

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP091219\
 Data File : BP000225.D
 Acq On : 12 Sep 2019 19:45
 Operator : HP/JU
 Sample : K4633-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 13 01:51:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 02:43:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	312341	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1178712	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	618869	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.46	188	1109520	20.00	ng/ul	0.00
78) Chrysene-d12	14.18	240	910141	20.00	ng/ul	0.04
86) Perylene-d12	15.79	264	844356	20.00	ng/ul	0.10

System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.62	96	31497	3.58	ng/uL	0.01
5) Phenol-d5	6.52	99	588686	22.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.58	67	305317	21.95	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	494423	22.98	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	443037	22.17	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	231927	25.91	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	253127	29.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	429694	23.23	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	47495	2.08	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1162206	25.43	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	1368039	24.22	ng/ul	0.00
52) 4-Nitrophenol-d4	10.04	143	158080	19.36	ng/ul	0.00
58) Fluorene-d10	10.48	176	928285	23.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.55	200	95709	18.77	ng/ul	0.02
71) Anthracene-d10	11.52	188	1287733	23.97	ng/ul	0.00
79) Pyrene-d10	12.92	212	1300676	24.03	ng/ul	0.02
90) Benzo(a)pyrene-d12	15.67	264	921890	21.06	ng/ul	0.09

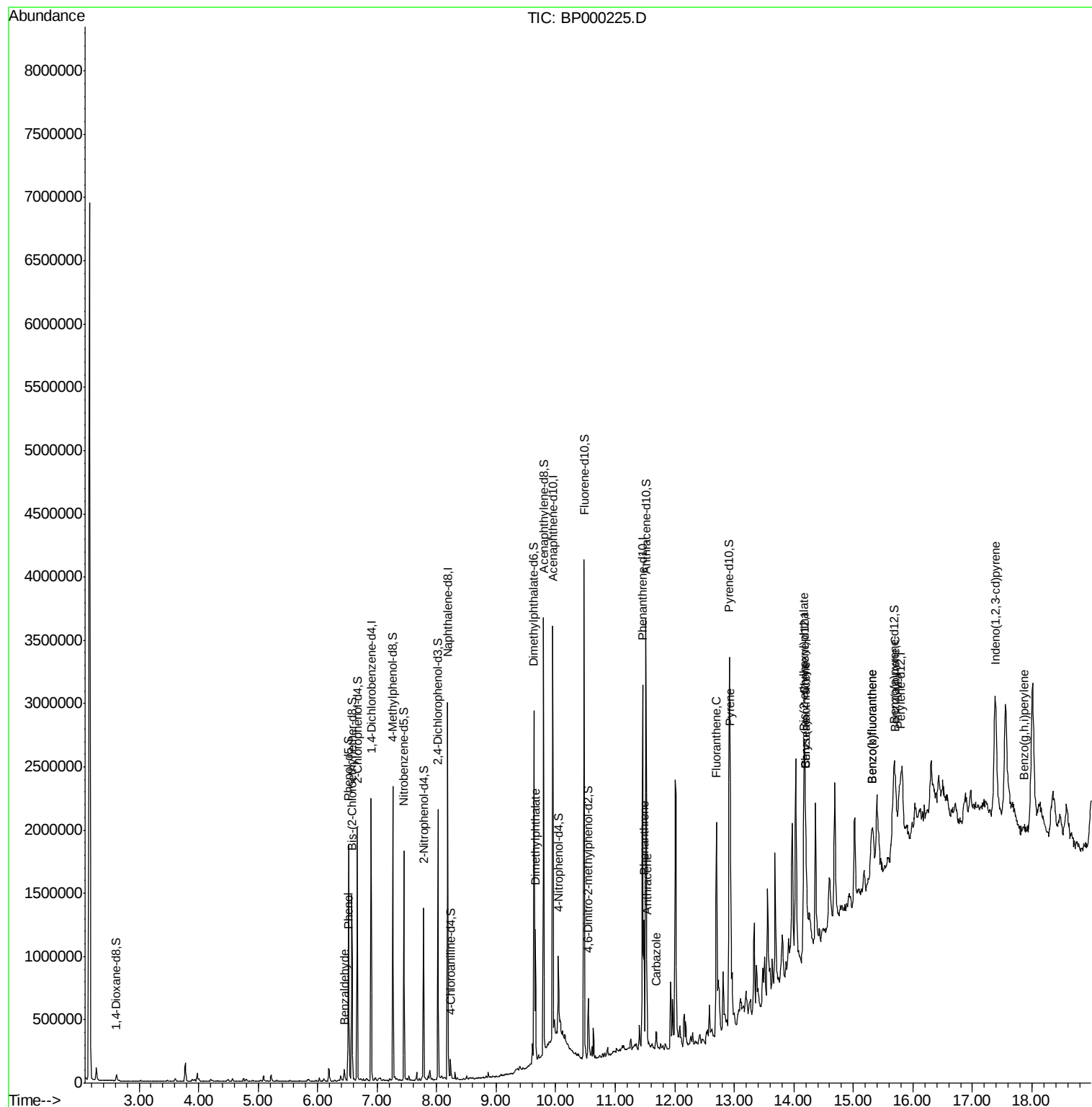
Target Compounds				Ovalue		
4) Benzaldehyde	6.45	77	17867	1.329	ng/ul	98
6) Phenol	6.53	94	112325	4.051	ng/ul	97
45) Dimethylphthalate	9.66	163	348115	7.549	ng/ul	100
70) Phenanthrene	11.48	178	371755	5.666	ng/ul	99
72) Anthracene	11.53	178	73372	1.136	ng/ul	98
75) Carbazole	11.69	167	73856	1.338	ng/ul	100
77) Fluoranthene	12.70	202	893826	13.506	ng/ul	99
80) Pyrene	12.93	202	727386	10.593	ng/ul	95
83) Benzo(a)anthracene	14.20	228	477350	7.245	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	14.16	149	61277	1.638	ng/ul#	96
85) Chrysene	14.20	228	477350	7.896	ng/ul	96
88) Benzo(b)fluoranthene	15.32	252	756646	13.521	ng/ul#	94
89) Benzo(k)fluoranthene	15.32	252	756646	14.343	ng/ul#	95
91) Benzo(a)pyrene	15.71	252	213996	4.076	ng/ul#	86
92) Indeno(1,2,3-cd)pyrene	17.40	276	168319	2.787	ng/ul#	72
94) Benzo(g,h,i)perylene	17.88	276	72474	1.439	ng/ul#	76

