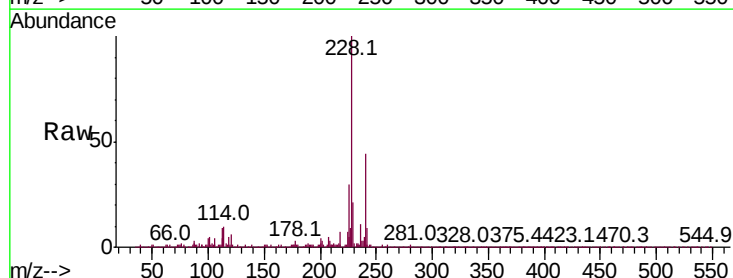
Instrument :
BNA_P
ClientSampleId :

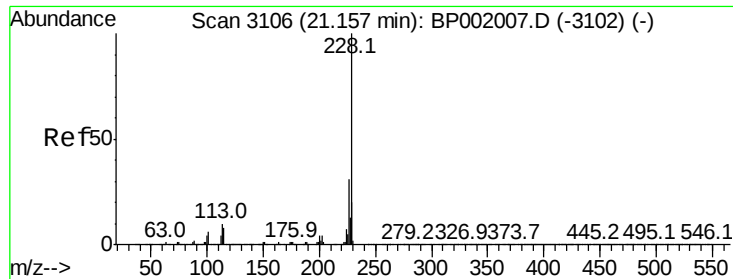
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.3	13.9
100	9.6	7.6	11.4



#83
Benzo(a)anthracene
Concen: 7.700 ng/ul
RT: 21.11 min Scan# 3098
Delta R.T. 0.00 min
Lab File: BP002027.D
Acq: 03 Mar 2020 17:53

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.7	23.5
226	30.2	21.4	32.0

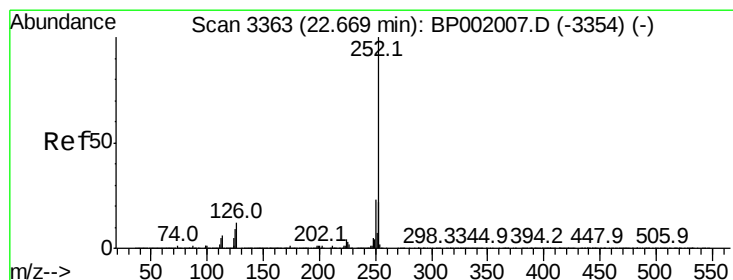
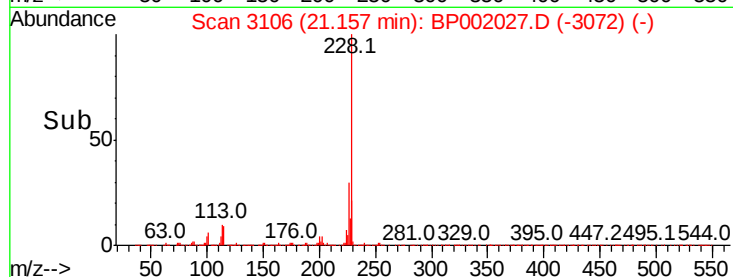
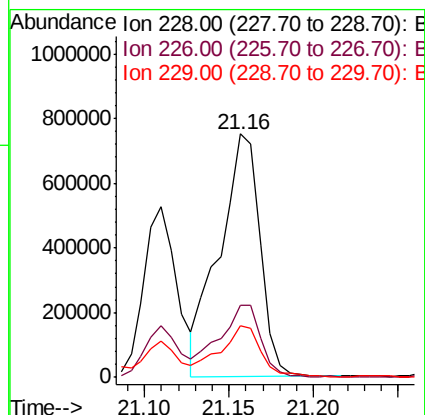
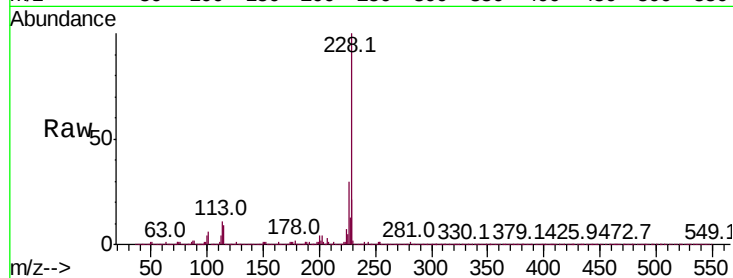




