

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
 Data File : BP004396.D
 Acq On : 19 Dec 2020 16:11
 Operator : CG/JU
 Sample : L5151-04
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AE6

Quant Time: Dec 21 02:58:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 21 02:36:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	250071	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	1045295	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	627926	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1352784	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	1312239	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	1416941	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	17922	2.98	ng/uL	0.00
5) Phenol-d5	6.99	99	346205	15.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	199589	16.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	288574	16.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	267995	15.50	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	144182	15.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	157838	16.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	286914	15.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	316215	15.24	ng/ul	0.00
44) Dimethylphthalate-d6	13.88	166	835401	16.62	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	1098530	17.60	ng/ul	0.00
52) 4-Nitrophenol-d4	14.67	143	97574	10.75	ng/ul	0.00
58) Fluorene-d10	15.47	176	737262	16.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	57082	6.54	ng/ul	0.00
71) Anthracene-d10	17.33	188	1162728	17.40	ng/ul	0.00
79) Pyrene-d10	19.57	212	1316741	18.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.53	264	1371692	17.58	ng/ul	0.00

Target Compounds

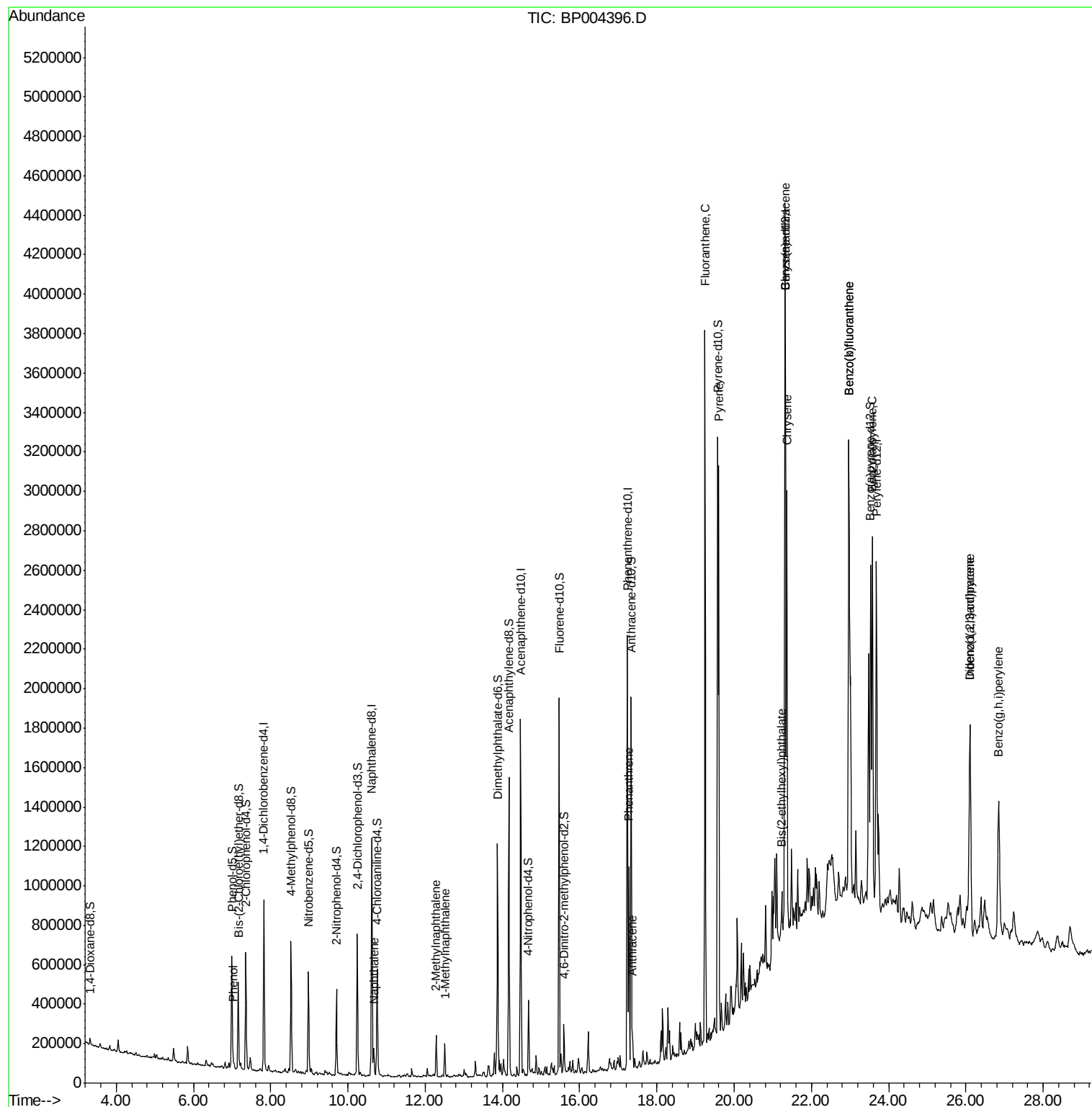
					Ovalue
6) Phenol	7.02	94	35376	1.620 ng/ul	95
28) Naphthalene	10.67	128	113541	1.933 ng/ul	99
34) 2-Methylnaphthalene	12.29	142	103855	2.564 ng/ul	97
35) 1-Methylnaphthalene	12.50	142	83551	1.772 ng/ul	98
70) Phenanthrene	17.27	178	629316	8.011 ng/ul	99
72) Anthracene	17.36	178	152148	1.934 ng/ul	98
77) Fluoranthene	19.25	202	2154797	24.180 ng/ul	98
80) Pyrene	19.60	202	1759328	19.688 ng/ul	100
83) Benzo(a)anthracene	21.31	228	1264454	14.297 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.23	149	91264	1.809 ng/ul	97
85) Chrysene	21.36	228	1245641	14.587 ng/ul	98
88) Benzo(b)fluoranthene	22.97	252	1969869	21.314 ng/ul	99
89) Benzo(k)fluoranthene	22.97	252	1969869	21.968 ng/ul	98
91) Benzo(a)pyrene	23.58	252	1392628	16.336 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	26.11	276	1148113	10.659 ng/ul	95
93) Dibenzo(a,h)anthracene	26.12	278	277607	3.095 ng/ul#	83
94) Benzo(g,h,i)perylene	26.85	276	932844	10.323 ng/ul	99

