

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP091019\
 Data File : BP000189.D
 Acq On : 11 Sep 2019 01:05
 Operator : HP/JU
 Sample : K4633-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 11 04:12:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 11 02:03:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	478015	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1766920	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	894909	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1457531	20.00	ng/ul	0.00
78) Chrysene-d12	14.15	240	1151640	20.00	ng/ul	0.00
86) Perylene-d12	15.70	264	1101576	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.62	96	53434	3.96	ng/uL	0.02
5) Phenol-d5	6.52	99	1047237	25.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.57	67	547282	25.70	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	869027	26.39	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	741905	24.26	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	413035	30.79	ng/ul	0.00
22) 2-Nitrophenol-d4	7.77	143	449811	34.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	774015	27.92	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	583164	17.01	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	2015328	30.50	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	2363342	28.94	ng/ul	0.00
52) 4-Nitrophenol-d4	10.04	143	306938	25.99	ng/ul	0.00
58) Fluorene-d10	10.47	176	1531709	27.29	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.53	200	109599	16.36	ng/ul	0.00
71) Anthracene-d10	11.51	188	2101019	29.77	ng/ul	0.00
79) Pyrene-d10	12.90	212	2095388	30.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.60	264	1780957	31.19	ng/ul	0.02

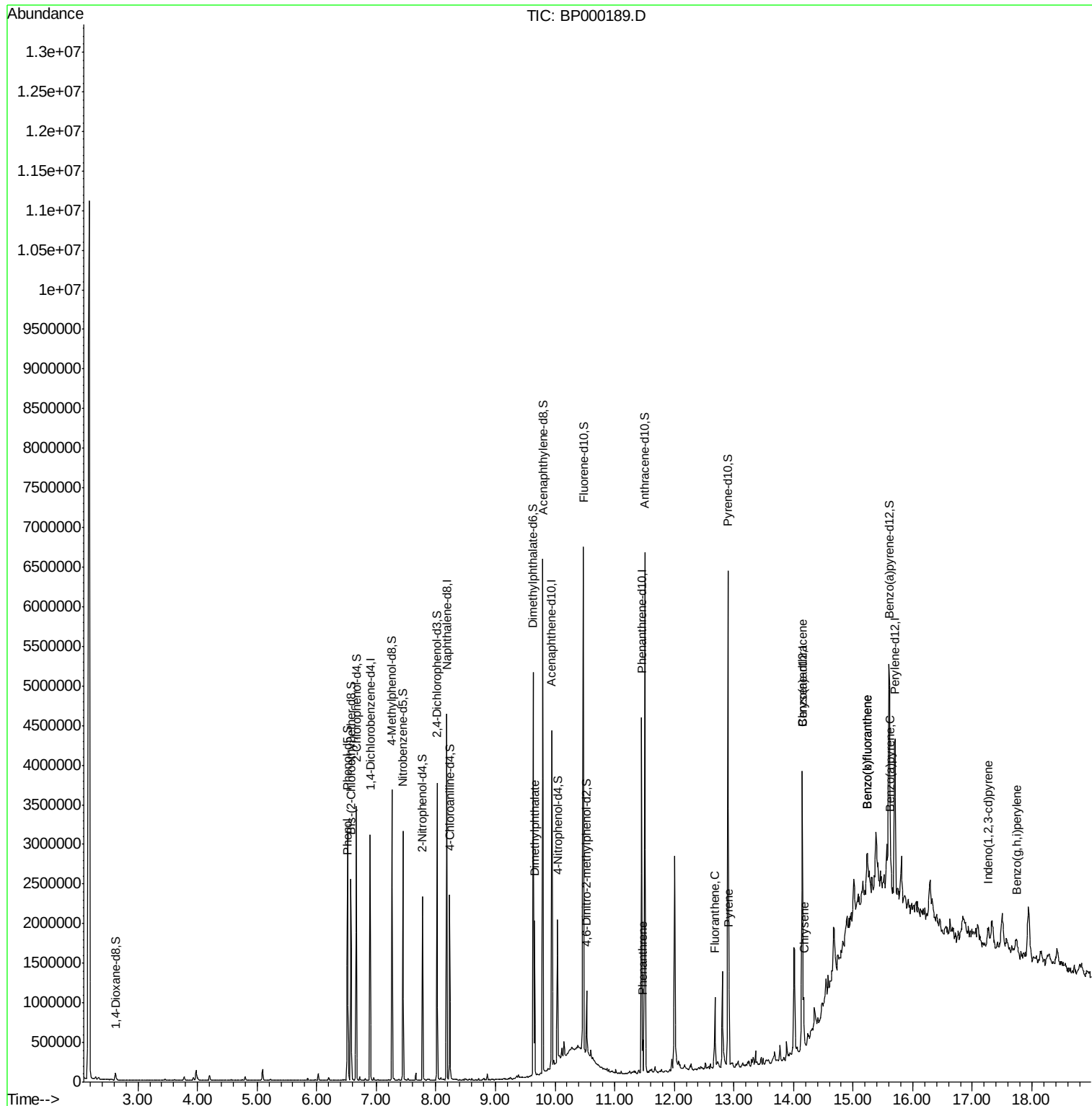
Target Compounds

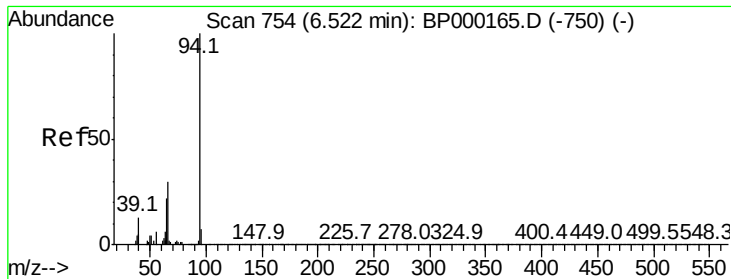
					Ovalue	
6) Phenol	6.53	94	193324	4.556	ng/ul	96
45) Dimethylphthalate	9.66	163	655368	9.828	ng/ul	99
70) Phenanthrene	11.47	178	140354	1.628	ng/ul	99
77) Fluoranthene	12.69	202	379848	4.369	ng/ul	98
80) Pyrene	12.92	202	353087	4.064	ng/ul	94
83) Benzo(a)anthracene	14.14	228	225809	2.709	ng/ul	96
85) Chrysene	14.17	228	292886	3.829	ng/ul	97
88) Benzo(b)fluoranthene	15.24	252	439455	6.019	ng/ul#	88
89) Benzo(k)fluoranthene	15.24	252	439585	6.387	ng/ul#	89
91) Benzo(a)pyrene	15.63	252	200623	2.929	ng/ul#	77
92) Indeno(1,2,3-cd)pyrene	17.26	276	143493	1.821	ng/ul#	89
94) Benzo(g,h,i)perylene	17.73	276	147212	2.240	ng/ul#	91

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

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 02:03:45 2019
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#6

Phenol

Concen: 4.556 ng/ul

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BP000189.D

Acq: 11 Sep 2019 01:05

Instrument :

BNA_P

ClientSampleId :

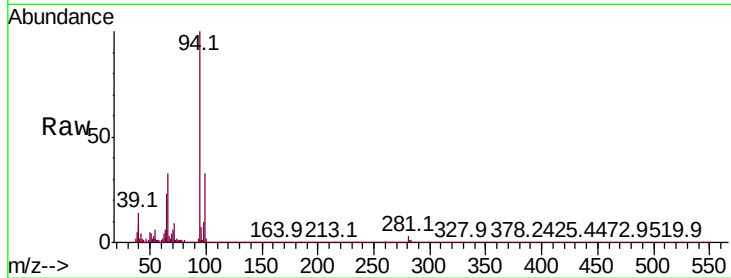
Tot Ion: 94 Resp: 193324

Ion Ratio Lower Upper

94 100

65 22.8 18.8 28.2

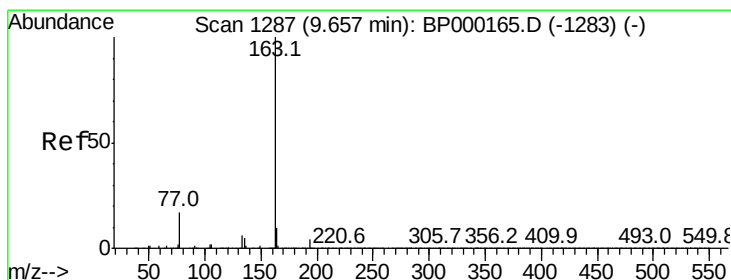
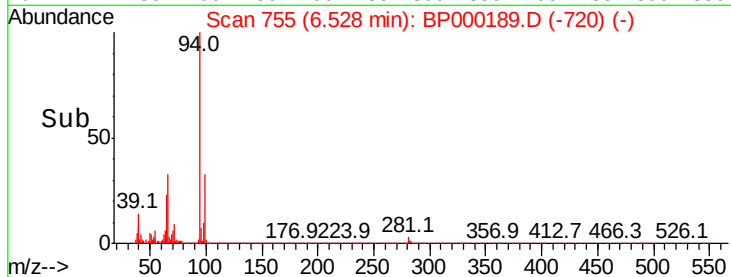
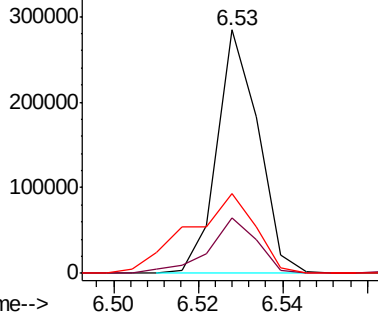
66 33.0 24.2 36.2



