

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP022420\
 Data File : BP001926.D
 Acq On : 26 Feb 2020 14:34
 Operator : CG/JU
 Sample : L1543-16
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Feb 27 03:14:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 26 05:53:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	324152	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	1394203	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	912506	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2086151	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2262880	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	2251214	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	31565	4.04	ng/uL	0.00
5) Phenol-d5	6.83	99	681360	27.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	366477	25.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	582695	29.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	549127	28.26	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	281462	29.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	316085	37.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	606003	29.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	668890	27.86	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	1902091	29.70	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	2303624	29.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	295332	26.49	ng/ul	0.00
58) Fluorene-d10	15.28	176	1699236	29.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	211408	25.70	ng/ul	0.00
71) Anthracene-d10	17.13	188	2697468	29.35	ng/ul	0.00
79) Pyrene-d10	19.38	212	3221703	27.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	3440432	31.64	ng/ul	0.00

Target Compounds

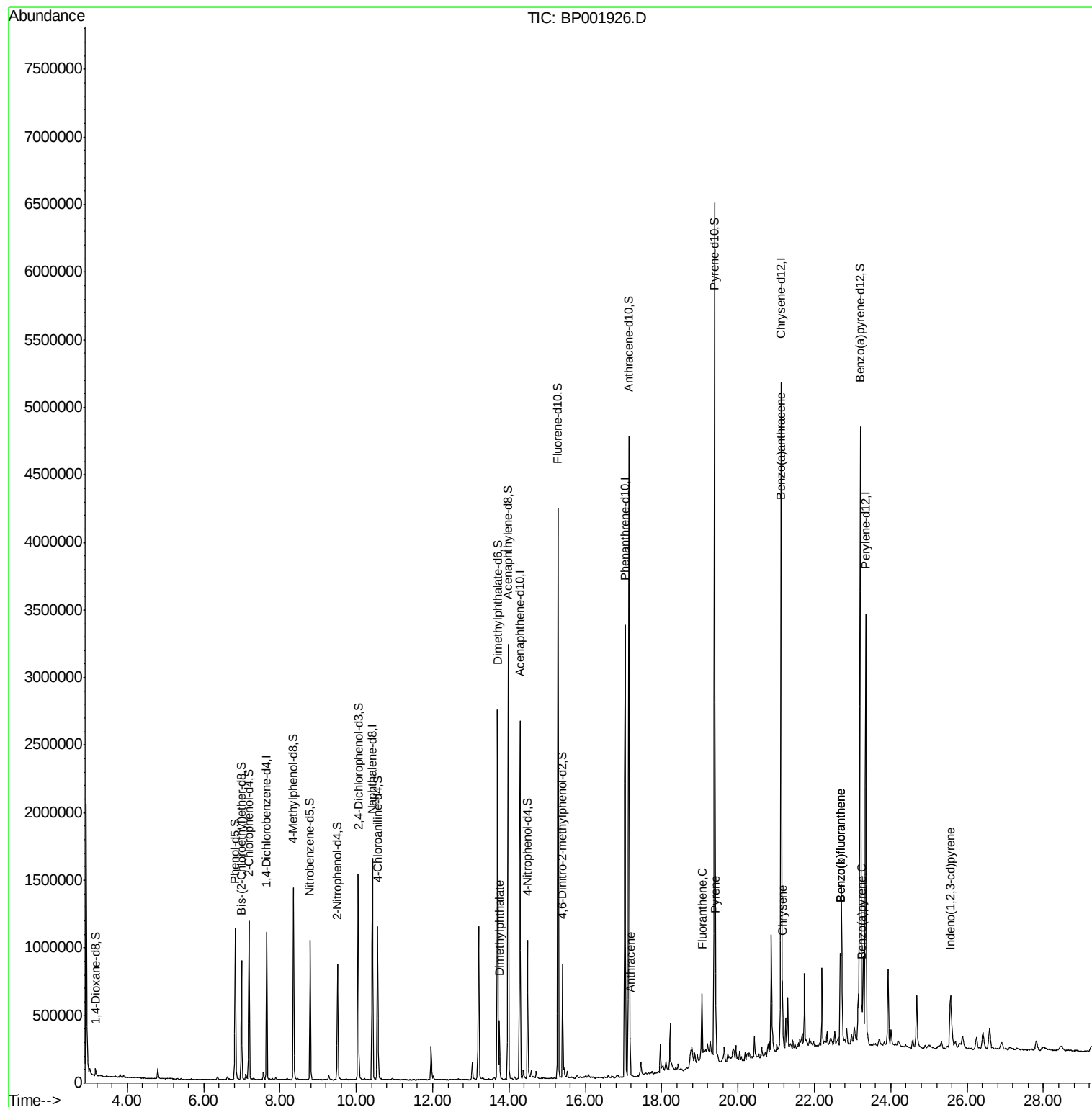
					Ovalue
45) Dimethylphthalate	13.75	163	287241	4.262 ng/ul	99
72) Anthracene	17.17	178	163442	1.438 ng/ul	100
77) Fluoranthene	19.06	202	283978	2.305 ng/ul	95
80) Pyrene	19.41	202	383246	2.490 ng/ul	96
83) Benzo(a)anthracene	21.12	228	239536	1.607 ng/ul	97
85) Chrysene	21.16	228	330853	2.273 ng/ul	98
88) Benzo(b)fluoranthene	22.68	252	626056	4.726 ng/ul	98
89) Benzo(k)fluoranthene	22.68	252	626056	4.560 ng/ul	98
91) Benzo(a)pyrene	23.24	252	193673	1.560 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.56	276	171626	1.107 ng/ul	97