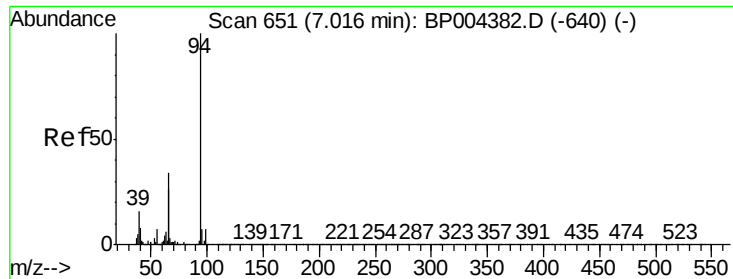
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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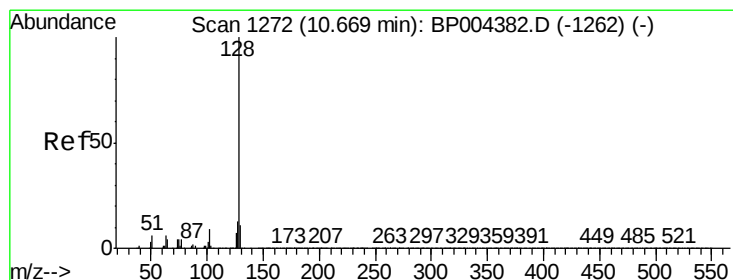
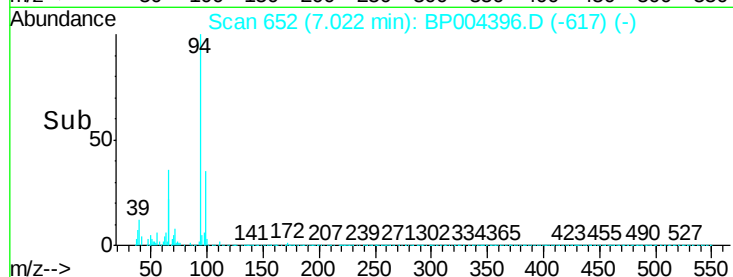
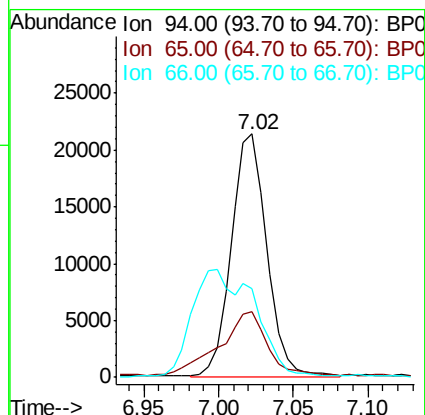
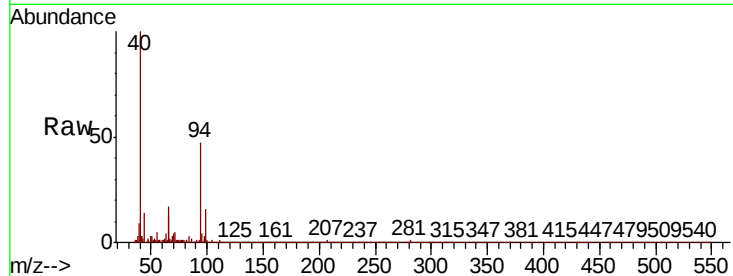
#6

Phenol

Concen: 1.620 ng/ul
 RT: 7.02 min Scan# 652
 Delta R.T. 0.01 min
 Lab File: BP004396.D
 Acq: 19 Dec 2020 16:11

Instrument :
 BNA_P
 ClientSampleId :
 C0AE6

Tot Ion: 94 Resp: 35376
 Ion Ratio Lower Upper
 94 100
 65 26.8 20.3 30.5
 66 36.6 26.2 39.2

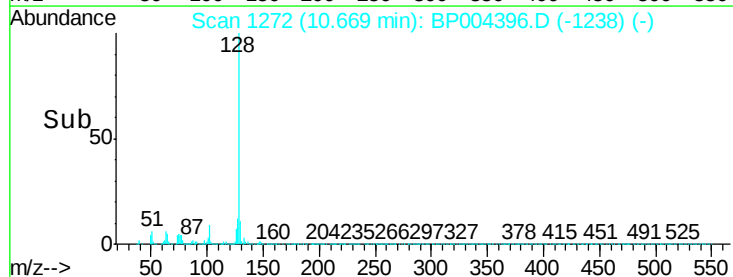
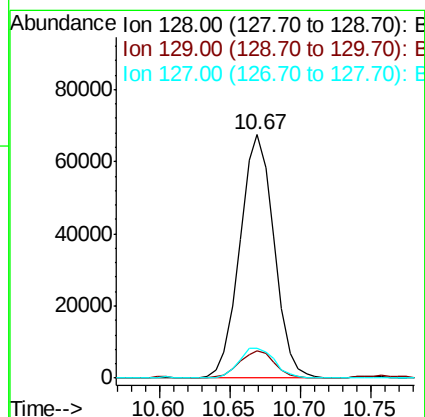
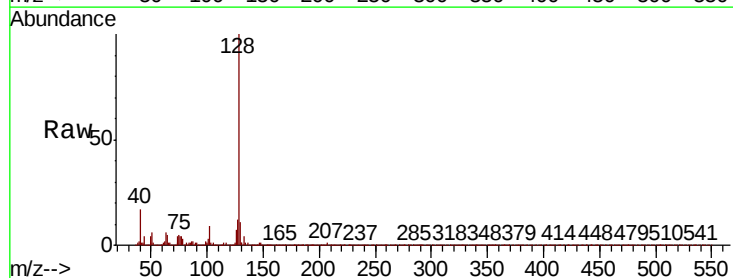


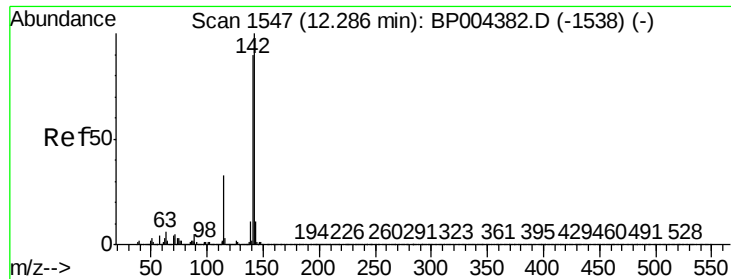
#28

Naphthalene

Concen: 1.933 ng/ul
 RT: 10.67 min Scan# 1272
 Delta R.T. 0.00 min
 Lab File: BP004396.D
 Acq: 19 Dec 2020 16:11

Tgt Ion: 128 Resp: 113541
 Ion Ratio Lower Upper
 128 100
 129 11.2 8.8 13.2
 127 12.3 10.4 15.6

