

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP022920\
 Data File : BP001969.D
 Acq On : 29 Feb 2020 21:19
 Operator : CG/JU
 Sample : L1615-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Mar 02 00:31:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 27 14:59:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	306183	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	1241692	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	795483	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	1759224	20.00	ng/ul	0.00
78) Chrysene-d12	21.12	240	1749730	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	2003637	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	5813	0.82	ng/uL	0.00
5) Phenol-d5	6.82	99	89737	3.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	59651	4.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	82673	4.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	69375	3.61	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	34847	3.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	32003	2.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	74116	3.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	38398	1.69	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	279529	4.64	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	303245	4.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	11308	0.98	ng/ul	0.00
58) Fluorene-d10	15.27	176	263205	5.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	18894	1.95	ng/ul	0.00
71) Anthracene-d10	17.13	188	414575	5.24	ng/ul	0.00
79) Pyrene-d10	19.37	212	538331	5.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	557036	5.43	ng/ul	0.00

Target Compounds

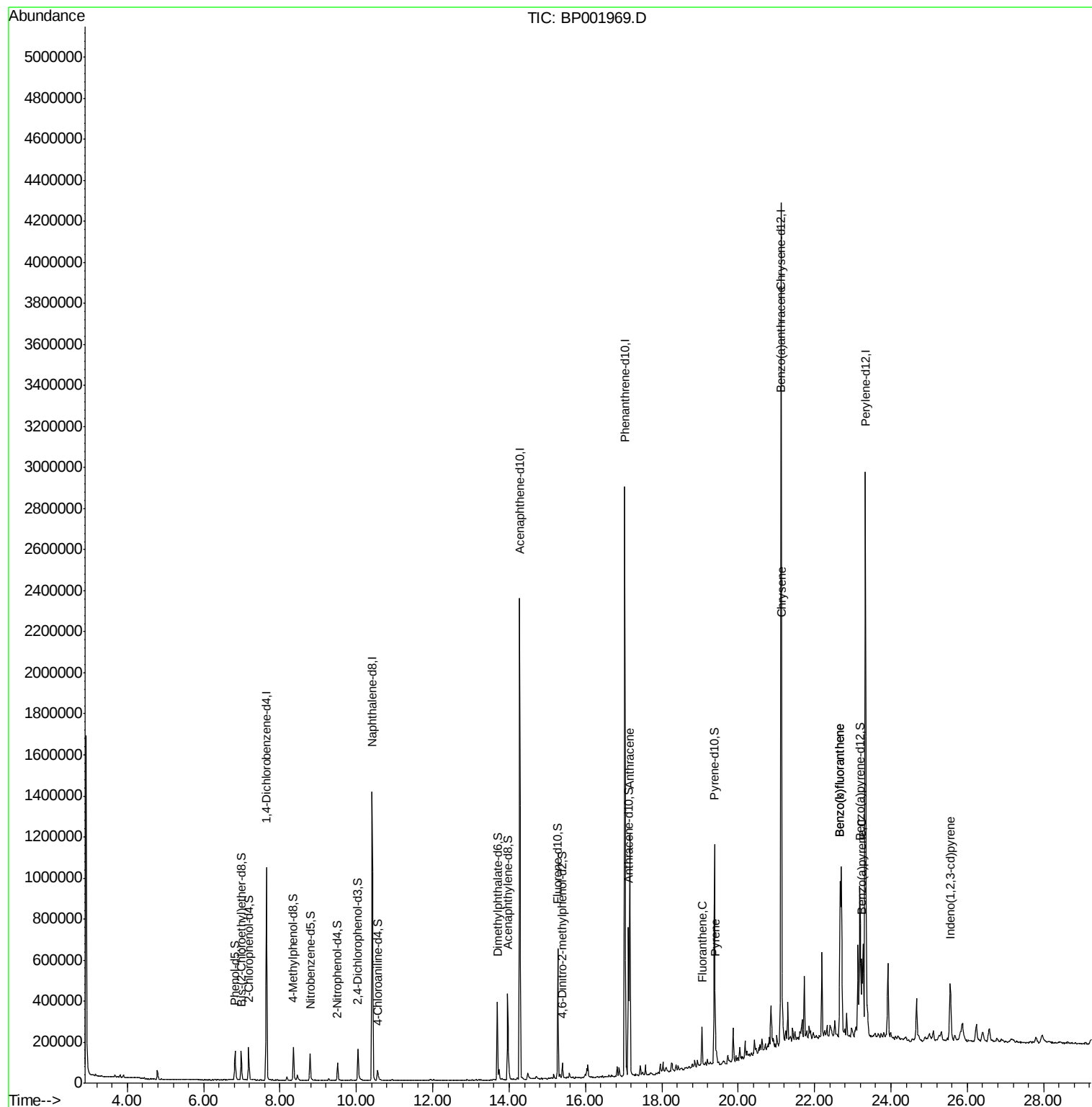
					Ovalue
72) Anthracene	17.16	178	782815	8.158 ng/ul	99
77) Fluoranthene	19.05	202	111957	1.001 ng/ul	99
80) Pyrene	19.40	202	174320	1.463 ng/ul	99
83) Benzo(a)anthracene	21.11	228	138429	1.169 ng/ul	94
85) Chrysene	21.14	228	222747	1.972 ng/ul	99
88) Benzo(b)fluoranthene	22.67	252	633438	5.041 ng/ul	99
89) Benzo(k)fluoranthene	22.67	252	633438	5.150 ng/ul	99
91) Benzo(a)pyrene	23.23	252	274155	2.403 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.55	276	180519	1.221 ng/ul	97