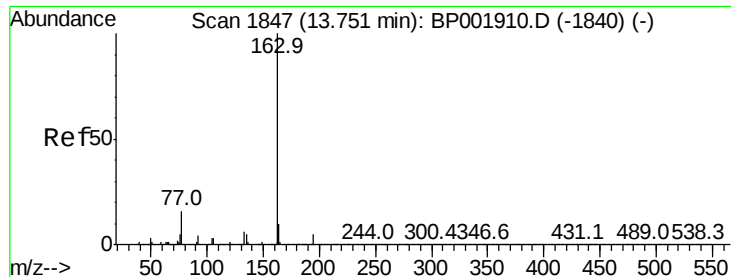
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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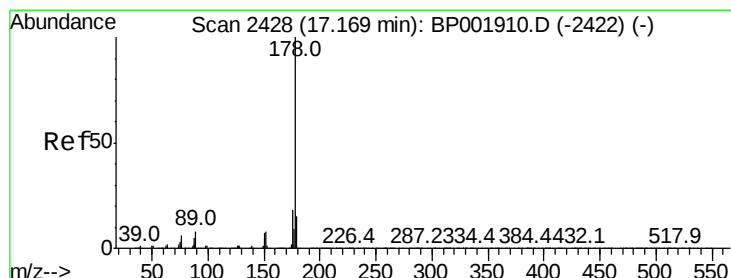
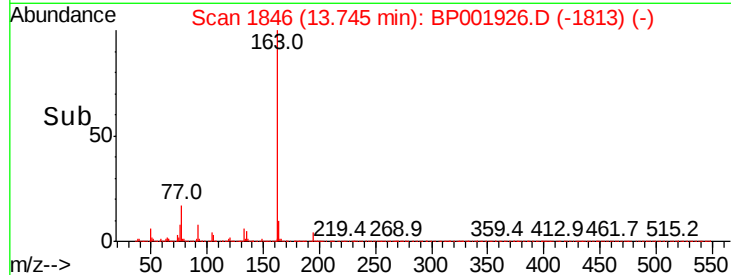
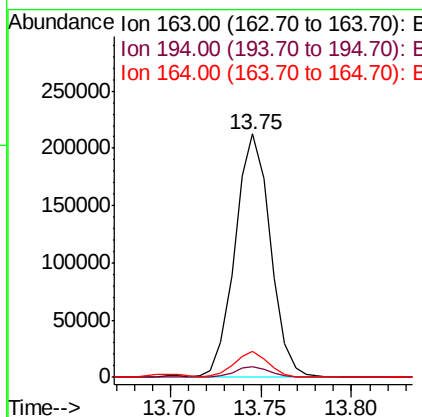
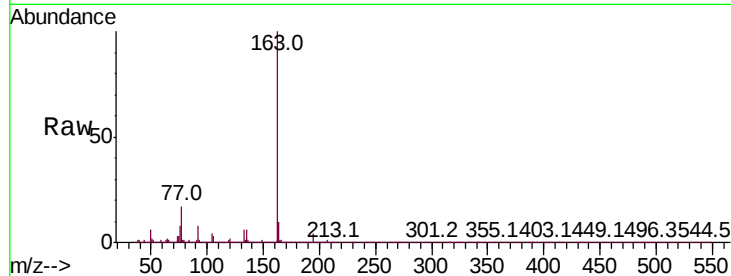




