

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021920\
 Data File : BP001792.D
 Acq On : 19 Feb 2020 23:24
 Operator : CG/JU
 Sample : L1424-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Feb 20 00:56:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 19 02:37:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	490518	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	2061972	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1284695	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	2805065	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2848631	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	2999724	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	38029	3.22	ng/uL	0.00
5) Phenol-d5	6.83	99	714045	19.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	427607	19.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	621338	20.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	546348	18.58	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	286958	20.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	288662	22.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	608571	20.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	742635	20.92	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	1982122	21.99	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	2376976	21.41	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	274844	17.51	ng/ul	0.00
58) Fluorene-d10	15.29	176	1799597	22.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	161119	14.57	ng/ul	0.00
71) Anthracene-d10	17.14	188	2783817	22.53	ng/ul	0.00
79) Pyrene-d10	19.39	212	3389585	23.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	3657544	25.25	ng/ul	0.00

Target Compounds

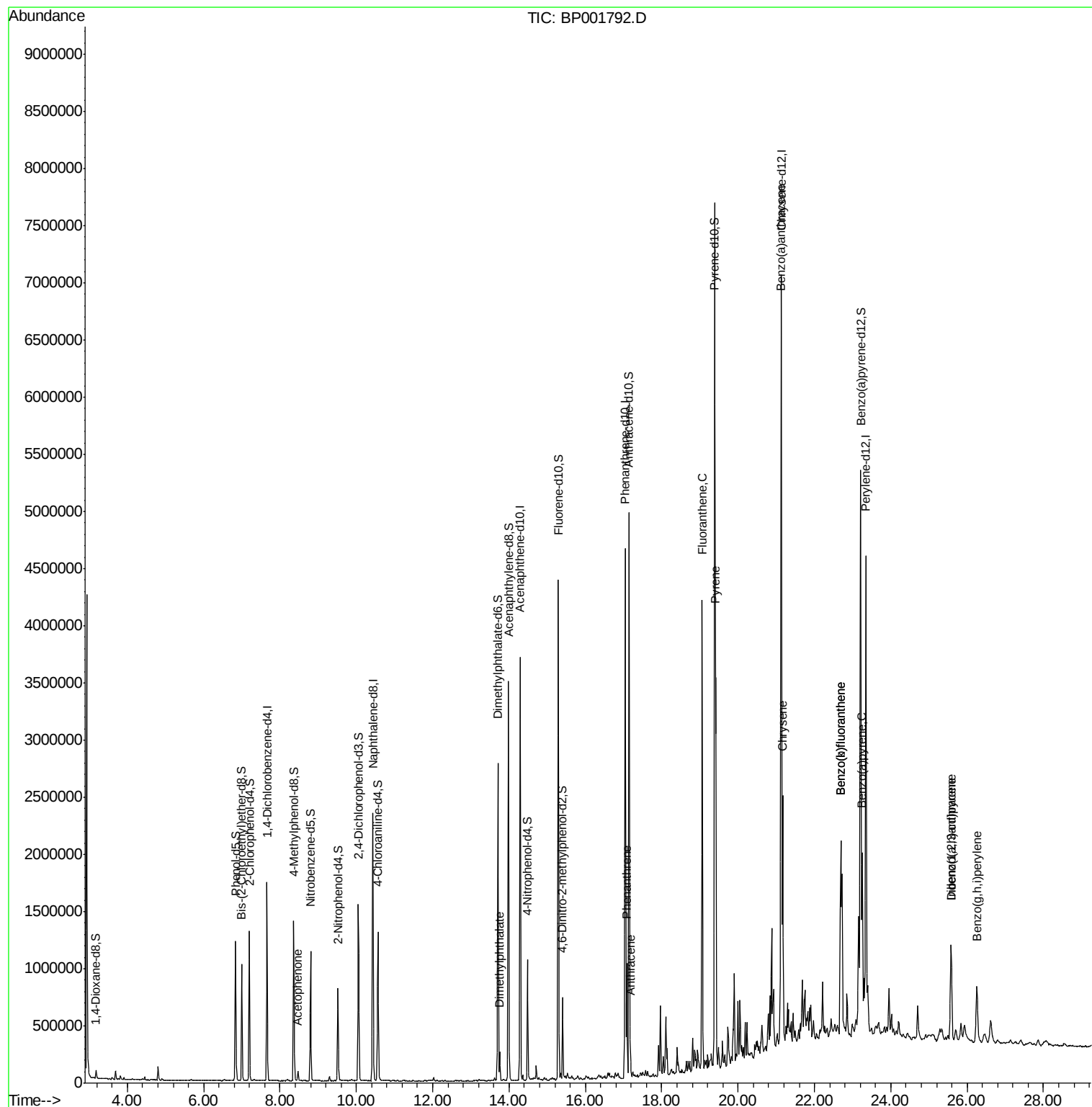
					Ovalue	
14) Acetophenone	8.47	105	46727	1.029	ng/ul	98
45) Dimethylphthalate	13.75	163	155538	1.639	ng/ul	99
70) Phenanthrene	17.09	178	629759	4.071	ng/ul	99
72) Anthracene	17.17	178	183407	1.200	ng/ul	99
77) Fluoranthene	19.06	202	2310974	13.951	ng/ul	98
80) Pyrene	19.41	202	2122425	10.954	ng/ul	99
83) Benzo(a)anthracene	21.12	228	1319912	7.036	ng/ul	97
85) Chrysene	21.17	228	1207403	6.588	ng/ul	98
88) Benzo(b)fluoranthene	22.69	252	1574786	8.922	ng/ul	98
89) Benzo(k)fluoranthene	22.69	252	1574786	8.607	ng/ul	98
91) Benzo(a)pyrene	23.25	252	1123867	6.794	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.58	276	695944	3.368	ng/ul	95
93) Dibenzo(a,h)anthracene	25.58	278	188018	1.083	ng/ul#	80
94) Benzo(g,h,i)perylene	26.25	276	602066	3.427	ng/ul	99