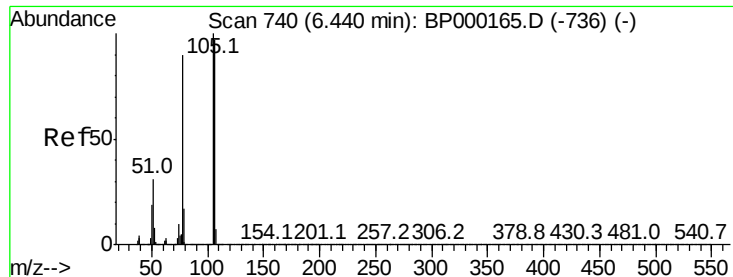
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.329 ng/ul

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BP000225.D

Acq: 12 Sep 2019 19:45

Instrument :

BNA_P

ClientSampled :

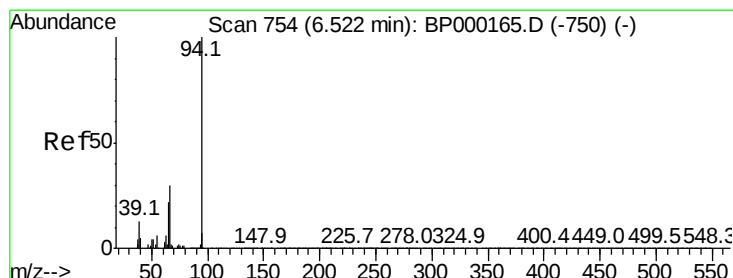
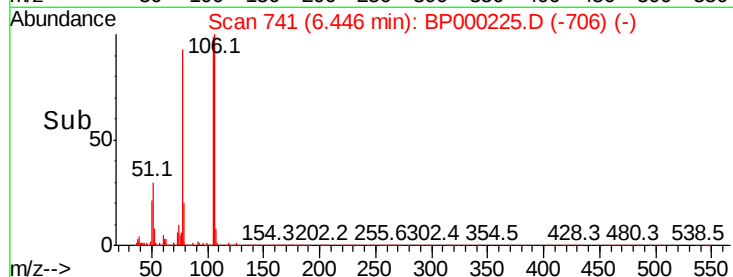
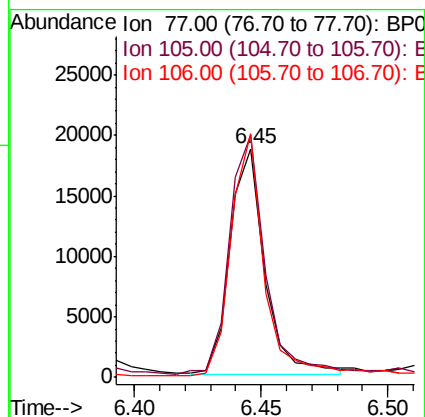
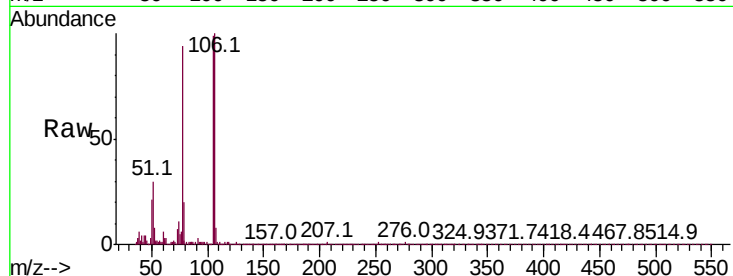
Tot Ion: 77 Resp: 17867

Ion Ratio Lower Upper

77 100

105 105.9 87.5 131.3

106 106.5 84.7 127.1



#6

Phenol

Concen: 4.051 ng/ul

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BP000225.D

Acq: 12 Sep 2019 19:45

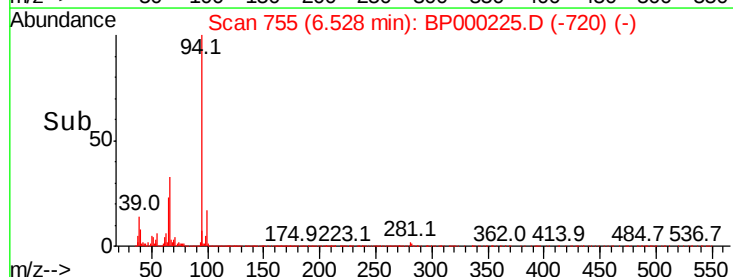
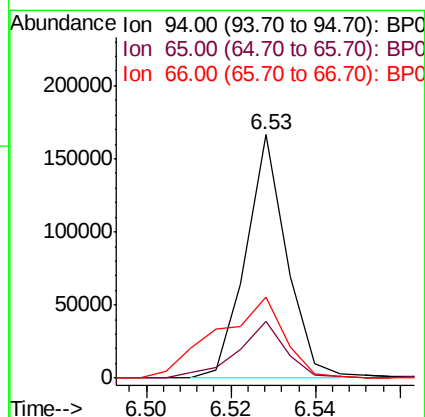
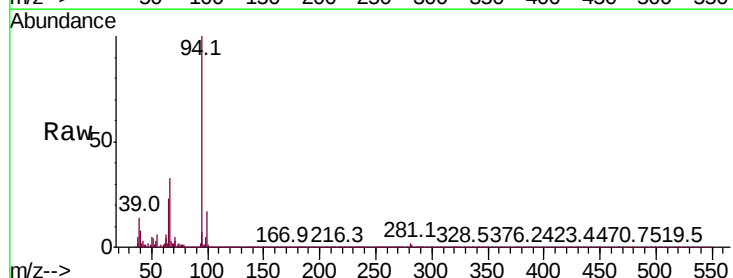
Tgt Ion: 94 Resp: 112325