#45
Dimethylphthalate
Concen: 4.262 ng/ul
RT: 13.75 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BP001926.D
Acq: 26 Feb 2020 14:34

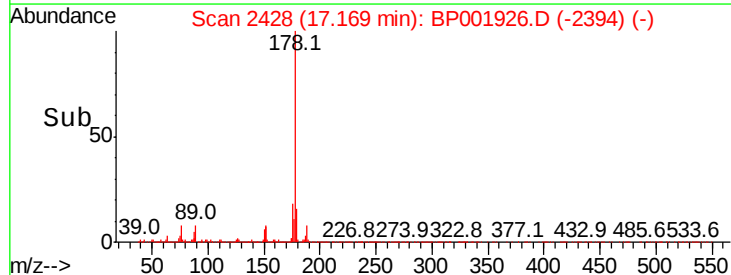
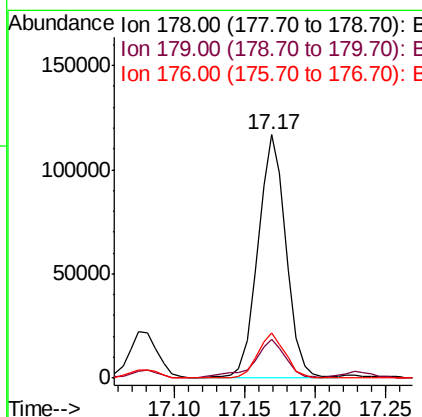
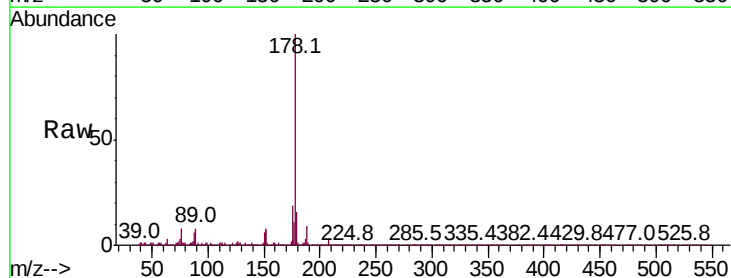
Instrument :
BNA_P
ClientSampleId :

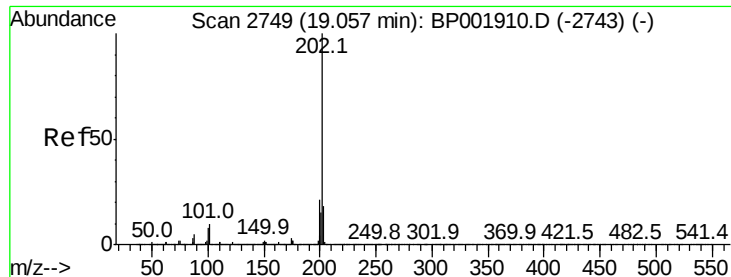
Tot Ion:163 Resp: 287241
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 10.5 8.0 12.0



#72
Anthracene
Concen: 1.438 ng/ul
RT: 17.17 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BP001926.D
Acq: 26 Feb 2020 14:34

Tgt Ion:178 Resp: 163442
Ion Ratio Lower Upper
178 100
179 15.9 12.4 18.6
176 18.5 14.8 22.2





#77

Fluoranthene

Concen: 2.305 ng/ul

RT: 19.06 min Scan# 2749

Delta R.T. -0.00 min

Lab File: BP001926.D

Acq: 26 Feb 2020 14:34

Instrument :

BNA_P

ClientSampleId :