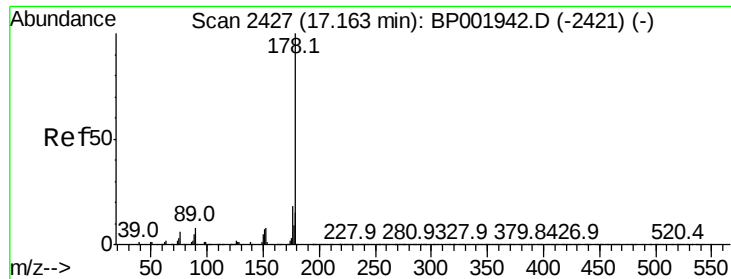
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#72

Anthracene

Concen: 8.158 ng/ul

RT: 17.16 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BP001969.D

Acq: 29 Feb 2020 21:19

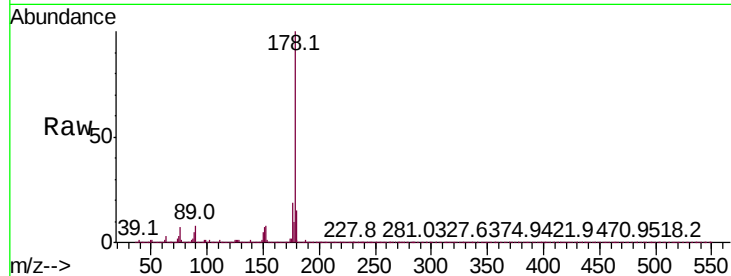
Instrument :

BNA_P

ClientSampleId :

Tot Ion:178 Resp: 782815

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.8	19.2
176	18.5	14.6	22.0

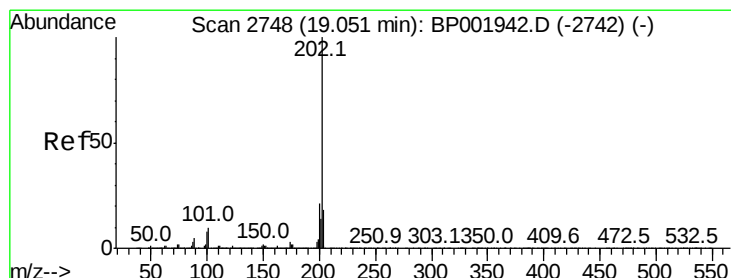
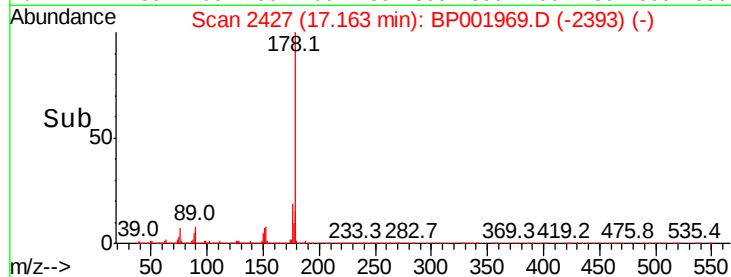
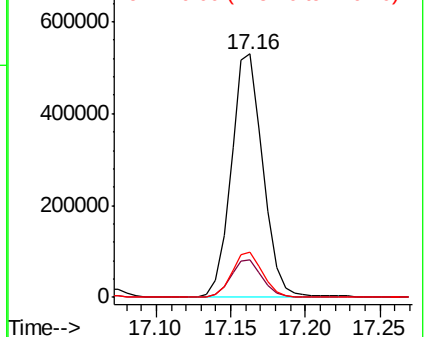