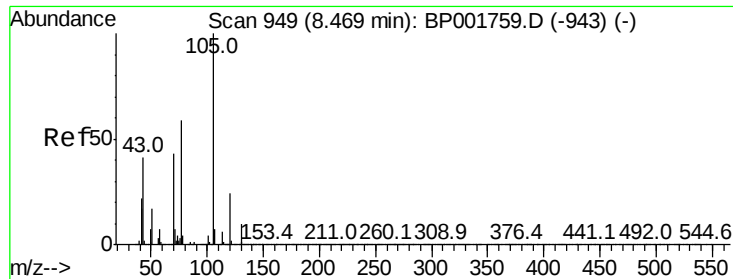
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_P
ClientSampled :

Quant Time: Feb 20 00:56:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 02:37:06 2020
Response via : Initial Calibration





#14

Acetophenone

Concen: 1.029 ng/ul

RT: 8.47 min Scan# 949

Delta R.T. -0.00 min

Lab File: BP001792.D

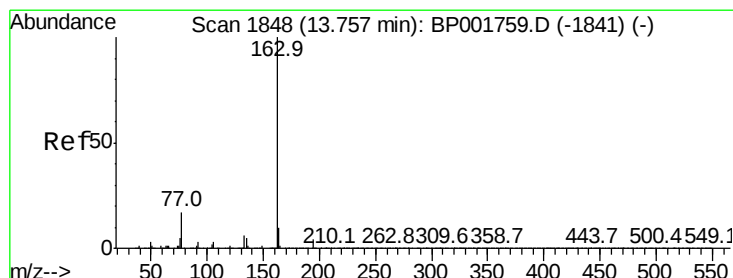
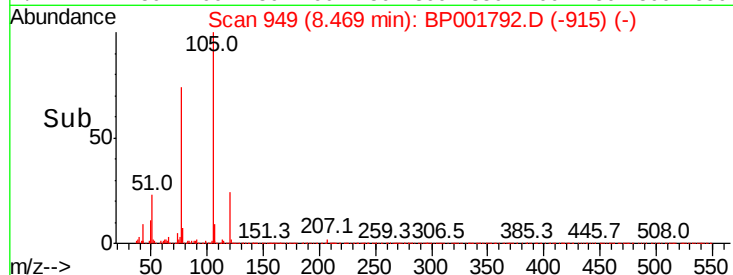
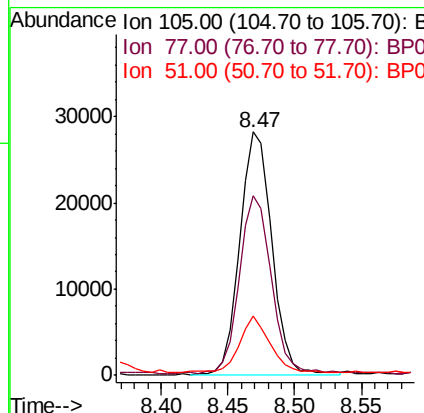
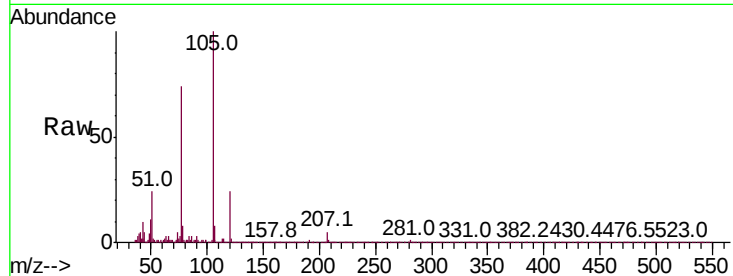
Acq: 19 Feb 2020 23:24

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	105	Resp:	46727
Ion	Ratio	Lower	Upper
105	100		
77	74.0	59.8	89.6
51	24.1	17.9	26.9



#45

Dimethylphthalate

Concen: 1.639 ng/ul

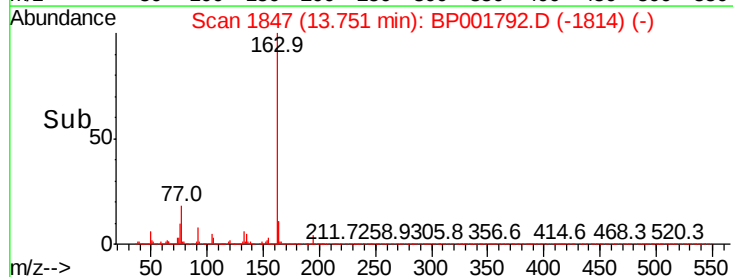
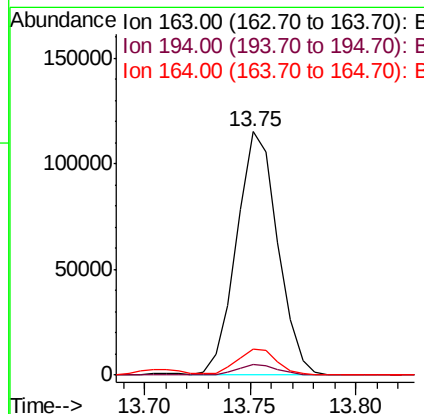
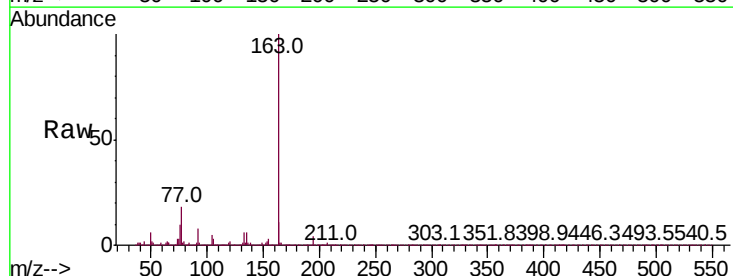
RT: 13.75 min Scan# 1847