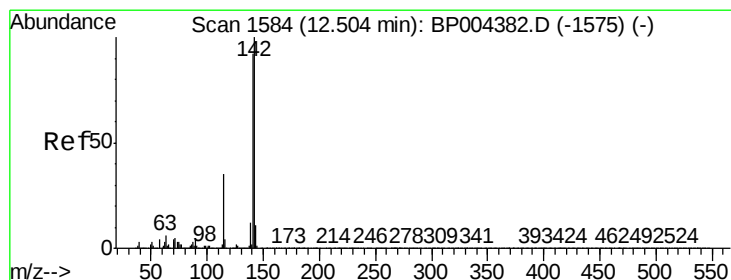
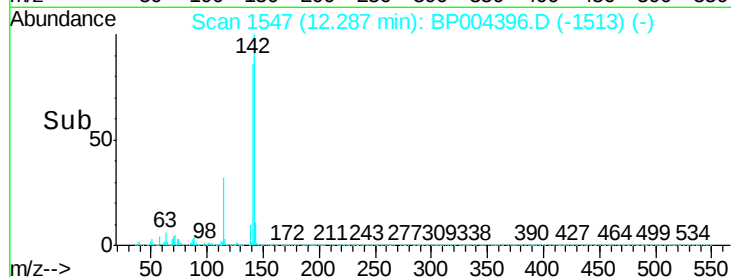
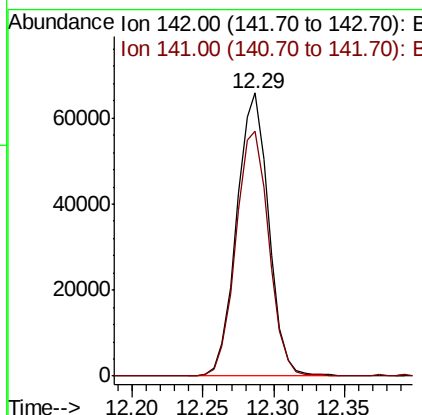
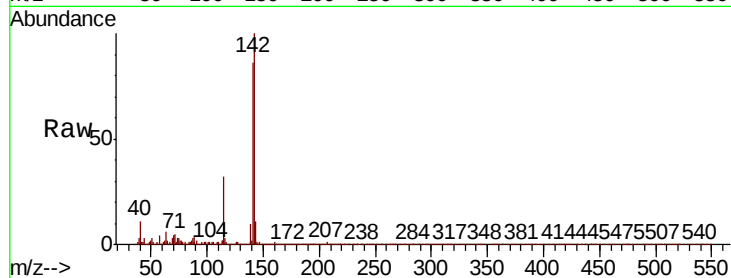




#34
2-Methylnaphthalene
Concen: 2.564 ng/ul
RT: 12.29 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BP004396.D
Acq: 19 Dec 2020 16:11

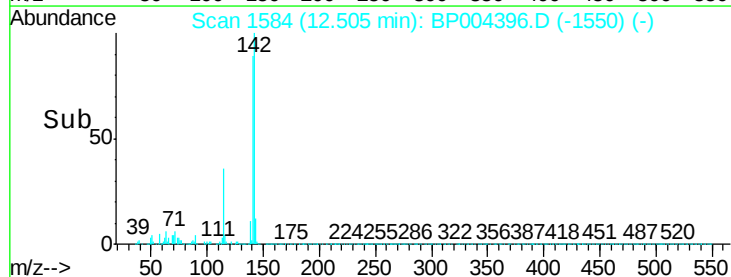
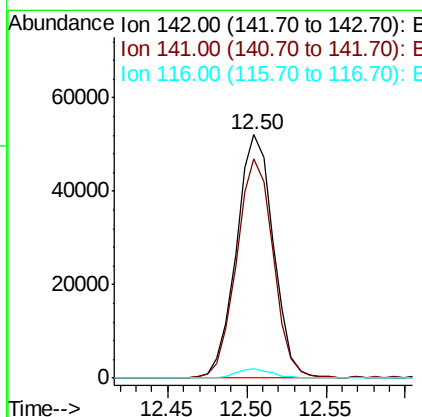
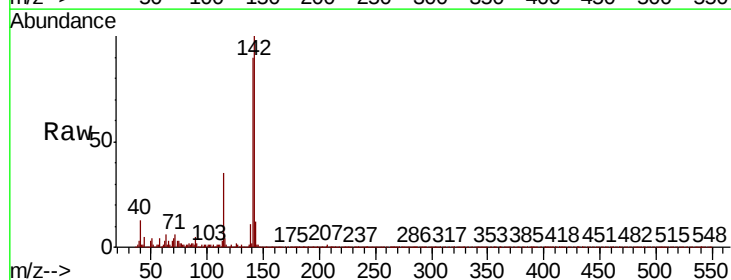
Instrument :
BNA_P
ClientSampleId :
C0AE6

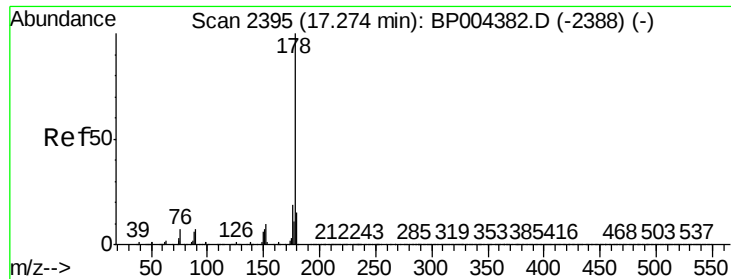
Tot Ion:142 Resp: 103855
Ion Ratio Lower Upper
142 100
141 86.4 71.2 106.8



#35
1-Methylnaphthalene
Concen: 1.772 ng/ul
RT: 12.50 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BP004396.D
Acq: 19 Dec 2020 16:11

Tgt Ion:142 Resp: 83551
Ion Ratio Lower Upper
142 100
141 90.1 73.5 110.3
116 3.9 2.9 4.3





#70

Phenanthrene

Concen: 8.011 ng/ul

RT: 17.27 min Scan# 2395

Delta R.T. 0.00 min

Lab File: BP004396.D

Acq: 19 Dec 2020 16:11

Instrument :

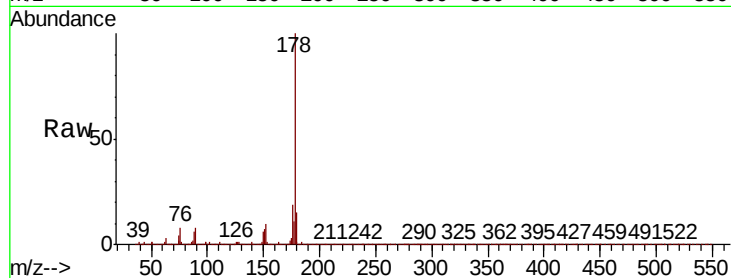
BNA_P

ClientSampleId :