#85
Chrysene
Concen: 14.202 ng/ul
RT: 21.16 min Scan# 3106
Delta R.T. 0.00 min
Lab File: BP002027.D
Acq: 03 Mar 2020 17:53

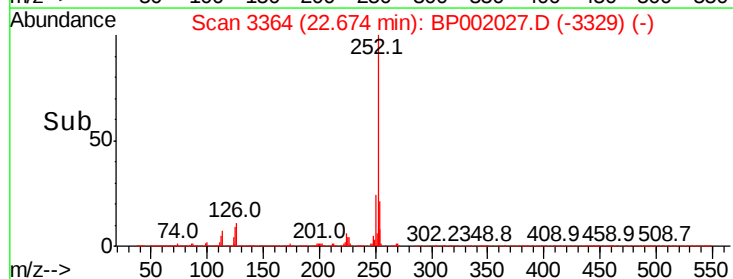
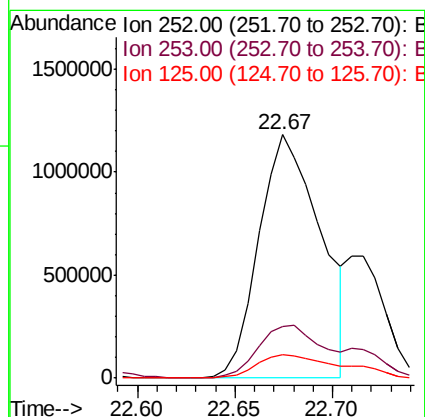
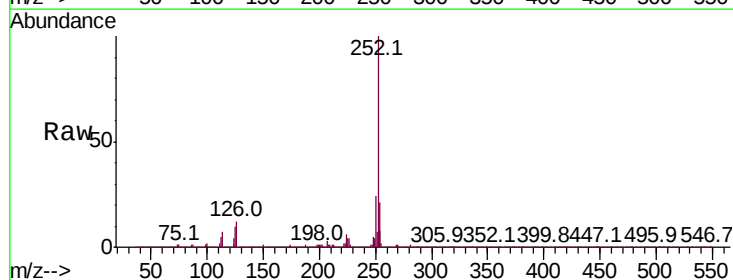
Instrument :
BNA_P
ClientSampled :

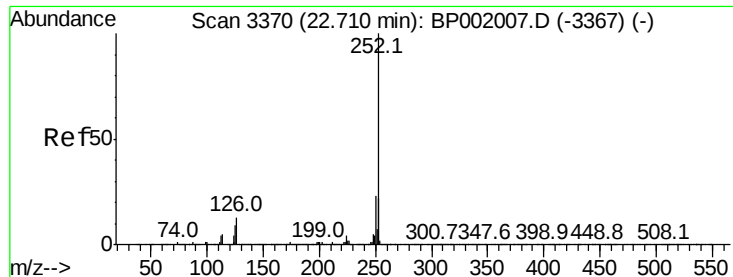
Tot Ion:228 Resp: 1251579
Ion Ratio Lower Upper
228 100
226 29.8 24.4 36.6
229 21.3 15.9 23.9



#88
Benzo(b)fluoranthene
Concen: 27.148 ng/ul
RT: 22.67 min Scan# 3364
Delta R.T. 0.01 min
Lab File: BP002027.D
Acq: 03 Mar 2020 17:53

Tgt Ion:252 Resp: 2584218
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 9.5 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 27.734 ng/ul

RT: 22.67 min Scan# 3364

Delta R.T. -0.04 min

Lab File: BP002027.D

Acq: 03 Mar 2020 17:53

Instrument :

BNA_P

ClientSampleId :