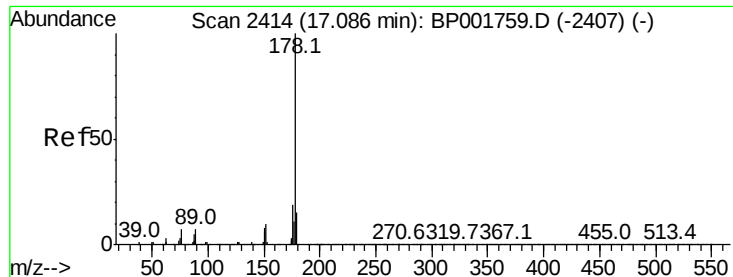
Delta R.T. -0.01 min

Lab File: BP001792.D

Acq: 19 Feb 2020 23:24

Tgt Ion:	163	Resp:	155538
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.6	8.0	12.0

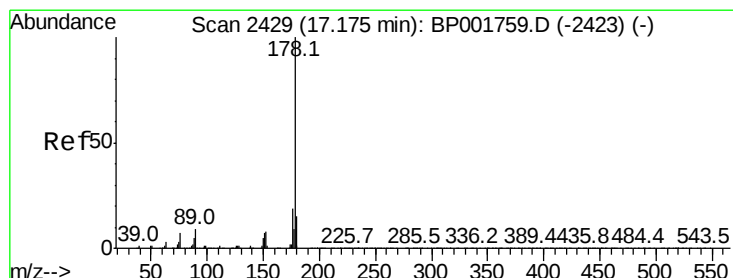
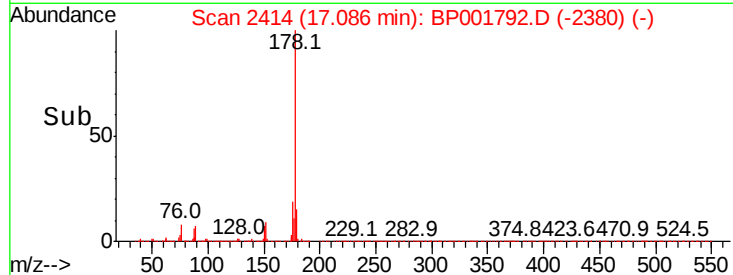
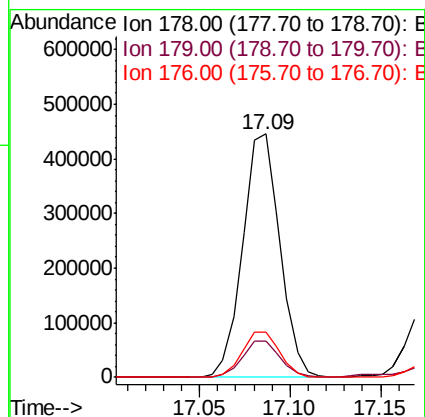
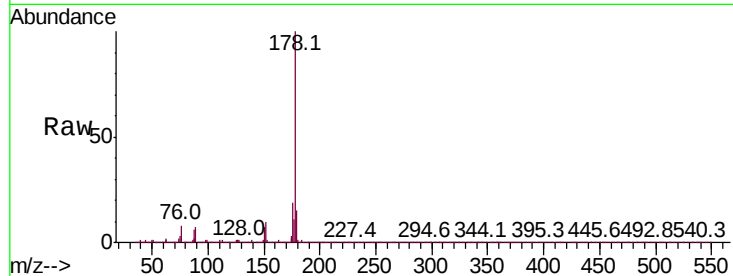




#70
Phenanthrene
Concen: 4.071 ng/ul
RT: 17.09 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BP001792.D
Acq: 19 Feb 2020 23:24

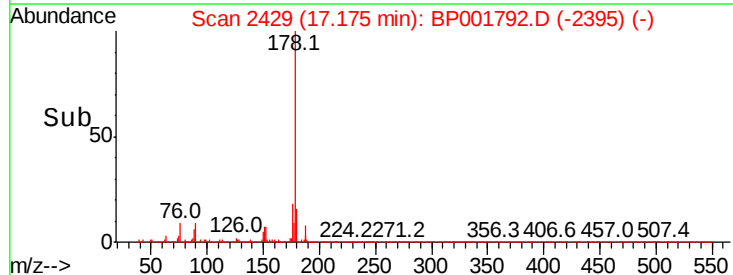
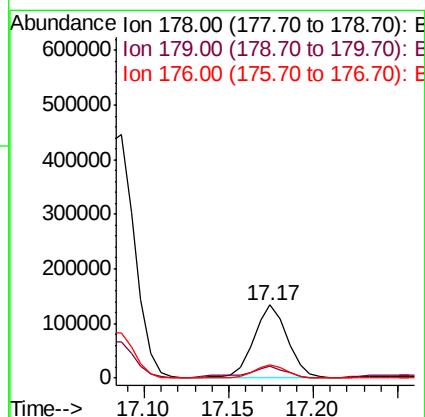
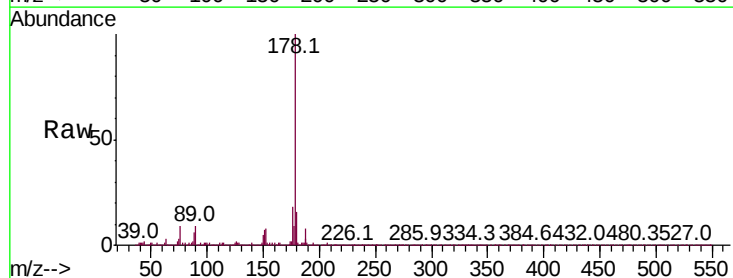
Instrument :
BNA_P
ClientSampleId :