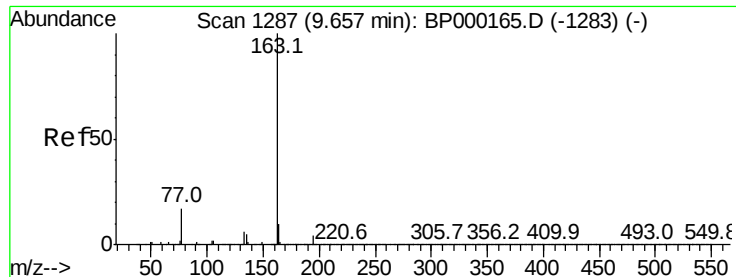
Ion Ratio Lower Upper

94 100

65 23.4 18.8 28.2

66 33.3 24.2 36.2

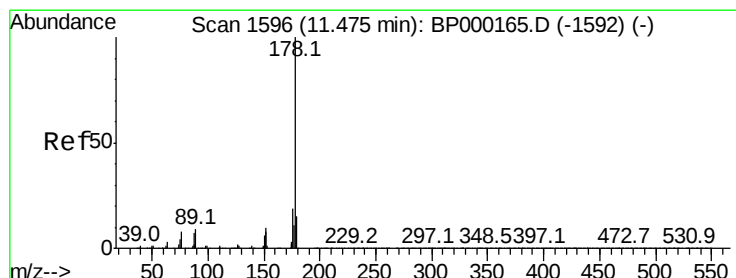
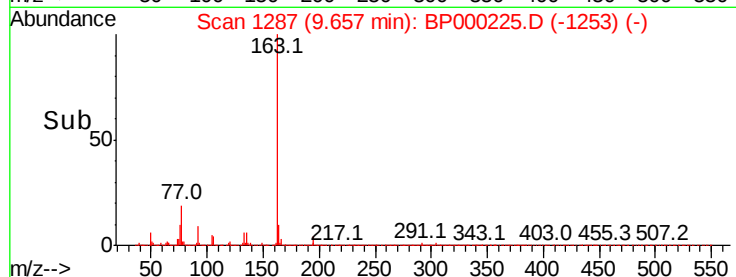
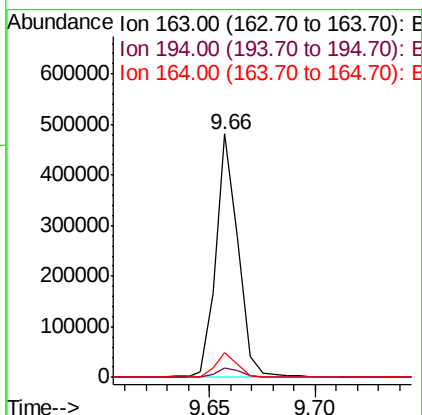
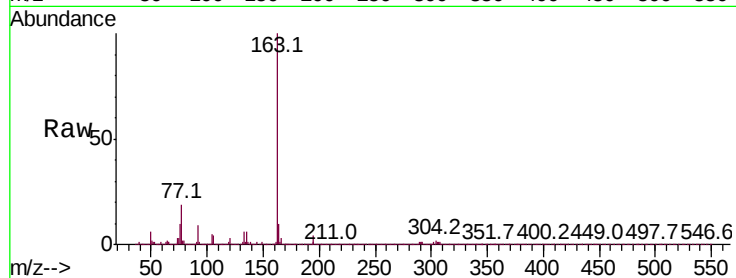




#45
Dimethylphthalate
Concen: 7.549 ng/ul
RT: 9.66 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BP000225.D
Acq: 12 Sep 2019 19:45

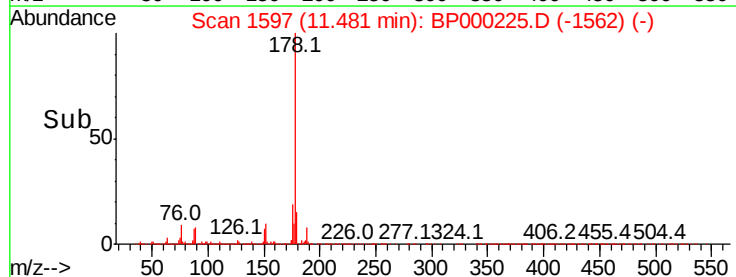
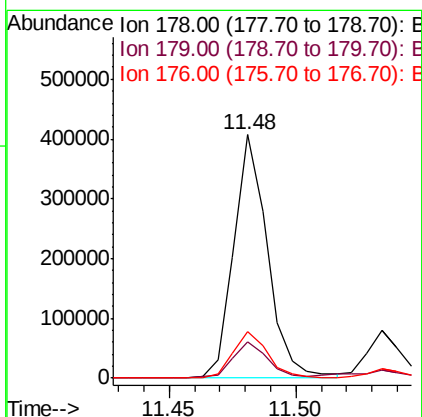
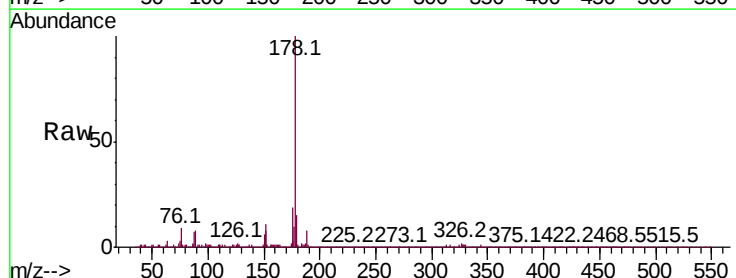
Instrument :
BNA_P
ClientSampleId :

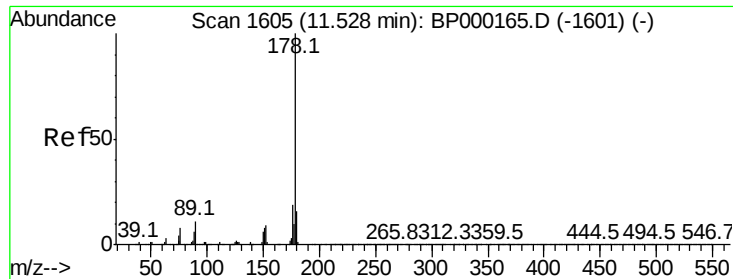
Tot Ion:163 Resp: 348115
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.4 8.4 12.6



#70
Phenanthrene
Concen: 5.666 ng/ul
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BP000225.D
Acq: 12 Sep 2019 19:45

Tgt Ion:178 Resp: 371755
Ion Ratio Lower Upper
178 100
179 15.0 12.5 18.7
176 19.2 15.7 23.5





#72

Anthracene

Concen: 1.136 ng/ul

RT: 11.53 min Scan# 1606

Delta R.T. 0.01 min

Lab File: BP000225.D

Acq: 12 Sep 2019 19:45

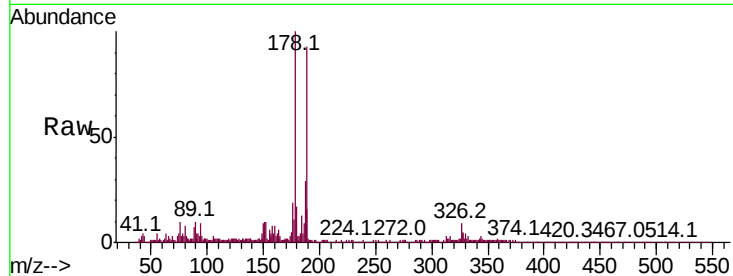
Instrument :