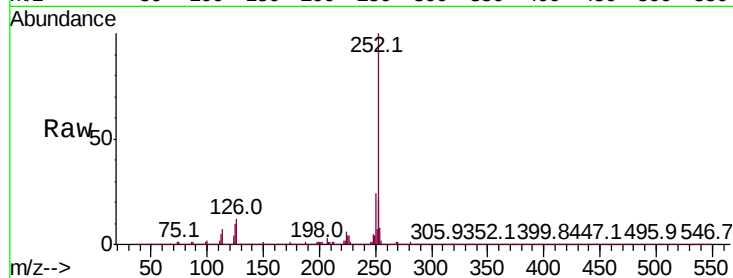
Tot Ion:252 Resp: 2584218

Ion Ratio Lower Upper

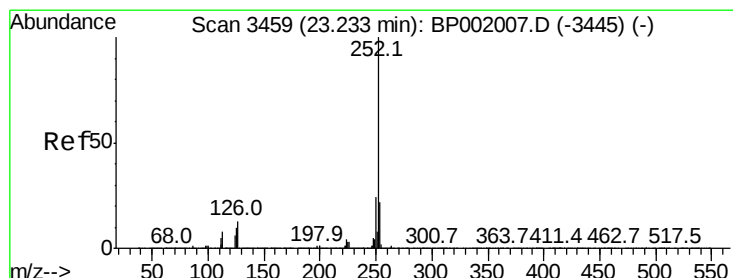
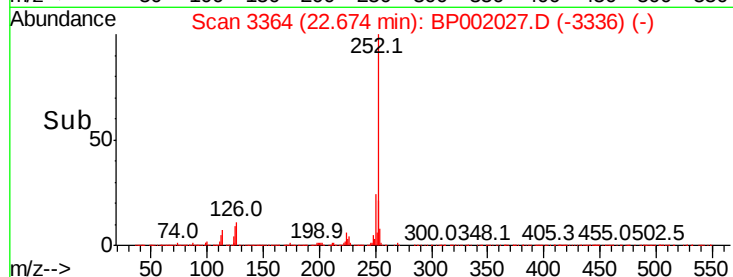
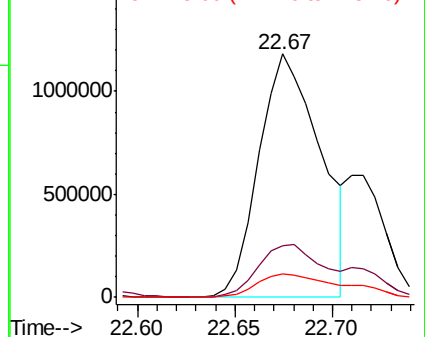
252 100