Abundance

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: 1.001 ng/ul

RT: 19.05 min Scan# 2748

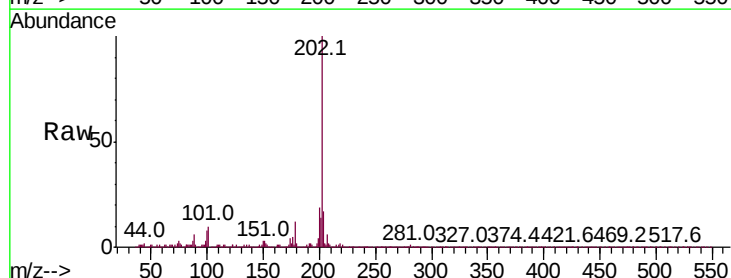
Delta R.T. 0.00 min

Lab File: BP001969.D

Acq: 29 Feb 2020 21:19

Tgt Ion:202 Resp: 111957

Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.2	12.2
100	7.5	6.3	9.5

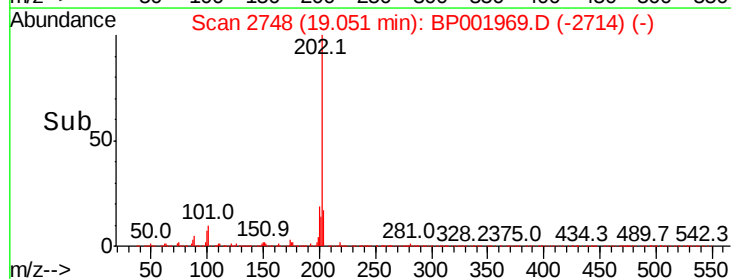
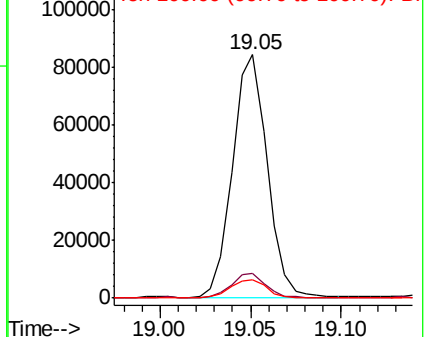


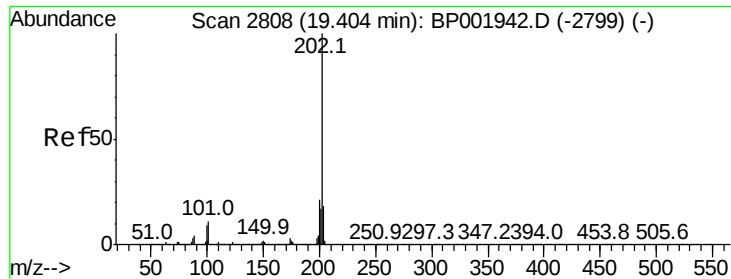
Abundance

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: 1.463 ng/ul

RT: 19.40 min Scan# 2807

Delta R.T. -0.01 min

Lab File: BP001969.D

Acq: 29 Feb 2020 21:19

Instrument :

BNA_P

ClientSampleId :