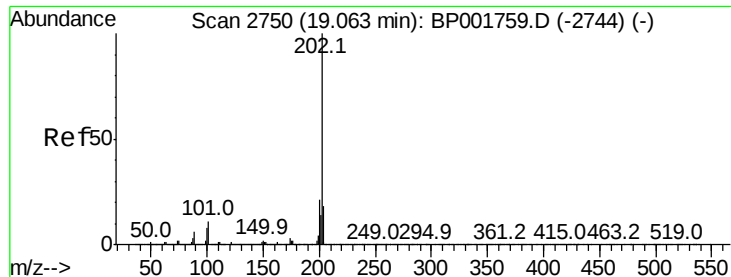
Tot Ion:178 Resp: 629759
Ion Ratio Lower Upper
178 100
179 15.2 12.3 18.5
176 18.5 15.3 22.9



#72
Anthracene
Concen: 1.200 ng/ul
RT: 17.17 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BP001792.D
Acq: 19 Feb 2020 23:24

Tgt Ion:178 Resp: 183407
Ion Ratio Lower Upper
178 100
179 16.4 12.4 18.6
176 18.4 14.8 22.2





#77

Fluoranthene

Concen: 13.951 ng/ul

RT: 19.06 min Scan# 2750

Delta R.T. -0.00 min

Lab File: BP001792.D

Acq: 19 Feb 2020 23:24

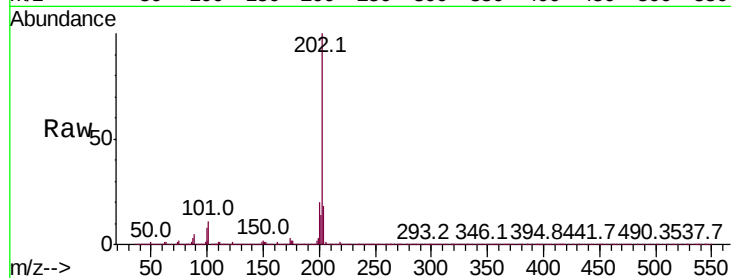
Instrument :

BNA_P

ClientSampleId :

Tot Ion:202 Resp: 2310974

Ion	Ratio	Lower	Upper
202	100		
101	10.6	9.1	13.7
100	7.8	6.6	9.8

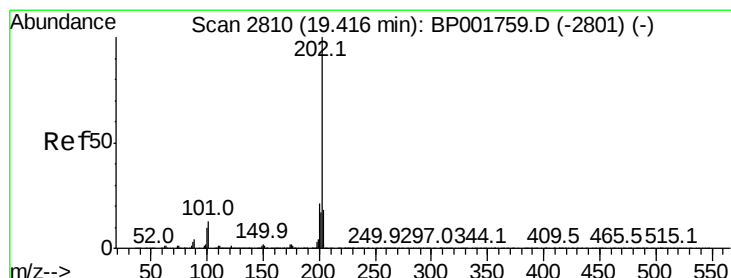
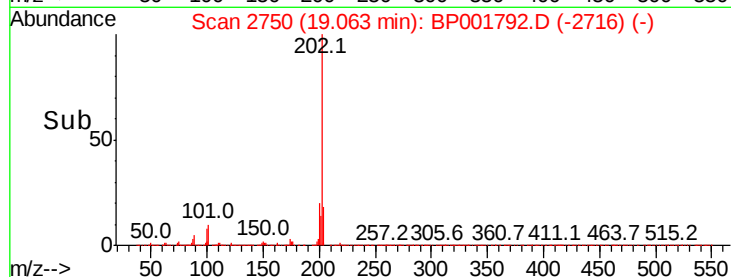
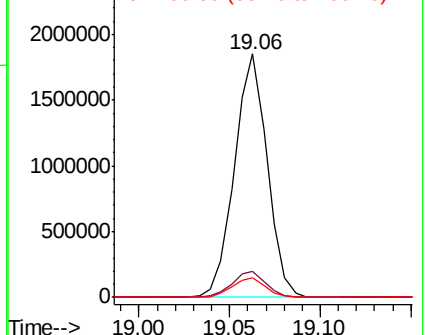


Abundance

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): BF



#80

Pyrene

Concen: 10.954 ng/ul

RT: 19.41 min Scan# 2809

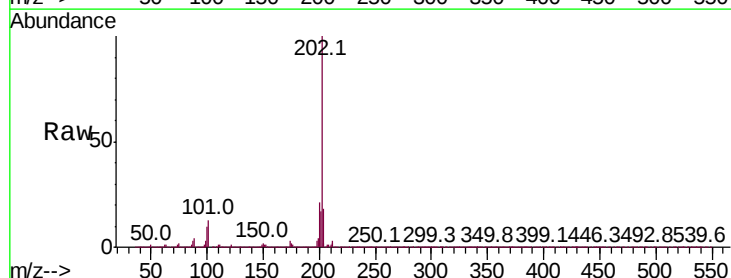
Delta R.T. -0.01 min

Lab File: BP001792.D

Acq: 19 Feb 2020 23:24

Tgt Ion:202 Resp: 2122425

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.2	15.2
100	10.4	8.2	12.2

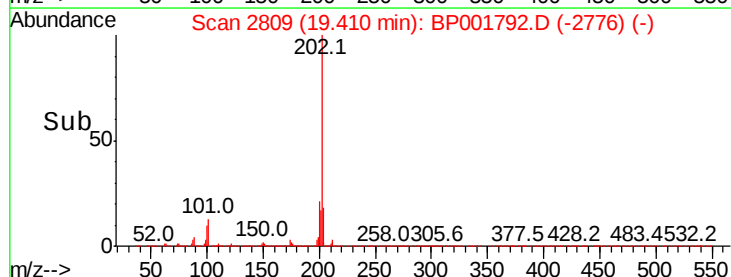
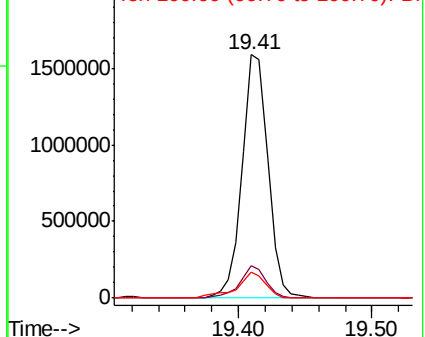


