

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP091219\
 Data File : BP000229.D
 Acq On : 12 Sep 2019 21:23
 Operator : HP/JU
 Sample : K4634-21DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 13 01:52:12 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	268271	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1003033	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	550065	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.46	188	995888	20.00	ng/ul	0.00
78) Chrysene-d12	14.17	240	717752	20.00	ng/ul	0.02
86) Perylene-d12	15.75	264	655282	20.00	ng/ul	0.06

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.62	96	4759	0.63	ng/uL	0.02
5) Phenol-d5	6.52	99	88121	3.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.58	67	46159	3.86	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	74800	4.05	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	67215	3.92	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	33586	4.41	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	33227	4.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	63233	4.02	ng/ul	0.00
29) 4-Chloroaniline-d4	8.24	131	21698	1.11	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	184950	4.55	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	228799	4.56	ng/ul	0.00
52) 4-Nitrophenol-d4	10.04	143	16910	2.33	ng/ul	0.00
58) Fluorene-d10	10.47	176	157559	4.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.55	200	8519	1.86	ng/ul	0.02
71) Anthracene-d10	11.51	188	233543	4.84	ng/ul	0.00
79) Pyrene-d10	12.91	212	215872	5.06	ng/ul	0.01
90) Benzo(a)pyrene-d12	15.64	264	144011	4.24	ng/ul	0.05

Target Compounds

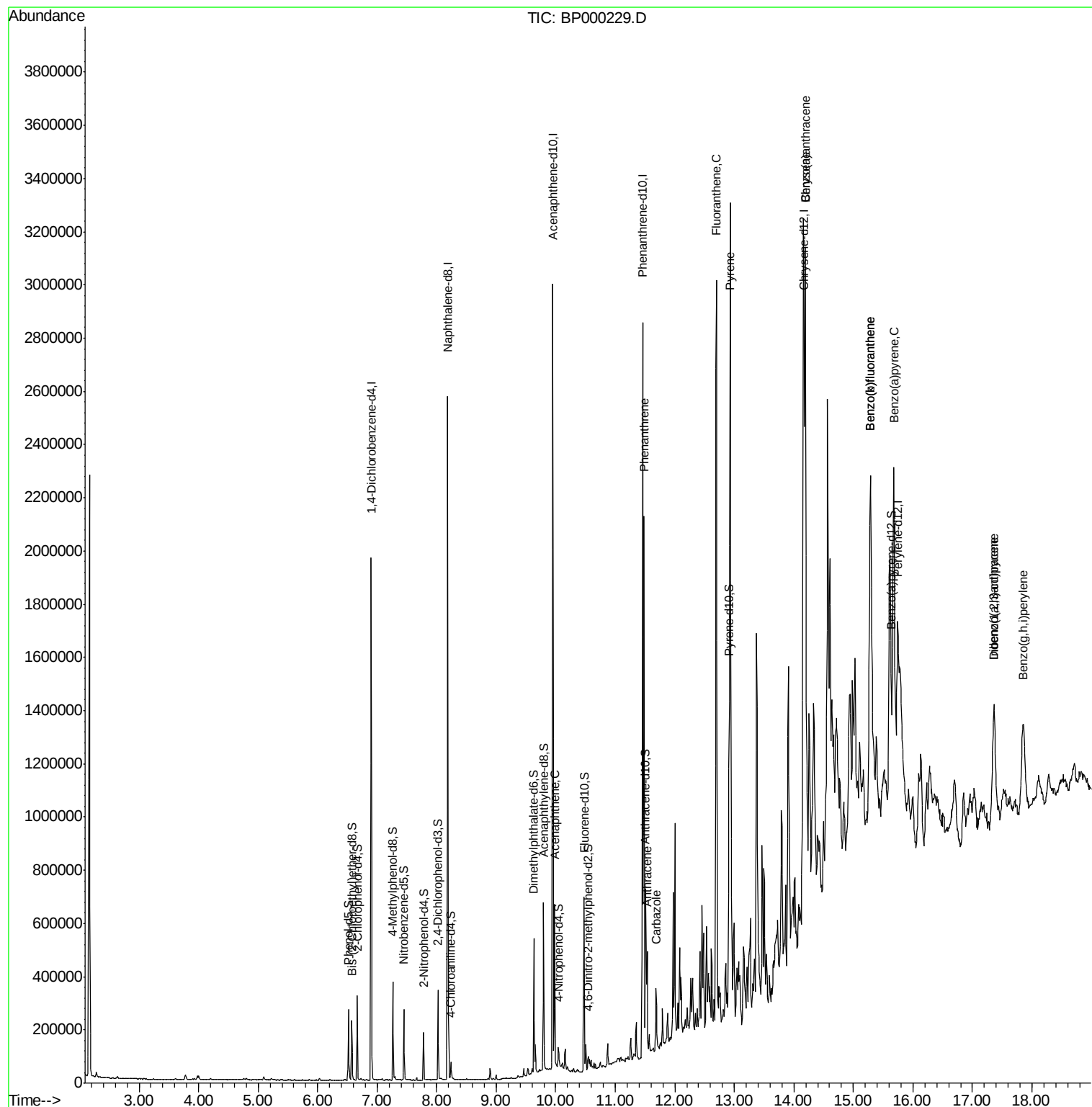
					Ovalue	
50) Acenaphthene	9.98	153	140792	3.875	ng/ul	96
70) Phenanthrene	11.48	178	727652	12.355	ng/ul	99
72) Anthracene	11.53	178	157859	2.724	ng/ul	99
75) Carbazole	11.69	167	97315	1.964	ng/ul	99
77) Fluoranthene	12.70	202	1389176	23.386	ng/ul	97
80) Pyrene	12.93	202	1613632	29.799	ng/ul#	93
83) Benzo(a)anthracene	14.20	228	1497069	28.814	ng/ul	95
85) Chrysene	14.20	228	1505108	31.569	ng/ul	99
88) Benzo(b)fluoranthene	15.29	252	1679634	38.674	ng/ul	95
89) Benzo(k)fluoranthene	15.29	252	1679634	41.027	ng/ul	96
91) Benzo(a)pyrene	15.68	252	1172690	28.779	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	17.36	276	582954	12.435	ng/ul	93
93) Dibenzo(a,h)anthracene	17.36	278	148131	3.815	ng/ul#	66
94) Benzo(g,h,i)perylene	17.85	276	644784	16.497	ng/ul	100