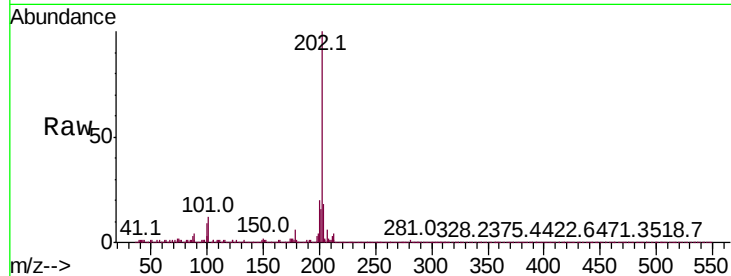
Tot Ion:202 Resp: 174320

Ion Ratio Lower Upper

202 100

101 12.1 9.3 13.9

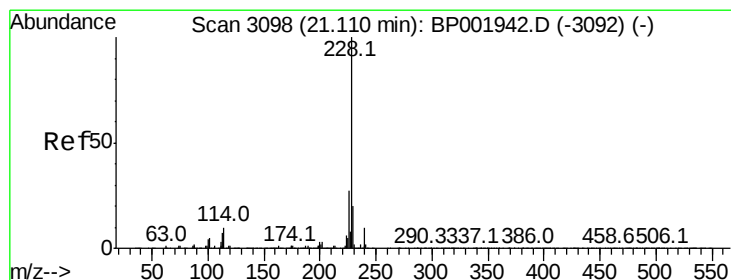
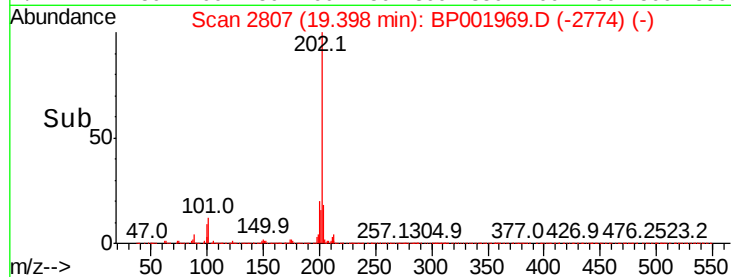
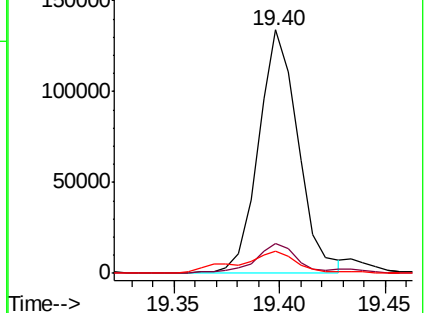
100 8.9 7.6 11.4



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): B



#83

Benzo(a)anthracene

Concen: 1.169 ng/ul

RT: 21.11 min Scan# 3098

Delta R.T. 0.00 min

Lab File: BP001969.D

Acq: 29 Feb 2020 21:19

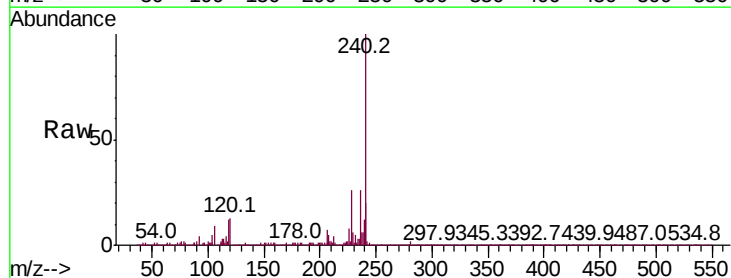
Tgt Ion:228 Resp: 138429

Ion Ratio Lower Upper

228 100

229 21.7 15.7 23.5

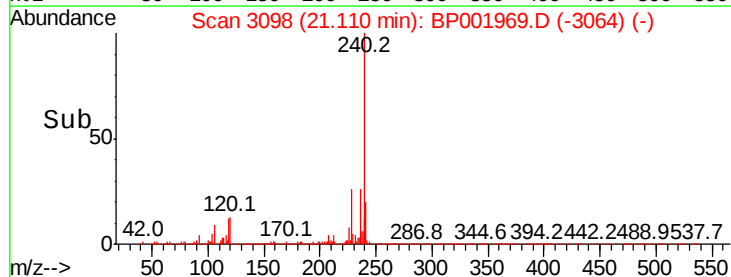
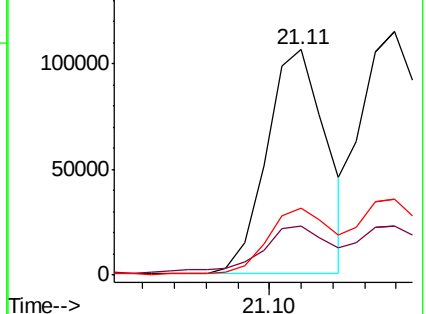
226 30.0 21.4 32.0