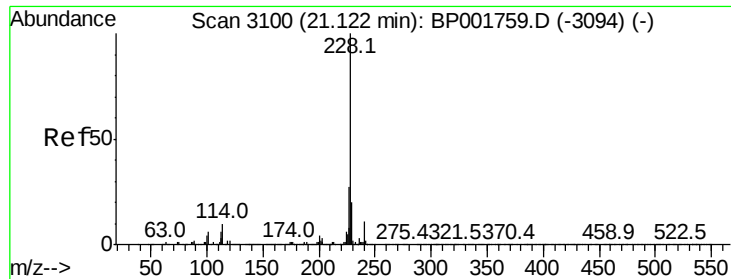
Abundance

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

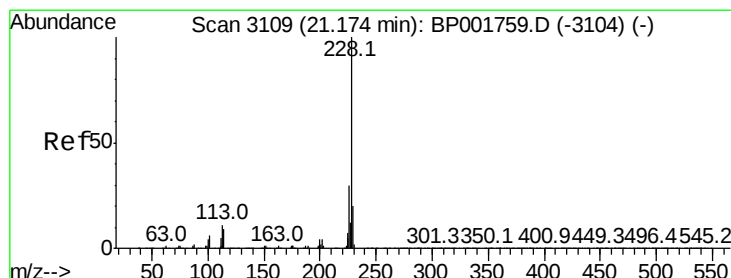
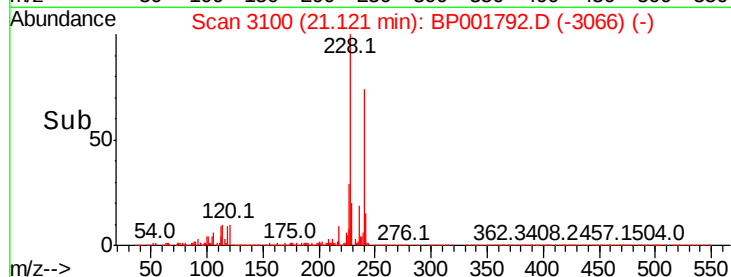
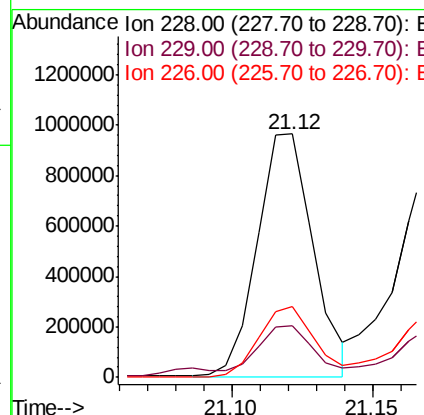
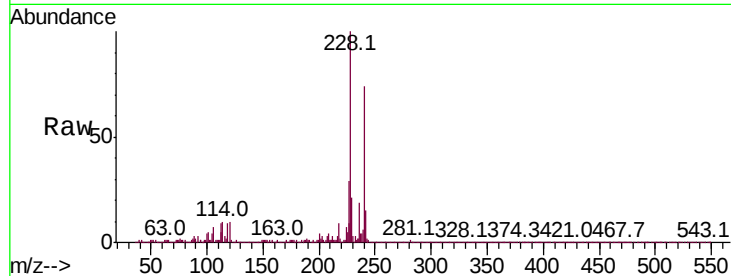




#83
Benzo(a)anthracene
Concen: 7.036 ng/ul
RT: 21.12 min Scan# 3100
Delta R.T. -0.00 min
Lab File: BP001792.D
Acq: 19 Feb 2020 23:24

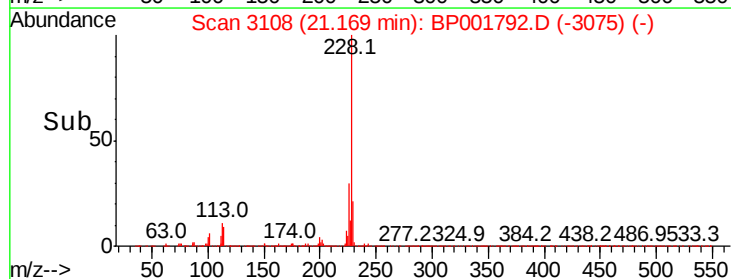
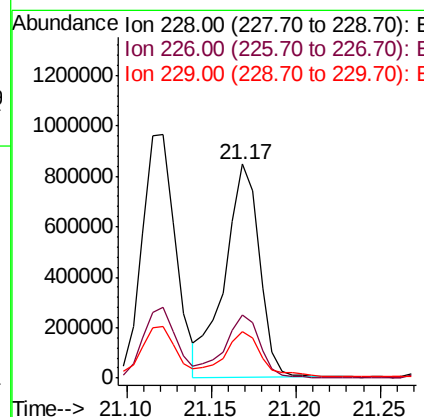
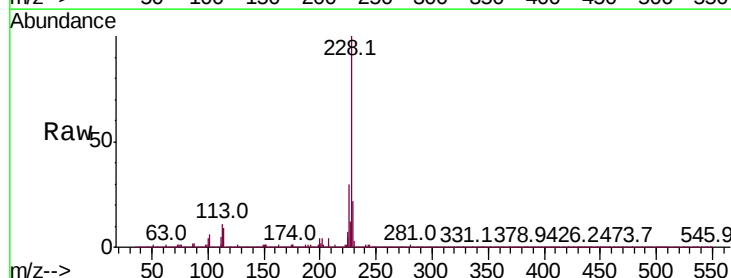
Instrument :
BNA_P
ClientSampleId :