C0AE6

Tot Ion:178 Resp: 629316

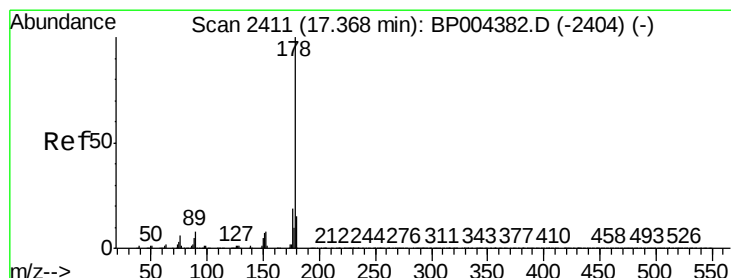
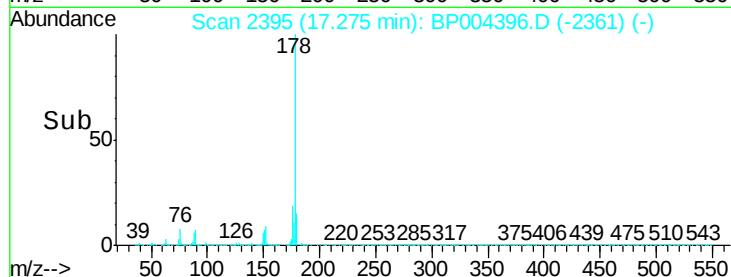
Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.4	18.6
176	18.8	15.3	22.9



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: 1.934 ng/ul

RT: 17.36 min Scan# 2410

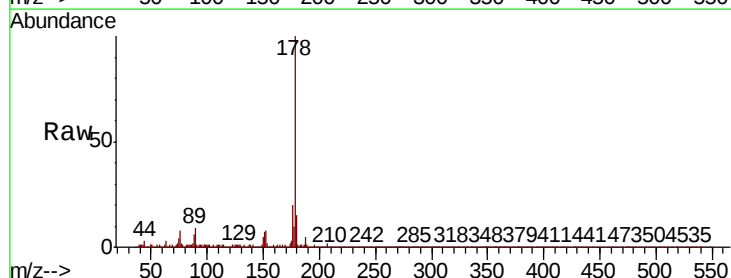
Delta R.T. -0.01 min

Lab File: BP004396.D

Acq: 19 Dec 2020 16:11

Tgt Ion:178 Resp: 152148

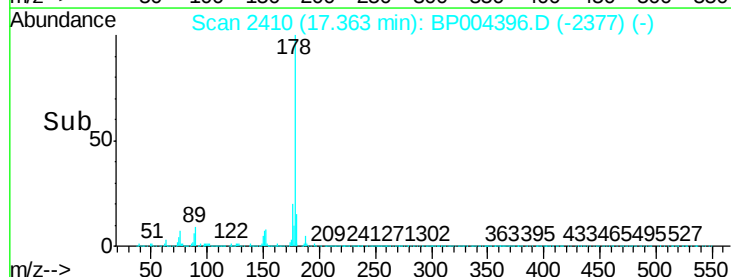
Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.4	18.6
176	19.8	15.0	22.4

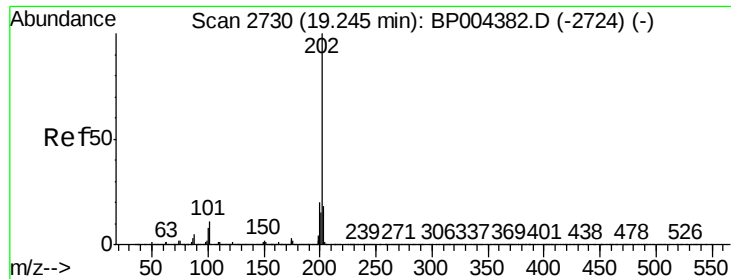


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



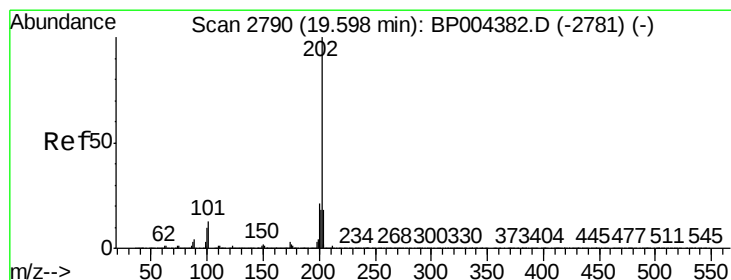
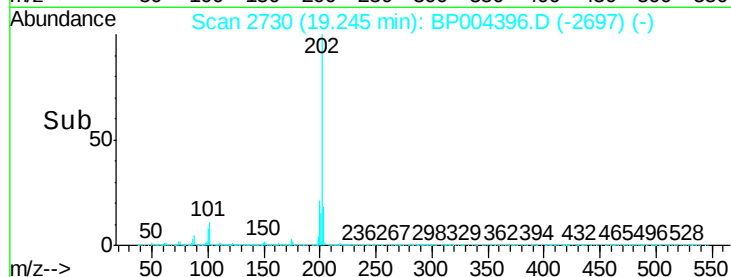
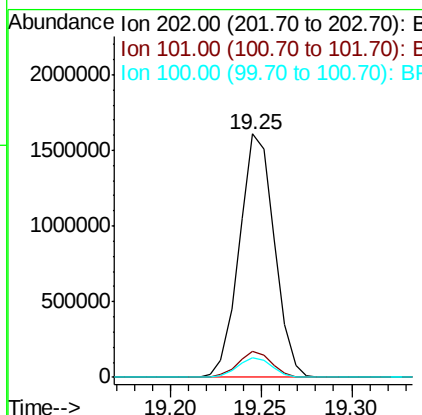
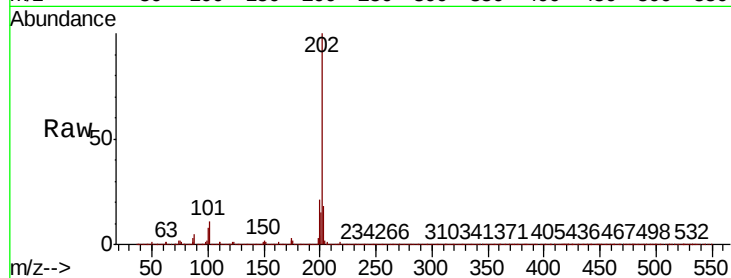


#77
 Fluoranthene
 Concen: 24.180 ng/ul
 RT: 19.25 min Scan# 2730
 Delta R.T. -0.01 min
 Lab File: BP004396.D
 Acq: 19 Dec 2020 16:11