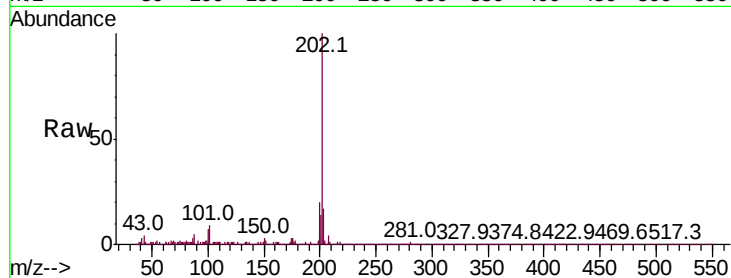
Tot Ion:202 Resp: 283978

Ion Ratio Lower Upper

202 100

101 9.2 9.1 13.7

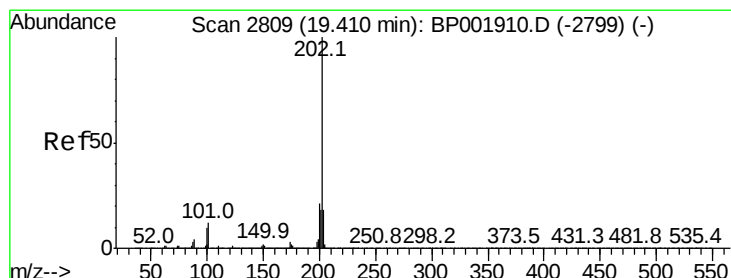
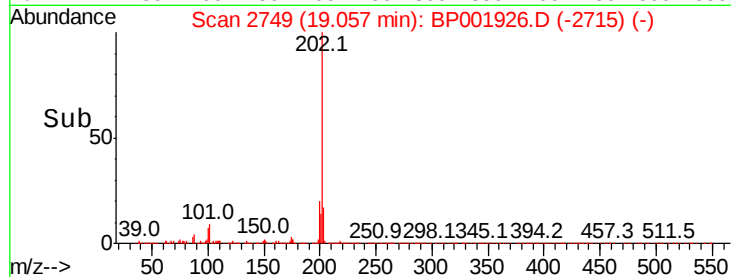
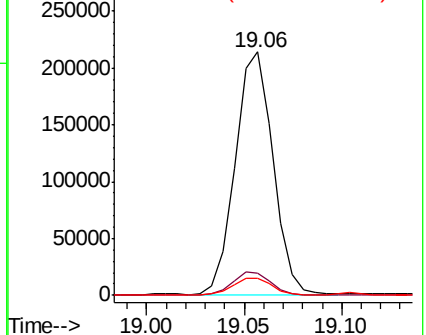
100 6.8 6.6 9.8



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: 2.490 ng/ul

RT: 19.41 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BP001926.D

Acq: 26 Feb 2020 14:34

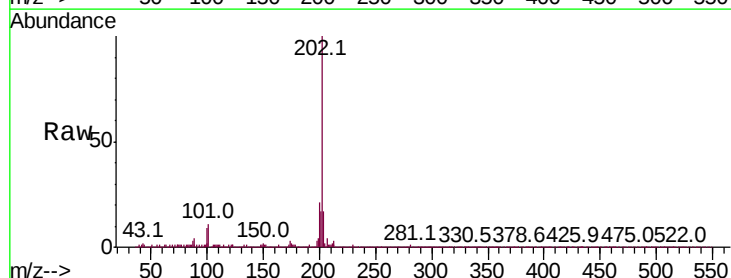
Tgt Ion:202 Resp: 383246

Ion Ratio Lower Upper

202 100

101 11.1 10.2 15.2

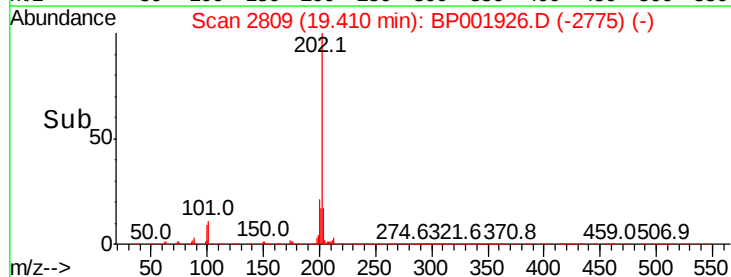
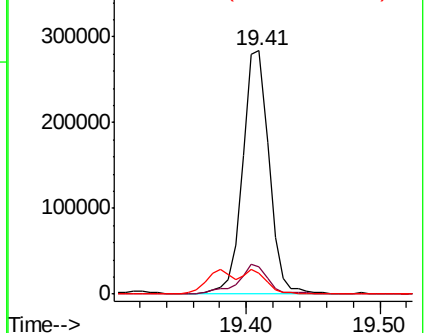
100 8.7 8.2 12.2