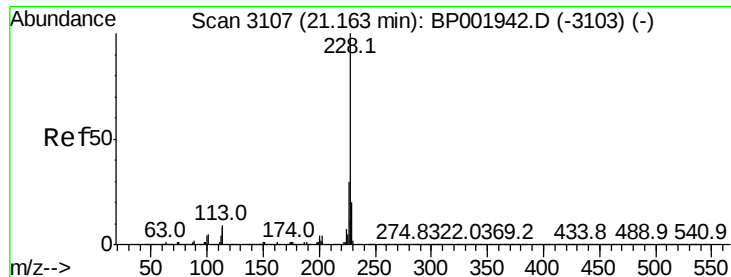


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#85

Chrysene

Concen: 1.972 ng/ul

RT: 21.14 min Scan# 3103

Delta R.T. -0.02 min

Lab File: BP001969.D

Acq: 29 Feb 2020 21:19

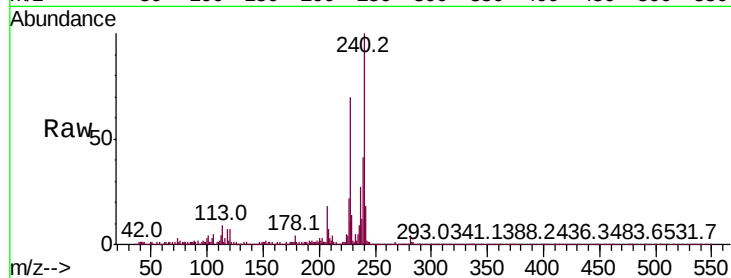
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 222747

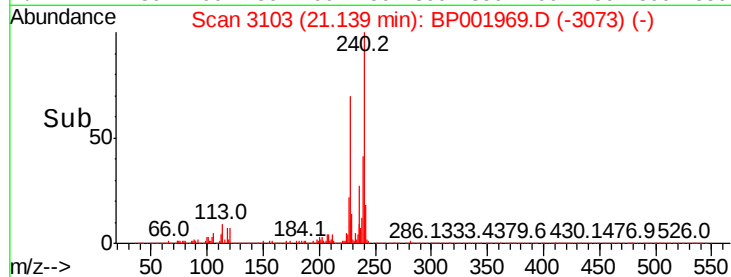
Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.4	36.6
229	20.1	15.9	23.9



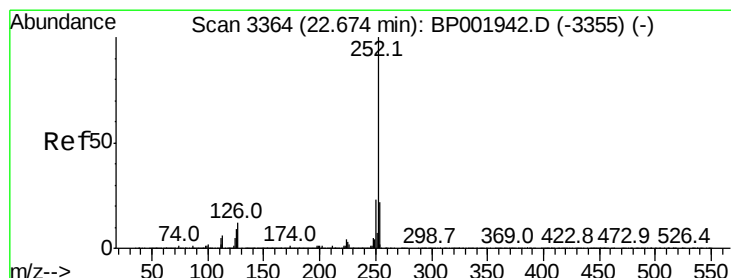
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 5.041 ng/ul