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: 9.828 ng/ul

RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BP000189.D

Acq: 11 Sep 2019 01:05

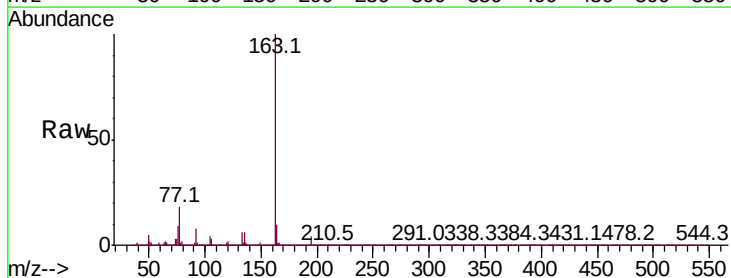
Tgt Ion:163 Resp: 655368

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

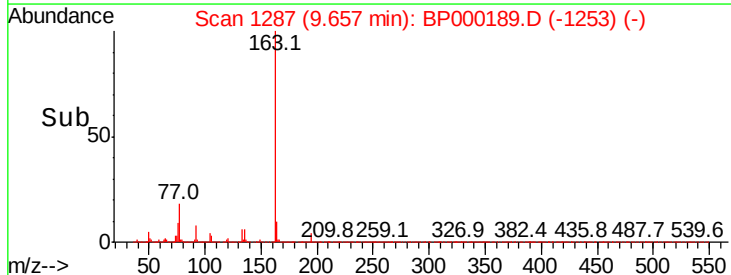
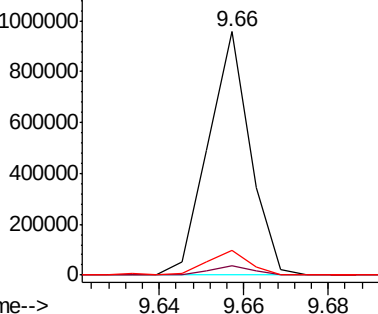
164 10.2 8.4 12.6

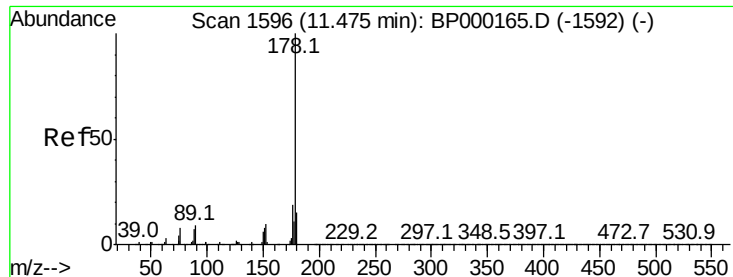


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#70

Phenanthrene

Concen: 1.628 ng/ul

RT: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BP000189.D

Acq: 11 Sep 2019 01:05

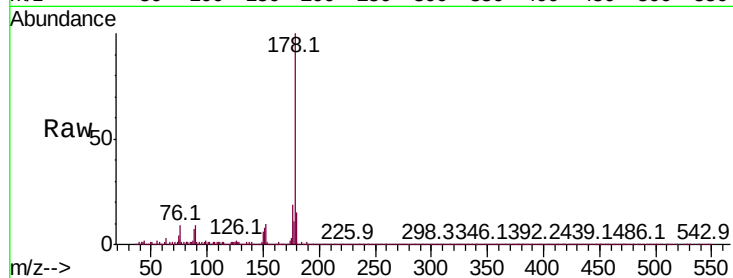
Instrument :

BNA_P

ClientSampled :

Tot Ion:178 Resp: 140354

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.5	18.7
176	19.5	15.7	23.5

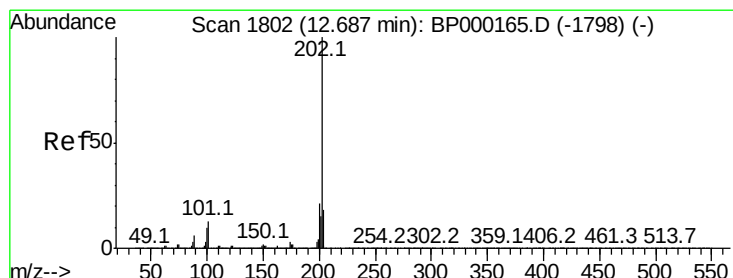
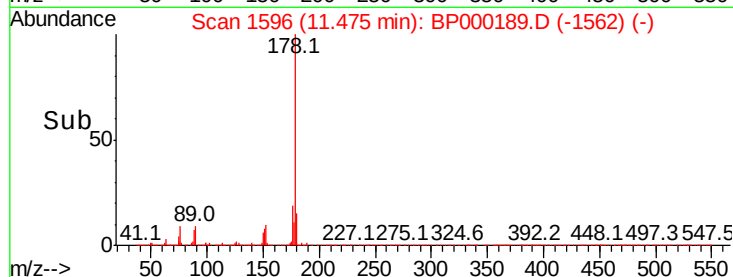
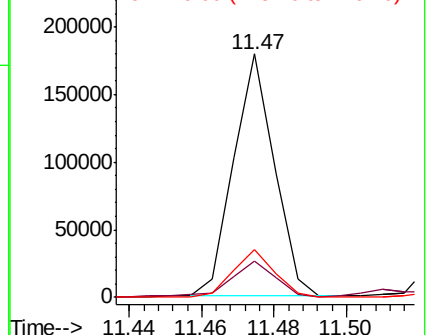