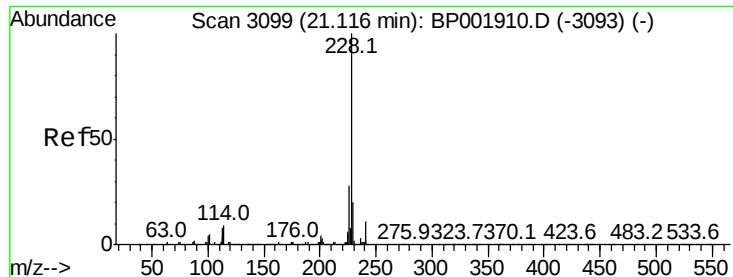


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BF





#83

Benzo(a)anthracene

Concen: 1.607 ng/ul

RT: 21.12 min Scan# 3099

Delta R.T. -0.00 min

Lab File: BP001926.D

Acq: 26 Feb 2020 14:34

Instrument :

BNA_P

ClientSampleId :

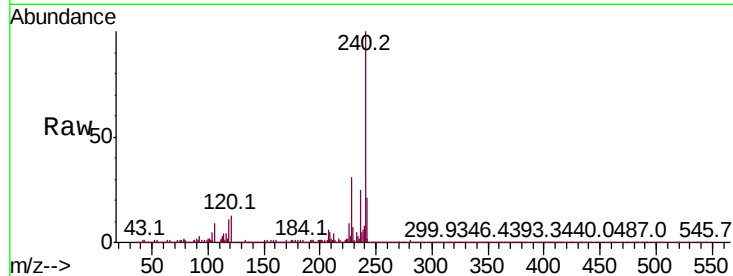
Tot Ion:228 Resp: 239536

Ion Ratio Lower Upper

228 100

229 20.8 16.2 24.4

226 29.5 22.0 33.0

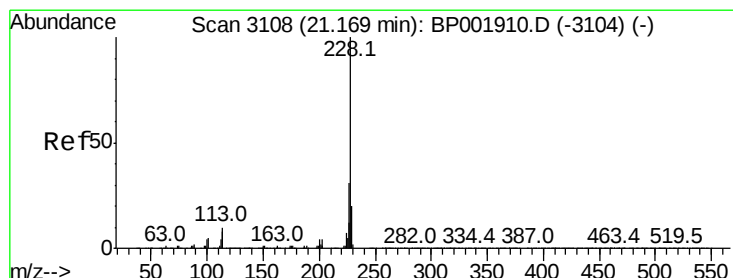
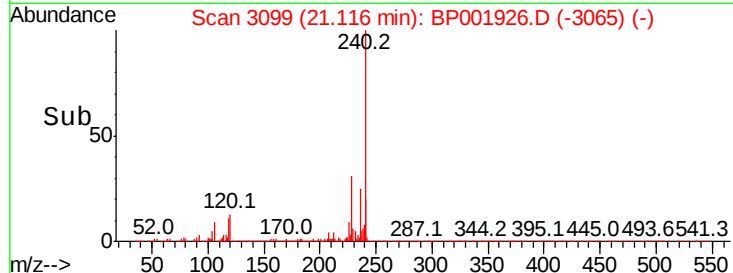
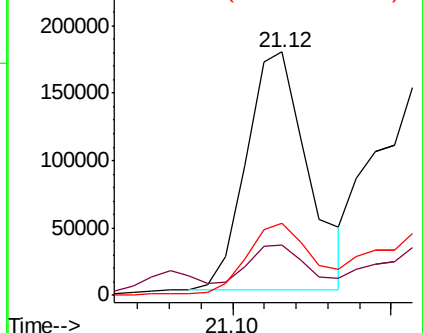