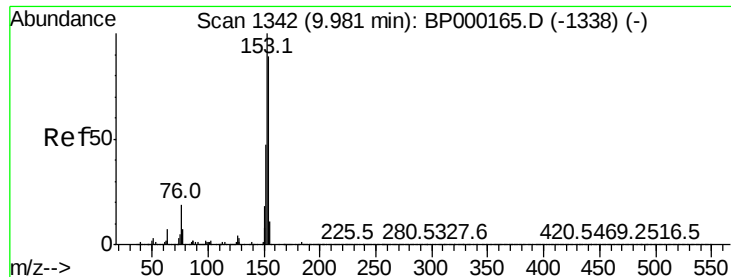
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000229.D
Acq On : 12 Sep 2019 21:23
Operator : HP/JU
Sample : K4634-21DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Sep 13 01:52:12 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





#50

Acenaphthene

Concen: 3.875 ng/ul

RT: 9.98 min Scan# 1342

Delta R.T. 0.00 min

Lab File: BP000229.D

Acq: 12 Sep 2019 21:23

Instrument :

BNA_P

ClientSampleId :

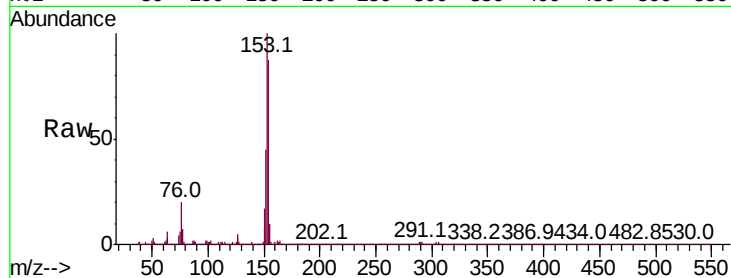
Tot Ion:153 Resp: 140792

Ion Ratio Lower Upper

153 100

152 44.7 38.0 57.0

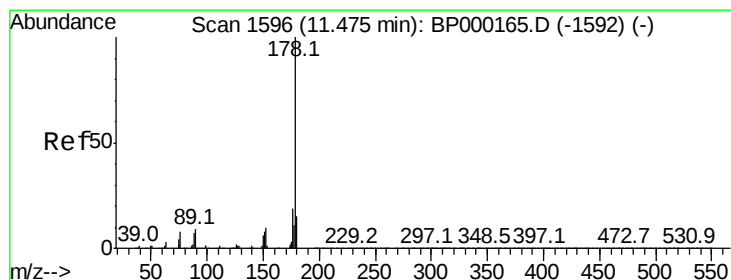
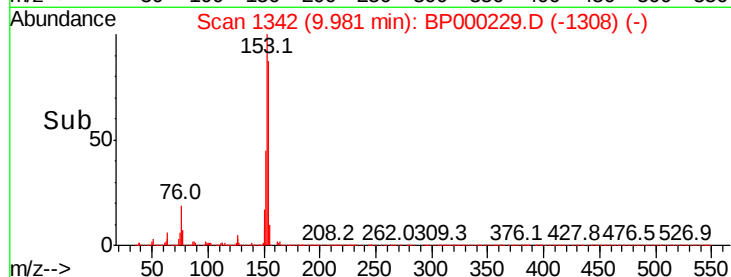
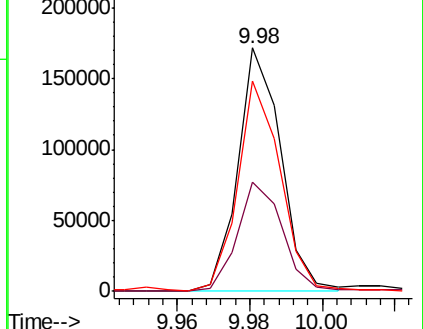
154 86.7 72.6 108.8



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#70

Phenanthrene

Concen: 12.355 ng/ul

RT: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BP000229.D

Acq: 12 Sep 2019 21:23

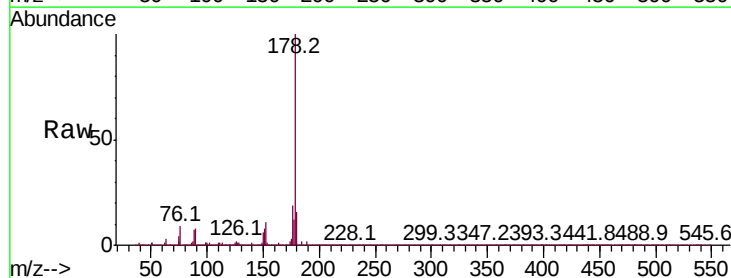
Tgt Ion:178 Resp: 727652

Ion Ratio Lower Upper

178 100

179 16.4 12.5 18.7

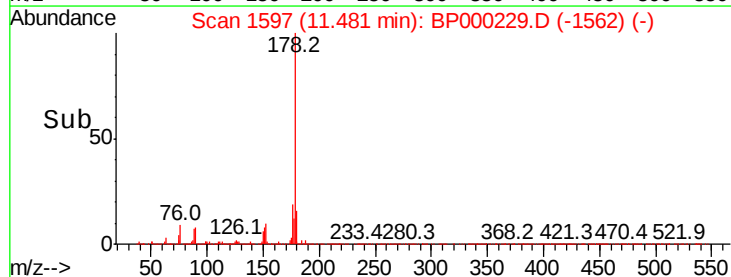
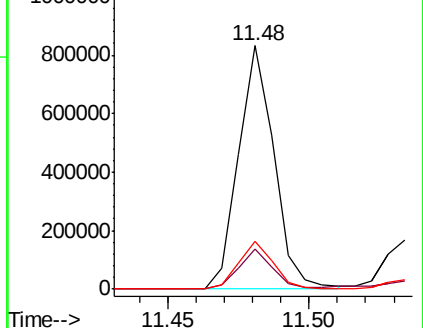
176 19.4 15.7 23.5