Instrument :
 BNA_P
 ClientSampleId :
 C0AE6

Tot Ion:202 Resp: 2154797

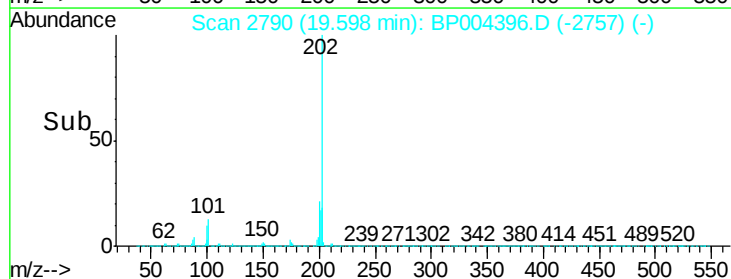
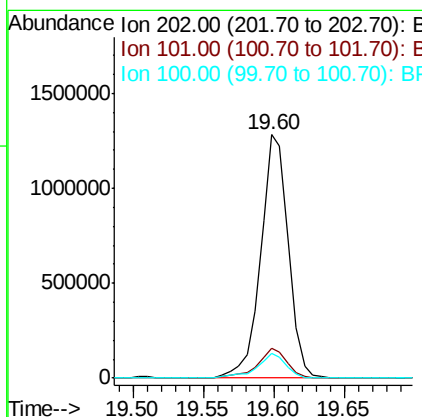
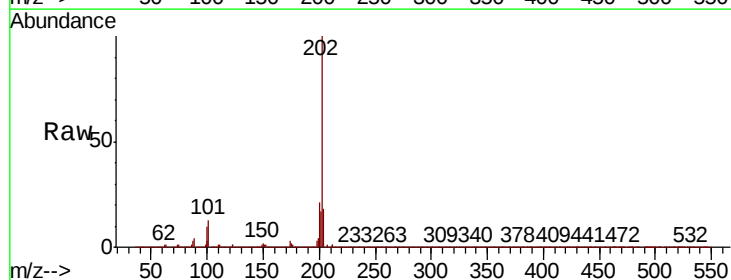
Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.0	12.0
100	8.2	6.2	9.4

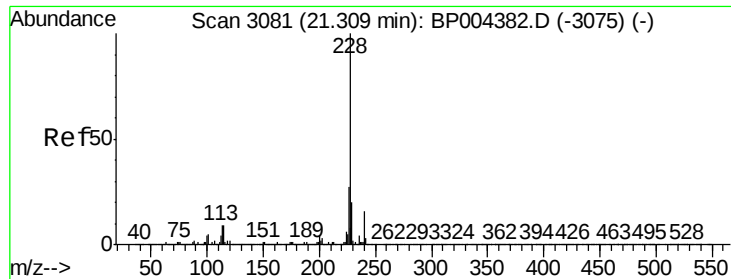


#80
 Pyrene
 Concen: 19.688 ng/ul
 RT: 19.60 min Scan# 2790
 Delta R.T. -0.01 min
 Lab File: BP004396.D
 Acq: 19 Dec 2020 16:11

Tgt Ion:202 Resp: 1759328

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.8	14.8
100	10.0	8.0	12.0

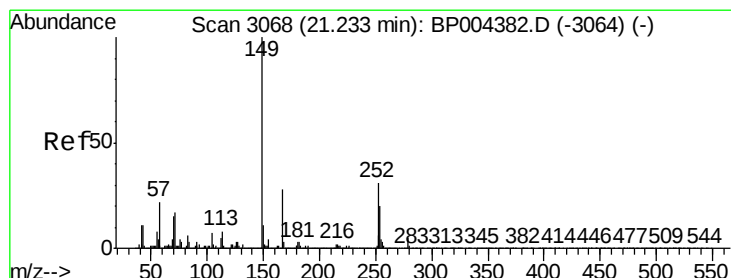
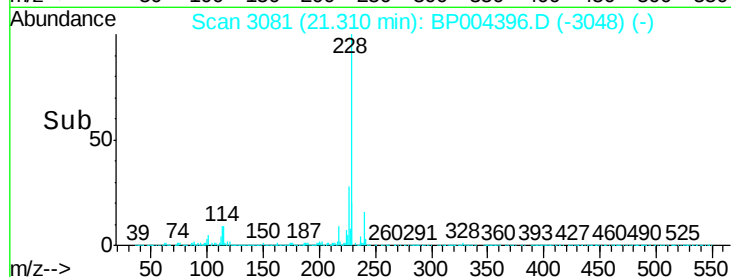
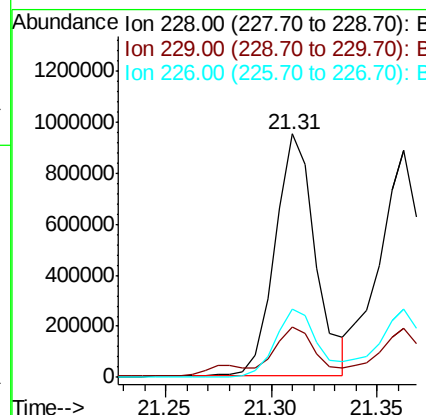
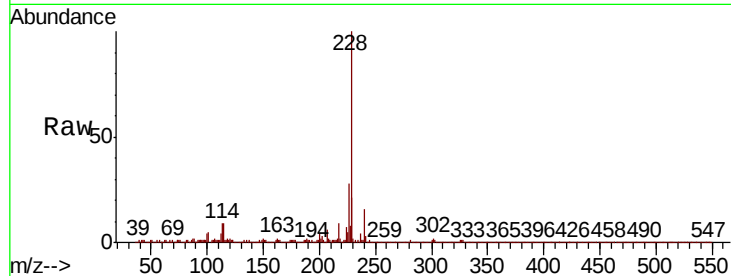




#83
Benzo(a)anthracene
Concen: 14.297 ng/ul
RT: 21.31 min Scan# 3081
Delta R.T. -0.01 min
Lab File: BP004396.D
Acq: 19 Dec 2020 16:11