Abundance

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: 4.369 ng/ul

RT: 12.69 min Scan# 1802

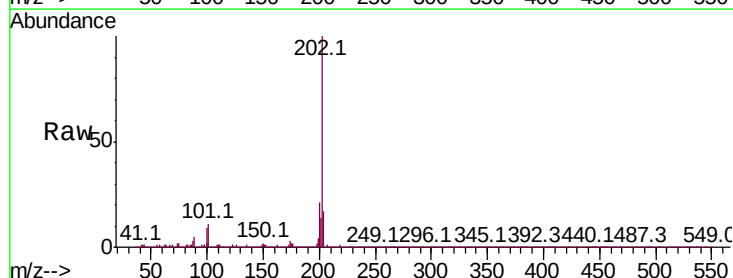
Delta R.T. -0.00 min

Lab File: BP000189.D

Acq: 11 Sep 2019 01:05

Tgt Ion:202 Resp: 379848

Ion	Ratio	Lower	Upper
202	100		
101	11.3	10.0	15.0
100	9.1	7.4	11.2

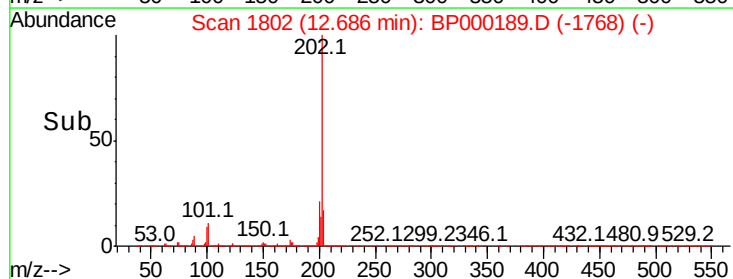
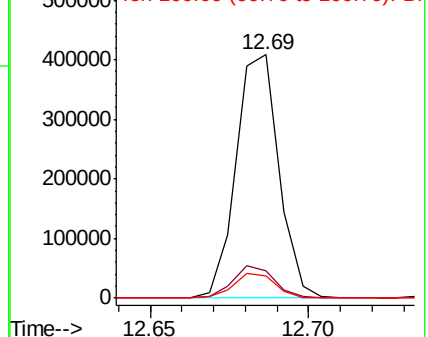