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#85

Chrysene

Concen: 2.273 ng/ul

RT: 21.16 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BP001926.D

Acq: 26 Feb 2020 14:34

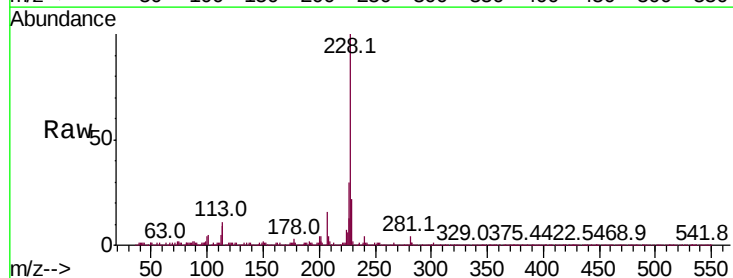
Tgt Ion:228 Resp: 330853

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.2

229 21.8 15.7 23.5

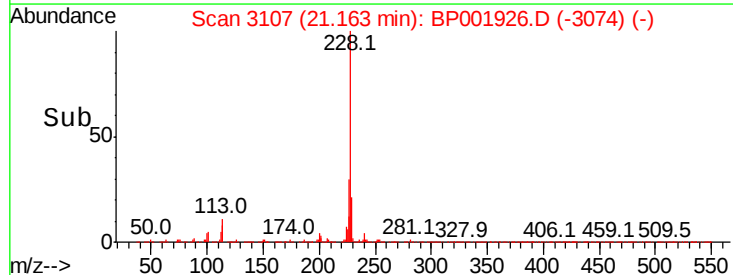
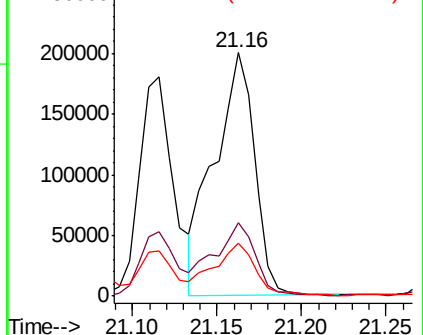


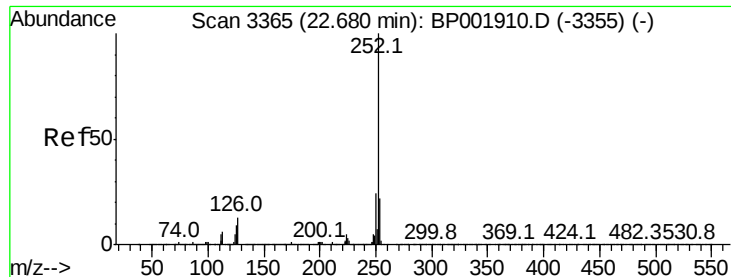
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 4.726 ng/ul

RT: 22.68 min Scan# 3365

Delta R.T. -0.00 min

Lab File: BP001926.D

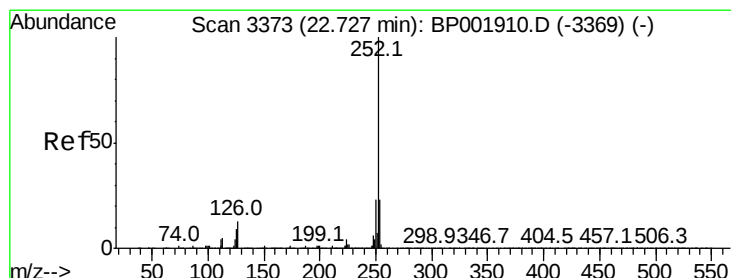
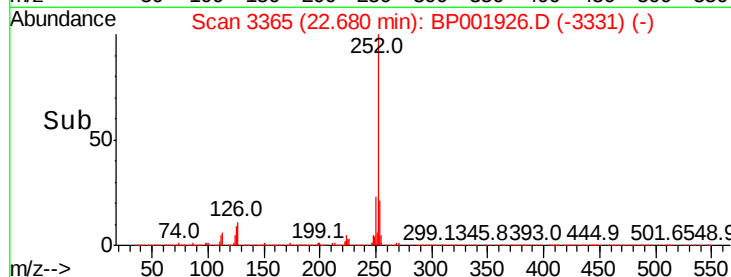
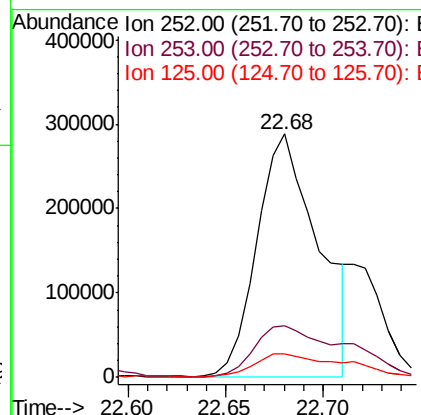
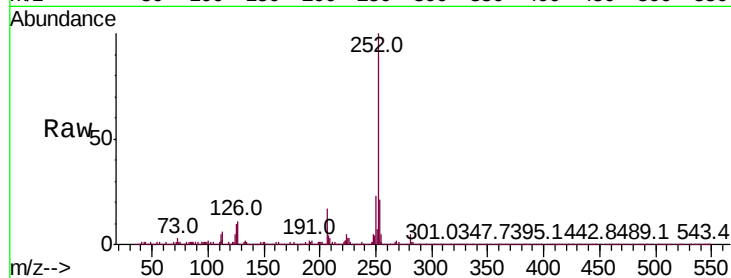
Acq: 26 Feb 2020 14:34