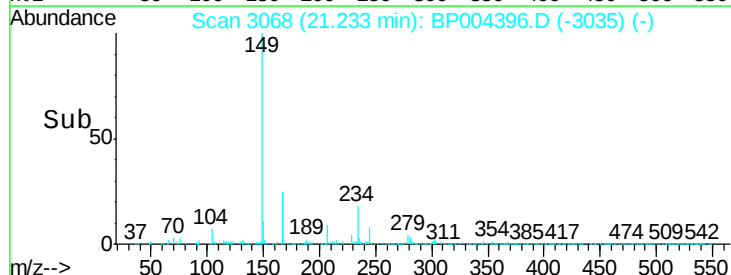
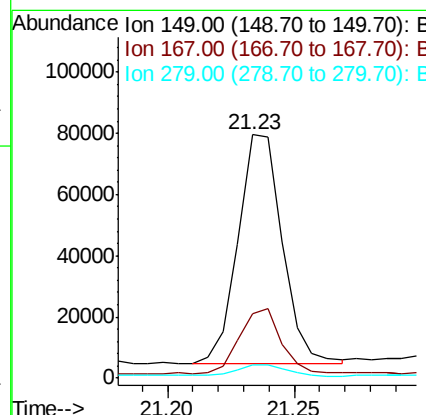
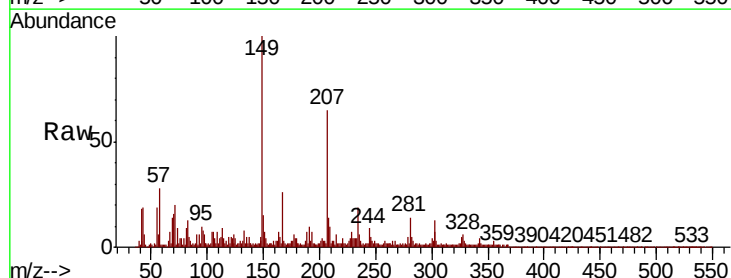
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BNA_P
ClientSampleId :
C0AE6

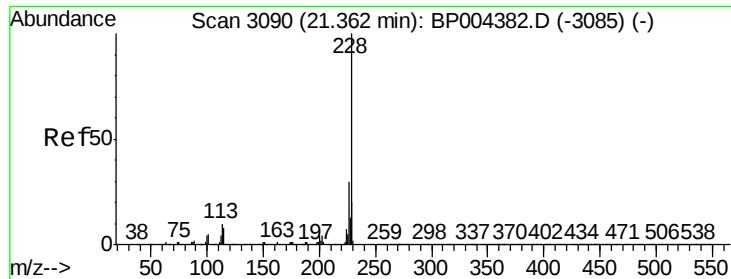
Tot Ion:228 Resp: 1264454
Ion Ratio Lower Upper
228 100
229 20.9 15.4 23.2
226 27.9 21.6 32.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 1.809 ng/ul
RT: 21.23 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BP004396.D
Acq: 19 Dec 2020 16:11

Tgt Ion:149 Resp: 91264
Ion Ratio Lower Upper
149 100
167 26.4 22.6 33.8
279 5.5 3.9 5.9





#85

Chrysene

Concen: 14.587 ng/ul

RT: 21.36 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BP004396.D

Acq: 19 Dec 2020 16:11

Instrument :

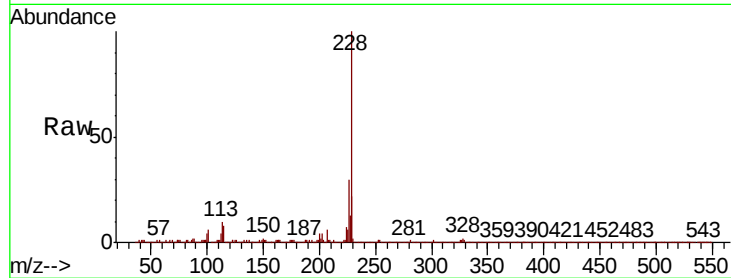
BNA_P

ClientSampleId :

C0AE6

Tot Ion:228 Resp: 1245641

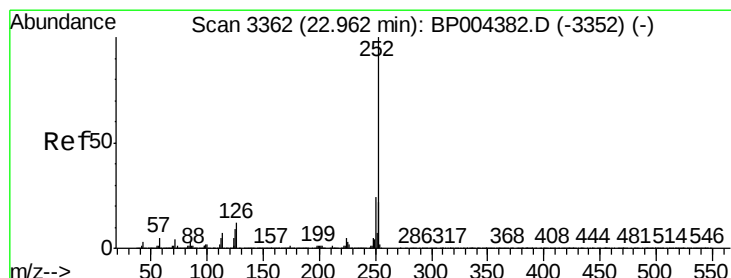
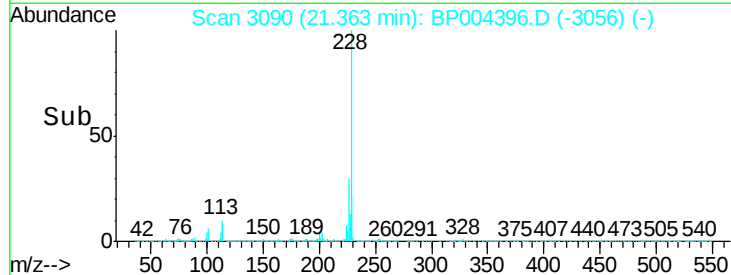
Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.4
229	21.8	15.8	23.6



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: 21.314 ng/ul

RT: 22.97 min Scan# 3363

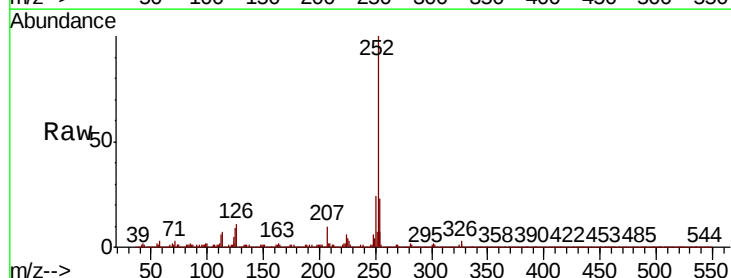
Delta R.T. 0.00 min

Lab File: BP004396.D

Acq: 19 Dec 2020 16:11

Tgt Ion:252 Resp: 1969869

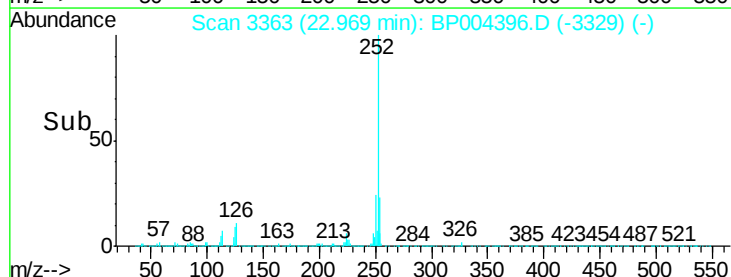
Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	9.4	7.2	10.8