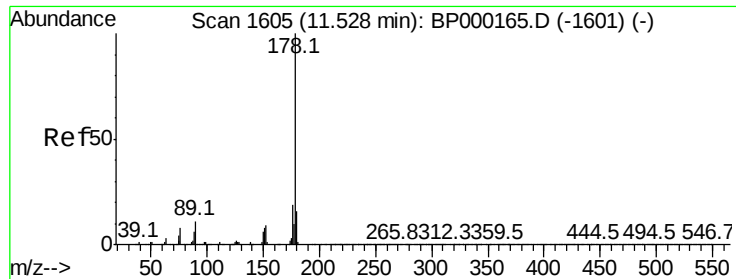


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 2.724 ng/ul

RT: 11.53 min Scan# 1606

Delta R.T. 0.01 min

Lab File: BP000229.D

Acq: 12 Sep 2019 21:23

Instrument :

BNA_P

ClientSampleId :

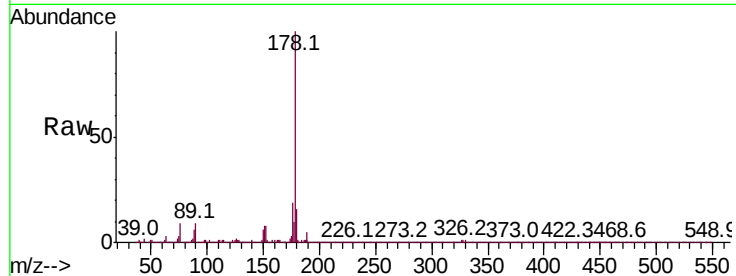
Tot Ion:178 Resp: 157859

Ion Ratio Lower Upper

178 100

179 15.9 12.3 18.5

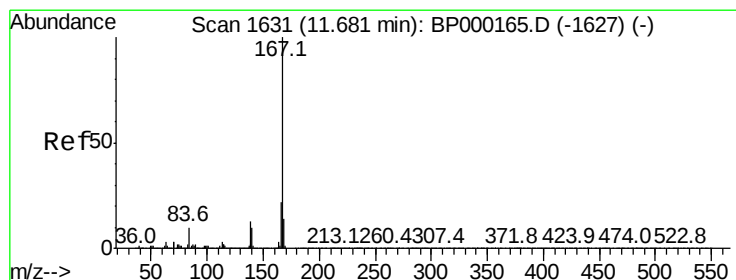
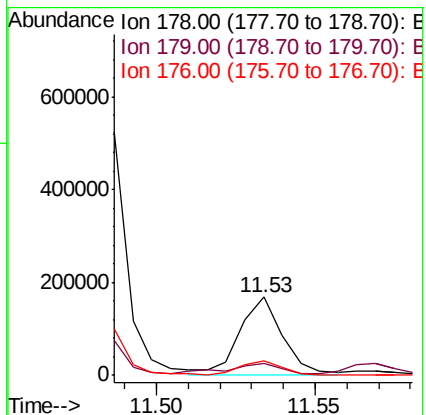
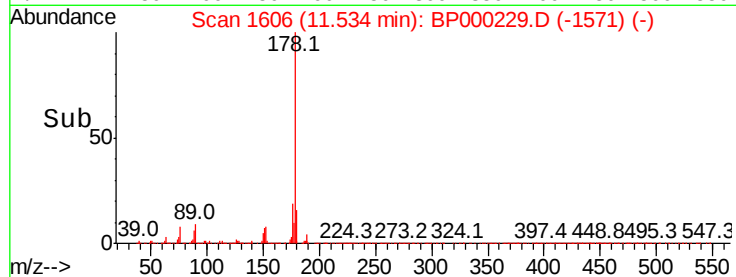
176 18.7 15.1 22.7