Instrument :

BNA_P

ClientSampleId :

Tot Ion:252	Resp:	626056
Ion	Ratio	Lower Upper
252	100	
253	21.1	17.7 26.5
125	9.7	7.8 11.6



#89

Benzo(k)fluoranthene

Concen: 4.560 ng/ul

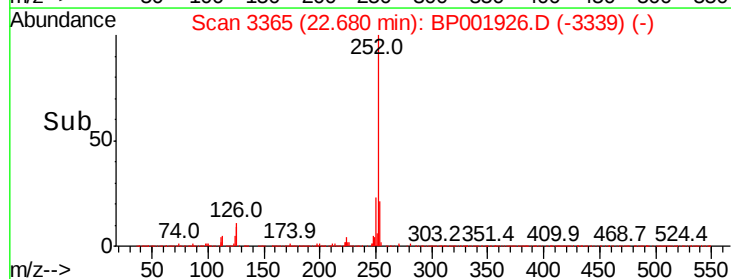
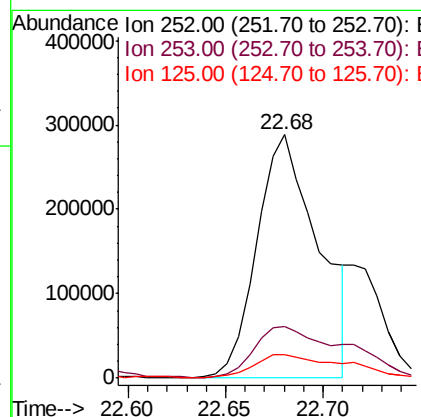
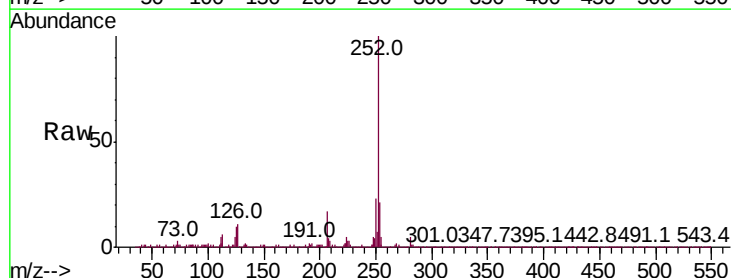
RT: 22.68 min Scan# 3365

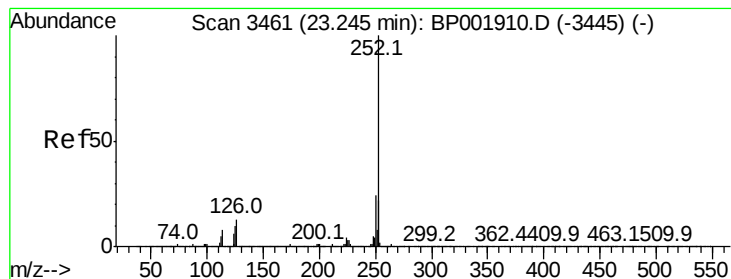
Delta R.T. -0.05 min

Lab File: BP001926.D

Acq: 26 Feb 2020 14:34

Tgt Ion:252	Resp:	626056
Ion	Ratio	Lower Upper
252	100	
253	21.1	17.8 26.6
125	9.7	8.0 12.0