BNA_P

ClientSampleId :

Tot Ion:178 Resp: 73372

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.3	18.5
176	18.9	15.1	22.7

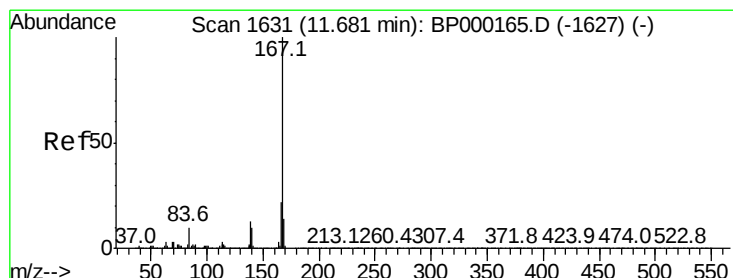
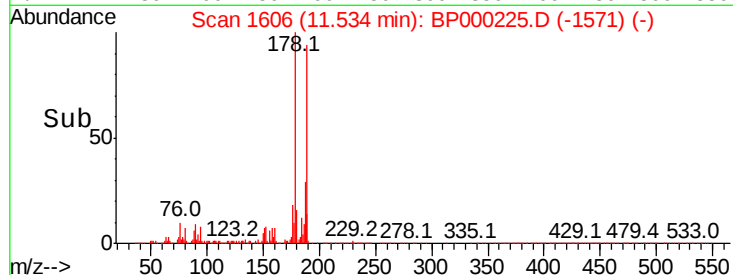
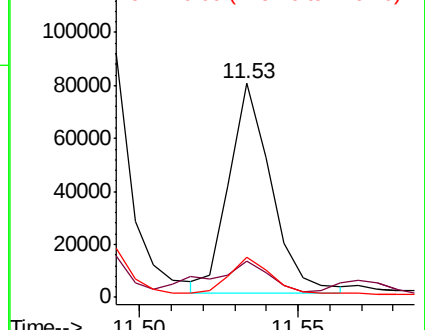


Abundance

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



#75

Carbazole

Concen: 1.338 ng/ul

RT: 11.69 min Scan# 1633

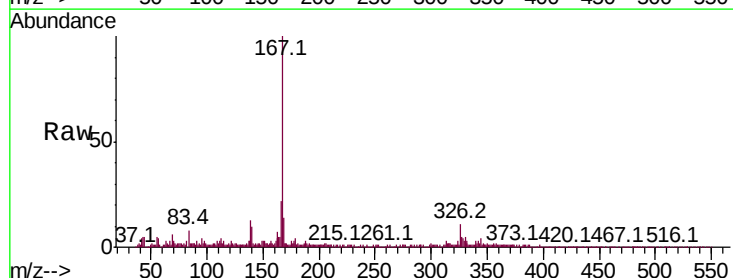
Delta R.T. 0.01 min

Lab File: BP000225.D

Acq: 12 Sep 2019 19:45

Tgt Ion:167 Resp: 73856

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.3	25.9
139	13.2	10.6	15.8

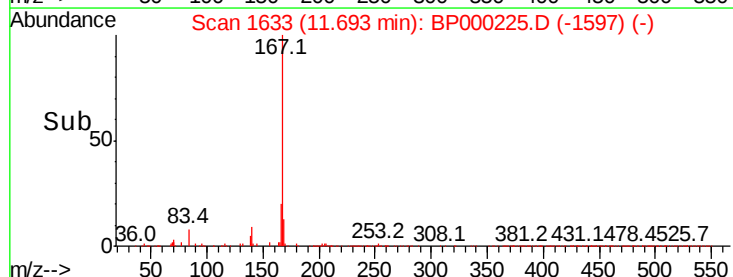
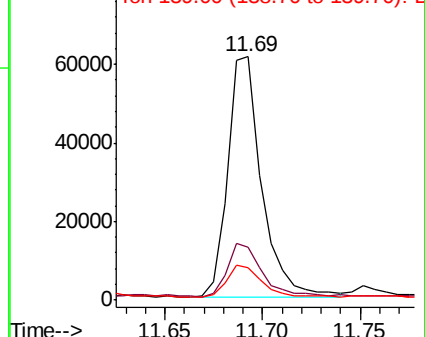


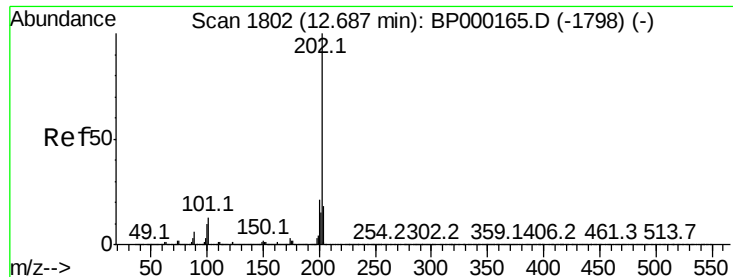
Abundance

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: 13.506 ng/ul

RT: 12.70 min Scan# 1804

Delta R.T. 0.01 min

Lab File: BP000225.D

Acq: 12 Sep 2019 19:45

Instrument :

BNA_P

ClientSampleId :