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: 1.964 ng/ul

RT: 11.69 min Scan# 1632

Delta R.T. 0.01 min

Lab File: BP000229.D

Acq: 12 Sep 2019 21:23

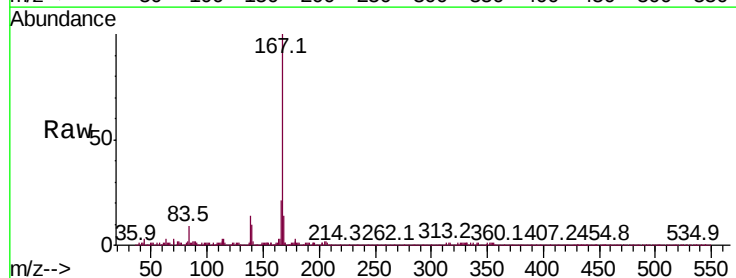
Tgt Ion:167 Resp: 97315

Ion Ratio Lower Upper

167 100

166 21.4 17.3 25.9

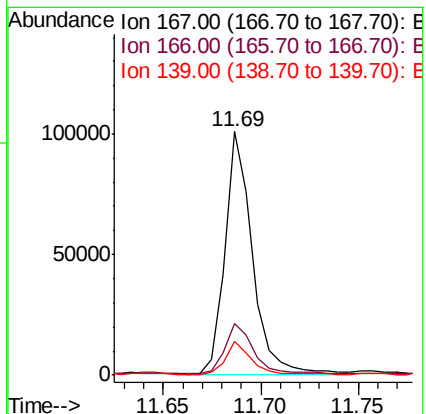
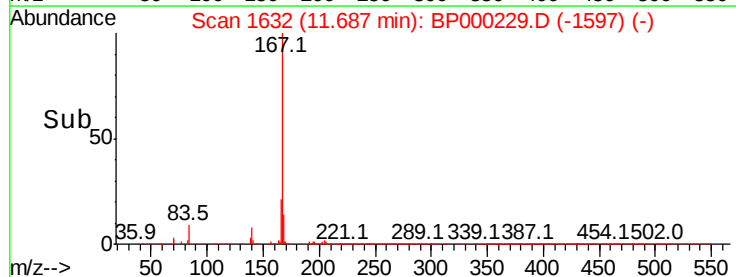
139 13.7 10.6 15.8

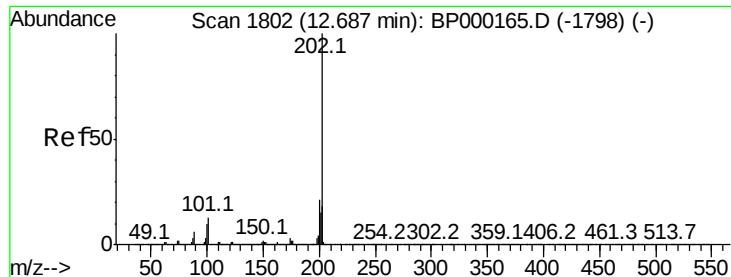


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



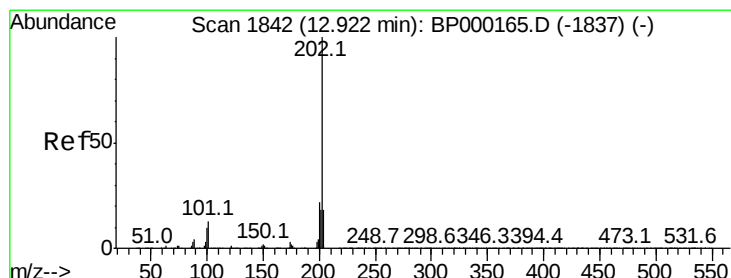
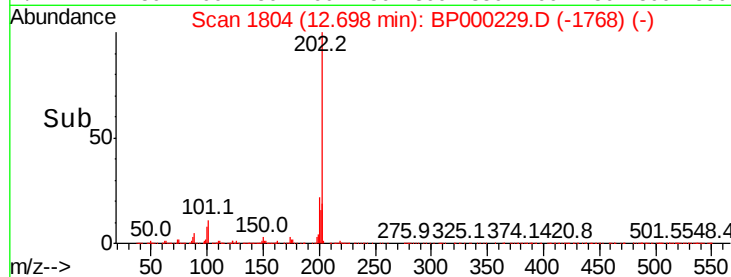
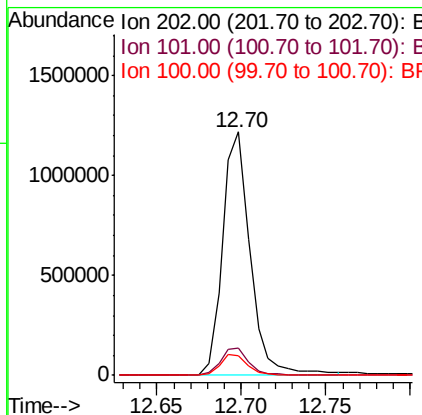
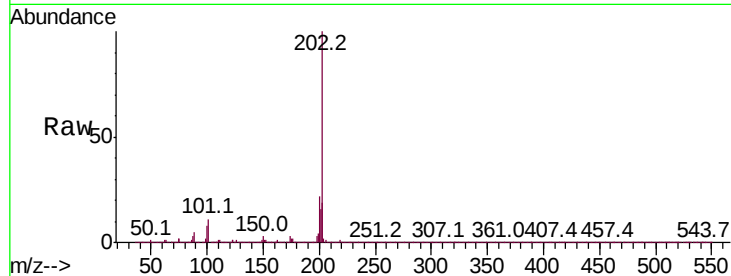


#77
 Fluoranthene
 Concen: 23.386 ng/ul
 RT: 12.70 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: BP000229.D
 Acq: 12 Sep 2019 21:23

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:202 Resp: 1389176

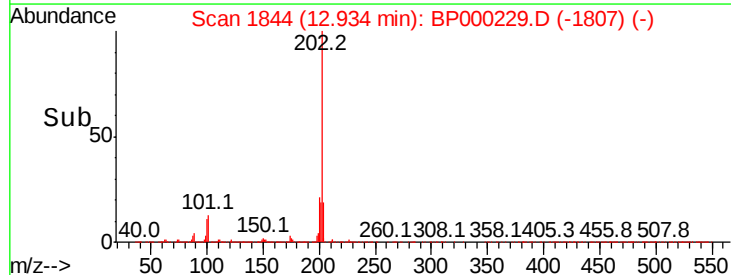
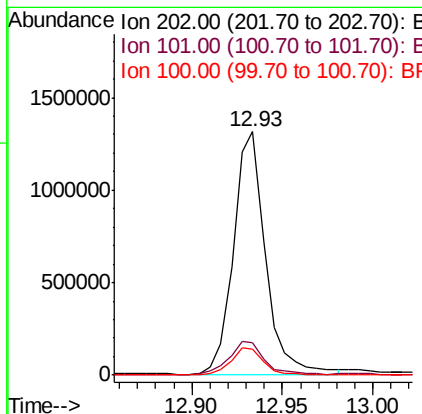
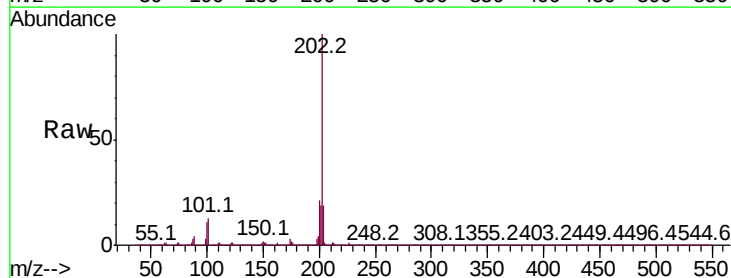
Ion	Ratio	Lower	Upper
202	100		
101	11.3	10.0	15.0
100	8.3	7.4	11.2