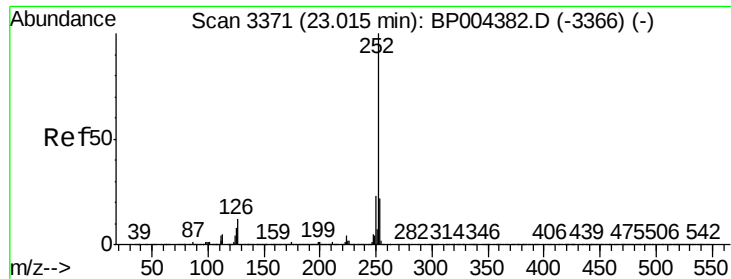


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

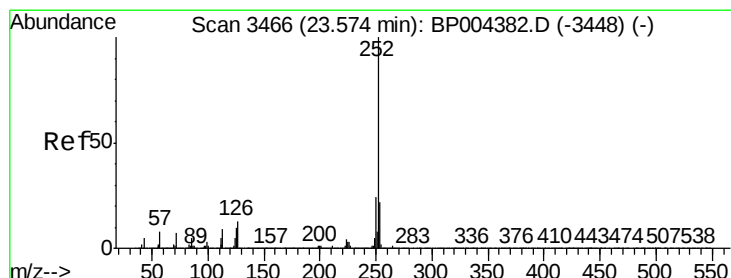
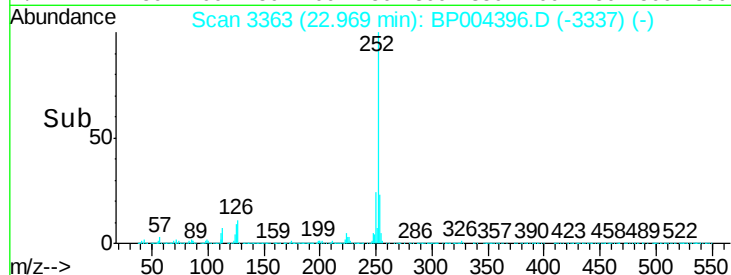
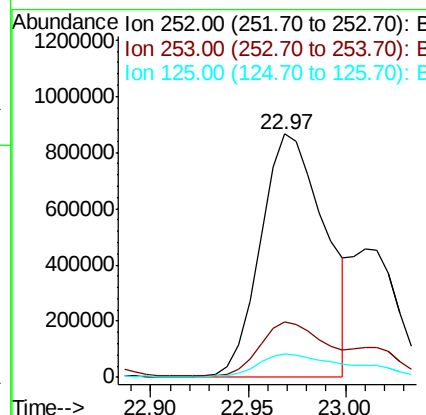
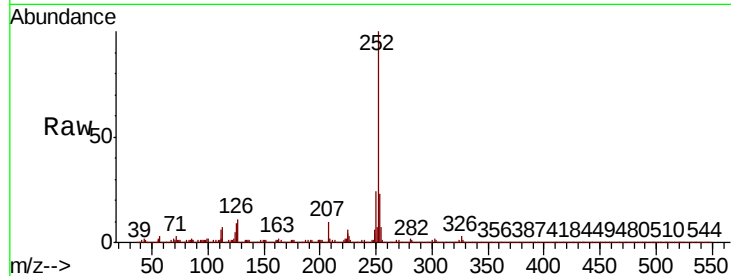




#89
Benzo(k)fluoranthene
Concen: 21.968 ng/ul
RT: 22.97 min Scan# 3363
Delta R.T. -0.05 min
Lab File: BP004396.D
Acq: 19 Dec 2020 16:11

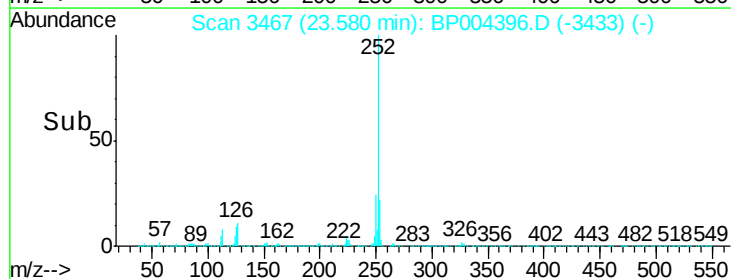
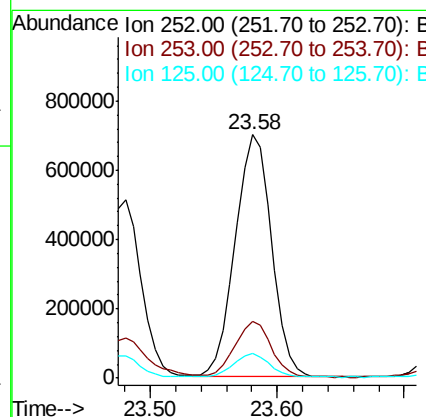
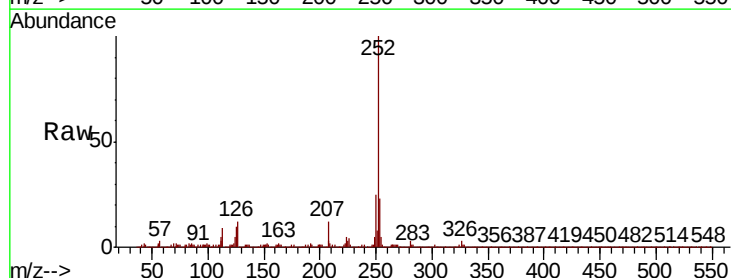
Instrument :
BNA_P
ClientSampled :
C0AE6

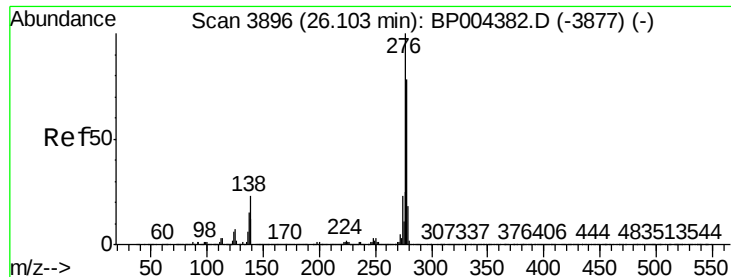
Tot Ion:252 Resp: 1969869
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 9.4 7.2 10.8



#91
Benzo(a)pyrene
Concen: 16.336 ng/ul
RT: 23.58 min Scan# 3467
Delta R.T. 0.00 min
Lab File: BP004396.D
Acq: 19 Dec 2020 16:11

Tgt Ion:252 Resp: 1392628
Ion Ratio Lower Upper
252 100
253 23.4 17.7 26.5
125 9.9 8.1 12.1