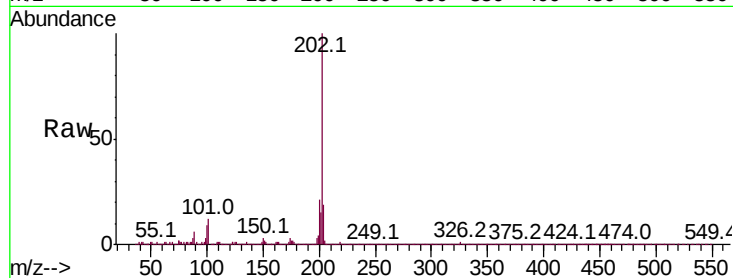
Tot Ion:202 Resp: 893826

Ion Ratio Lower Upper

202 100

101 12.2 10.0 15.0

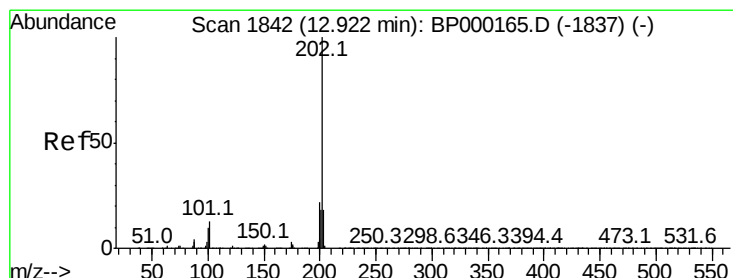
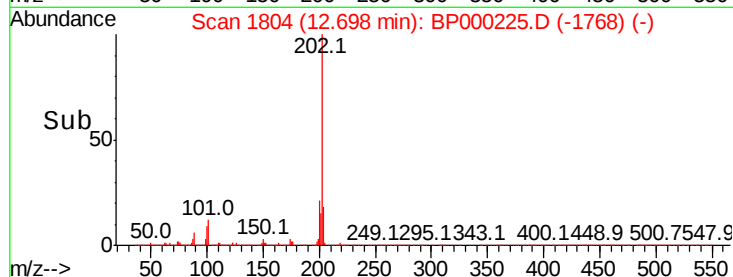
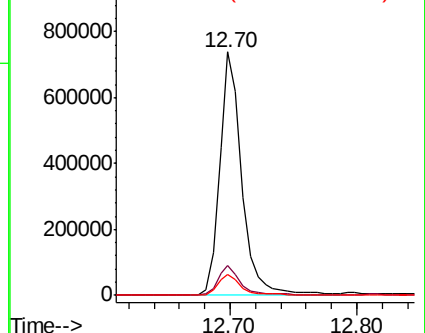
100 8.6 7.4 11.2



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): BF



#80

Pyrene

Concen: 10.593 ng/ul

RT: 12.93 min Scan# 1844

Delta R.T. 0.02 min

Lab File: BP000225.D

Acq: 12 Sep 2019 19:45

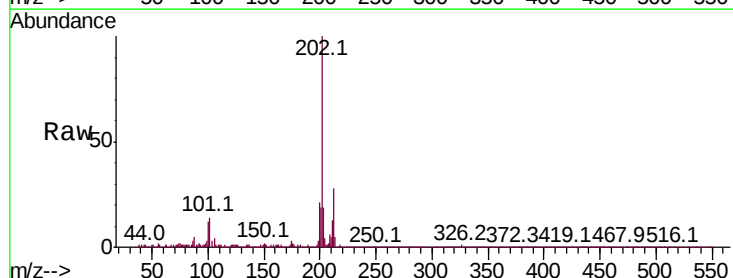
Tgt Ion:202 Resp: 727386

Ion Ratio Lower Upper

202 100

101 14.4 13.4 20.0

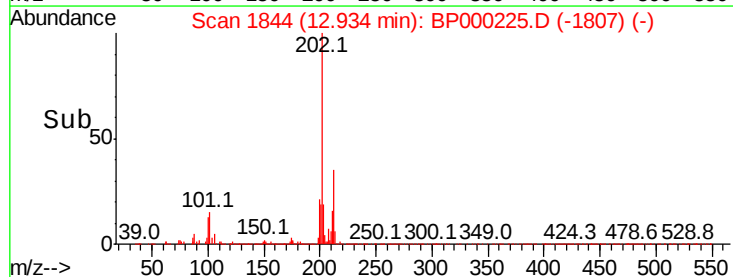
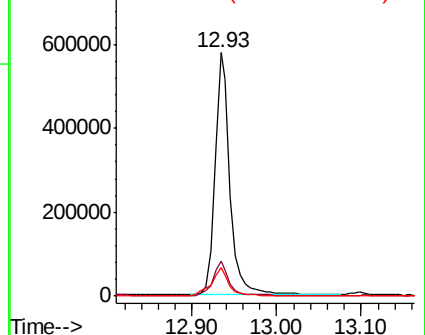
100 12.0 10.8 16.2

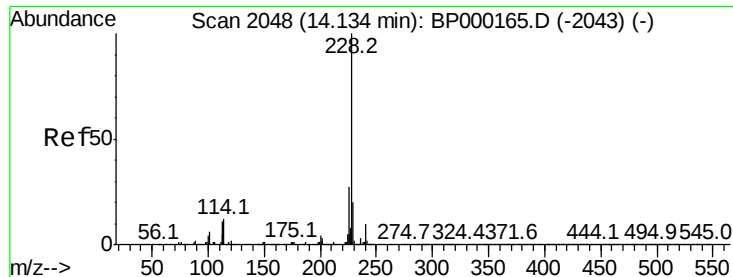


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BF

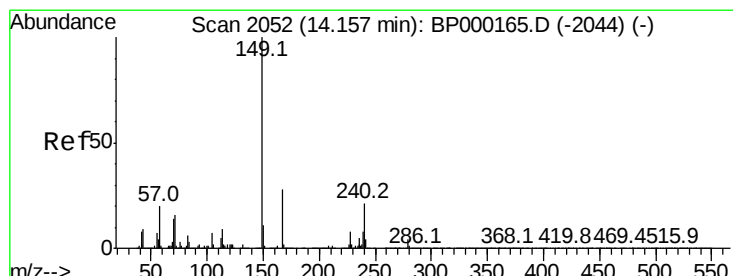
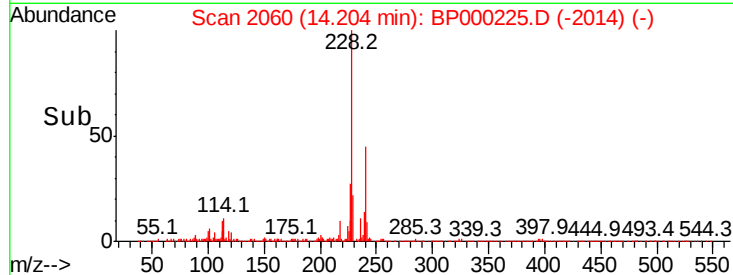
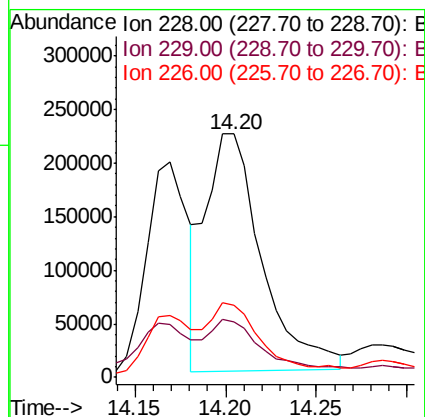
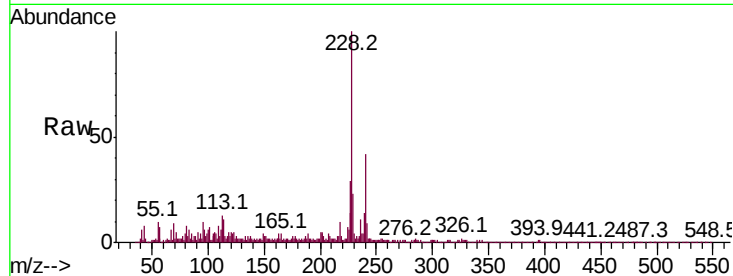