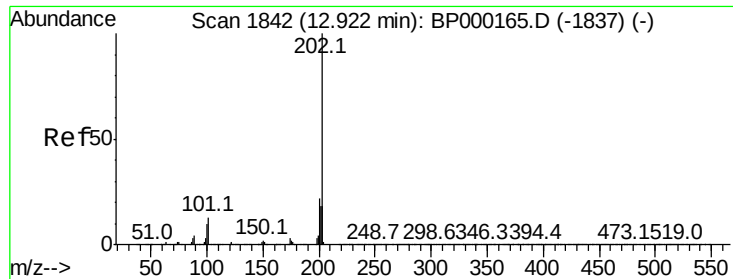
Abundance

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): E

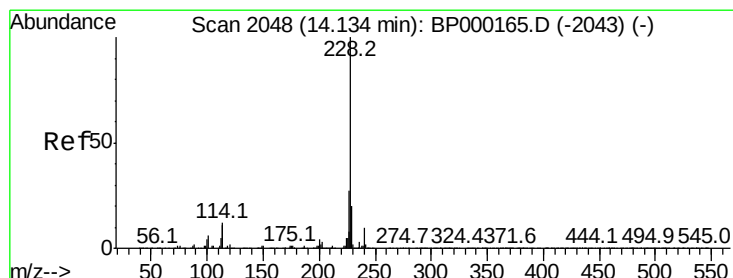
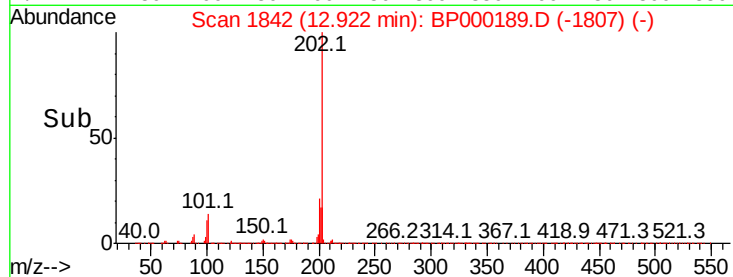
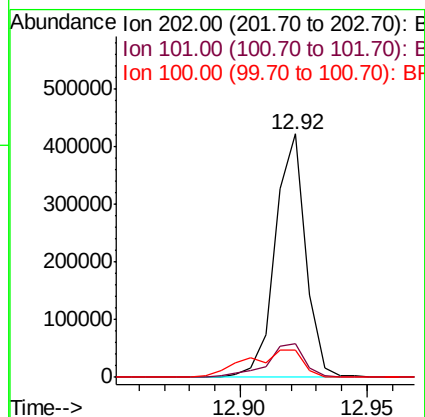
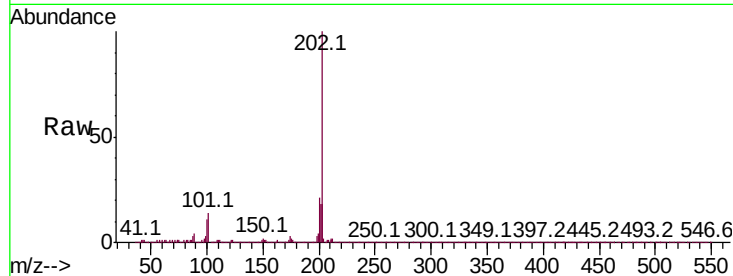




#80
Pvrene
Concen: 4.064 ng/ul
RT: 12.92 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BP000189.D
Acq: 11 Sep 2019 01:05

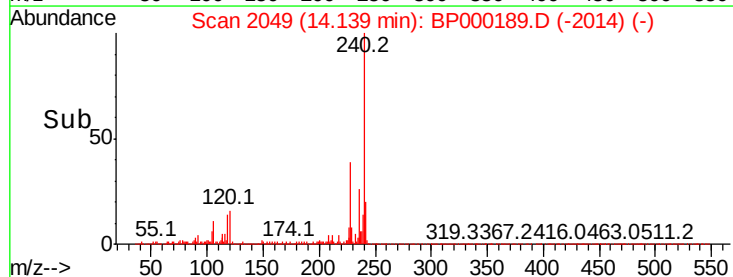
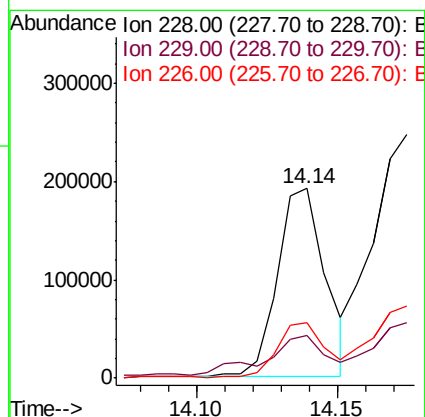
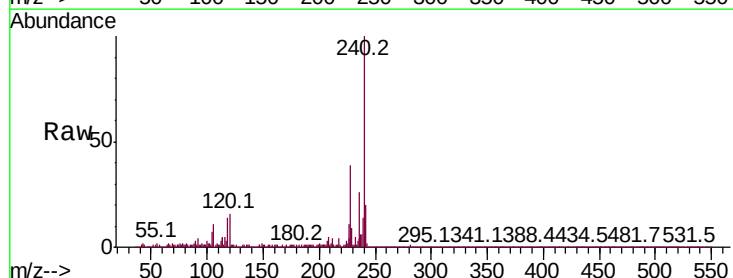
Instrument :
BNA_P
ClientSampleId :

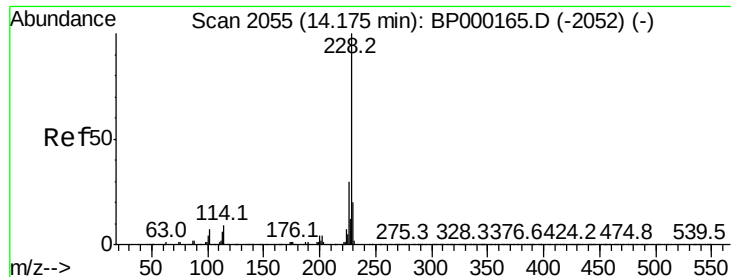
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.9	13.4	20.0
100	11.0	10.8	16.2



#83
Benzo(a)anthracene
Concen: 2.709 ng/ul
RT: 14.14 min Scan# 2049
Delta R.T. 0.01 min
Lab File: BP000189.D
Acq: 11 Sep 2019 01:05

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.2	15.9	23.9
226	29.2	22.1	33.1