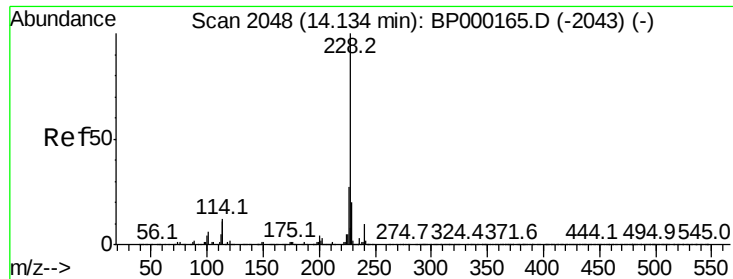


#80
 Pyrene
 Concen: 29.799 ng/ul
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.02 min
 Lab File: BP000229.D
 Acq: 12 Sep 2019 21:23

Tgt Ion:202 Resp: 1613632

Ion	Ratio	Lower	Upper
202	100		
101	13.2	13.4	20.0#
100	10.8	10.8	16.2

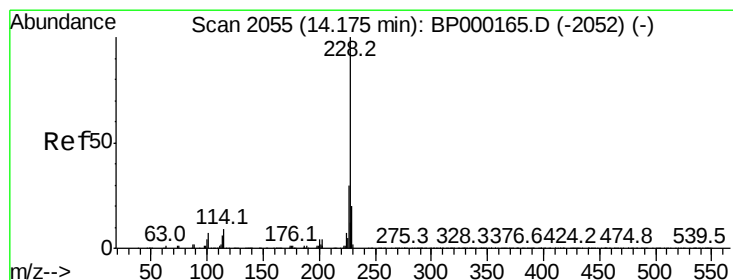
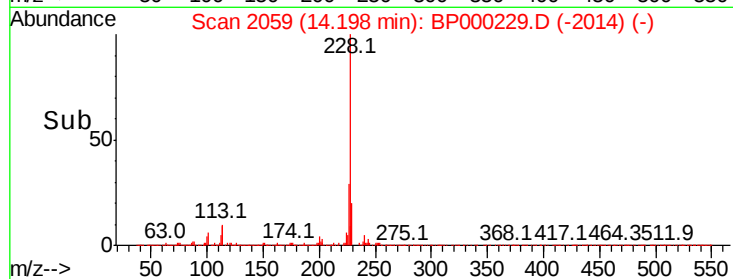
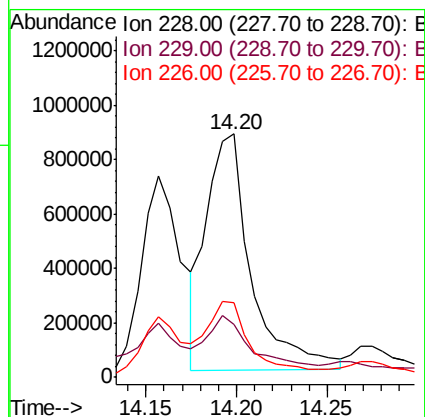
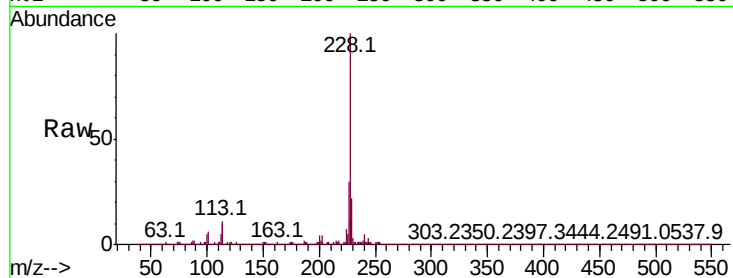




#83
Benzo(a)anthracene
Concen: 28.814 ng/ul
RT: 14.20 min Scan# 2059
Delta R.T. 0.06 min
Lab File: BP000229.D
Acq: 12 Sep 2019 21:23