RT: 22.67 min Scan# 3363

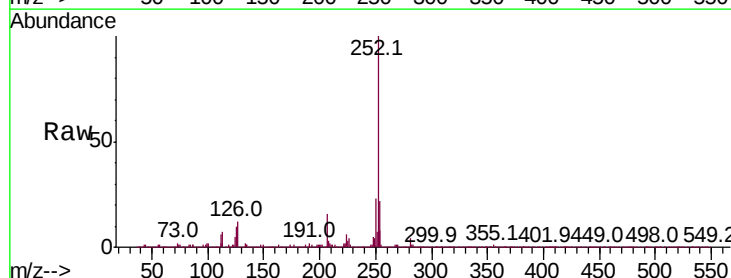
Delta R.T. -0.01 min

Lab File: BP001969.D

Acq: 29 Feb 2020 21:19

Tgt Ion:252 Resp: 633438

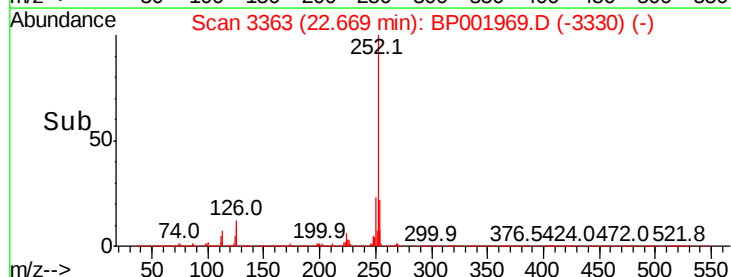
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.1	7.4	11.0



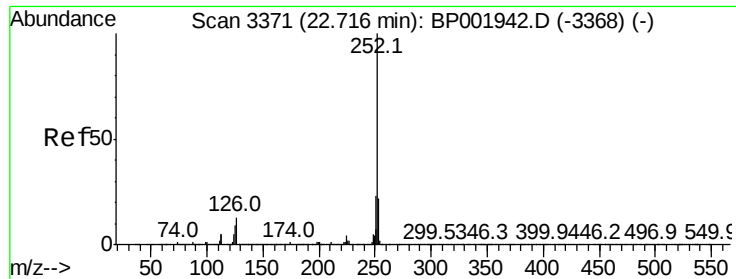
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#89

Benzo(k)fluoranthene

Concen: 5.150 ng/ul

RT: 22.67 min Scan# 3363

Delta R.T. -0.05 min

Lab File: BP001969.D

Acq: 29 Feb 2020 21:19

Instrument :

BNA_P

ClientSampleId :

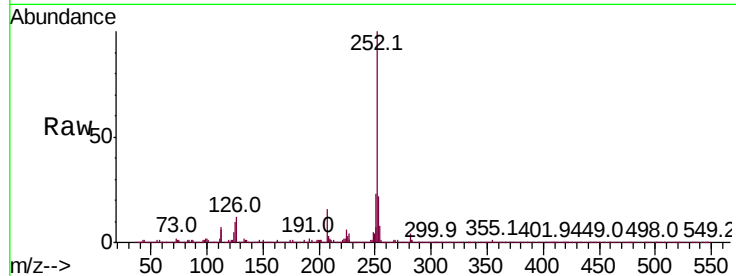
Tot Ion:252 Resp: 633438

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

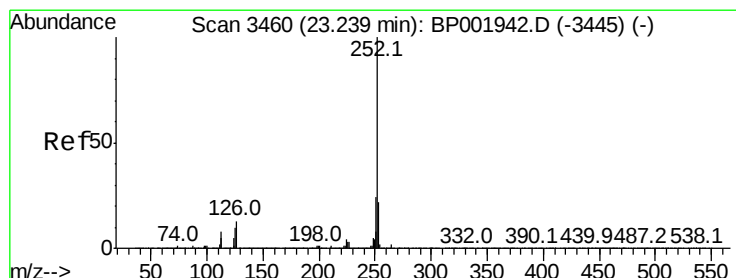
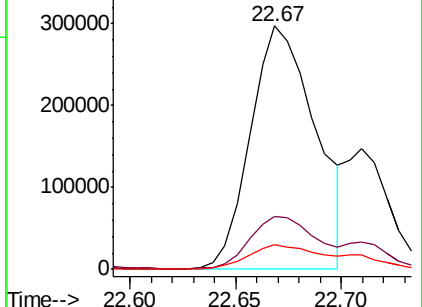
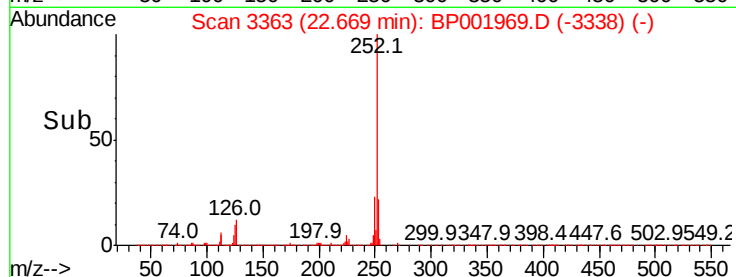
125 10.1 7.4 11.0