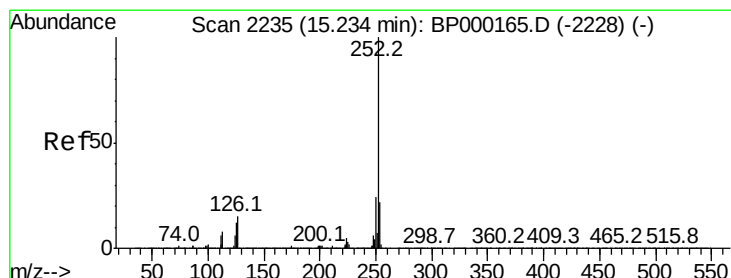
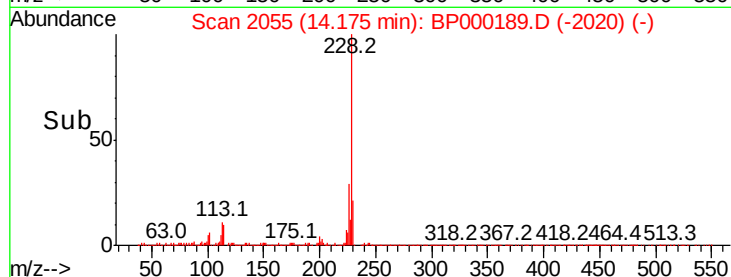
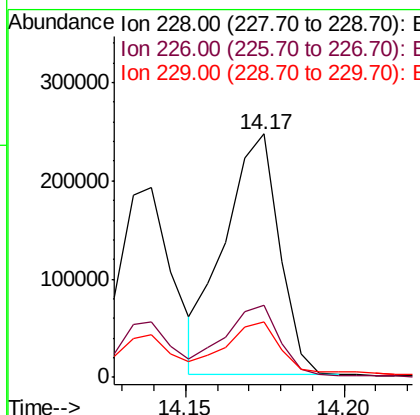
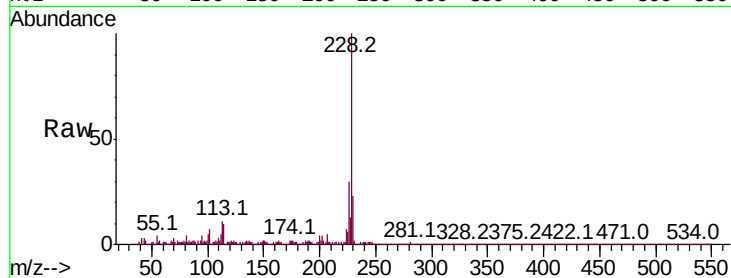




#85
Chrysene
Concen: 3.829 ng/ul
RT: 14.17 min Scan# 2055
Delta R.T. 0.01 min
Lab File: BP000189.D
Acq: 11 Sep 2019 01:05

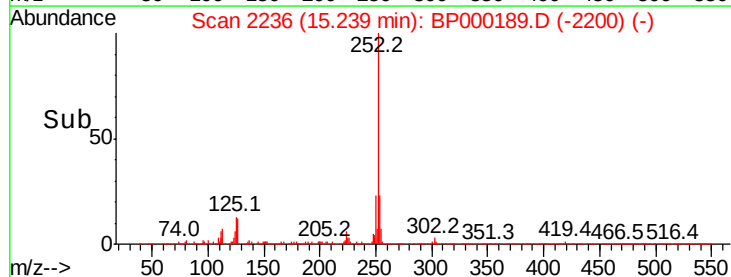
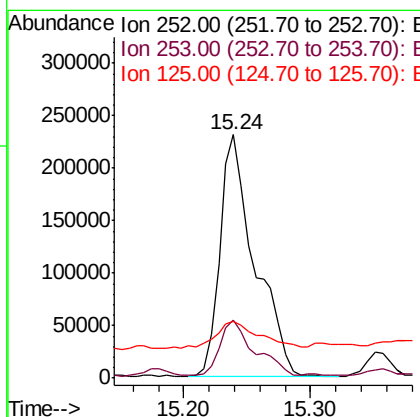
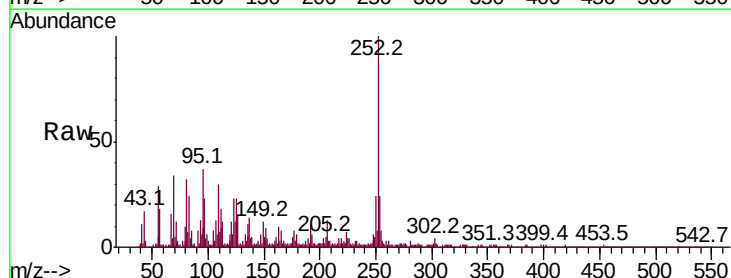
Instrument :
BNA_P
ClientSampleId :