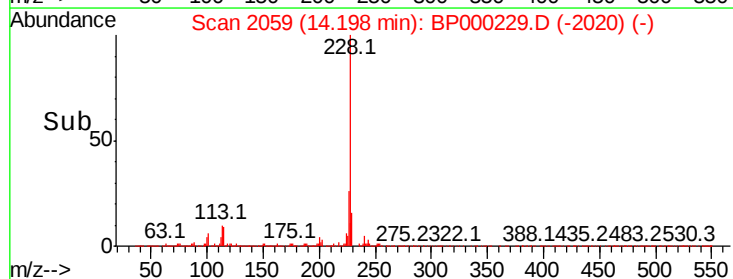
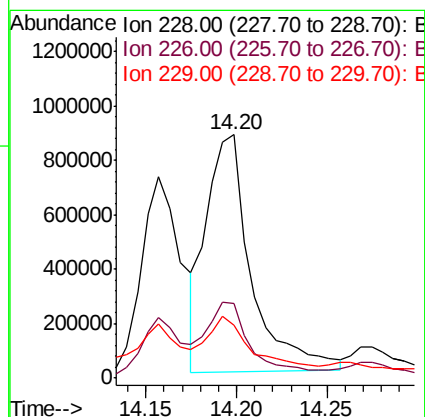
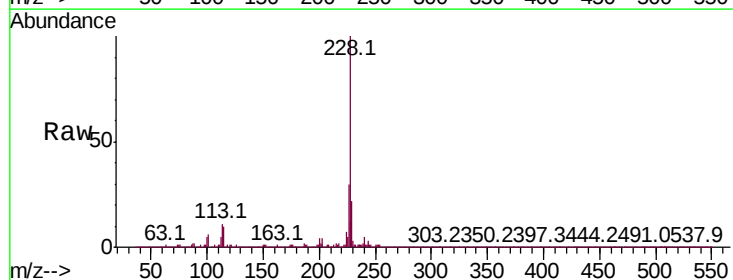
Instrument :
BNA_P
ClientSampled :

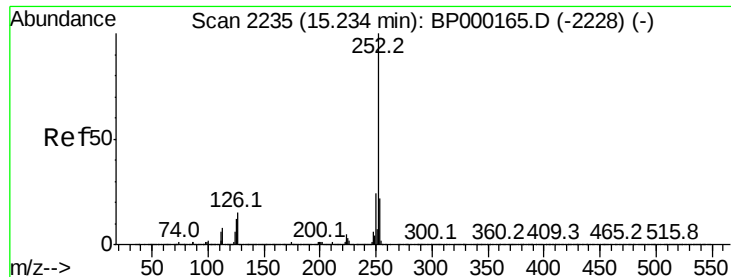
Tot Ion:228 Resp: 1497069
Ion Ratio Lower Upper
228 100
229 21.6 15.9 23.9
226 30.5 22.1 33.1



#85
Chrysene
Concen: 31.569 ng/ul
RT: 14.20 min Scan# 2059
Delta R.T. 0.03 min
Lab File: BP000229.D
Acq: 12 Sep 2019 21:23

Tgt Ion:228 Resp: 1505108
Ion Ratio Lower Upper
228 100
226 30.5 24.4 36.6
229 21.6 16.0 24.0





#88

Benzo(b)fluoranthene

Concen: 38.674 ng/ul

RT: 15.29 min Scan# 2244

Delta R.T. 0.06 min

Lab File: BP000229.D

Acq: 12 Sep 2019 21:23

Instrument :

BNA_P

ClientSampleId :

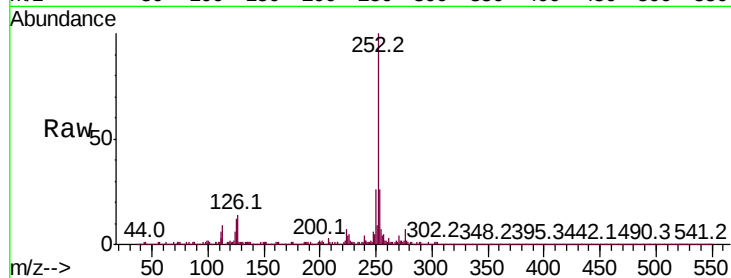
Tot Ion:252 Resp: 1679634

Ion Ratio Lower Upper

252 100

253 25.6 17.5 26.3

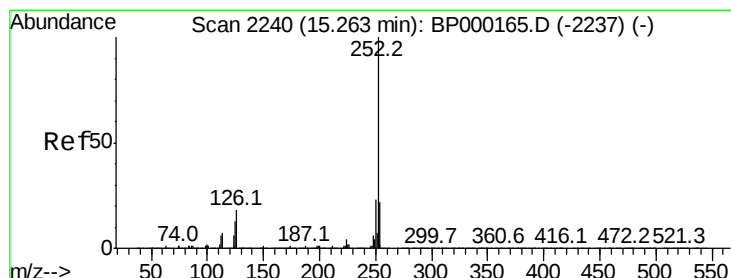
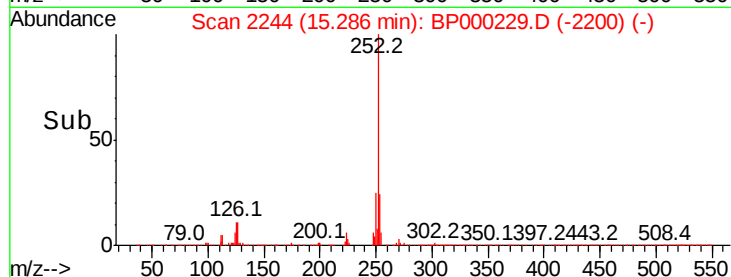
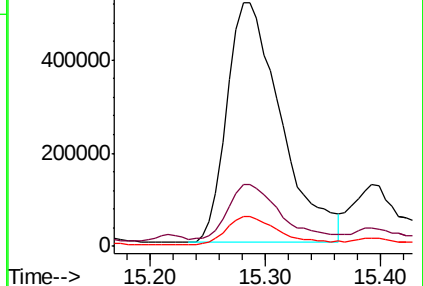
125 12.3 9.9 14.9