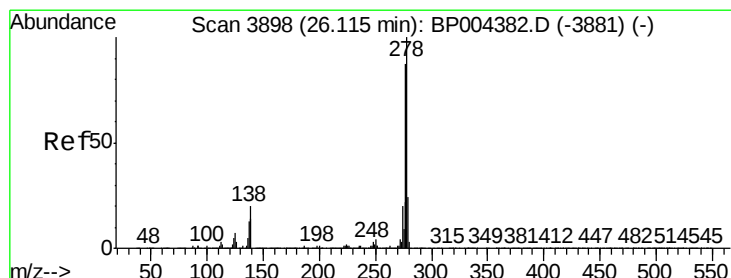
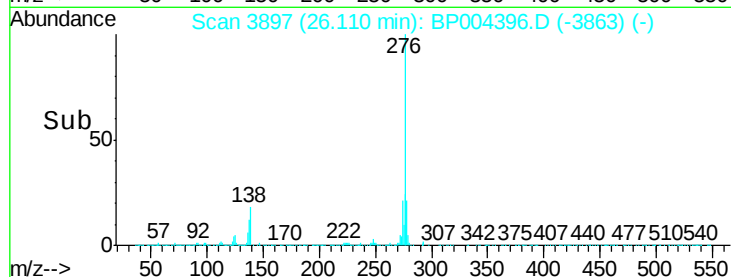
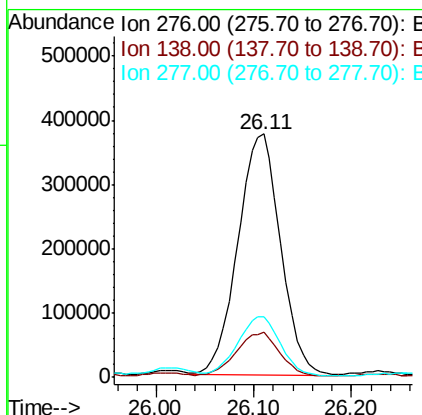
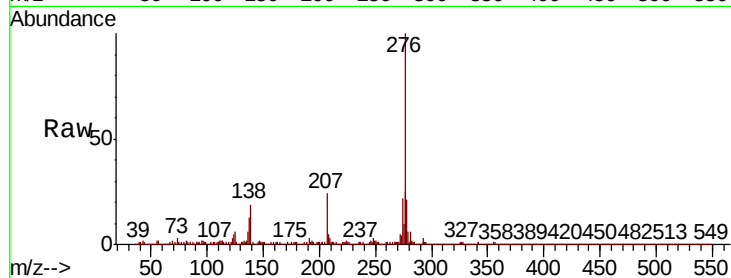


#92

Indeno(1,2,3-cd)pyrene
Concen: 10.659 ng/ul
RT: 26.11 min Scan# 3897
Delta R.T. 0.00 min
Lab File: BP004396.D
Acq: 19 Dec 2020 16:11

Instrument :
BNA_P
ClientSampleId :
C0AE6

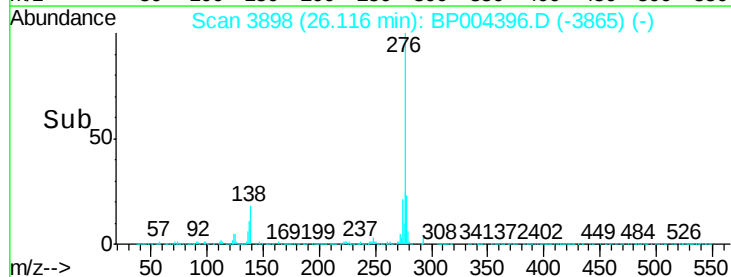
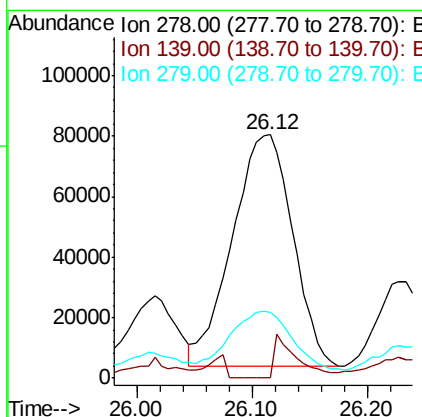
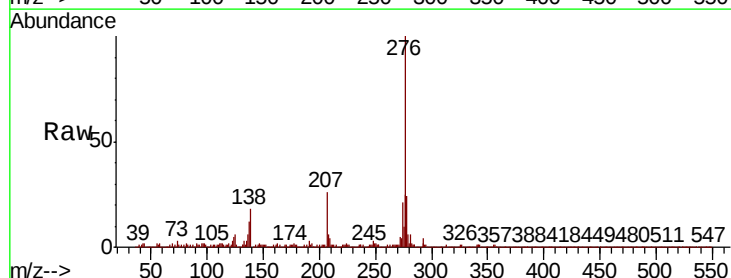
Tot Ion:276 Resp: 1148113
Ion Ratio Lower Upper
276 100
138 18.6 17.9 26.9
277 24.7 20.3 30.5

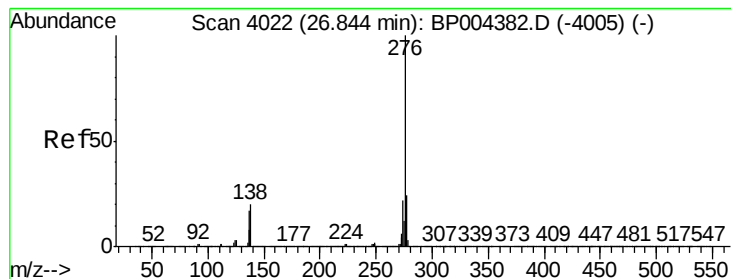


#93

Dibenzo(a,h)anthracene
Concen: 3.095 ng/ul
RT: 26.12 min Scan# 3898
Delta R.T. -0.01 min
Lab File: BP004396.D
Acq: 19 Dec 2020 16:11

Tgt Ion:278 Resp: 277607
Ion Ratio Lower Upper
278 100
139 0.0 11.4 17.2#
279 27.0 19.1 28.7





#94

Benzo(a,h,i)perylene

Concen: 10.323 ng/ul

RT: 26.85 min Scan# 4023

Delta R.T. 0.00 min

Lab File: BP004396.D

Acq: 19 Dec 2020 16:11

Instrument :

BNA_P

ClientSampleId :

C0AE6

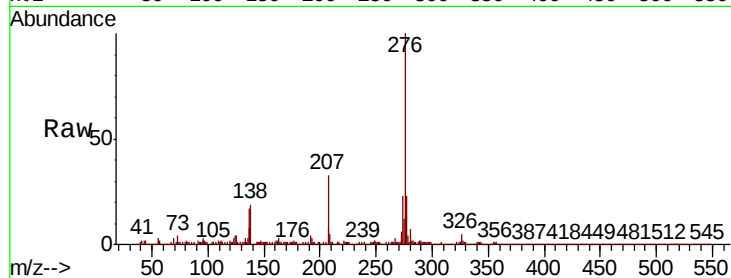
Tot Ion:276 Resp: 932844

Ion Ratio Lower Upper

276 100

138 18.6 15.8 23.6

277 23.4 18.7 28.1



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