#83
 Benzo(a)anthracene
 Concen: 7.245 ng/ul
 RT: 14.20 min Scan# 2060
 Delta R.T. 0.07 min
 Lab File: BP000225.D
 Acq: 12 Sep 2019 19:45

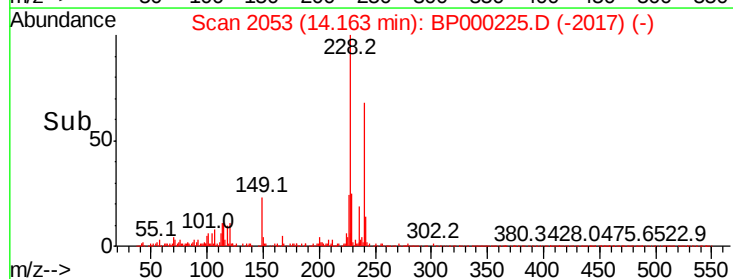
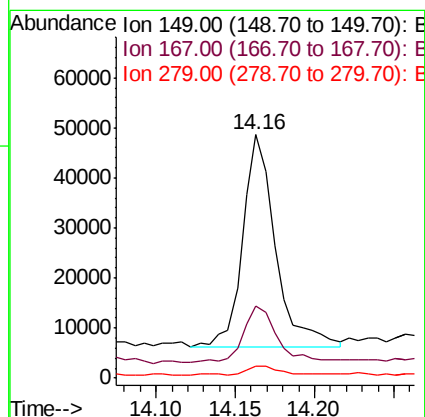
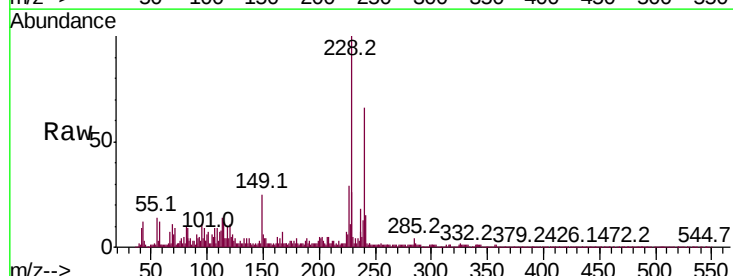
Instrument :
 BNA_P
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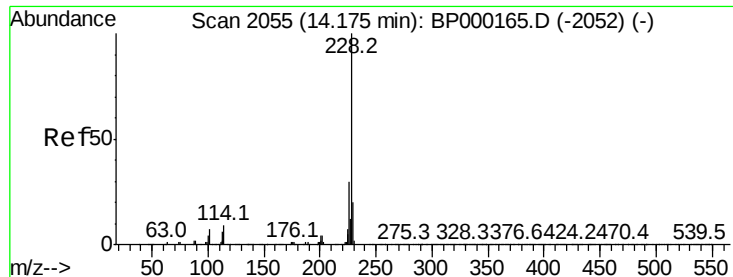
Tot	Ion:228	Resp:	477350
Ion	Ratio	Lower	Upper
228	100		
229	22.9	15.9	23.9
226	29.4	22.1	33.1



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.638 ng/ul
 RT: 14.16 min Scan# 2053
 Delta R.T. 0.01 min
 Lab File: BP000225.D
 Acq: 12 Sep 2019 19:45

Tgt	Ion:149	Resp:	61277
Ion	Ratio	Lower	Upper
149	100		
167	29.5	21.8	32.8
279	4.8	3.0	4.4#

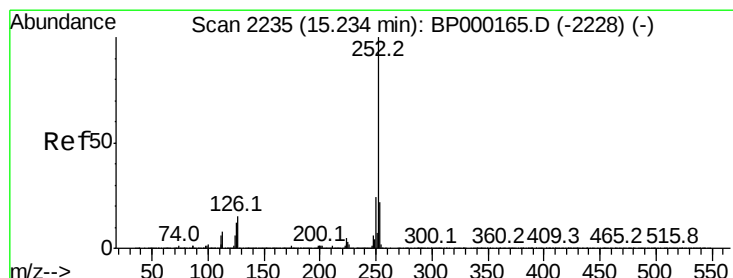
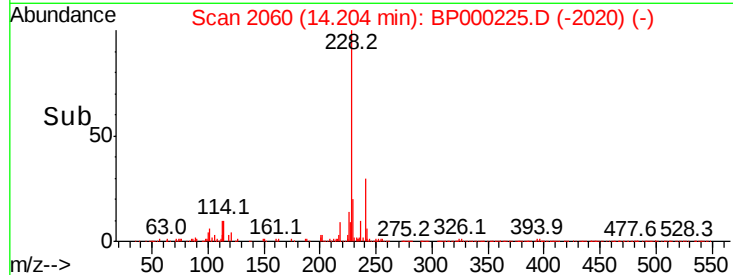
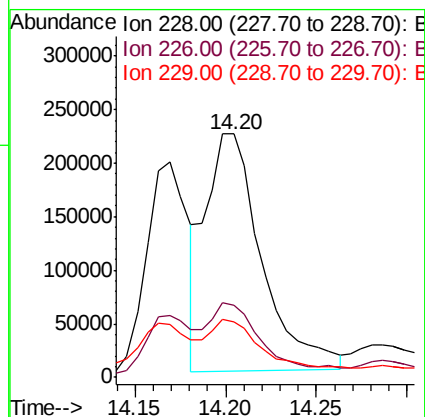
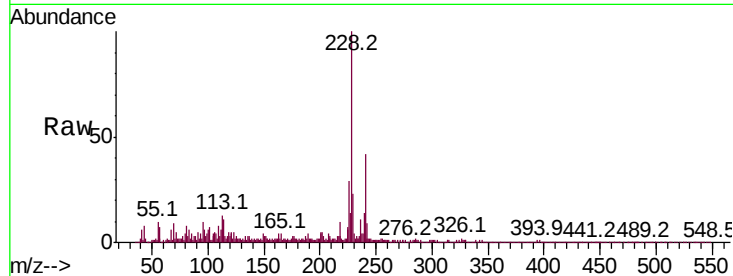