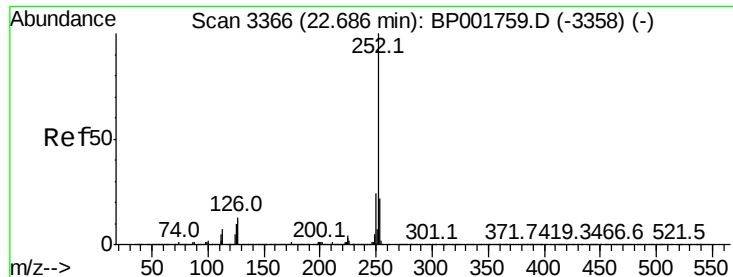
Tot Ion:228 Resp: 1319912
Ion Ratio Lower Upper
228 100
229 21.0 16.2 24.4
226 29.3 22.0 33.0



#85
Chrysene
Concen: 6.588 ng/ul
RT: 21.17 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BP001792.D
Acq: 19 Feb 2020 23:24

Tgt Ion:228 Resp: 1207403
Ion Ratio Lower Upper
228 100
226 29.7 24.2 36.2
229 21.6 15.7 23.5





#88

Benzo(b)fluoranthene

Concen: 8.922 ng/ul

RT: 22.69 min Scan# 3366

Delta R.T. -0.00 min

Lab File: BP001792.D

Acq: 19 Feb 2020 23:24

Instrument :

BNA_P

ClientSampleId :

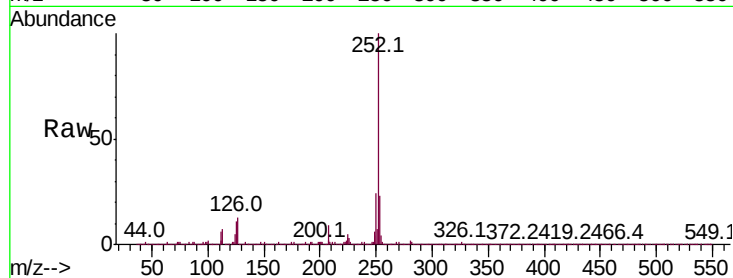
Tot Ion:252 Resp: 1574786

Ion Ratio Lower Upper

252 100

253 23.0 17.7 26.5

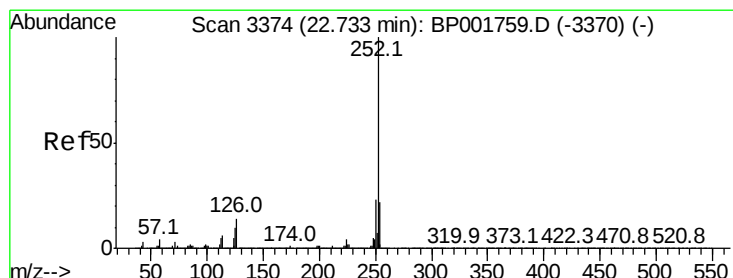
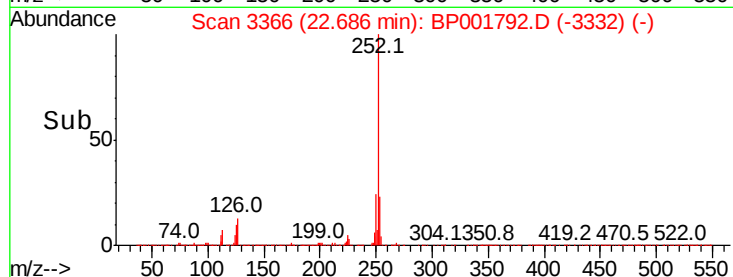
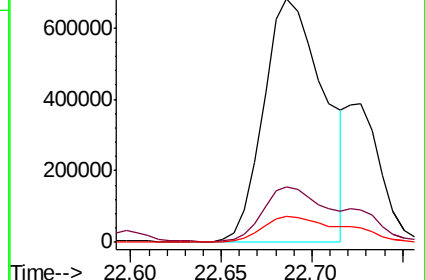
125 10.7 7.8 11.6