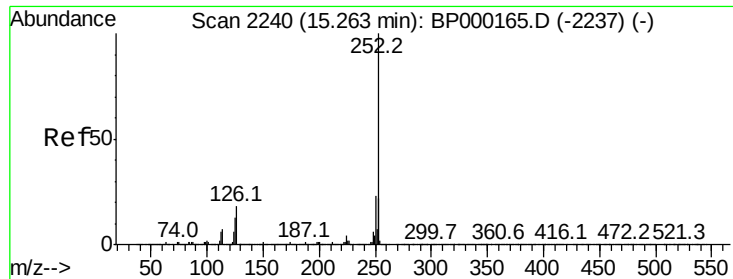
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.4	36.6
229	22.8	16.0	24.0



#88
Benzo(b)fluoranthene
Concen: 6.019 ng/ul
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BP000189.D
Acq: 11 Sep 2019 01:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	23.1	9.9	14.9





#89

Benzo(k)fluoranthene

Concen: 6.387 ng/ul

RT: 15.24 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BP000189.D

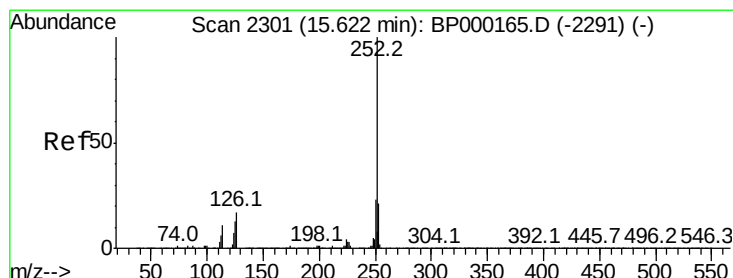
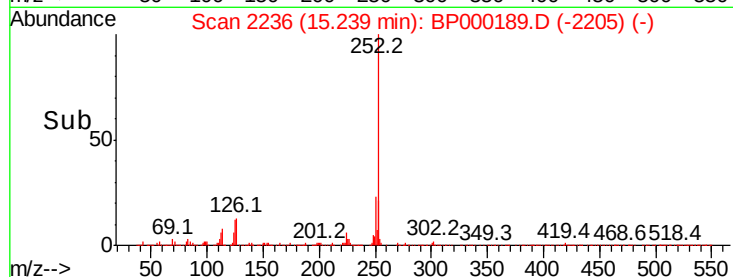
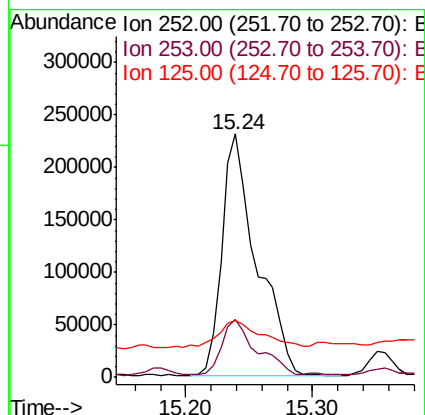
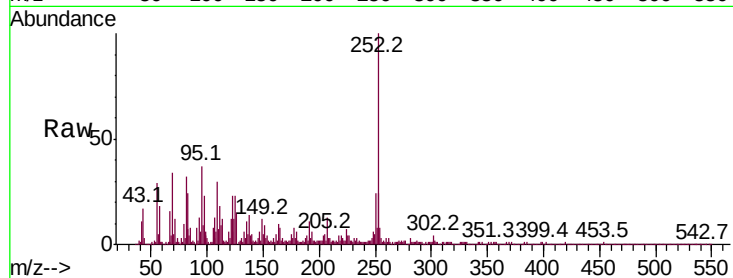
Acq: 11 Sep 2019 01:05

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	252	Resp:	439585
Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	23.1	10.2	15.2#



#91

Benzo(a)pyrene

Concen: 2.929 ng/ul

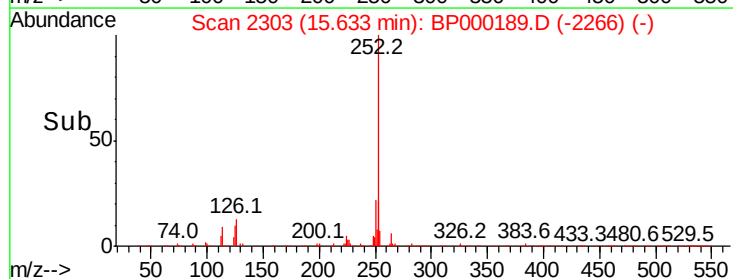
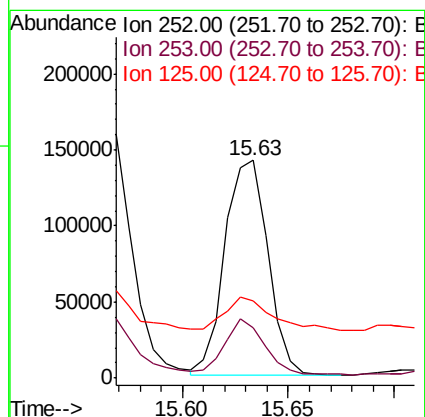
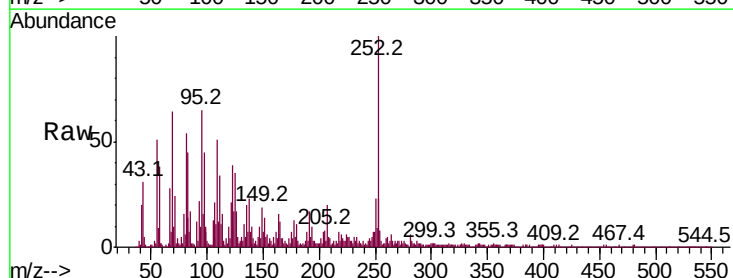
RT: 15.63 min Scan# 2303