#91

Benzo(a)pyrene

Concen: 1.560 ng/ul

RT: 23.24 min Scan# 3461

Delta R.T. -0.00 min

Lab File: BP001926.D

Acq: 26 Feb 2020 14:34

Instrument :

BNA_P

ClientSampleId :

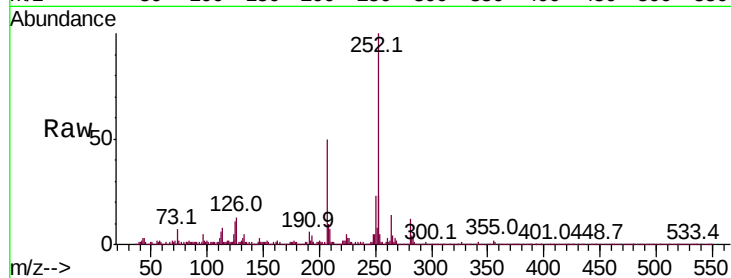
Tot Ion:252 Resp: 193673

Ion Ratio Lower Upper

252 100

253 23.3 17.6 26.4

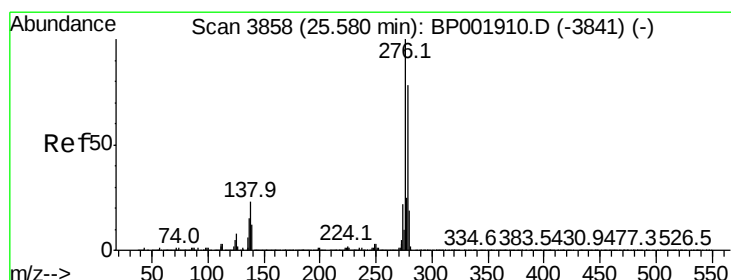
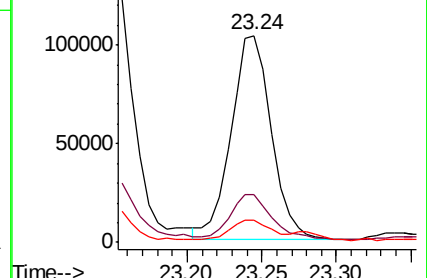
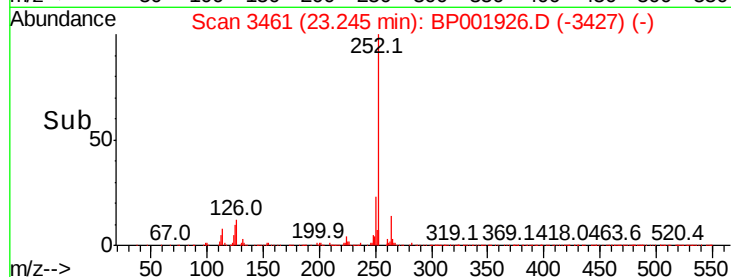
125 11.0 8.3 12.5



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: 1.107 ng/ul

RT: 25.56 min Scan# 3855

Delta R.T. -0.02 min

Lab File: BP001926.D

Acq: 26 Feb 2020 14:34

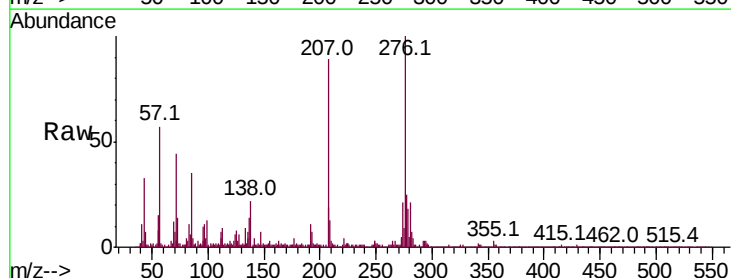
Tgt Ion:276 Resp: 171626

Ion Ratio Lower Upper

276 100

138 21.8 19.3 28.9

277 25.4 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