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: 8.607 ng/ul

RT: 22.69 min Scan# 3366

Delta R.T. -0.05 min

Lab File: BP001792.D

Acq: 19 Feb 2020 23:24

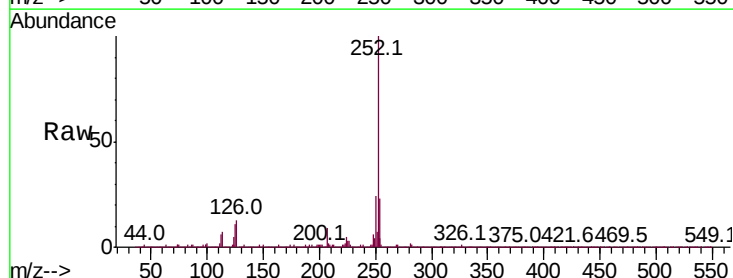
Tgt Ion:252 Resp: 1574786

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.6

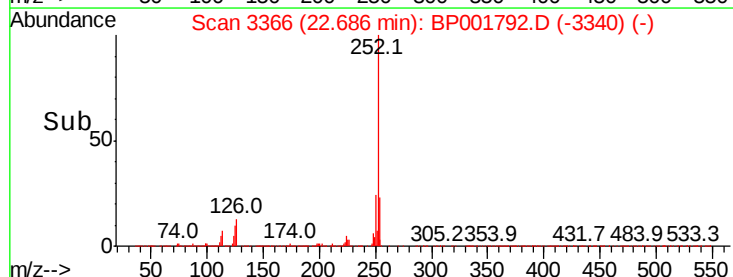
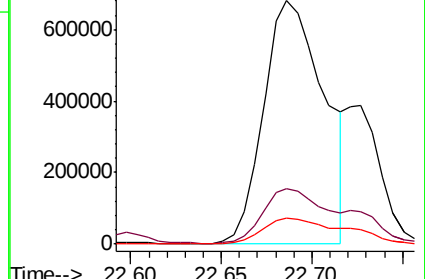
125 10.7 8.0 12.0

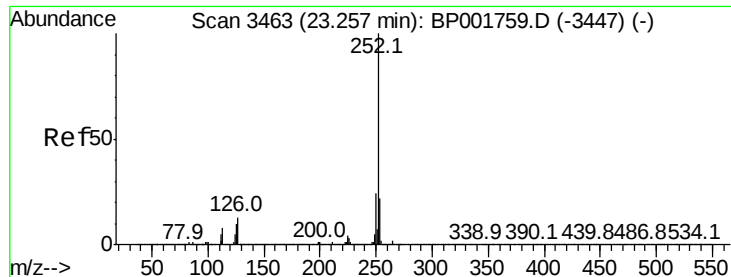


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 6.794 ng/u1

RT: 23.25 min Scan# 3462

Delta R.T. -0.01 min

Lab File: BP001792.D

Acq: 19 Feb 2020 23:24

Instrument :

BNA_P

ClientSampleId :

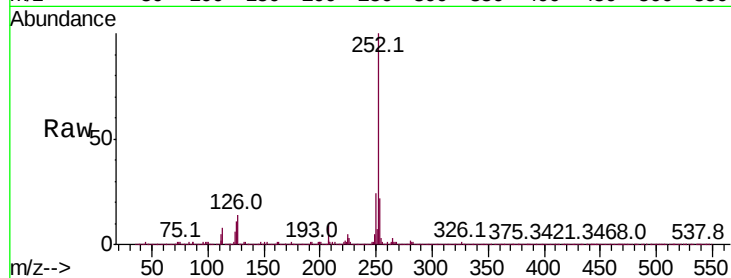
Tot Ion:252 Resp: 1123867

Ion Ratio Lower Upper

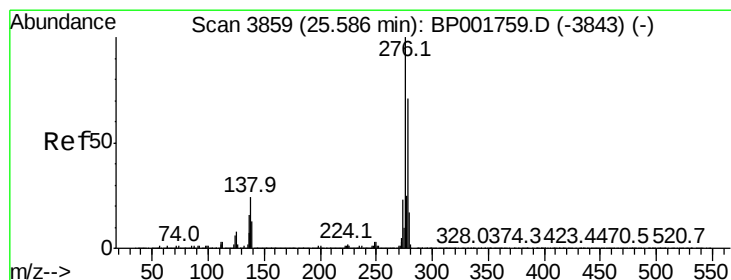
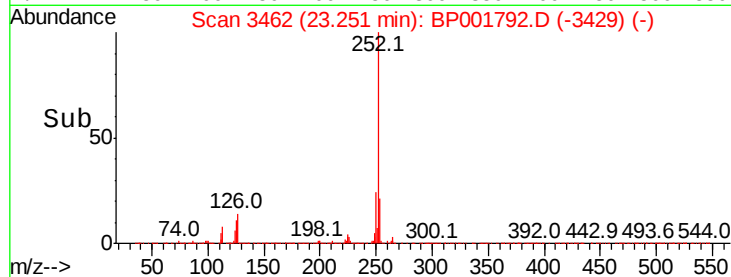
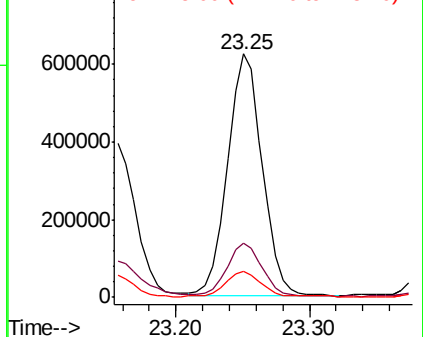
252 100