#85
 Chrysene
 Concen: 7.896 ng/ul
 RT: 14.20 min Scan# 2060
 Delta R.T. 0.04 min
 Lab File: BP000225.D
 Acq: 12 Sep 2019 19:45

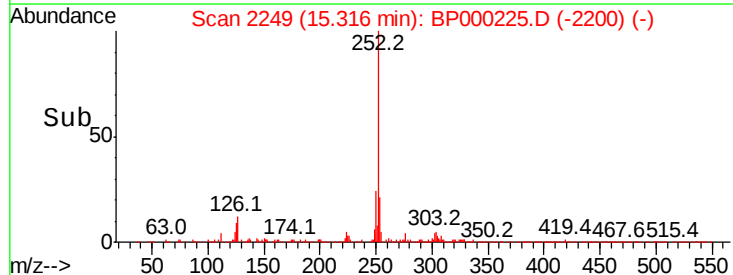
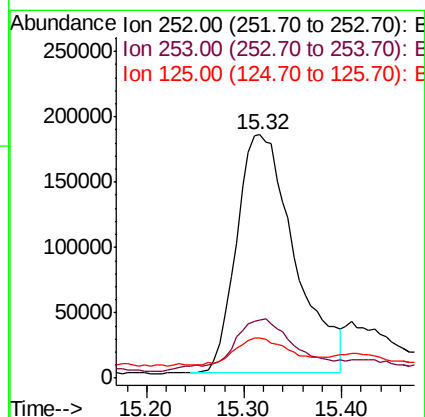
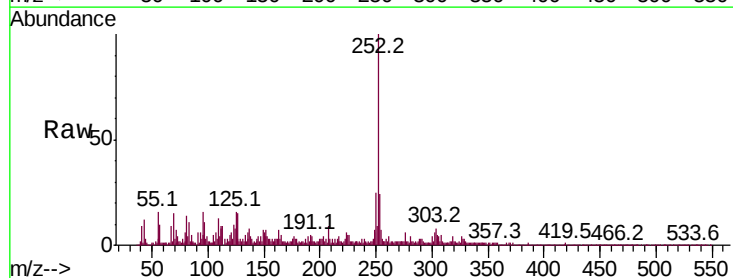
Instrument :
 BNA_P
 ClientSampleId :

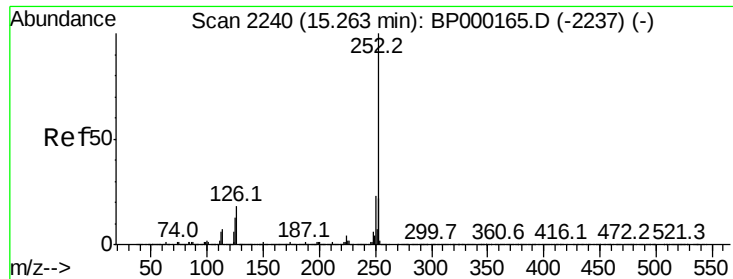
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.4	36.6
229	22.9	16.0	24.0



#88
 Benzo(b)fluoranthene
 Concen: 13.521 ng/ul
 RT: 15.32 min Scan# 2249
 Delta R.T. 0.09 min
 Lab File: BP000225.D
 Acq: 12 Sep 2019 19:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	16.3	9.9	14.9





#89

Benzo(k)fluoranthene

Concen: 14.343 ng/ul

RT: 15.32 min Scan# 2249

Delta R.T. 0.06 min

Lab File: BP000225.D

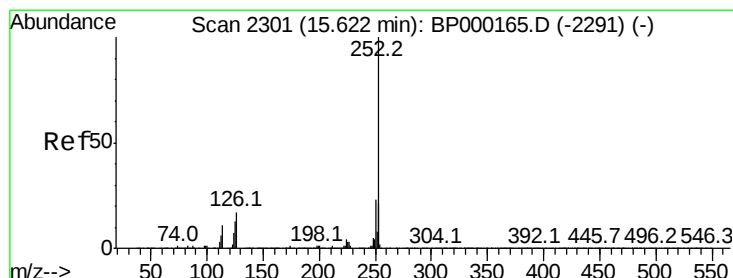
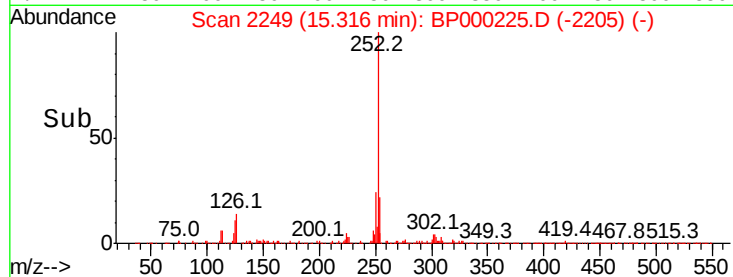
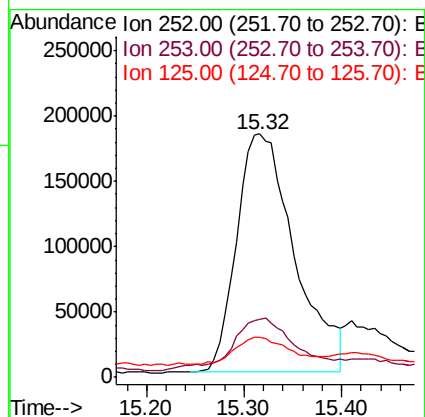
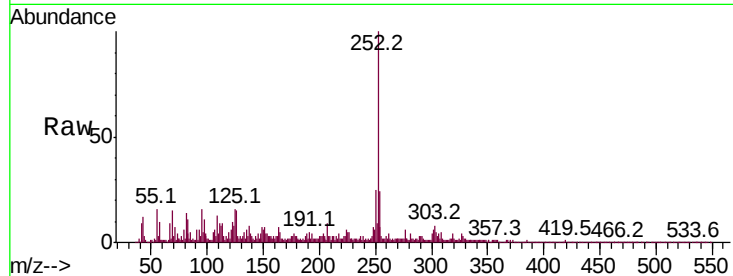
Acq: 12 Sep 2019 19:45