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



#89

Benzo(k)fluoranthene

Concen: 41.027 ng/ul

RT: 15.29 min Scan# 2244

Delta R.T. 0.03 min

Lab File: BP000229.D

Acq: 12 Sep 2019 21:23

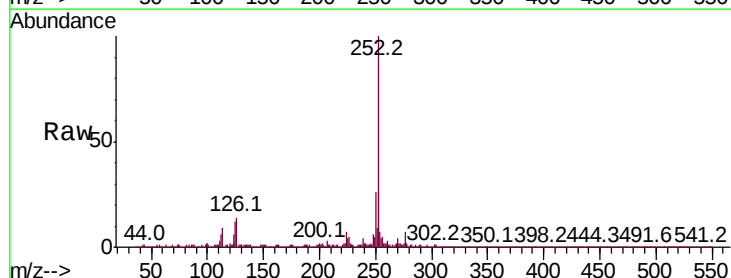
Tgt Ion:252 Resp: 1679634

Ion Ratio Lower Upper

252 100

253 25.6 18.0 27.0

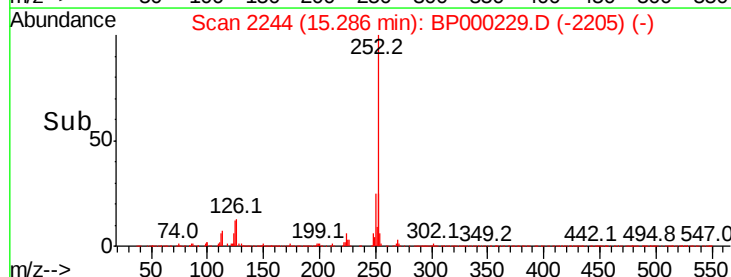
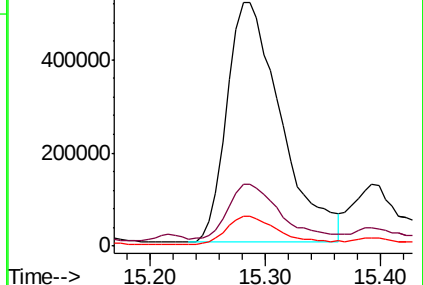
125 12.3 10.2 15.2

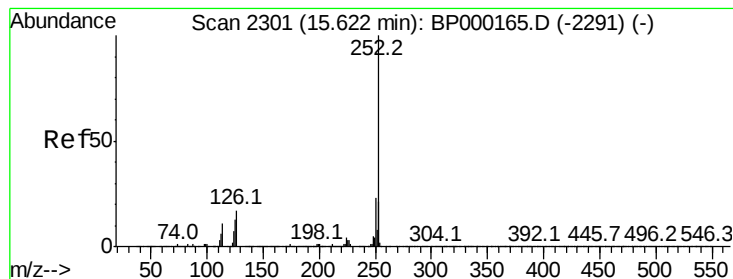


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 28.779 ng/ul

RT: 15.68 min Scan# 2311

Delta R.T. 0.06 min

Lab File: BP000229.D

Acq: 12 Sep 2019 21:23

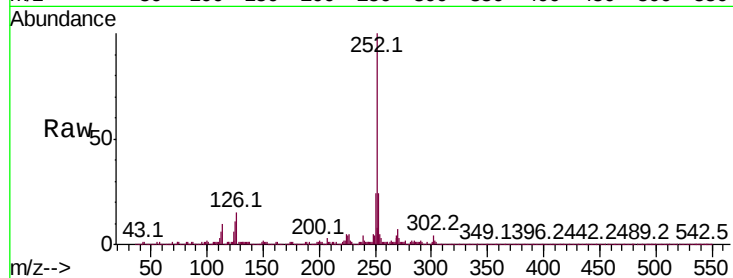
Instrument :

BNA_P

ClientSampleId :

Tot Ion:252 Resp: 1172690

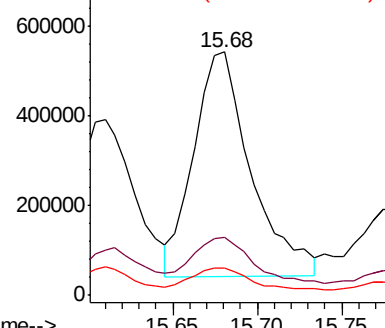
Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	11.1	10.2	15.2



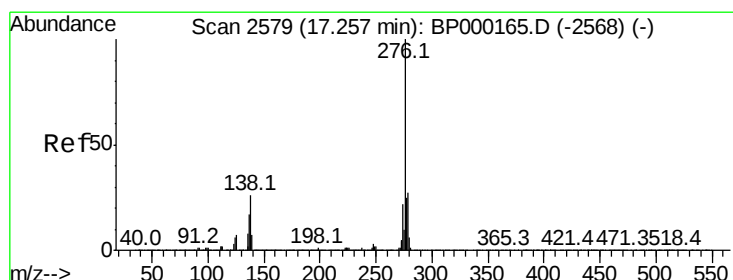
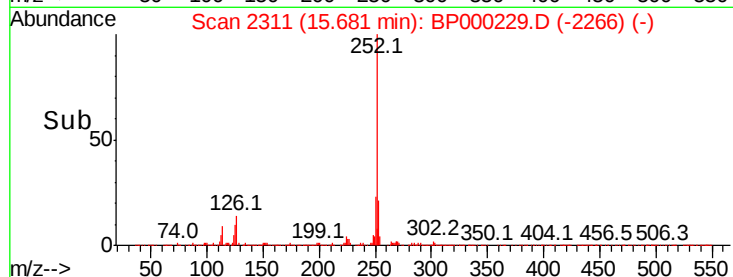
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#92