253 22.2 17.6 26.4

125 10.8 8.3 12.5



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 3.368 ng/u1

RT: 25.58 min Scan# 3858

Delta R.T. -0.01 min

Lab File: BP001792.D

Acq: 19 Feb 2020 23:24

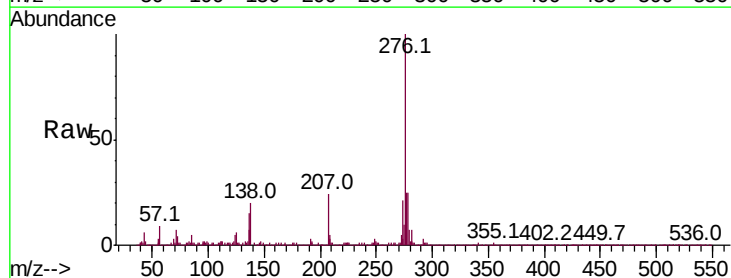
Tgt Ion:276 Resp: 695944

Ion Ratio Lower Upper

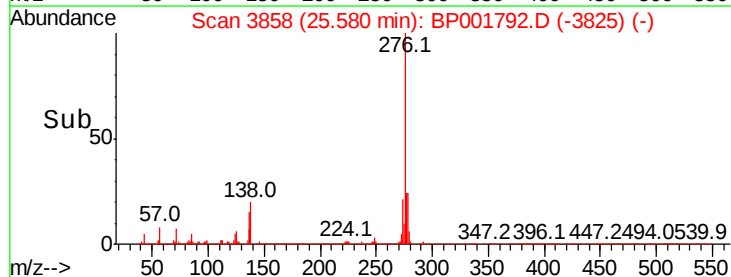
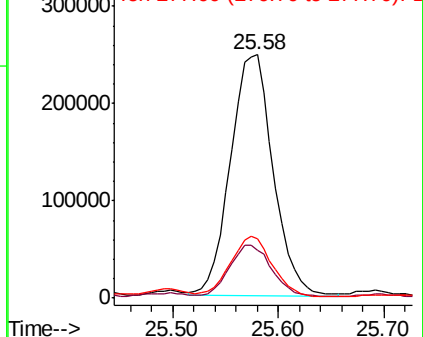
276 100

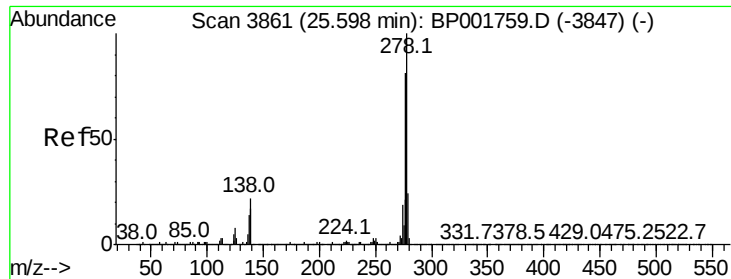
138 19.9 19.3 28.9

277 24.6 20.0 30.0



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





#93

Dibenzo(a,h)anthracene

Concen: 1.083 ng/ul

RT: 25.58 min Scan# 3858

Delta R.T. -0.02 min

Lab File: BP001792.D

Acq: 19 Feb 2020 23:24

Instrument :

BNA_P

ClientSampleId :

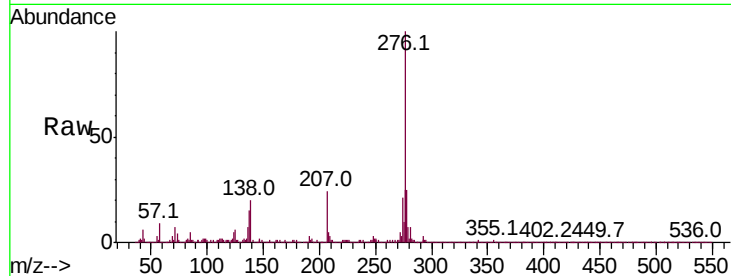
Tot Ion:278 Resp: 188018

Ion Ratio Lower Upper

278 100

139 0.0 13.3 19.9#

279 27.8 19.3 28.9

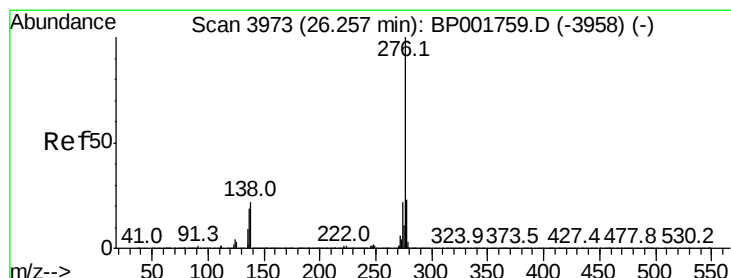
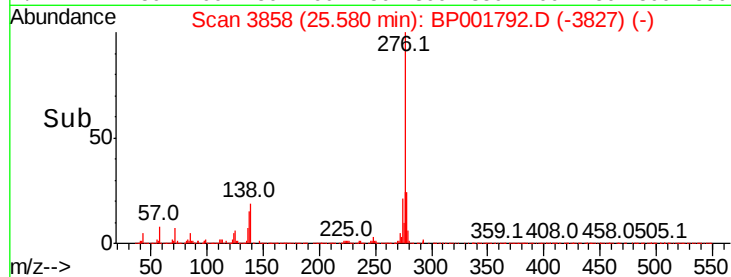
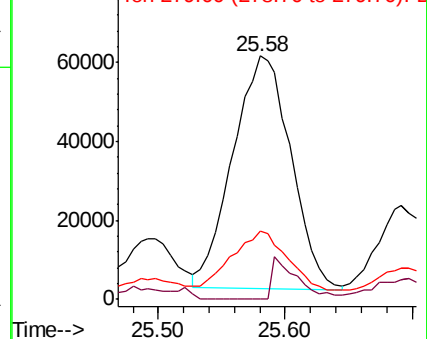


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#94

Benzo(g,h,i)perylene

Concen: 3.427 ng/ul

RT: 26.25 min Scan# 3972

Delta R.T. -0.01 min

Lab File: BP001792.D

Acq: 19 Feb 2020 23:24

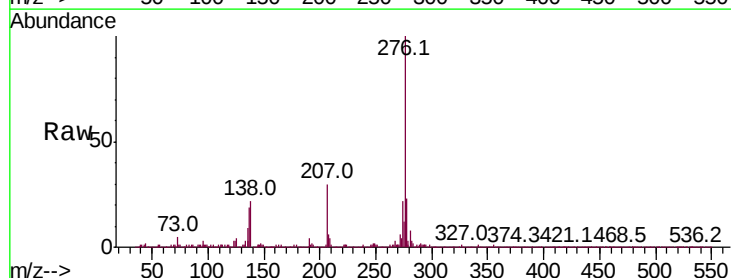
Tgt Ion:276 Resp: 602066

Ion Ratio Lower Upper

276 100

138 21.8 17.7 26.5

277 23.2 18.8 28.2



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