253 21.3 17.5 26.3

125 9.5 7.4 11.0



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: 9.096 ng/ul

RT: 23.24 min Scan# 3460

Delta R.T. 0.01 min

Lab File: BP002027.D

Acq: 03 Mar 2020 17:53

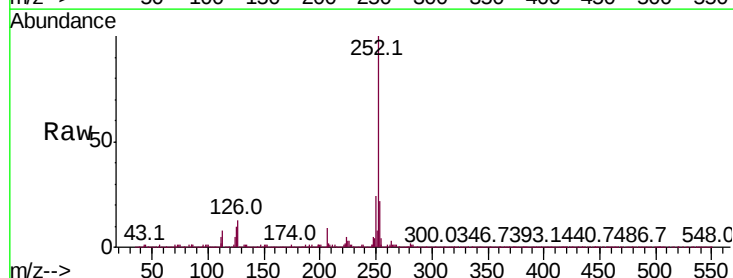
Tgt Ion:252 Resp: 786055

Ion Ratio Lower Upper

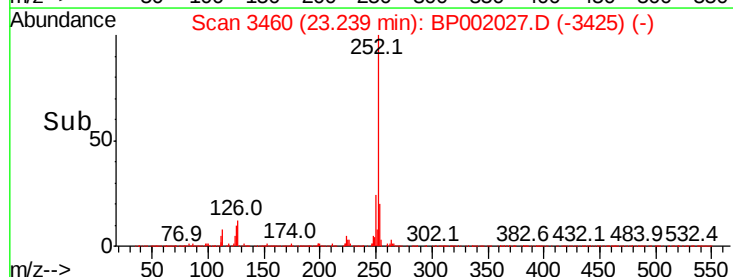
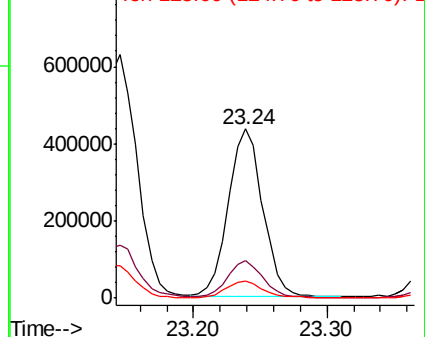
252 100

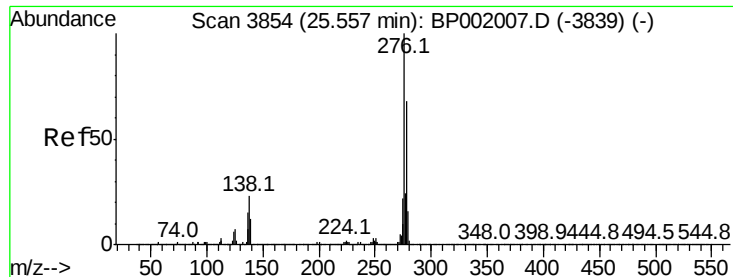
253 22.3 17.4 26.0

125 10.3 8.2 12.2



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



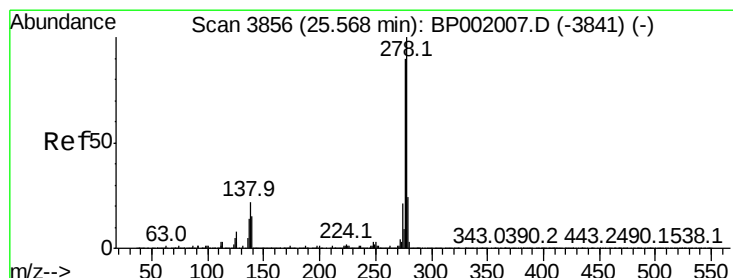
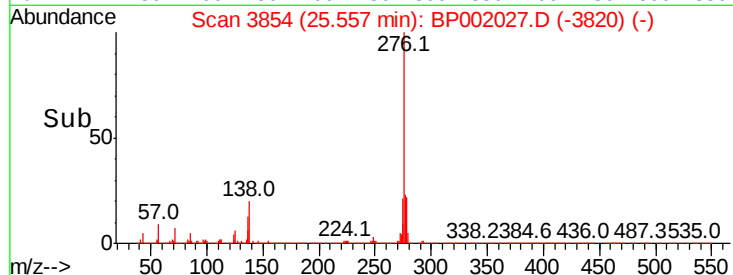
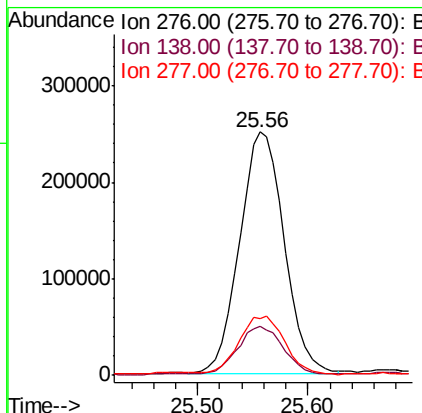
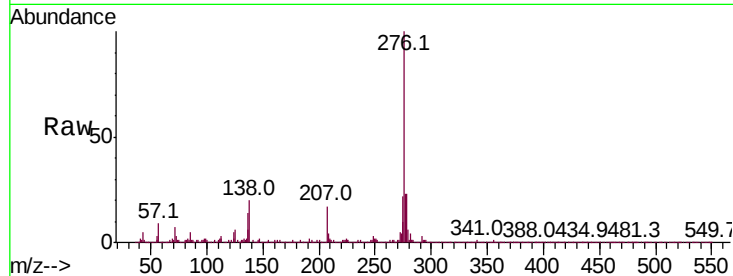