Indeno(1,2,3-cd)pyrene

Concen: 12.435 ng/ul

RT: 17.36 min Scan# 2597

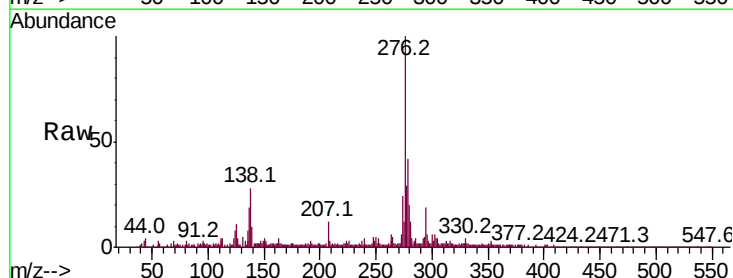
Delta R.T. 0.11 min

Lab File: BP000229.D

Acq: 12 Sep 2019 21:23

Tgt Ion:276 Resp: 582954

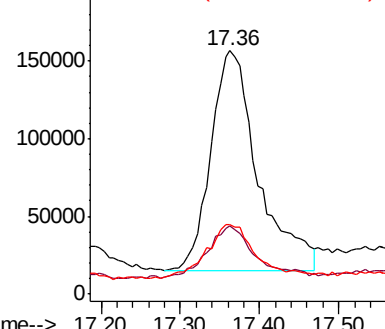
Ion	Ratio	Lower	Upper
276	100		
138	27.8	20.0	30.0
277	28.5	19.4	29.0



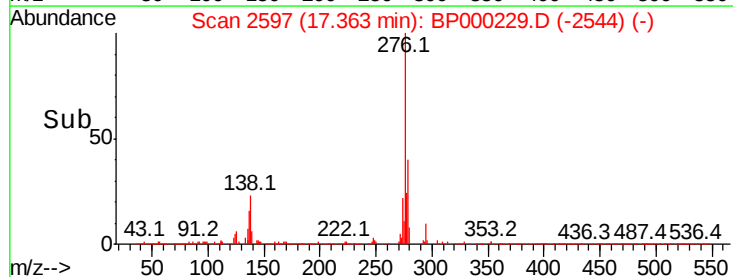
Abundance Ion 276.00 (275.70 to 276.70): E

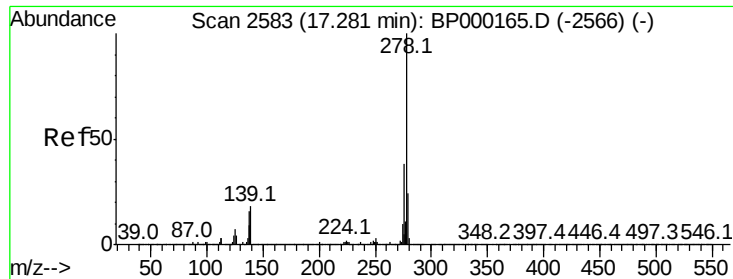
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->





#93

Dibenzo(a,h)anthracene

Concen: 3.815 ng/ul

RT: 17.36 min Scan# 2597

Delta R.T. 0.09 min

Lab File: BP000229.D

Acq: 12 Sep 2019 21:23

Instrument :

BNA_P

ClientSampleId :

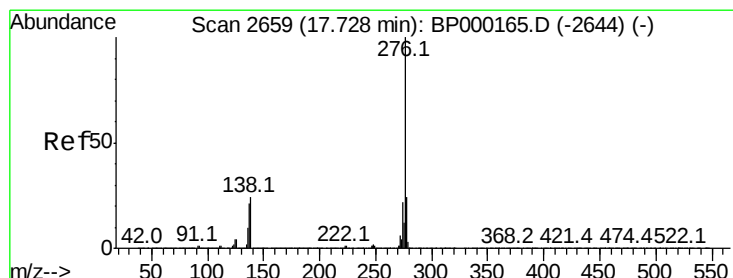
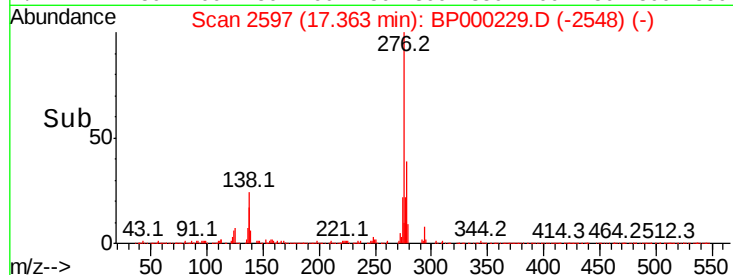
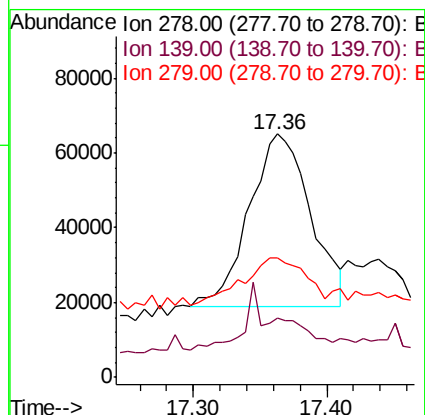
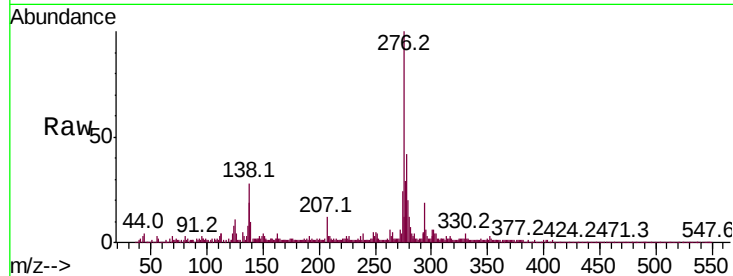
Tot Ion:278 Resp: 148131

Ion Ratio Lower Upper

278 100

139 24.5 15.1 22.7#

279 49.1 19.2 28.8#



#94

Benzo(g,h,i)perylene

Concen: 16.497 ng/ul

RT: 17.85 min Scan# 2680

Delta R.T. 0.13 min

Lab File: BP000229.D

Acq: 12 Sep 2019 21:23

Tgt Ion:276 Resp: 644784

Ion Ratio Lower Upper

276 100

138 25.1 20.0 30.0

277 23.9 19.1 28.7