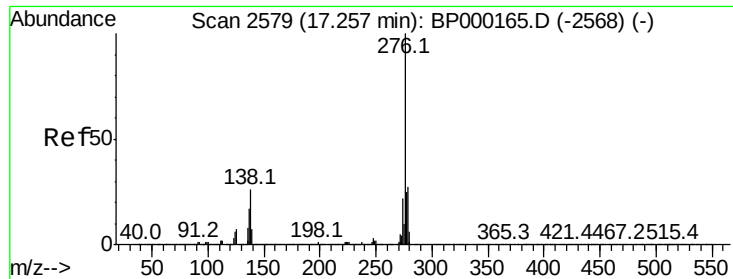
Delta R.T. 0.02 min

Lab File: BP000189.D

Acq: 11 Sep 2019 01:05

Tgt Ion:	252	Resp:	200623
Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	35.2	10.2	15.2#



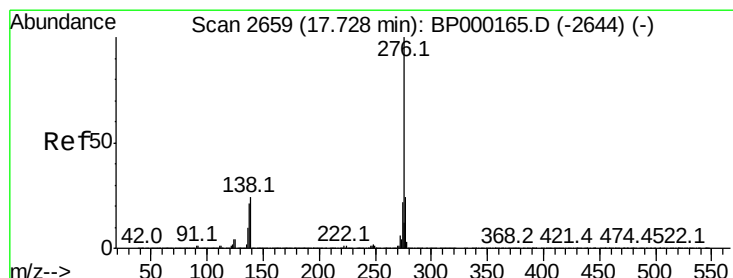
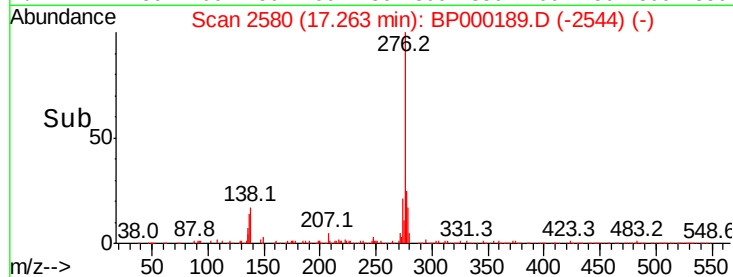
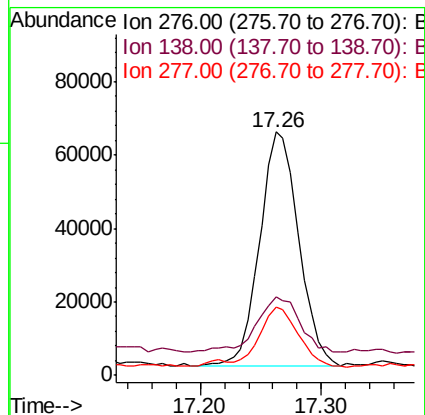
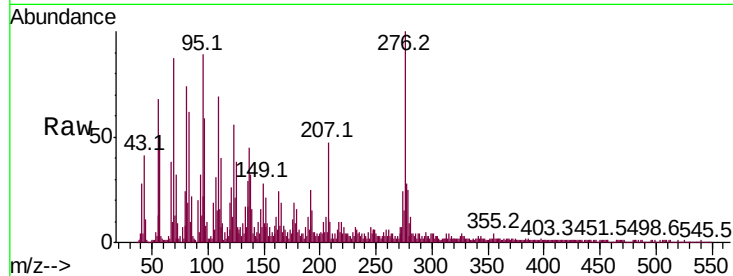


#92

Indeno(1,2,3-cd)pyrene
Concen: 1.821 ng/ul
RT: 17.26 min Scan# 2580
Delta R.T. 0.01 min
Lab File: BP000189.D
Acq: 11 Sep 2019 01:05

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.1	20.0	30.0#
277	28.0	19.4	29.0



#94

Benzo(g,h,i)perylene
Concen: 2.240 ng/ul
RT: 17.73 min Scan# 2660
Delta R.T. 0.01 min
Lab File: BP000189.D
Acq: 11 Sep 2019 01:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.4	20.0	30.0#
277	27.5	19.1	28.7