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: 2.403 ng/ul

RT: 23.23 min Scan# 3459

Delta R.T. -0.01 min

Lab File: BP001969.D

Acq: 29 Feb 2020 21:19

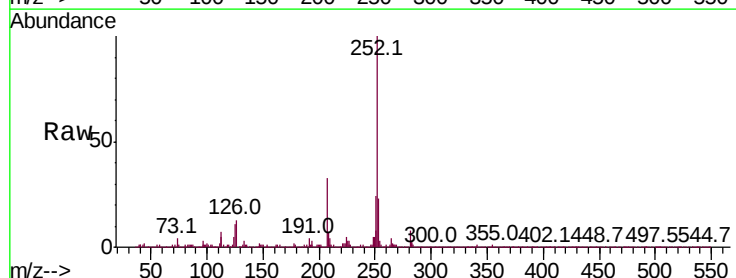
Tgt Ion:252 Resp: 274155

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.0

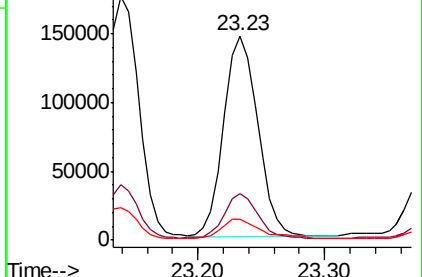
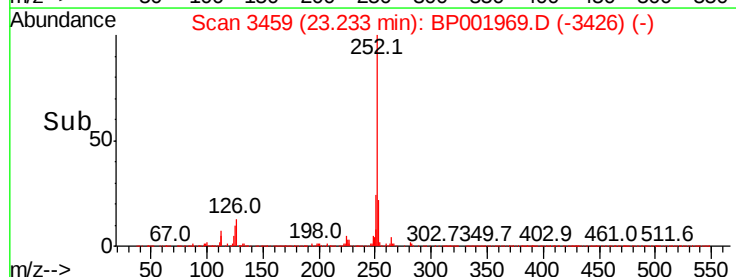
125 10.5 8.2 12.2

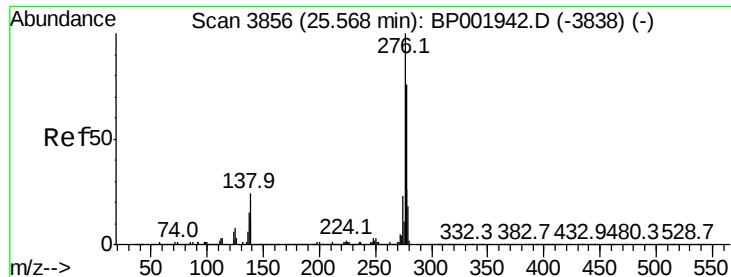


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 1.221 ng/ul

RT: 25.55 min Scan# 3853

Delta R.T. -0.02 min

Lab File: BP001969.D

Acq: 29 Feb 2020 21:19

Instrument :

BNA_P

ClientSampleId :

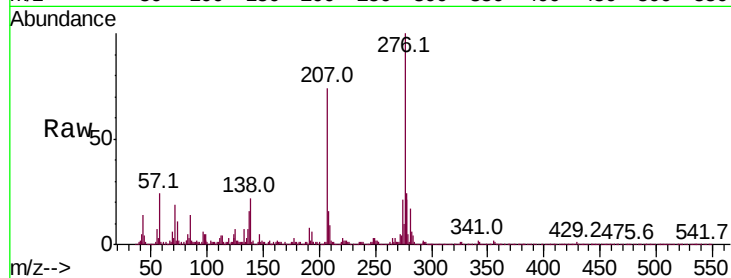
Tot Ion:276 Resp: 180519

Ion Ratio Lower Upper

276 100

138 21.9 18.6 28.0

277 24.4 20.4 30.6



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