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	252	Resp:	756646
Ion Ratio	Lower	Upper	
252	100		
253	23.9	18.0	27.0
125	16.3	10.2	15.2#



#91

Benzo(a)pyrene

Concen: 4.076 ng/ul

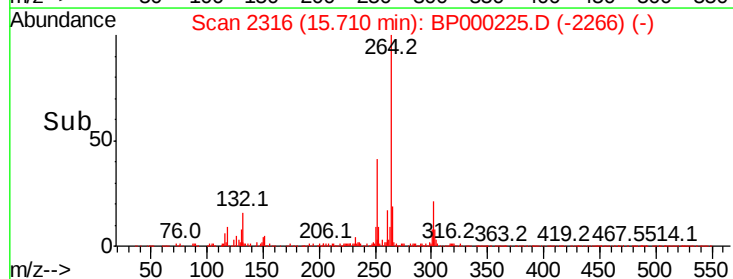
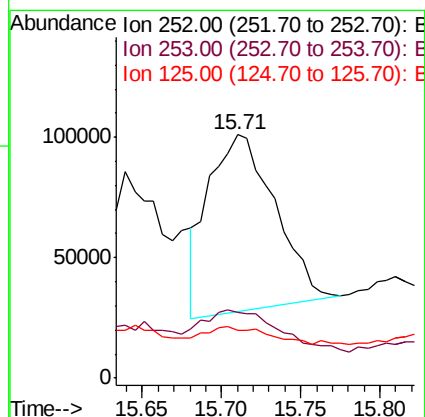
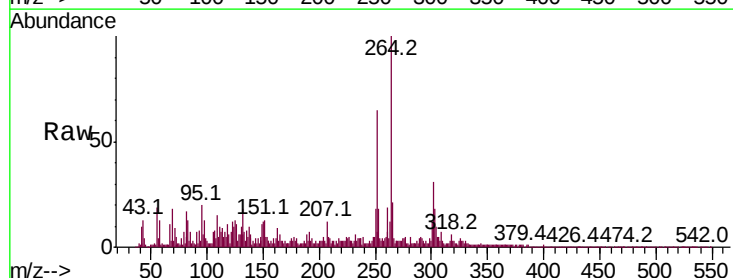
RT: 15.71 min Scan# 2316

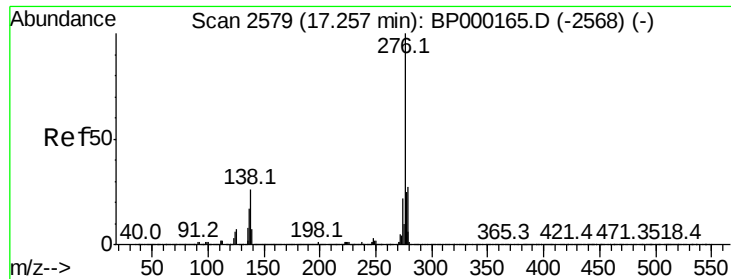
Delta R.T. 0.09 min

Lab File: BP000225.D

Acq: 12 Sep 2019 19:45

Tgt Ion:	252	Resp:	213996
Ion Ratio	Lower	Upper	
252	100		
253	27.2	17.5	26.3#
125	19.8	10.2	15.2#

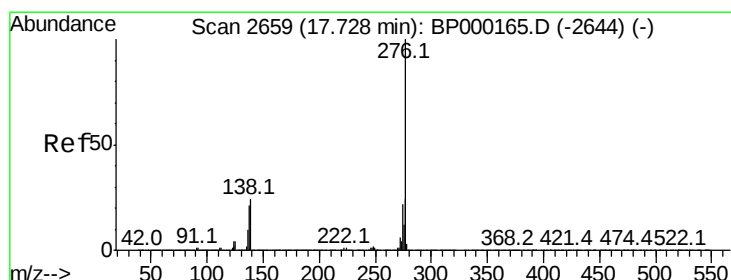
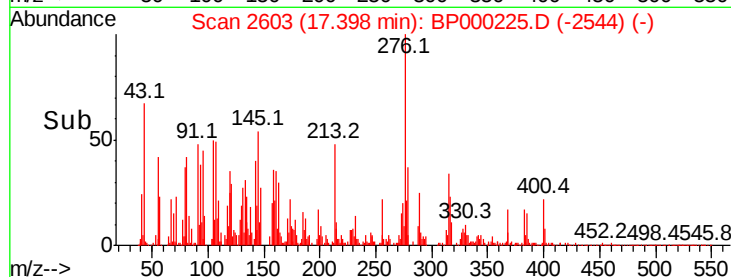
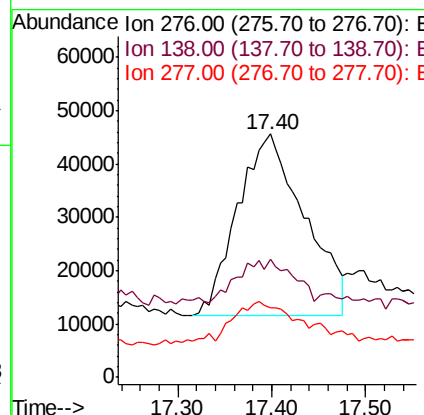
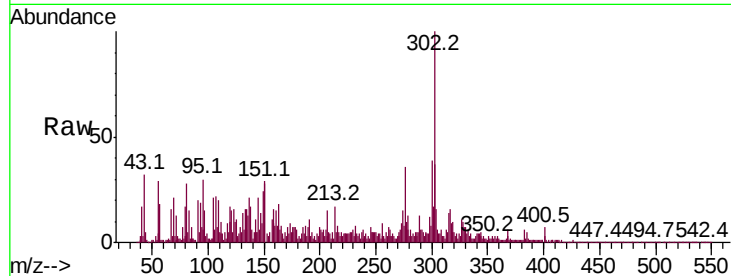




#92
 Indeno(1,2,3-cd)pyrene
 Concen: 2.787 ng/ul
 RT: 17.40 min Scan# 2603
 Delta R.T. 0.15 min
 Lab File: BP000225.D
 Acq: 12 Sep 2019 19:45

Instrument :
 BNA_P
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	48.4	20.0	30.0#
277	28.6	19.4	29.0



#94
 Benzo(g,h,i)perylene
 Concen: 1.439 ng/ul
 RT: 17.88 min Scan# 2685
 Delta R.T. 0.16 min
 Lab File: BP000225.D
 Acq: 12 Sep 2019 19:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	45.2	20.0	30.0#
277	27.8	19.1	28.7