#92

Indeno(1,2,3-cd)pyrene
Concen: 6.365 ng/ul
RT: 25.56 min Scan# 3854
Delta R.T. 0.00 min
Lab File: BP002027.D
Acq: 03 Mar 2020 17:53

Instrument :
BNA_P
ClientSampleId :

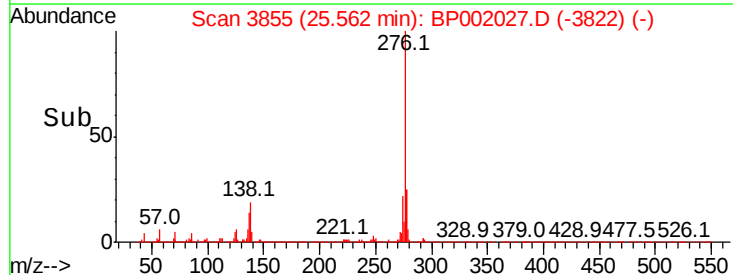
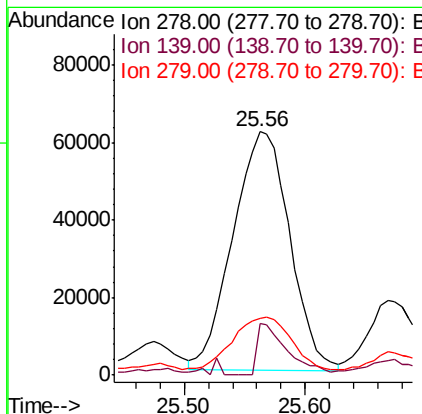
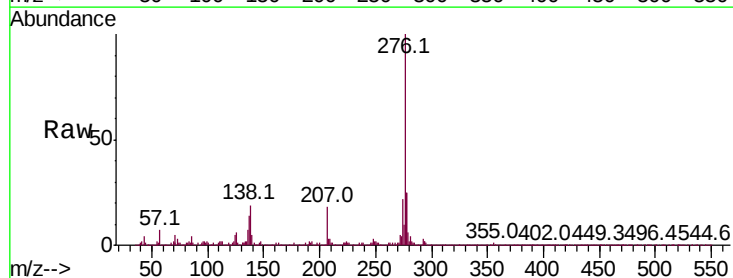
Tot Ion	Ratio	Lower	Upper
276	100		
138	19.9	18.6	28.0
277	23.2	20.4	30.6

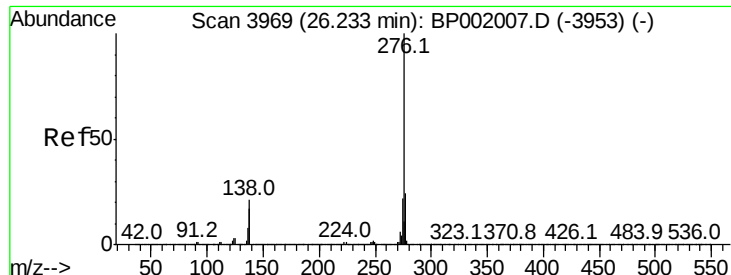


#93

Dibenzo(a,h)anthracene
Concen: 2.179 ng/ul
RT: 25.56 min Scan# 3855
Delta R.T. -0.01 min
Lab File: BP002027.D
Acq: 03 Mar 2020 17:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.0	12.1	18.1#
279	23.1	19.1	28.7





#94

Benzo(a,h,i)perylene

Concen: 4.744 ng/ul

RT: 26.24 min Scan# 3970

Delta R.T. 0.01 min

Lab File: BP002027.D

Acq: 03 Mar 2020 17:53

Instrument :

BNA_P

ClientSampleId :

Tot Ion:276 Resp: 448551

Ion Ratio Lower Upper

276 100

138 19.7 16.2 24.2

277 23.4 18.1 27.1

